

# 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 44, Zavarivanje i srodni postupci

HRS CEN/TS 13259:2024 en pr  
Oprema za plinsko zavarivanje – Industrijski ručni i strojni plamenici za zagrijavanje plamenom, tvrdo lemljenje plamenom i srodne postupke (CEN/TS 13259:2023)  
Gas welding equipment – Industrial manual and machine blowpipes for flame heating, flame brazing and allied processes (CEN/TS 13259:2023)

### HZN/TO 71, Beton

HRN EN 934-7:2024 en pr  
Dodaci betonu, mortu i mortu za injektiranje – 7. dio: Dodaci za smanjenje skupljanja – Definicije, zahtjevi, sukladnost, označavanje i obilježavanje (EN 934-7:2024)  
Admixtures for concrete, mortar and grout – Part 7: Shrinkage reducing admixtures – Definitions, requirements, conformity, marking and labelling (EN 934-7:2024)

### HZN/TO 92, Zaštita od požara

HRN EN 1366-3:2024 en pr  
Ispitivanja otpornosti na požar servisnih instalacija – 3. dio: Penetracijske brtve (EN 1366-3:2021+A1:2024)  
Fire resistance tests for service installations – Part 3: Penetration seals (EN 1366-3:2021+A1:2024)

### HZN/TO 136, Namještaj

HRN EN 12520:2024 en pr  
Namještaj – Sigurnost, čvrstoća i trajnost – Zahtjevi za namještaj za sjedenje za kućnu uporabu (EN 12520:2024)  
Furniture – Safety, strength and durability – Requirements for Domestic seating (EN 12520:2024)

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

HRN EN ISO 16486-2:2024 en pr  
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Cijevni sustavi od neomekšanog poliamida (PA-U) sa zavarivanjem i mehaničkim spajanjem – 2. dio: Cijevi (ISO 16486-2:2024; EN ISO 16486-2:2024)  
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 2: Pipes (ISO 16486-2:2024; EN ISO 16486-2:2024)

### HZN/TO 147, Kvaliteta vode

HRN EN ISO 20236:2024 en pr  
Kvaliteta vode – Određivanje ukupnog organskog ugljika (TOC), otopljenog organskog ugljika (DOC), ukupnog vezanog dušika (TNb) i otopljenog vezanog dušika (DNb) nakon katalitičkog oksidativnog izgaranja na visokoj temperaturi (ISO 20236:2024; EN ISO 20236:2024)  
Water quality – Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion (ISO 20236:2024; EN ISO 20236:2024)

### HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11979-2:2024 en pr  
Oftalmološki implantanti – Intraokularne leće – 2. dio: Optička svojstva i metode ispitivanja (ISO 11979-2:2024; EN ISO 11979-2:2024)  
Ophthalmic implants – Intraocular lenses – Part 2: Optical properties and test methods (ISO 11979-2:2024; EN ISO 11979-2:2024)

HRN EN ISO 14880-2:2024 en pr  
Optika i fotonika – Poredak mikroleća – 2. dio: Ispitne metode za aberacije valne fronte (ISO 14880-2:2024; EN ISO 14880-2:2024)  
Optics and photonics – Microlens arrays – Part 2: Test methods for wavefront aberrations (ISO 14880-2:2024; EN ISO 14880-2:2024)

HRN EN ISO 14880-3:2024 en pr  
Optika i fotonika – Poredak mikroleća – 3. dio: Ispitne metode za optička svojstva različita od aberacije valne fronte (ISO 14880-3:2024; EN ISO 14880-3:2024)  
Optics and photonics – Microlens arrays – Part 3: Test methods for optical properties other than wavefront aberrations (ISO 14880-3:2024; EN ISO 14880-3:2024)

HRN EN ISO 14880-4:2024 en pr  
Optika i fotonika – Poredak mikroleća – 4. dio: Ispitne metode za geometrijska svojstva (ISO 14880-4:2024; EN ISO 14880-4:2024)  
Optics and photonics – Microlens arrays – Part 4: Test methods for geometrical properties (ISO 14880-4:2024; EN ISO 14880-4:2024)

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

HRN EN 81-31:2024 en pr  
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala samo za prijevoz tereta – 31. dio: Dizala u koja je moguć pristup (EN 81-31:2024)  
Safety rules for the construction and installation of lifts – Lifts for the transport of goods only – Part 31: Accessible goods only lifts (EN 81-31:2024)

HRN EN 81-41:2024 en pr  
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna dizala za prijevoz osoba i tereta – 41. dio: Vertikalne podizne platforme namijenjene osobama sa smanjenom pokretljivošću (EN 81-41:2024)  
Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 41: Vertical lifting platforms intended for use by persons with impaired mobility (EN 81-41:2024)

### HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 71-13:2024 en pr  
Sigurnost igraćaka – 13. dio: Mirisne ploče za igru, kozmetički setovi i setovi za kušanje (EN 71-13:2021+A2:2024)  
Safety of toys – Part 13: Olfactory board games, cosmetic kits and gustative games (EN 71-13:2021+A2:2024)

### HZN/TO 182, Geotehničke konstrukcije

HRI CEN/TR 16907-8:2024 en pr  
Zemljani radovi – 8. dio: Alternativni materijali za zemljane radove (CEN/TR 16907-8:2024)  
Earthworks – Part 8: Alternative materials in earthworks (CEN/TR 16907-8:2024)

### HZN/TO 207, Upravljanje okolišem

HRN ISO 14066:2024 en pr  
Informacije o okolišu – Zahtjevi za osposobljenost skupina za validaciju i verifikaciju informacija o okolišu (ISO 14066:2023)  
Environmental information – Competence requirements for teams validating and verifying environmental information (ISO 14066:2023)

## HZN/TO 503, Metalni materijali

HRN EN ISO 683-7:2024 en pr  
Toplinski obrađeni čelici, legirani čelici i čelici za obradu na automatima – 7. dio: Svijetli proizvodi od nelegiranih i legiranih čelika (ISO 683-7:2023; EN ISO 683-7:2024)  
Heat-treatable steels, alloy steels and free-cutting steels – Part 7: Bright products of non-alloy and alloy steels (ISO 683-7:2023; EN ISO 683-7:2024)

HRN EN 754-2:2024 en pr  
Aluminij i aluminijeve legure – Hladno vučene šipke i cijevi – 2. dio: Mehanička svojstva (EN 754-2:2024)  
Aluminium and aluminium alloys – Cold drawn rod/bar and tube – Part 2: Mechanical properties (EN 754-2:2024)

HRN EN 10205:2024 en pr  
Proizvodi iz hladno valjanog pokositrenog lima – Crni lim (EN 10205:2024)  
Cold reduced tinmill products – Blackplate (EN 10205:2024)

HRN EN 10216-2:2024 en pr  
Bešavne čelične cijevi za tlačne namjene – Tehnički uvjeti isporuke – 2. dio: Cijevi od nelegiranih i legiranih čelika s utvrđenim svojstvima pri povišenim temperaturama (EN 10216-2:2024)  
Seamless steel tubes for pressure purposes – Technical delivery conditions – Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties (EN 10216-2:2024)

HRI CEN/TR 10261:2024 en pr  
Željezni ljev i čelik – Europske norme za određivanje kemijskog sastava (CEN/TR 10261:2023)  
Iron and steel – European standards for the determination of chemical composition (CEN/TR 10261:2023)

HRN EN 10265:2024 en pr  
Magnetski materijali – Specifikacija za čelične trake i limove sa specificiranim mehaničkim svojstvima i magnetskom polarizacijom (EN 10265:2024)  
Magnetics materials – Specification for electrical steel strip and sheet with specified mechanical properties and magnetic polarisation (EN 10265:2024)

HRN EN 10333:2024 en pr  
Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehrambenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Čelik prevučeni kositrom (pokositreni lim) (EN 10333:2024)  
Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption – Tin coated steel (tinplate) (EN 10333:2024)

HRN EN 10334:2024 en pr  
Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehrambenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Neprevučeni čelik (crni lim) (EN 10334:2024)  
Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption – Non-coated steel (blackplate) (EN 10334:2024)

HRN EN 10335:2024 en pr  
Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehrambenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Nelegirani čelik elektrolitički prevučeni kromom/kromovim oksidom (EN 10335:2024)  
Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products or beverages for human and animal consumption – Non alloyed electrolytic chromium/chromium oxide coated steel (EN 10335:2024)

HRI CEN/TR 10377:2024 en pr  
Smjernice za pripremu standardnih rutinskih metoda s raspršenim valnim dužinama X-zraka fluorescentnog spektrometra (CEN/TR 10377:2023)  
Guidelines for the preparation of standard routine methods with wavelength-dispersive X-ray fluorescence spectrometry (CEN/TR 10377:2023)

## HZN/TO 505, Prijenos i distribucija plina

HRN EN 12583:2024 en pr  
Plinska infrastruktura – Kompresorske stanice – Funkcionalni zahtjevi (EN 12583:2022+A1:2024)  
Gas Infrastructure – Compressor stations – Functional requirements (EN 12583:2022+A1:2024)

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

HRN EN ISO 10855-1:2024 en pr  
Odobalni kontejneri i pripadajući pribor za dizanje – 1. dio: Projektiranje, proizvodnja i označavanje odobalnih kontejnera (ISO 10855-1:2024; EN ISO 10855-1:2024)  
Offshore containers and associated lifting sets – Part 1: Design, manufacture and marking of offshore containers (ISO 10855-1:2024; EN ISO 10855-1:2024)

HRN EN ISO 10855-2:2024 en pr  
Odobalni kontejneri i pripadajući pribor za dizanje – 2. dio: Projektiranje, proizvodnja i označavanje pribora za dizanje (ISO 10855-2:2024; EN ISO 10855-2:2024)  
Offshore containers and associated lifting sets – Part 2: Design, manufacture and marking of lifting sets (ISO 10855-2:2024; EN ISO 10855-2:2024)

HRN EN ISO 10855-3:2024 en pr  
Odobalni kontejneri i pripadajući pribor za dizanje – 3. dio: Periodička inspekcija, provjera i ispitivanje (ISO 10855-3:2024; EN ISO 10855-3:2024)  
Offshore containers and associated lifting sets – Part 3: Periodic inspection, examination and testing (ISO 10855-3:2024; EN ISO 10855-3:2024)

## HZN/TO 524, Inteligentni transportni sustavi

HRN EN 17184:2024 en pr  
Inteligentni transportni sustavi – Elektronička sigurnost – Protokoli više razine (HLAP) elektroničkim hitnim pozivom iz vozila uz upotrebu IP multimedijских podsustava u okruženju komutacijskih mreža (EN 17184:2024)  
Intelligent transport systems – eSafety – eCall High level application protocols (HLAP) using IP Multimedia Subsystem (IMS) over packet switched networks (EN 17184:2024)

## HZN/TO 526, Bitumenska veziva

HRN EN 1426:2024 en pr  
Bitumen i bitumenska veziva – Određivanje penetracije iglom (EN 1426:2024)  
Bitumen and bituminous binders – Determination of needle penetration (EN 1426:2024)

HRN EN 12607-1:2024 en pr  
Bitumen i bitumenska veziva – Određivanje otpornosti na otvrdnjivanje djelovanjem topline i zraka – 1. dio: RTFOT metoda (EN 12607-1:2024)  
Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 1: RTFOT method (EN 12607-1:2024)

## HZN/TO 528, Oprema za željeznice

HRN EN 14601:2024 en pr  
Željeznički sustav – Ravna i kutna završna crijeva za slavine kočnice i glavnog spremnika zraka (EN 14601:2024)  
Railway applications – Straight and angled end cocks for brake pipe and main reservoir pipe (EN 14601:2024)

HRN EN 45545-6:2024 en pr  
Željeznički sustav – Zaštita od požara na željezničkim vozilima – 6. dio: Nadzor i upravljanje protupožarnim sustavima (EN 45545-6:2024)  
Railway applications – Fire protection on railway vehicles – Part 6: Fire control and management systems (EN 45545-6:2024)

## **HZN/TO 529, Dizalice i prenosila neprekidne dobave**

HRN ISO 9374-1:2024 en pr  
Dizalice – Potrebne informacije – 1. dio: Općenito  
(ISO 9374-1:2024)  
Cranes – Information to be provided – Part 1: General  
(ISO 9374-1:2024)

HRN ISO 9374-4:2024 en pr  
Dizalice – Potrebne informacije – 4. dio: Dohvatne dizalice  
(ISO 9374-4:2024)  
Cranes – Information to be provided – Part 4: Jib cranes  
(ISO 9374-4:2024)

HRN ISO 12480-1:2024 en pr  
Dizalice – Sigurnost na radu – 1. dio: Općenito  
(ISO 12480-1:2024)  
Cranes – Safe use – Part 1: General (ISO 12480-1:2024)

HRN ISO 18893:2024 en pr  
Mobilne podizne platforme – Sigurnosna načela, pregled,  
održavanje i rukovanje (ISO 18893:2024)  
Mobile elevating work platforms – Safety principles,  
inspection, maintenance and operation (ISO 18893:2024)

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

HRN ISO 2232:2024 en pr  
Okrugle nelegirane žice za čeličnu užad opće namjene, za  
čeličnu užad velikoga promjera i čeličnu užad rudničkih dizala  
– Specifikacije (ISO 2232:2022)  
Round non-alloy steel wires for general purpose wire ropes,  
large diameter wire ropes and mine hoisting wire ropes  
– Specifications (ISO 2232:2022)

HRN ISO 2415:2024 en pr  
Kovani škopci za opće namjene podizanja – Ravni i trbušasti  
škopci (ISO 2415:2022)  
Forged shackles for general lifting purposes – Dee shackles  
and bow shackles (ISO 2415:2022)

HRN ISO 4344:2024 en pr  
Čelična užad za dizala – Minimalni zahtjevi (ISO 4344:2022)  
Steel wire ropes for lifts – Minimum requirements (ISO 4344:2022)

## **HZN/TO 531, Plastika i guma**

HRN ISO 48-4:2024 en pr  
Guma, vulkanizirana ili plastomerna – Određivanje tvrdoće  
– 4. dio: Metoda određivanja tvrdoće utiskivanjem s pomoću  
duromera (tvrdoća po Shore-u) (ISO 48-4:2018)  
Rubber, vulcanized or thermoplastic – Determination of  
hardness – Part 4: Indentation hardness by durometer  
method (Shore hardness) (ISO 48-4:2018)

HRN ISO 48-5:2024 en pr  
Guma, vulkanizirana ili plastomerna – Određivanje tvrdoće  
– 5. dio: Metoda određivanja tvrdoće utiskivanjem s pomoću  
IRHD džepnog mjerača (ISO 48-5:2018)  
Rubber, vulcanized or thermoplastic – Determination of  
hardness – Part 5: Indentation hardness by IRHD pocket  
meter method (ISO 48-5:2018)

HRN ISO 1817:2024 en pr  
Guma, vulkanizirana ili plastomerna – Određivanje utjecaja  
kapljevine (ISO 1817:2024)  
Rubber, vulcanized or thermoplastic – Determination of the  
effect of liquids (ISO 1817:2024)

HRN ISO 2878:2024 en pr  
Guma, vulkanizirana ili plastomerna – Antistatički proizvodi  
i proizvodi koji su električno provodljivi – Određivanje  
električne otpornosti (ISO 2878:2017)  
Rubber, vulcanized or thermoplastic – Antistatic and  
conductive products – Determination of electrical resistance  
(ISO 2878:2017)

HRN ISO 4649:2024 en pr  
Guma, vulkanizirana ili plastomerna – Određivanje abrazijske  
otpornosti uređajem s rotirajućim cilindričnim bubnjem  
(ISO 4649:2024)  
Rubber, vulcanized or thermoplastic – Determination of  
abrasion resistance using a rotating cylindrical drum device  
(ISO 4649:2024)

HRN EN 12608-4:2024 en pr  
Profili od krutog poli(vinil-klorida) (PVC-U) za proizvodnju  
vrata i prozora – Klasifikacija, zahtjevi i metode ispitivanja  
– 4. dio: PVC-U profili s termički nanesenom folijom  
(EN 12608-4:2024)  
Unplasticized poly(vinyl chloride) (PVC-U) profiles for  
the fabrication of windows and doors – Classification,  
requirements and test methods – Part 4: PVC-U profiles  
with thermo-laminated foils (EN 12608-4:2024)

HRN EN 12814-8:2024 en pr  
Ispitivanje zavarenih spojeva plastomernih poluproizvoda  
– 8. dio: Zahtjevi (EN 12814-8:2024)  
Testing of welded joints of thermoplastics semi-finished  
products – Part 8: Requirements (EN 12814-8:2024)

HRN EN ISO 17855-2:2024 en pr  
Plastika – Polietilenski (PE) injekcijski prešani i ekstruzijski  
materijali – 2. dio: Priprema ispitnih uzoraka i određivanje  
svojstava (ISO 17855-2:2024; EN ISO 17855-2:2024)  
Plastics – Polyethylene (PE) moulding and extrusion materials  
– Part 2: Preparation of test specimens and determination  
of properties (ISO 17855-2:2024; EN ISO 17855-2:2024)

HRN ISO 23794:2024 en pr  
Guma, vulkanizirana ili plastomerna – Abrazijska ispitivanja  
– Upute (ISO 23794:2023)  
Rubber, vulcanized or thermoplastic – Abrasion testing  
– Guidance (ISO 23794:2023)

## **HZN/TO 534, Spremnici za teret**

HRN EN 13160-2:2024 en pr  
Sustavi za otkrivanje propuštanja – 2. dio: Zahtjevi i metode  
ispitivanja/ocjenjivanja za tlačne i vakuumske sustave  
(EN 13160-2:2016+A1:2024)  
Leak detection systems – Part 2: Requirements and  
test/assessment methods for pressure and vacuum systems  
(EN 13160-2:2016+A1:2024)

HRN EN 13160-3:2024 en pr  
Sustavi za otkrivanje propuštanja – 3. dio: Zahtjevi i metode  
ispitivanja/ocjenjivanja za tekućinske sustave za spremnike  
(EN 13160-3:2016+A1:2024)  
Leak detection systems – Part 3: Requirements and  
test/assessment methods for liquid systems for tanks  
(EN 13160-3:2016+A1:2024)

HRN EN 13160-4:2024 en pr  
Sustavi za otkrivanje propuštanja – 4. dio: Zahtjevi i metode  
ispitivanja/ocjenjivanja sustava za otkrivanje propuštanja na  
temelju senzora (EN 13160-4:2016+A1:2024)  
Leak detection systems – Part 4: Requirements and  
test/assessment methods for sensor based leak detection  
systems (EN 13160-4:2016+A1:2024)

HRN EN 13160-5:2024 en pr  
Sustavi za otkrivanje propuštanja – 5. dio: Zahtjevi i metode  
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sustave cjevovoda pod tlakom (EN 13160-5:2016+A1:2024)  
Leak detection systems – Part 5: Requirements and  
test/assessment methods for in-tank gauge systems and  
pressurised pipework systems (EN 13160-5:2016+A1:2024)

HRN EN 13160-7:2024 en pr  
Sustavi za otkrivanje propuštanja – 7. dio: Zahtjevi i metode  
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otkrivanje propuštanja i dvostruke plašteve za otkrivanje  
propuštanja (EN 13160-7:2016+A1:2024)  
Leak detection systems – Part 7: Requirements and  
test/assessment methods for interstitial spaces,  
leak detection linings and leak detection jackets  
(EN 13160-7:2016+A1:2024)

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

HRN EN 673:2024 en pr  
Staklo u graditeljstvu – Određivanje koeficijenta prolaska topline (U vrijednost) – Metoda proračuna (EN 673:2024)  
Glass in building – Determination of thermal transmittance (U value) – Calculation method (EN 673:2024)

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

HRN EN ISO 7499:2024 en pr  
Tehnička dokumentacija proizvoda (TPD) – Jedinstveno označavanje integralnih obilježja (UIFI) (ISO 7499:2024; EN ISO 7499:2024)  
Technical product documentation (TPD) – Unique integral feature identification (UIFI) (ISO 7499:2024; EN ISO 7499:2024)

HRN EN ISO 7533:2024 en pr  
Tehnička dokumentacija proizvoda (TPD) – Označavanje specifikacija u tehničkoj dokumentaciji proizvoda (TPD) (ISO 7533:2024; EN ISO 7533:2024)  
Technical product documentation (TPD) – Identification of specifications in the technical product documentation (TPD) (ISO 7533:2024; EN ISO 7533:2024)

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

HRN EN 16211:2024 en pr  
Ventilacija u zgradama – Mjerenje protoka zraka na licu mjesta – Metode (EN 16211:2024)  
Ventilation for buildings – Measurement of air flow rates on site – Methods (EN 16211:2024)

## **HZN/TO 543, Poštanske usluge**

HRS CEN/TS 18055-1:2024 en pr  
Poštanske usluge – Usklađeni događaji praćenja i sljedivosti – 1. dio: Tokovi pošiljaka prema primatelju (CEN/TS 18055-1:2024)  
Postal services – Harmonized track and trace events – Part 1: Forward flow (CEN/TS 18055-1:2024)

## **HZN/TO 544, Strojni elementi**

HRN ISO 12131-2:2024 en pr  
Klizni ležajevi – Hidrodinamički aksijalni ležajevi s nepomičnim segmentima u ustaljenom radu – 2. dio: Funkcije za proračun aksijalnih ležajeva s nepomičnim segmentima (ISO 12131-2:2023)  
Plain bearings – Hydrodynamic plain thrust pad bearings under steady-state conditions – Part 2: Functions for the calculation of thrust pad bearings (ISO 12131-2:2023)

HRN ISO 14635-1:2024 en pr  
Zupčanci – Postupci FZG ispitivanja – 1. dio: Metoda ispitivanja FZG A/8,3/90 za određivanje relativne nosivosti ulja s obzirom na zaribavanje (ISO 14635-1:2023)  
Gears – FZG test procedures – Part 1: FZG test method A/8,3/90 for relative scuffing load-carrying capacity of oils (ISO 14635-1:2023)

HRN ISO 14635-2:2024 en pr  
Zupčanci – Postupci FZG ispitivanja – 2. dio: Ispitivanje sa stupnjevitim opterećivanjem FZG A10/16, 6R/120 za određivanje relativne nosivosti visokokvalitetnih ulja za ekstremne tlakove s obzirom na zaribavanje (ISO 14635-2:2023)  
Gears – FZG test procedures – Part 2: FZG step load test A10/16, 6R/120 for relative scuffing load-carrying capacity of high EP oils (ISO 14635-2:2023)

HRN ISO 14635-3:2024 en pr  
Zupčanci – Postupci FZG ispitivanja – 3. dio: Metoda ispitivanja FZG A/2,8/50 za određivanje relativne nosivosti polutekućih zupčaničkih masti s obzirom na zaribavanje i njihovih svojstava s obzirom na trošenje (ISO 14635-3:2023)  
Gears – FZG test procedures – Part 3: FZG test method A/2,8/50 for relative scuffing load-carrying capacity and wear characteristics of semifluid gear greases (ISO 14635-3:2023)

## **HZN/TO 546, Očuvanje kulturne baštine**

HRN EN 16141:2024 en pr  
Očuvanje kulturne baštine – Smjernice za upravljanje uvjetima okoliša – Objekti za skladištenje zbirki: definicije i značajke zgrada namijenjenih očuvanju kulturne baštine i upravljanju njome (EN 16141:2024)  
Conservation of cultural heritage – Guidelines for management of environmental conditions – Collection storage facilities: definitions and characteristics of buildings dedicated to the preservation and management of cultural heritage (EN 16141:2024)

## **HZN/TO 549, Svjetlo i rasvjeta**

HRN EN 12464-2:2024 en pr  
Svjetlo i rasvjeta – Rasvjeta radnih mjesta – 2. dio: Vanjski radni prostori (EN 12464-2:2024)  
Light and lighting – Lighting of work places – Part 2: Outdoor work places (EN 12464-2:2024)

## **HZN/TO 551, Gradnja**

HRN EN 17632-2:2024 en pr  
Informacijsko modeliranje građevina/gradnje (BIM) – Semantičko modeliranje i povezivanje (SML) – 2. dio: Uzorci za modeliranje specifični za domenu (EN 17632-2:2024)  
Building Information Modelling (BIM) – Semantic Modelling and Linking (SML) – Part 2: Domain-specific modelling patterns (EN 17632-2:2024)

## **HZN/TO 554, Obrada otpadnih voda**

HRN EN 12255-1:2024 en pr  
Uređaji za pročišćavanje otpadnih voda – 1. dio: Opća načela projektiranja i gradnje (EN 12255-1:2024)  
Wastewater treatment plants – Part 1: General design and construction principles (EN 12255-1:2024)

## **HZN/TO 555, Medicinski proizvodi**

HRN EN ISO 80369-20:2024 en pr  
Spojnice malog promjera za tekućine i plinove za primjenu u zdravstvu – 20. dio: Opće metode ispitivanja (ISO 80369-20:2024; EN ISO 80369-20:2024)  
Small-bore connectors for liquids and gases in healthcare applications – Part 20: Common test methods (ISO 80369-20:2024; EN ISO 80369-20:2024)

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

HRN EN ISO 5640:2024 en pr  
Industrijski zaporni uređaji – Ugradbeni setovi za spajanje dodataka dijelom okretnog aktuatora ventila (ISO 5640:2024; EN ISO 5640:2024)  
Industrial valves – Mounting kits for part-turn valve actuator attachment (ISO 5640:2024; EN ISO 5640:2024)

## **HZN/TO 560, Tekstilni proizvodi**

HRN EN ISO 9073-7:2024 en pr  
Netkani tekstil – Metode ispitivanja – 7. dio: Određivanje savojne duljine (ISO 9073-7:2024; EN ISO 9073-7:2024)  
Nonwovens – Test methods – Part 7: Determination of bending length (ISO 9073-7:2024; EN ISO 9073-7:2024)

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

HRN EN 13480-1:2024 en pr  
Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2024)  
Metallic industrial piping – Part 1: General (EN 13480-1:2024)

HRN EN 13480-2:2024 en pr  
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2024)  
Metallic industrial piping – Part 2: Materials (EN 13480-2:2024)

HRN EN 13480-3:2024 en pr  
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun (EN 13480-3:2024)  
Metallic industrial piping – Part 3: Design and calculation (EN 13480-3:2024)

HRN EN 13480-4:2024 en pr  
Metalni industrijski cjevovodi – 4. dio: Izrada i ugradnja  
(EN 13480-4:2024)  
Metallic industrial piping – Part 4: Fabrication and installation  
(EN 13480-4:2024)

HRN EN 13480-5:2024 en pr  
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje  
(EN 13480-5:2024)  
Metallic industrial piping – Part 5: Inspection and testing  
(EN 13480-5:2024)

HRN EN 13480-6:2024 en pr  
Metalni industrijski cjevovodi – 6. dio: Dodatni zahtjevi za  
ukupane cjevovode (EN 13480-6:2024)  
Metallic industrial piping – Part 6: Additional requirements for  
buried piping (EN 13480-6:2024)

HRN EN 13480-8:2024 en pr  
Metalni industrijski cjevovodi – 8. dio: Dodatni zahtjevi za  
cjevovode od aluminija i aluminijevih legura (EN 13480-8:2024)  
Metallic industrial piping – Part 8: Additional requirements for  
aluminium and aluminium alloy piping (EN 13480-8:2024)

HRN EN 14071:2024 en pr  
Oprema i pribor za UNP – Sigurnosni ventili za posude pod  
tlakom za UNP – Pomoćna oprema (EN 14071:2024)  
LPG equipment and accessories – Pressure relief valves for  
LPG pressure vessels – Ancillary equipment (EN 14071:2024)

HRN EN 14129:2024 en pr  
Oprema i pribor za UNP – Sigurnosni ventili za posude pod  
tlakom za UNP (EN 14129:2024)  
LPG Equipment and accessories – Pressure relief valves for  
LPG pressure vessels (EN 14129:2024)

HRN EN 17339:2024 en pr  
Prenosive plinske boce – Kompozitne boce i cilindrični  
spremnici za vodik ojačani prstenovima i potpuno omotani  
ugljičnim vlaknima (EN 17339:2024)  
Transportable gas cylinders – Hoop wrapped and fully  
wrapped carbon composite cylinders and tubes for hydrogen  
(EN 17339:2024)

### **HZN/TO 567, Meso, meso peradi, jaja i njihovi proizvodi, ribe, proizvodi ribarstva i akvakultura**

HRN EN 17988-1:2024 en pr  
Kružni dizajn ribolovnog alata i opreme za akvakulturu  
– 1. dio: Opći zahtjevi i smjernice (EN 17988-1:2024)  
Circular design of fishing gear and aquaculture equipment  
– Part 1: General requirements and guidance (EN 17988-1:2024)

HRN EN 17988-2:2024 en pr  
Kružni dizajn ribolovnog alata i opreme za akvakulturu  
– 2. dio: Korisnički priručnik i označavanje (EN 17988-2:2024)  
Circular design of fishing gear and aquaculture equipment  
– Part 2: User manual and labelling (EN 17988-2:2024)

HRN EN 17988-3:2024 en pr  
Kružni dizajn ribolovnog alata i opreme za akvakulturu  
– 3. dio: Tehnički zahtjevi i smjernice (EN 17988-3:2024)  
Circular design of fishing gear and aquaculture equipment  
– Part 3: Technical requirements and guidelines  
(EN 17988-3:2024)

HRN EN 17988-4:2024 en pr  
Kružni dizajn ribolovnog alata i opreme za akvakulturu  
– 4. dio: Okolišni i zahtjevi kružnog gospodarstva i smjernice  
(EN 17988-4:2024)  
Circular design of fishing gear and aquaculture equipment  
– Part 4: Environmental and circularity requirements and  
guidelines (EN 17988-4:2024)

HRN EN 17988-5:2024 en pr  
Kružni dizajn ribolovnog alata i opreme za akvakulturu  
– 5. dio: Model kružnog gospodarstva (EN 17988-5:2024)  
Circular design of fishing gear and aquaculture equipment  
– Part 5: Circular business model (EN 17988-5:2024)

HRN EN 17988-6:2024 en pr  
Kružni dizajn ribolovnog alata i opreme za akvakulturu – 6. dio:  
Zahtjevi i smjernice za digitalizaciju informacija o dijelovima  
ribolovnog alata i opreme za akvakulturu (EN 17988-6:2024)  
Circular design of fishing gear and aquaculture equipment  
– Part 6: Requirements and guidelines for digitalization of  
information of components of fishing gear and aquaculture  
equipment (EN 17988-6:2024)

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

HRN EN ISO 16140-7:2024 en pr  
Mikrobiologija u lancu hrane – Validacija metode – 7. dio:  
Protokol validacije metoda identifikacije mikroorganizama  
(ISO 16140-7:2024; EN ISO 16140-7:2024)  
Microbiology of the food chain – Method validation – Part 7:  
Protocol for the validation of identification methods of  
microorganisms (ISO 16140-7:2024; EN ISO 16140-7:2024)

HRN EN 16466-1:2024 en pr  
Izvornost hrane – Analiza izotopa octene kiseline i vode u octu  
– 1. dio: 2H-NMR analiza octene kiseline (EN 16466-1:2024)  
Food authenticity – Isotopic analysis of acetic acid and  
water in vinegar – Part 1: 2H-NMR analysis of acetic acid  
(EN 16466-1:2024)

HRN EN 17958:2024 en pr  
Izvornost hrane – Određivanje d13C vrijednosti mono-  
(fruktoze i glukoze), di- i trisaharida u medu tehnikom  
tekućinske kromatografije spregnute sa spektrometrijom  
masa omjera stabilnih izotopa (LC-IRMS) (EN 17958:2024)  
Food authenticity – Determination of the d13C value of mono-  
(fructose and glucose), di-, and trisaccharides in honey by  
liquid chromatography-isotope ratio mass spectrometry  
(LC-IRMS) (EN 17958:2024)

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

HRN EN ISO 25649-1:2024 en pr  
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi  
i u vodi – 1. dio: Klasifikacija, materijali, osnovni zahtjevi i  
metode ispitivanja (ISO 25649-1:2024; EN ISO 25649-1:2024)  
Floating leisure articles for use on and in the water – Part 1:  
Classification, materials, general requirements and test  
methods (ISO 25649-1:2024; EN ISO 25649-1:2024)

HRN EN ISO 25649-2:2024 en pr  
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i  
u vodi – 2. dio: Obavijesti za potrošače (ISO 25649-2:2024;  
EN ISO 25649-2:2024)  
Floating leisure articles for use on and in the water  
– Part 2: Consumer information (ISO 25649-2:2024;  
EN ISO 25649-2:2024)

HRN EN ISO 25649-3:2024 en pr  
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i  
u vodi – 3. dio: Dodatni posebni sigurnosni zahtjevi i metode  
ispitivanja za naprave A kategorije (ISO 25649-3:2024;  
EN ISO 25649-3:2024)  
Floating leisure articles for use on and in the water – Part 3:  
Additional specific safety requirements and test methods for  
Class A devices (ISO 25649-3:2024; EN ISO 25649-3:2024)

HRN EN ISO 25649-4:2024 en pr  
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i  
u vodi – 4. dio: Dodatni posebni sigurnosni zahtjevi i metode  
ispitivanja za naprave B kategorije (ISO 25649-4:2024;  
EN ISO 25649-4:2024)  
Floating leisure articles for use on and in the water – Part 4:  
Additional specific safety requirements and test methods for  
Class B devices (ISO 25649-4:2024; EN ISO 25649-4:2024)

HRN EN ISO 25649-5:2024 en pr  
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 5. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave C kategorije (ISO 25649-5:2024; EN ISO 25649-5:2024)  
Floating leisure articles for use on and in the water – Part 5: Additional specific safety requirements and test methods for Class C devices (ISO 25649-5:2024; EN ISO 25649-5:2024)

HRN EN ISO 25649-6:2024 en pr  
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 6. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave D kategorije (ISO 25649-6:2024; EN ISO 25649-6:2024)  
Floating leisure articles for use on and in the water – Part 6: Additional specific safety requirements and test methods for Class D devices (ISO 25649-6:2024; EN ISO 25649-6:2024)

HRN EN ISO 25649-7:2024 en pr  
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 7. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave E kategorije (ISO 25649-7:2024; EN ISO 25649-7:2024)  
Floating leisure articles for use on and in the water – Part 7: Additional specific safety requirements and test methods for Class E devices (ISO 25649-7:2024; EN ISO 25649-7:2024)

### **HZN/TO 576, Psi pomagači**

HRN EN 17984-6:2024 en pr  
Psi pomagači – 6. dio: Pristupačnost i univerzalni pristup (EN 17984-6:2024)  
Assistance dogs – Part 6: Accessibility and universal access (EN 17984-6:2024)

### **HZN/TO E9, Električna oprema za željeznicu**

HRN EN 50126-1:2017/A1:2024 en pr  
Željeznički sustav – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 1. dio: Generički postupak RAMS-a (EN 50126-1:2017/A1:2024)  
Railway Applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Generic RAMS Process (EN 50126-1:2017/A1:2024)

HRN EN 50126-2:2017/A1:2024 en pr  
Željeznički sustav – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 2. dio: Sustavni pristup sigurnosti (EN 50126-2:2017/A1:2024)  
Railway Applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 2: Systems Approach to Safety (EN 50126-2:2017/A1:2024)

HRN EN 50617-1:2024 en pr  
Željeznički sustav – Tehnički parametri sustava za detekciju vlaka – 1. dio: Kolosiječni strujni krugovi (EN 50617-1:2024)  
Railway applications – Technical parameters of train detection systems for the interoperability of the trans-European railway system – Part 1: Track circuits (EN 50617-1:2024)

### **HZN/TO E10, Fluidi za primjenu u elektrotehnici**

HRN EN IEC 62770:2024 en pr  
Tekućine za primjenu u elektrotehnici – Novi prirodni esteri za transformatore i sličnu električnu opremu (IEC 62770:2024; EN IEC 62770:2024)  
Fluids for electrotechnical applications – Unused natural esters for transformers and similar electrical equipment (IEC 62770:2024; EN IEC 62770:2024)

### **HZN/TO E17, Sklopni i upravljački uređaji**

HRN EN IEC 61439-3:2024 en pr  
Niskonaponski sklopni blokovi – 3. dio: Razvodni blokovi namijenjeni da njima upravljaju i nestručne osobe (DBO) (IEC 61439-3:2024; EN IEC 61439-3:2024)  
Low-voltage switchgear and controlgear assemblies – Part 3: Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2024; EN IEC 61439-3:2024)

### **HZN/TO E34, Žarulje, svjetiljke i pripadna oprema**

HRN EN IEC 62471-7:2023/Ispr.2:2024 en pr  
Fotobiološka sigurnost lampi i sustava s lampama – 7. dio: Izvori svjetla i svjetiljke koje primarno emitiraju vidljivo zračenje (IEC 62471-7:2023/Corr.2:2024; EN IEC 62471-7:2023/AC:2024)  
Photobiological safety of lamps and lamp systems – Part 7: Light sources and luminaires primarily emitting visible radiation (IEC 62471-7:2023/Corr.2:2024; EN IEC 62471-7:2023/AC:2024)

### **HZN/TO E55, Žice za namote**

HRN EN IEC 60317-27-1:2020/A1:2024 en pr  
Specifikacije pojedinih vrsta žica za namote – Dio 27-1: Okrugla bakrena žica prekrivena papirnom trakom (IEC 60317-27-1:2020/am1:2024; EN IEC 60317-27-1:2020/A1:2024)  
Specifications for particular types of winding wires – Part 27-1: Paper tape covered round copper wire (IEC 60317-27-1:2020/am1:2024; EN IEC 60317-27-1:2020/A1:2024)

### **HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata**

HRN EN 50570:2014/A2:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Posebni zahtjevi za komercijalne električne sušilice rublja s bubnjem (EN 50570:2013/A2:2024)  
Household and similar electrical appliances – Safety – Particular requirements for commercial electric tumble dryers (EN 50570:2013/A2:2024)

HRN EN 50571:2014/A2:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Posebni zahtjevi za komercijalne električne perlice rublja (EN 50571:2013/A2:2024)  
Household and similar electrical appliances – Safety – Particular requirements for commercial electric washing machines (EN 50571:2013/A2:2024)

HRN EN IEC 60335-2-102:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-102: Posebni zahtjevi za aparate na plinovito, uljno i kruto gorivo s električnim priključkom (IEC 60335-2-102:2017; EN IEC 60335-2-102:2024)  
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (IEC 60335-2-102:2017; EN IEC 60335-2-102:2024)

HRN EN IEC 60335-2-102:2024/A11:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-102: Posebni zahtjevi za aparate na plinovito, uljno i kruto gorivo s električnim priključkom (EN IEC 60335-2-102:2024/A11:2024)  
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (EN IEC 60335-2-102:2024/A11:2024)

HRN EN 60335-2-38:2006/A11:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-38: Posebni zahtjevi ugostiteljskih električnih dodirnih roštilja (EN 60335-2-38:2003/A11:2024)  
Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills (EN 60335-2-38:2003/A11:2024)

HRN EN 60335-2-38:2006/A2:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-38: Posebni zahtjevi za ugostiteljske električne dodirne roštilje (IEC 60335-2-38:2002/am2:2017; EN 60335-2-38:2003/A2:2024)  
Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills (IEC 60335-2-38:2002/am2:2017; EN 60335-2-38:2003/A2:2024)



HRN EN 60335-2-42:2006/A12:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-42: Posebni zahtjevi za ugostiteljske električne pećnice s puhalom, parne tlačne pećnice i konvekcijske parne pećnice (EN 60335-2-42:2003/A12:2024)  
Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens (EN 60335-2-42:2003/A12:2024)

HRN EN 60335-2-42:2006/A2:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-42: Posebni zahtjevi za ugostiteljske električne pećnice s puhalom, parne tlačne pećnice i konvekcijske parne pećnice (IEC 60335-2-42:2002/A2:2017; EN 60335-2-42:2003/A2:2024)  
Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens (IEC 60335-2-42:2002/A2:2017; EN 60335-2-42:2003/A2:2024)

HRN EN IEC 60335-2-80:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-80: Posebni zahtjevi za ventilatore (IEC 60335-2-80:2015; EN IEC 60335-2-80:2024)  
Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans (IEC 60335-2-80:2015; EN IEC 60335-2-80:2024)

HRN EN IEC 60335-2-80:2024/A11:2024 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-80: Posebni zahtjevi za ventilatore (EN IEC 60335-2-80:2024/A11:2024)  
Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans (EN IEC 60335-2-80:2024/A11:2024)

#### **HZN/TO E62, Električna oprema u medicinskoj praksi**

HRN EN IEC 60601-2-37:2024 en pr  
Medicinska električna oprema – Dio 2-37: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke ultrazvučne opreme za dijagnostiku i nadzor (IEC 60601-2-37:2024; EN IEC 60601-2-37:2024)  
Medical electrical equipment – Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment (IEC 60601-2-37:2024; EN IEC 60601-2-37:2024)

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

HRN EN IEC 61010-2-201:2024 en pr  
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-201: Posebni zahtjevi za upravljačku opremu (IEC 61010-2-201:2024; EN IEC 61010-2-201:2024)  
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-201: Particular requirements for control equipment (IEC 61010-2-201:2024; EN IEC 61010-2-201:2024)

HRN EN IEC 61784-3-19:2024 en pr  
Industrijske komunikacijske mreže – Profili – Dio 3-19: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 19 (IEC 61784-3-19:2024; EN IEC 61784-3-19:2024)  
Industrial communication networks – Profiles – Part 3-19: Functional safety fieldbuses – Additional specifications for CPF 19 (IEC 61784-3-19:2024; EN IEC 61784-3-19:2024)

HRN EN IEC 61987-1:2024 en pr  
Mjerenje i vođenje industrijskih procesa – Strukture podataka i elemenata u katalogima procesne opreme – 1. dio: Opće strukture za mjernu opremu (EN IEC 61987-1:2024; EN IEC 61987-1:2024)  
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 1: Generic structures for measuring equipment (EN IEC 61987-1:2024; EN IEC 61987-1:2024)

HRN EN IEC 63339:2024 en pr  
Jedinstveni referentni model za pametnu proizvodnju (IEC 63339:2024; EN IEC 63339:2024)  
Unified reference model for smart manufacturing (IEC 63339:2024; EN IEC 63339:2024)

#### **HZN/TO E69, Cestovna i industrijska električna vozila**

HRN EN 61851-21-1:2017/Ispr.1:2024 en pr  
Sustav kontaktnog punjenja električnih vozila – Dio 21-1: Zahtjevi za elektromagnetsku kompatibilnost punjača na električnom vozilu, za kontaktnu vezu na istosmjerno-izmjenični izvor (EN 61851-21-1:2017/AC:2017)  
Electric vehicle conductive charging system – Part 21-1: Electric vehicle on-board charger EMC requirements for conductive connection to an AC/DC supply (EN 61851-21-1:2017/AC:2017)

#### **HZN/TO T4, Normizacija u telekomunikacijama**

HRN EN 301 489-28 V2.1.1:2024 en pr  
Norma za elektromagnetsku kompatibilnost (EMC) za radijsku opremu i službe – 28. dio: Posebni zahtjevi za bežične digitalne videoveze – Harmonizirana norma za elektromagnetsku kompatibilnost (EN 301 489-28 V2.1.1:2024)  
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 28: Specific conditions for wireless digital video links – Harmonised Standard for ElectroMagnetic Compatibility (EN 301 489-28 V2.1.1:2024)

HRN EN 301 489-52 V1.3.1:2024 en pr  
Norma elektromagnetske kompatibilnosti (EMC) za radijsku opremu i usluge – 52. dio: Posebni uvjeti za korisničku radijsku i pomoćnu opremu za celularnu komunikaciju – Harmonizirana norma za elektromagnetsku kompatibilnost (EN 301 489-52 V1.3.1:2024)  
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment – Harmonised Standard for ElectroMagnetic Compatibility (EN 301 489-52 V1.3.1:2024)

HRN EN 301 893 V2.2.1:2024 en pr  
5 GHz WAS/RLAN – Harmonizirana norma za pristup radijskom spektru (EN 301 893 V2.2.1:2024)  
5 GHz WAS/RLAN – Harmonised Standard for access to radio spectrum (EN 301 893 V2.2.1:2024)

HRN EN 303 800-5 V1.1.1:2024 en pr  
Inženjerstvo okoliša (EE) – Procjena materijalne učinkovitosti proizvoda koji se odnose na mrežnu infrastrukturu IKT-a (kružno gospodarstvo) – 5. dio: Rastavljanje i upute za rastavljanje poslužitelja i proizvoda za pohranu podataka (EN 303 800-5 V1.1.1:2024)  
Environmental Engineering (EE) – Assessment of material efficiency of ICT network infrastructure goods (circular economy) – Part 5: Server and data storage product disassembly and disassembly instruction (EN 303 800-5 V1.1.1:2024)

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

HRN EN 14499:2024 en pr  
Tekstilne podne obloge – Razredba podslojeva tepiha (EN 14499:2024)  
Textile floor coverings – Classification of carpet underlays (EN 14499:2024)

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

HRN EN ISO 4628-3:2024 en pr  
Boje i lakovi – Vrednovanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 3. dio: Procjena stupnja hrđanja (ISO 4628-3:2024; EN ISO 4628-3:2024)  
Paints and varnishes – Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 3: Assessment of degree of rusting (ISO 4628-3:2024; EN ISO 4628-3:2024)

- HRN EN 17700-1:2024 en pr  
Biljni biostimulansi – Tvrdnje – 1. dio: Opća načela (EN 17700-1:2024)  
Plant biostimulants – Claims – Part 1: General principles (EN 17700-1:2024)
- HRN EN 17700-2:2024 en pr  
Biljni biostimulansi – Tvrdnje – 2. dio: Učinkovitost iskorištavanja hranjivih tvari koja proizlazi iz upotrebe biljnog biostimulansa (EN 17700-2:2024)  
Plant biostimulants – Claims – Part 2: Nutrient use efficiency resulting from the use of a plant biostimulant (EN 17700-2:2024)
- HRN EN 17700-3:2024 en pr  
Biljni biostimulansi – Tvrdnje – 3. dio: Otpornost na abiotski stres koja proizlazi iz upotrebe biljnog biostimulansa (EN 17700-3:2024)  
Plant biostimulants – Claims – Part 3: Tolerance to abiotic stress resulting from the use of a plant biostimulant (EN 17700-3:2024)
- HRN EN 17700-4:2024 en pr  
Biljni biostimulansi – Tvrdnje – 4. dio: Određivanje obilježja kvalitete koja proizlaze iz upotrebe biljnog biostimulansa (EN 17700-4:2024)  
Plant biostimulants – Claims – Part 4: Determination of quality traits resulting from the use of a plant biostimulant (EN 17700-4:2024)
- HRN EN 17700-5:2024 en pr  
Biljni biostimulansi – Tvrdnje – 5. dio: Određivanje dostupnosti hranjivih tvari zarobljenih u tlu ili rizosferi (EN 17700-5:2024)  
Plant biostimulants – Claims – Part 5: Determination of availability of confined nutrients in the soil or rhizosphere (EN 17700-5:2024)
- HRN EN 17701-1:2024 en pr  
Biljni biostimulansi – Određivanje odabranih elemenata – 1. dio: Digestija zlatotopkom za naknadno određivanje elemenata (EN 17701-1:2024)  
Plant biostimulants – Determination of specific elements – Part 1: Digestion by aqua regia for subsequent determination of elements (EN 17701-1:2024)
- HRN EN 17701-2:2024 en pr  
Biljni biostimulansi – Određivanje odabranih elemenata – 2. dio: Određivanje ukupnog sadržaja Cd, Pb, Ni, As, Cr, Cu i Zn (EN 17701-2:2024)  
Plant biostimulants – Determination of specific elements – Part 2: Determination of total content of Cd, Pb, Ni, As, Cr, Cu and Zn (EN 17701-2:2024)
- HRN EN 17701-3:2024 en pr  
Biljni biostimulansi – Određivanje odabranih elemenata – 3. dio: Određivanje žive (EN 17701-3:2024)  
Plant biostimulants – Determination of specific elements – Part 3: Determination of mercury (EN 17701-3:2024)
- HRN EN 17702-1:2024 en pr  
Biljni biostimulansi – Uzorkovanje i priprema uzoraka – 1. dio: Uzorkovanje (EN 17702-1:2024)  
Plant biostimulants – Sampling and sample preparation – Part 1: Sampling (EN 17702-1:2024)
- HRN EN 17702-2:2024 en pr  
Biljni biostimulansi – Uzorkovanje i priprema uzoraka – 2. dio: Priprema uzoraka (EN 17702-2:2024)  
Plant biostimulants – Sampling and sample preparation – Part 2: Sample preparation (EN 17702-2:2024)
- HRN EN 17703:2024 en pr  
Biljni biostimulansi – Određivanje kroma (VI) (EN 17703:2024)  
Plant biostimulants – Determination of chromium(VI) (EN 17703:2024)
- HRN EN 17704:2024 en pr  
Biljni biostimulansi – Određivanje suhe tvari (EN 17704:2024)  
Plant biostimulants – Determination of dry matter (EN 17704:2024)
- HRN EN 17705:2024 en pr  
Biljni biostimulansi – Određivanje fosfonata (EN 17705:2024)  
Plant biostimulants – Determination of phosphonates (EN 17705:2024)
- HRN EN 17706:2024 en pr  
Biljni biostimulansi – Određivanje anorganskog arsena (EN 17706:2024)  
Plant biostimulants – Determination of inorganic arsenic (EN 17706:2024)
- HRN EN 17707:2024 en pr  
Biljni biostimulansi – Određivanje sadržaja kvasaca i plijesni (EN 17707:2024)  
Plant biostimulants – Determination of the yeast and mould content (EN 17707:2024)
- HRN EN 17708:2024 en pr  
Biljni biostimulansi – Priprema uzoraka za mikrobiološku analizu (EN 17708:2024)  
Plant biostimulants – Preparation of sample for microbial analysis (EN 17708:2024)
- HRN EN 17709:2024 en pr  
Biljni biostimulansi – Određivanje broja Azotobacter spp. (EN 17709:2024)  
Plant biostimulants – Determination of Azobacter spp. (EN 17709:2024)
- HRN EN 17710:2024 en pr  
Biljni biostimulansi – Dokazivanje Listeria monocytogenes (EN 17710:2024)  
Plant biostimulants – Detection of Listeria monocytogenes (EN 17710:2024)
- HRN EN 17711:2024 en pr  
Biljni biostimulansi – Dokazivanje Vibrio spp. (EN 17711:2024)  
Plant biostimulants – Detection of Vibrio spp. (EN 17711:2024)
- HRN EN 17712:2024 en pr  
Biljni biostimulansi – Dokazivanje Staphylococcus aureus (EN 17712:2024)  
Plant biostimulants – Detection of Staphylococcus aureus (EN 17712:2024)
- HRN EN 17713:2024 en pr  
Biljni biostimulansi – Određivanje broja Azospirillum spp. (EN 17713:2024)  
Plant biostimulants – Determination of Azospirillum spp. (EN 17713:2024)
- HRN EN 17714:2024 en pr  
Biljni biostimulansi – Određivanje koncentracije mikroorganizama (EN 17714:2024)  
Plant biostimulants – Determination of microorganisms' concentration (EN 17714:2024)
- HRN EN 17715:2024 en pr  
Biljni biostimulansi – Dokazivanje Shigella spp. (EN 17715:2024)  
Plant biostimulants – Detection of Shigella spp. (EN 17715:2024)
- HRN EN 17716:2024 en pr  
Biljni biostimulansi – Određivanje broja Escherichia coli (EN 17716:2024)  
Plant biostimulants – Determination of Escherichia coli (EN 17716:2024)
- HRN EN 17717:2024 en pr  
Biljni biostimulansi – Dokazivanje Salmonella spp. (EN 17717:2024)  
Plant biostimulants – Detection of Salmonella spp. (EN 17717:2024)
- HRN EN 17718:2024 en pr  
Biljni biostimulansi – Određivanje broja Rhizobium spp. (EN 17718:2024)  
Plant biostimulants – Determination of Rhizobium spp. (EN 17718:2024)

HRN EN 17719:2024 en pr  
Biljni biostimulansi – Određivanje broja anaerobnih mikroorganizama (EN 17719:2024)  
Plant biostimulants – Determination of the anaerobic plate count (EN 17719:2024)

HRN EN 17720:2024 en pr  
Biljni biostimulansi – Određivanje broja enterokoka (EN 17720:2024)  
Plant biostimulants – Determination of enterococci (EN 17720:2024)

HRN EN 17721:2024 en pr  
Biljni biostimulansi – Određivanje pH vrijednosti tekućih mikrobnih biljnih biostimulansa/pH vrijednosti u mikrobnim proizvodima – Određivanje pH vrijednosti (EN 17721:2024)  
Plant biostimulants – Determination of the pH for liquid microbial plant biostimulants/pH in microbial products – Determination of pH (EN 17721:2024)

HRN EN 17722:2024 en pr  
Biljni biostimulansi – Određivanje mikoriznih gljivica (EN 17722:2024)  
Plant biostimulants – Determination of mycorrhizal fungi (EN 17722:2024)

HRN EN 17723:2024 en pr  
Biljni biostimulansi – Određivanje klorida (EN 17723:2024)  
Plant biostimulants – Determination of chloride (EN 17723:2024)

HRN EN 17724:2024 en pr  
Biljni biostimulansi – Nazivlje (EN 17724:2024)  
Plant biostimulants – Terminology (EN 17724:2024)

HRN EN 17725:2024 en pr  
Biljni biostimulansi – Određivanje količine (označene masom ili volumenom) (EN 17725:2024)  
Plant biostimulants – Determination of the quantity (indicated by mass or volume) (EN 17725:2024)

HRN EN ISO 19397:2024 en pr  
Boje i lakovi – Određivanje debljine filma premaza uporabom ultrazvučnog mjerila (ISO 19397:2024; EN ISO 19397:2024)  
Paints and varnishes – Determination of the film thickness of coatings using an ultrasonic gauge (ISO 19397:2024; EN ISO 19397:2024)

## HZN/TU I2, *Strojarstvo 2*

HRN EN 1860-1:2024 en pr  
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja (EN 1860-1:2024)  
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods (EN 1860-1:2024)

## HZN/TU N1, *Nemetalni materijali 1*

HRN EN 16916:2024 en pr  
Materijali koji se dobivaju od otpadnih guma – Određivanje posebnih zahtjeva za uzorkovanje i određivanje sadržaja vlage metodom sušenja u sušioniku (EN 16916:2024)  
Materials obtained from End of Life Tyres – Determination of specific requirements for sampling and determination of moisture content using the oven-dry method (EN 16916:2024)

HRN EN 17308:2024 en pr  
Materijali koji se dobivaju od otpadnih guma – Čelična žica – Određivanje sadržaja nemetala (EN 17308:2024)  
Materials produced from end of life tyres – Steel wire – Determination of the non-metallic content (EN 17308:2024)

HRN EN ISO 19628:2024 en pr  
Fina keramika (napredna keramika, napredna tehnička keramika) – Termofizikalna svojstva keramičkih kompozita – Određivanje specifičnoga toplinskog kapaciteta (ISO 19628:2024; EN ISO 19628:2024)  
Fine ceramics (advanced ceramics, advanced technical ceramics) – Thermophysical properties of ceramic composites – Determination of specific heat capacity (ISO 19628:2024; EN ISO 19628:2024)

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

HRN EN ISO 7197:2024 en pr  
Neurokirurški implantati – Sterilni jednokratni shuntovi za hidrocefalus (ISO 7197:2024; EN ISO 7197:2024)  
Neurosurgical implants – Sterile, single-use hydrocephalus shunts (ISO 7197:2024; EN ISO 7197:2024)

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

HRN EN 3487:2024 en pr  
Zrakoplovstvo – Čelik X6CrNiTi18-10 (1.4541) – Taljen na zraku – Omekšan – Šipke za strojnu obradu – a ili D ≤ 250 mm – 500 MPa ≤ Rm ≤ 700 MPa (EN 3487:2024)  
Aerospace series – Steel X6CrNiTi18-10 (1.4541) – Air melted – Softened – Bars for machining – a or D ≤ 250 mm – 500 MPa ≤ Rm ≤ 700 MPa (EN 3487:2024)

HRN EN 4165-005:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 005: Ugradbene utičnice za odlaganje modula 2 i 4, serije 3 – Norma za proizvod (EN 4165-005:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 005: Stackable mounting receptacle 2 and 4 modules, series 3 – Product standard (EN 4165-005:2024)

HRN EN 4165-006:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 006: Utikač za module 2 i 4, serije 2 – Norma za proizvod (EN 4165-006:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 006: Plug for 2 and 4 modules, series 2 – Product standard (EN 4165-006:2024)

HRN EN 4165-007:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 007: Utikač za module 2 i 4, serije 3 – Norma za proizvod (EN 4165-007:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 007: Plug for 2 and 4 modules, series 3 – Product standard (EN 4165-007:2024)

HRN EN 4165-008:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 008: Priključna kutija i pločasti utikač za module 2 i 4, serije 2 – Norma za proizvod (EN 4165-008:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 008: Rack and panel plug for 2 and 4 modules, series 2 – Product standard (EN 4165-008:2024)

HRN EN 4165-010:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 010: Priključna kutija i pločasti utikač ugrađen sa stražnje strane za module 2 i 4, serije 3 – Norma za proizvod (EN 4165-010:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 010: Rack and panel rear mounted plug for 2 and 4 modules, series 2 – Product standard (EN 4165-010:2024)

HRN EN 4165-011:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 011: Utičnica s ugrađenom prirubnicom modula 2 i 4, serije 2 – Norma za proizvod (EN 4165-011:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 011: Flange mounting receptacle 2 and 4 modules, series 2 – Product standard (EN 4165-011:2024)

HRN EN 4165-013:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 013: Stega za kabel za module 2 i 4 za spojnice, serije 2 i 3 – Norma za proizvod (EN 4165-013:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 013: Cable clamp 2 and 4 modules for connectors, series 2 and series 3 – Product standard (EN 4165-013:2024)

HRN EN 4165-016:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 016: Dvostruki ovalni dimnjak za opremu (1 po šupljini modula) – Norma za proizvod (EN 4165-016:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 016: Double oval chimney for accessory (1 per 2 modules) – Product standard (EN 4165-016:2024)

HRN EN 4165-017:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 017: Prazni dimnjak za opremu (1 po šupljini modula) – Norma za proizvod (EN 4165-017:2024)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 017: Blank chimney for accessory (1 per module cavity) – Product standard (EN 4165-017:2024)

HRN EN 4165-026:2024 en pr  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 026: Oprema za samostalne module – Norma za proizvod (EN 4165-026:2024)  
Aerospace Series – Connector, electrical, rectangular, modular – Operating temperatures 175°C continuous – Part 026: Shielded accessories for single module – Product standard (EN 4165-026:2024)

HRN EN 4473:2024 en pr  
Zrakoplovstvo – Aluminijski pigmentirani organski premazi za stezače – Tehnička specifikacija (EN 4473:2024)  
Aerospace series – Aluminium pigmented organic coatings for fasteners – Technical specification (EN 4473:2024)

HRN EN 4474:2024 en pr  
Zrakoplovstvo – Premazi pigmentirani aluminijem – Metode premazivanja (EN 4474:2024)  
Aerospace series – Aluminium pigmented organic coatings – Coating methods (EN 4474:2024)

HRN EN 16803-4:2024 en pr  
Svemir – Pozicioniranje u cestovnim inteligentnim transportnim sustavima primjenom GNSS-a – 4. dio: Definicije i postupci projektiranja sustava za oblikovanje i validaciju ispitnih scenarija (EN 16803-4:2024)  
Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) – Part 4: Definitions and system engineering procedures for the design and validation of test scenarios (EN 16803-4:2024)

## HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60068-2-87:2024 en pr  
Ispitivanje utjecaja okoliša – Dio 2-87: Ispitivanja – Izlaganje materijala i komponenti UV-C zrakama radi simulacije ultraljubičastog germicidnog zračenja ili u druge svrhe (IEC 60068-2-87:2024; EN IEC 60068-2-87:2024)  
Environmental testing – Part 2-87: Tests – UV-C exposure of materials and components to simulate ultraviolet germicidal Irradiation or other applications (IEC 60068-2-87:2024; EN IEC 60068-2-87:2024)

## HZN/TU V1, Elektronika 1

HRN EN IEC 60512-28-100:2024 en pr  
Konektori za električnu i elektroničku opremu – Ispitivanja i mjerenja – Dio 28-100: Ispitivanja integriteta signala do 2 000 MHz – Ispitivanja 28a do 28g (IEC 60512-28-100:2024; EN IEC 60512-28-100:2024)  
Connectors for electrical and electronic equipment – Tests and measurements – Part 28-100: Signal integrity tests up to 2 000 MHz – Tests 28a to 28g (IEC 60512-28-100:2024; EN IEC 60512-28-100:2024)

HRN EN IEC 60747-15:2024 en pr  
Poluvodički uređaji – 15. dio: Diskretni uređaji – Izolirani poluvodički energetska uređaji (IEC 60747-15:2024; EN IEC 60747-15:2024)  
Semiconductor devices – Part 15: Discrete devices – Isolated power semiconductor devices (IEC 60747-15:2024; EN IEC 60747-15:2024)

HRN EN IEC 60747-16-9:2024 en pr  
Poluvodički uređaji – Dio 16-9: Mikrovalni integrirani sklopovi – Fazni mjenjači (IEC 60747-16-9:2024; EN IEC 60747-16-9:2024)  
Semiconductor devices – Part 16-9: Microwave integrated circuits – Phase shifters (IEC 60747-16-9:2024; EN IEC 60747-16-9:2024)

HRN EN IEC 61340-4-9:2024 en pr  
Elektrostatika – Dio 4-9: Standardne metode ispitivanja za posebne primjene – Odjeća – Karakterizacija otpora (IEC 61340-4-9:2024; EN IEC 61340-4-9:2024)  
Electrostatics – Part 4-9: Standard test methods for specific applications – Garments – Resistive characterization (IEC 61340-4-9:2024; EN IEC 61340-4-9:2024)

HRN EN IEC 61340-6-1:2018/A1:2024 en pr  
Elektrostatika – Dio 6-1: Kontrola elektrostatike uzdravstvenim, komercijalnim i javnim ustanovama – Zdravstvo (IEC 61340-6-1:2018/am1:2024; EN IEC 61340-6-1:2018/A1:2024)  
Electrostatics – Part 6-1: Electrostatic control in healthcare, commercial and public facilities – Healthcare (IEC 61340-6-1:2018/am1:2024; EN IEC 61340-6-1:2018/A1:2024)

## HZN/TU W1, Energetska elektrotehnika 1

HRN EN 17930:2024 en pr  
Aspekti sustava vakuumskih vlakova – Referentna arhitektura (EN 17930:2024)  
Hyperloop Systems Aspects – Reference Architecture (EN 17930:2024)

HRN EN 45560:2024 en pr  
Metoda za postizanje kružnog dizajna proizvoda (EN 45560:2024)  
Method to achieve circular designs of products (EN 45560:2024)

HRN EN IEC 61812-1:2024 en pr  
Vremenski i spojni releji za industrijsku i stambenu primjenu – 1. dio: Zahtjevi i ispitivanja (IEC 61812-1:2023; EN IEC 61812-1:2024)  
Time relays and coupling relays for industrial and residential use – Part 1: Requirements and tests (IEC 61812-1:2023; EN IEC 61812-1:2024)

HRN EN IEC 62314:2024 en pr  
Poluvodički releji – Sigurnosni zahtjevi (IEC 62314:2022; EN IEC 62314:2024)  
Solid-state relays – Safety requirements (IEC 62314:2022; EN IEC 62314:2024)

### 1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

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

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

#### HZN/TO 8, *Brodogradnja*

- ISO 3797:2023 en  
Ships and marine technology – Vertical steel ladders  
Brodovi i pomorska tehnologija – Čelične ljestve
- ISO 5483:2023 en  
Ships and marine technology – Drain facilities from oil and water tanks  
Brodovi i pomorska tehnologija – Čepovi ispusta iz spremnika ulja i vode
- ISO 5489:2024 en  
Ships and marine technology – Embarkation ladders  
Brodovi i pomorska tehnologija – Ljestve za iskrcavanje u nuždi
- ISO 7061:2024 en  
Ships and marine technology – Aluminium shore gangways for seagoing vessels  
Brodovi i pomorska tehnologija – Aluminijski mostić ili siz za pomorska plovila
- ISO 8728:2024 en  
Ships and marine technology – Marine gyro-compasses  
Brodovi i pomorska tehnologija – Brodski zvrčni kompasi
- prEN 14206 en  
Inland navigation vessels – Gangways for passenger vessels – Requirements, tests  
Plovila unutarnje plovidbe – Prijelazni mostići za putničke brodove – Zahtjevi, ispitivanja
- ISO 15370:2021/Amd 1:2023 en  
Ships and marine technology – Low-location lighting (LLL) on passenger ships – Arrangement  
Brodovi i pomorska tehnologija – Nisko smještena rasvjeta na putničkim brodovima (LLL) – Razmještaj
- ISO 15371:2024 en  
Ships and marine technology – Fire-extinguishing systems for protection of galley cooking equipment  
Brodovi i pomorska tehnologija – Protupožarni sustavi za zaštitu opreme za kuhanje u broskoj kuhinji
- ISO 17631:2022 en  
Ships and marine technology – Shipboard plans for fire control, damage control, life-saving appliances and means of escape  
Brodovi i pomorska tehnologija – Brodski planovi za zaštitu od požara, sredstva za spašavanje i načini za bijeg
- ISO 25862:2019/Amd 1:2024 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 22, *Cestovna vozila*

- prEN ISO 15118-4 en  
Road vehicles – Vehicle to grid communication interface – Part 4: Network and application protocol conformance test (ISO/DIS 15118-4:2024)  
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 4. dio: Provjera usklađenosti mreže i protokola primjene (ISO/DIS 15118-4:2024)

#### HZN/TO 89, *Furniri i drvene ploče*

- prEN 325 en  
Wood-based panels – Determination of dimensions of test pieces  
Ploče na osnovi drva – Određivanje dimenzija ispitnih uzoraka

#### HZN/TO 121, *Anestetička i respiracijska oprema*

- prEN ISO 80601-2-61 en  
Medical electrical equipment – Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment (ISO/DIS 80601-2-61:2024)  
Medicinska električna oprema – Dio 2-61: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke puls oximetra (ISO/DIS 80601-2-61:2024)

#### HZN/TO 135, *Nerazorna ispitivanja*

- prEN 1518 en  
Non-destructive testing – Leak testing – Characterization of mass spectrometer leak detectors  
Nerazorno ispitivanje – Ispitivanje propusnosti – Karakterizacija detektora propusnosti masenih spektrometara
- prEN 1779 en  
Non-destructive testing – Leak testing – Criteria for method and technique selection  
Nerazorno ispitivanje – Ispitivanje propusnosti – Kriterij za odabir metode i tehnike

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

- FprCEN/TS 17670-3 en  
Plastics piping systems for non-pressure underground conveyance of surface water – Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 3: Assessment of conformity  
Plastični cijevni sustavi za netlačni podzemni transport površinske vode – Neomekšani poli(vinil-klorid) (PVC-U), polipropilen (PP) i polietilen (PE) – 3. dio: Ocjenjivanje sukladnosti
- FprCEN/TS 18116 en  
Thermoplastics pipes and fittings – Design for recycling guidelines  
Plastomerne cijevi i spojnice – Oblikovanje uputa za provedbu recikliranja

#### HZN/TO 163, *Toplinska izolacija*

- prEN 16382 en  
Thermal insulation products for building applications – Determination of the pull-through resistance of plate and spiral anchors through thermal insulation products
- prEN 16383 en  
Thermal insulation products for building applications – Determination of the water tightness of external thermal insulation composite kits with a rendering system (ETICS kits)

#### HZN/TO 181, *Sigurnost igračkaka i proizvodi za djecu*

- prEN 71-7 en  
Safety of toys – Part 7: Finger paints – Requirements and test methods  
Sigurnost igračkaka – 7. dio: Bojila za bojenje prstima – Zahtjevi i metode ispitivanja

## **HZN/TO 196, *Prirodni kamen***

prEN 13364 en  
Natural stone test methods – Determination of the breaking load at dowel hole and slot-and-blade system

## **HZN/TO 502, *Plinski uređaji***

EN 30-1-1:2021+A1:2023/prA2 en  
Domestic cooking appliances burning gas – Part 1-1: Safety – General  
Plinski uređaji za kuhanje za kućanstva – Dio 1-1: Sigurnost – Općenito

## **HZN/TO 503, *Metalni materijali***

EN ISO 377:2017/prA1 en  
Steel and steel products – Location and preparation of samples and test pieces for mechanical testing (ISO 377:2017/DAMd 1:2024)  
Čelik i čelični proizvodi – Položaj i priprema uzoraka i ispitnih uzoraka za mehanička ispitivanja (ISO 377:2017/DAMd 1:2024)

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

prEN ISO 19901-2 en  
Oil and gas industries including lower carbon energy – Specific requirements for offshore structures – Part 2: Seismic design procedures and criteria (ISO/DIS 19901-2:2024)  
Industrije nafte i plina uključujući energiju s niskim udjelom ugljika – Posebni zahtjevi za odobalne konstrukcije – 2. dio: Postupci i kriteriji projektiranja konstrukcija otpornih na potrese (ISO/DIS 19901-2:2024)

## **HZN/TO 518, *Podovi, stropovi i zidne obloge***

prEN 13318 en  
Screed material and floor screeds – Definitions  
Materijali za in situ podove (estrihe) i in situ podovi (estrisi) – Definicije

## **HZN/TO 524, *Inteligentni transportni sustavi***

prEN ISO 13140 en  
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to ISO 13141 (ISO/DIS 13140:2024)  
Elektronička naplata – Vrednovanje sukladnosti opreme u vozilu i opreme uz prometnicu s normom ISO 13141 (ISO/DIS 13140:2024)

## **HZN/TO 528, *Oprema za željeznice***

prEN 14033-1 en  
Railway applications – Infrastructure – Railbound construction and maintenance machines – Part 1: Technical requirements for running

prEN 14033-2 en  
Railway applications – Infrastructure – Railbound construction and maintenance machines – Part 2: Technical requirements for travelling and working

prEN 14033-3 en  
Railway applications – Infrastructure – Railbound construction and maintenance machines – Part 3: General safety requirements

EN 14067-4:2024/prA1 en  
Railway applications – Aerodynamics – Part 4: Requirements and assessment procedures for aerodynamics on open track  
Željeznički sustav – Aerodinamika – 4. dio: Zahtjevi i ispitni postupci za aerodinamiku na otvorenoj pruzi

prEN 16431 en  
Railway applications – Infrastructure – Hollow sleepers and bearers

prEN 18128-1 en  
Railway applications – New materials – Part 1: Guideline and validation methodology

prEN 18141 en  
Railway applications – Braking – Emergency push button

prEN ISO 19659-4 en  
Railway applications – Heating, ventilation and air conditioning systems for rolling stock – Part 4: Basic design parameters, test and inspection items for the HVAC unit (ISO/DIS 19659-4:2024)

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

prEN ISO 703 en  
Conveyor belts – Transverse flexibility (troughability) – Test method (ISO/DIS 703:2024)  
Transportne trake – Poprečna savitljivost – Metoda ispitivanja (ISO/DIS 703:2024)

## **HZN/TO 531, *Plastika i guma***

prEN ISO 294-5 en  
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 5: Preparation of standard specimens for investigating anisotropy (ISO/DIS 294-5:2024)  
Plastika – Injekcijsko prešanje ispitnih uzoraka plastomernih materijala – 5. dio: Priprema standardnih ispitnih uzoraka za proučavanje anizotropije (ISO/DIS 294-5:2024)

prEN ISO 7214 en  
Cellular plastics – Polyethylene – Methods of test (ISO/DIS 7214:2024)  
Pjenasta plastika – Polietilen – Metode ispitivanja (ISO/DIS 7214:2024)

prEN 16820 en  
Rubber and plastics hoses and hose assemblies for use in the pharmaceutical and biotechnological industry – Bonded elastomeric hoses with or without a lining  
Gumena i plastična crijeva i crijevni uređaji za uporabu farmaceutske i biotehnološke industriji – Povezana elastomerna crijeva s podstavom ili bez nje

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

prEN ISO 16610-22 en  
Geometrical product specifications (GPS) – Filtration – Part 22: Linear profile filters: Spline filters (ISO/DIS 16610-22:2024)

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

prEN ISO 15957 en  
Test dusts for evaluating air cleaning equipment (ISO/DIS 15957:2024)  
Ispitivanje opreme za pročišćavanje zraka pri opterećenju prašinom (ISO/DIS 15957:2024)

prEN 17038-3 en  
Pumps – Methods of qualification of the Energy Efficiency Index for rotordynamic pump units – Part 3: Testing and calculation of energy efficiency index (EEI) of booster sets  
Pumpe – Metode kvalifikacije i verifikacije indeksa energetske učinkovitosti za rotacijske pumpe – 3. dio: Ispitivanje i proračun indeksa energetske učinkovitosti sustava za povišenje tlaka (EEI)

## **HZN/TO 555, *Medicinski proizvodi***

prEN ISO 10993-2 en  
Biological evaluation of medical devices – Part 2: Animal welfare requirements (ISO/DIS 10993-2:2024)  
Biolška procjena medicinskih proizvoda – 2. dio: Zahtjevi za životinjsku skrb (ISO/DIS 10993-2:2024)

prEN ISO 20417 en  
Medical devices – Information to be supplied by the manufacturer (ISO/DIS 20417:2024)  
Medicinski proizvodi – Informacije koje daje proizvođač (ISO/DIS 20417:2024)

## **HZN/TO 556, Osobna zaštitna oprema**

prEN 458 en

Hearing protectors – Recommendations for selection, use, care and maintenance – Guidance document  
Štitnici sluha – Preporuke za odabir, uporabu, njegu i održavanje – Upute

ISO/TR 21808:2024 en

Best practices on the selection and use of personal protective equipment (PPE) designed to provide protection for firefighters  
Najbolje prakse za izbor i upotrebu osobne zaštitne opreme (OZO) namijenjene za zaštitu vatrogasaca

EN ISO 22568-1:2019/prA1 en

Foot and leg protectors – Requirements and test methods for footwear components – Part 1: Metallic toecaps (ISO 22568 1:2019/DAmD 1:2024)  
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za sastavne dijelove obuće – 1. dio: Metalne kapice (ISO 22568 1:2019/DAmD 1:2024)

## **HZN/TO 560, Tekstilni proizvodi**

prEN ISO 14419 en

Textiles – Oil repellency – Hydrocarbon resistance test (ISO/DIS 14419:2024)  
Tekstil – Nepropusnost na ulje – Otpornost na ugljikovodike (ISO/DIS 14419:2024)

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

prEN 13856 en

LPG equipment and accessories – Minimum requirements for the content of the user manual for automotive LPG systems  
Oprema i pribor za UNP – Minimalni sadržaj uputstva za korištenje UNP-a u vozilima

## **HZN/TO 563, Sigurnost strojeva**

EN 1673:2020/prA1 en

Food processing machinery – Rotary rack ovens – Safety and hygiene requirements  
Strojevi za preradu hrane – Rotirajuće etažne peći – Sigurnosni i higijenski zahtjevi

prEN 18143 en

Food processing machinery – Pizza dough sheeter machines – Safety and hygiene requirements  
Strojevi za preradu hrane – Strojevi za razvlačenje tijesta za pizzu – Sigurnosni i higijenski zahtjevi

## **HZN/TO 566, Mlijeko i mliječni proizvodi**

ISO 9232:2003/Amd 1:2023 en

Yogurt – Identification of characteristic microorganisms (*Lactobacillus delbrueckii* subsp. *bulgaricus* and *Streptococcus thermophilus*) – Amendment 1: Inclusion of performance testing of culture media and reagents  
Jogurt – Identifikacija karakterističnih mikroorganizama (*Lactobacillus delbrueckii* subsp. *bulgaricus* i *Streptococcus thermophilus*) – Amandman 1: Uključivanje ispitivanja učinkovitosti hranjive podloge i reagensa

ISO 22662:2024 en

Milk and milk products – Determination of lactose content by high-performance liquid chromatography (reference method)  
Mlijeko i mliječni proizvodi – Određivanje udjela laktoze pomoću tekućinske kromatografije visokog učinka (referentna metoda)

ISO 22935-1:2023 en

Milk and milk products – Sensory analysis – Part 1: Recruitment, selection, training and monitoring of assessors  
Mlijeko i mliječni proizvodi – Senzorske analize – 1. dio: Rekrutiranje, odabir, osposobljavanje i nadziranje ocjenitelja

ISO 22935-2:2023 en

Milk and milk products – Sensory analysis – Part 2: Methods for sensory evaluation  
Mlijeko i mliječni proizvodi – Senzorske analize – 2. dio: Metode za senzorsku ocjenu

ISO 22935-3:2023 en

Milk and milk products – Sensory analysis – Part 3: Method for evaluation of compliance with product specifications for sensory properties by scoring  
Mlijeko i mliječni proizvodi – Senzorske analize – 3. dio: Metoda za ocjenu sukladnosti sa specifikacijom proizvoda za senzorska svojstva određena bodovanjem

ISO 29981:2024 en

Milk products – Enumeration of bifidobacteria – Colony-count technique  
Mliječni proizvodi – Brojenje bifidobakterija – Brojenje kolonija

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

prEN 12875-1 en

Mechanical dishwashing resistance of utensils – Part 1: Reference test method for domestic articles  
Otpornost posuđa pri pranju – 1. dio: Referentna metoda ispitivanja za kuhinjsko posuđe

prEN 12875-2 en

Mechanical dishwashing resistance of utensils – Part 2: Inspection and evaluation  
Otpornost posuđa pri pranju – 2. dio: Provjera i procjena

prEN 14526 en

Foodstuffs – Determination of saxitoxin-group toxins in shellfish – HPLC method using pre-column derivatization with peroxide or periodate oxidation  
Hrana – Određivanje toksina iz grupe saksitoksina u školjkama – Metoda tekućinske kromatografije visokog učinka s predkolonskom derivatizacijom i peroksidnom ili perodatom oksidacijom

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

prEN ISO/IEC 19896-2 en

Information security, cybersecurity and privacy protection – Requirements for the competence of IT security conformance assessment body personnel – Part 2: Knowledge and skills requirements for ISO/IEC 19790 testers and validators (ISO/IEC DIS 19896-2:2024)

prEN ISO/IEC 27555 en

Information security, cybersecurity and privacy protection – Guidelines on personally identifiable information deletion (ISO/IEC 27555:2021)

## **HZN/TO 584, Održivi gradovi i zajednice**

prEN 18140 en

Sustainable and smart cities and communities – Nature-based solutions (NBSs) – Vocabulary and principles

## **HZN/TO E9, Električna oprema za željeznicu**

prEN 50129:2024 en

Railway Application – Communication, signalling and processing system – Safety related electronic systems for signalling  
Željeznički sustav – Komunikacijska i signalna tehnika i sustavi obrade podataka – Elektronički sustavi za signalnu tehniku povezani sa sigurnošću

EN 50152-3-1:2017/prA1 en

Railway applications – Fixed installations – Particular requirements for a.c. switchgear – Part 3-1: Measurement, control and protection devices for specific use in a.c. traction systems – Devices  
Željeznički sustav – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – Dio 3-1: Mjerni, upravljački i zaštitni uređaji za posebnu uporabu u izmjeničnim sustavima vuče – Uređaji

prEN IEC 61375-1:2024 en

Electronic railway equipment – Train communication network (TCN) – Part 1: General architecture (IEC 61375-1 ED4)  
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – 1. dio: Arhitektura općenito (IEC 61375-1 ED4)

## **HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme**

prEN 50173-10:2024 en

Information technology – Generic cabling systems – Part 10: Single pair cabling

## **HZN/TO T4, Normizacija u telekomunikacijama**

Final draft ETSI EG 201 788 V2.2.0:2024 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Guidance for drafting an ETSI System Reference document (SRdoc)  
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Upute za sastavljanje ETSI-jeva referencijskog dokumenta za sustave (SRdoc)

Final draft ES 203 199 V1.4.1:2024 en

Environmental Engineering (EE) – Methodology for environmental Life Cycle Assessment (LCA) of Information and Communication Technology (ICT) goods, networks and services  
Inženjerstvo okoliša (EE) – Metodologija procjene životnog ciklusa (LCA) proizvoda, mreža i usluga informacijske i komunikacijske tehnologije (IKT)

Draft EN 300 468 V1.19.0:2024 en

Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems  
Digitalna videodifuzija (DVB) – Specifikacije za servisne informacije (SI) u DVB sustavima

Draft EN 303 659 V1.0.0:2024 en

Short Range Devices (SRD) in Data Networks – Radio equipment to be used in the frequency ranges 865 MHz to 868 MHz and 915 MHz to 919,4 MHz – Harmonised Standard for access to radio spectrum  
Uređaji kratkog dometa (SRD) u podatkovnim mrežama – Radijska oprema za uporabu u frekvencijskom području od 865 MHz do 868 MHz i od 915 MHz do 919,4 MHz – Harmonizirana norma za pristup radijskom spektru

## **HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija**

prEN ISO 14019-1 en

Sustainability information – Part 1: General principles and requirements for validation and verification (ISO/DIS 14019-1:2024)

prEN ISO 14019-2 en

Sustainability information – Part 2: Principles and requirements for verification processes (ISO/DIS 14019-2:2024)

prEN ISO 14019-4 en

Sustainability information – Part 4: Principles and requirements for bodies validating and verifying sustainability information (ISO/DIS 14019-4:2024)

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

prEN 650 en

Resilient floor coverings – Polyvinyl chloride floor coverings on jute backing or on polyester felt backing or on a polyester felt with a polyvinyl chloride backing – Specification  
Elastične podne obloge – Poli(vinil-kloridne) podne obloge na poledini od jute, poliesterskog filca ili poliesterskog filca s poli(vinil-kloridom) – Specifikacija

EN 17885:2023/prA1 en

Candle accessories – Specification for fire safety and product safety labels  
Pribor za svijeće – Specifikacija za zaštitu od požara i oznake sigurnosti proizvoda

prEN 18144 en

Online Gambling – Markers of harm in support of identification and prevention of risky and problem gambling behaviour  
Internetske igre na sreću – Pokazatelji rizika koji pomažu u otkrivanju i sprječavanju rizičnog i problematičnog kockanja

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

prEN ISO 6876 en

Dentistry – Endodontic sealing material (ISO/DIS 6876:2024)  
Stomatologija – Materijali za punjenje korijenskog kanala (ISO/DIS 6876:2024)

prEN ISO 10451 en

Dentistry – Contents of technical file for dental implant systems (ISO/DIS 10451:2024)  
Stomatologija – Sadržaj tehničke dokumentacije za sustave dentalnih implantata (ISO/DIS 10451:2024)

prEN ISO 17966 en

Assistive products for toileting, bathing and showering – Requirements and test methods (ISO/DIS 17966:2024)  
Pomagala za obavljanje nužde, kupanje i tuširanje – Zahtjevi i metode ispitivanja (ISO/DIS 17966:2024)

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

prEN 2583 en

Aerospace series – Bolts, MJ threads, in heat resisting nickel base alloy NI-PH2601 (Inconel 718) – Classification: 1 275 MPa (at ambient temperature)/650 °C – Technical specification  
Zrakoplovstvo – Vijci, s "MJ" navojem, otporni na toplinu od legure na bazi nikla NI-PH2601 (Inconel 718) – Klasifikacija: 1275 MPa (pri temperaturi okoline)/650 °C – Tehnička specifikacija

prEN 3004 en

Aerospace series – Nuts, self-locking, MJ threads, in heat resisting steel FE-PA2601 (A286), classification: 1 100 MPa (at ambient temperature)/650 °C – Technical specification  
Zrakoplovstvo – Matice, samozatvarajuće, MJ navoji, od čelika otpornog na toplinu FE-PA2601 (A286) – Klasifikacija: 1 100 MPa (pri temperaturi okoline)/650 °C – Tehnička specifikacija

prEN 3545-003 en

Aerospace series – Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C – Part 003: Connectors with female contacts – Product standard  
Zrakoplovstvo – Spojnice, električne, pravokutne, zabrtvljene ili nezabrtvljene sa zadnje strane, plastično kućište, uređaj za osiguranje, radne temperature od -55 °C do 175 °C – Dio 003: Spojnice sa ženskim kontaktima – Norma za proizvod



prEN 3545-004 en  
Aerospace series – Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C – Part 004: Connectors with male contacts – Product standard  
Zrakoplovstvo – Spojnice, električne, pravokutne, zabrtvljene ili nezabrtvljene sa zadnje strane, plastično kućište, uređaj za osiguranje, radne temperature od – 55 °C do 175 °C – Dio 004: Spojnice s muškim kontaktima – Norma za proizvod

prEN 3745-100 en  
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 100: General  
Zrakoplovstvo – Vlakna i kabeli, optički, za zrakoplove – Metode ispitivanja – 100. dio: Općenito

prEN 4048 en  
Aerospace series – Nuts, self-locking, MJ threads, in heat-resisting nickel base alloy NI-PH2601 (Inconel 718), MoS2 coated – Classification: 1 550 MPa (at ambient temperature) / 425 °C – Technical specification  
Zrakoplovstvo – Matice, samozatvarajuće, MJ navoj, legura na bazi nikla otporna na toplinu NI-PH2601 (Inconel 718), prevučene s MoS2 – Klasifikacija: 1550 MPa (pri temperaturi okoline) / 425 °C – Tehnička specifikacija

prEN 4163 en  
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated – Classification: 1 100 MPa (at ambient temperature) / 235 °C  
Zrakoplovstvo – Vijci sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, dugog navoja, od legure čelika, prevučeni kadmijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 235 °C

prEN 4855-02 en  
Aerospace series – ECO efficiency of catering equipment – Part 02: Oven equipment  
Zrakoplovstvo – Ekoučinkovitost opreme za catering – Dio 02: Pećnice

prEN 4913 en  
Aerospace series – Use of regrinds and recycled materials in thermoplastic parts

prEN 6059-302 en  
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 302: High temperature exposure  
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitne navlake – Metode ispitivanja – 302. dio: Izlaganje visokoj temperaturi

prEN 6059-305 en  
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 305: Fluid absorption  
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitne navlake – Metode ispitivanja – 305. dio: Apsorpcija tekućine

prEN 6067 en  
Aerospace series – Pin, quick release, self-retaining, positive locking, double acting – Button handle

prEN 6104 en  
Aerospace series – Rivets, solid, in aluminium or aluminium alloy – Inch series – Technical specification

prEN 9241 en  
Aerospace series – Programme management – Execution logic

prEN 9300-010 en  
Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 010: Overview data flow

## HZN/TU U1, *Opća elektrotehnika 1*

EN 60068-2-75:2014/prA1:2024 en  
Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests (IEC 60068-2-75/AMD1 ED2)  
Ispitivanje utjecaja okoliša – Dio 2-75: Ispitivanja – Eh ispitivanje: Ispitivanja čekićem (IEC 60068-2-75/AMD1 ED2)

EN IEC 60445:2021/prA1:2024 en  
Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors (IEC 60445/am1 ED7)  
Osnovna i sigurnosna načela za sučelje čovjek-stroj, označavanje i identifikacija – Identifikacija priključaka opreme, krajeva vodiča i vodiča (IEC 60445/am1 ED7)

## HZN/TU V1, *Elektronika 1*

prEN 50090-6-2:2024 en  
Home and Building Electronic Systems (HBES) – Part 6-2: IoT Semantic Ontology model description  
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 6-2: Opis modela semantičke ontologije IoT-a

EN IEC 60384-14:2023/prA1:2024 en  
Fixed capacitors for use in electronic equipment – Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (IEC 60384-14/am1 ED5)  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 14. dio: Sekcijska specifikacija – Fiksni kondenzatori za suzbijanje elektromagnetskih smetnji i za spajanje na mrežu za napajanje (IEC 60384-14/am1 ED5)

prEN IEC 60794-1-130:2024 en  
Optical fibre cables – Part 1-130: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Coefficient of dynamic friction between cables, Methods E30 (IEC 60794-1-130 ED1)  
Svjetlovodni kabeli – Dio 1-130: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Mehaničke metode ispitivanja – Dinamički koeficijent trenja između kabela, metode E30 (IEC 60794-1-130 ED1)

## HZN/TU W1, *Energetska elektrotehnika 1*

EN 62841-3-1:2014/prA2:2024 en  
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1/am2 ED1)  
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-1: Posebni zahtjevi za prijenosne stolne pile (IEC 62841-3-1/am2 ED1)

prEN IEC/ASTM 62885-6:2024 en  
Surface cleaning appliances – Part 6: Wet hard floor cleaning appliances for household or similar use – Methods for measuring the performance (IEC/ASTM 62885-6:2023)  
Uređaji za čišćenje površina – 6. dio: Uređaji za mokro čišćenje tvrdih podova za kućnu i sličnu primjenu – Metode za mjerenje radnih značajka (IEC/ASTM 62885-6:2023)

## 1.4 Povučene hrvatske norme

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

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

### HZN/TO 8, Brodogradnja

HRN ISO 4001:2004 en

Brodogradnja – Unutarnja plovidba – Plutajuća naprava za spašavanje (ISO 4001:1977)

Shipbuilding – Inland navigation – Raft-type life-saving apparatus (ISO 4001:1977)

- bez zamjene

### HZN/TO 44, Zavarivanje i srodni postupci

HRI CEN/TR 13259:2014 en

Oprema za plinsko zavarivanje – Industrijski ručni i strojni plamenici za zagrijavanje plamenom, tvrdo lemljenje plamenom i srodne postupke (CEN/TR 13259:2013)

Gas welding equipment – Industrial manual and machine blowpipes for flame heating, flame brazing and allied processes (CEN/TR 13259:2013)

- zamijenjena s: HRS CEN/TS 13259:2024

### HZN/TO 92, Zaštita od požara

HRN EN 1366-3:2022 en

Ispitivanja otpornosti na požar servisnih instalacija – 3. dio: Penetracijske brtve (EN 1366-3:2021)

Fire resistance tests for service installations – Part 3: Penetration seals (EN 1366-3:2021)

- zamijenjena s: HRN EN 1366-3:2024

### HZN/TO 136, Namještaj

HRN EN 12520:2016 en

Namještaj – Čvrstoća, trajnost i sigurnost – Zahtjevi za namještaj za sjedenje za kućnu uporabu (EN 12520:2015)

Furniture – Strength, durability and safety – Requirements for domestic seating (EN 12520:2015)

- zamijenjena s: HRN EN 12520:2024

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

HRN EN ISO 16486-2:2020 en

Plastični cijevni sustavi za opskrbu plinovitim gorivima – Cijevni sustavi od neomekšanog poliamida (PA-U) sa zavarivanjem i mehaničkim spajanjem – 2. dio: Cijevi (ISO 16486-2:2020; EN ISO 16486-2:2020)

Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 2: Pipes (ISO 16486-2:2020; EN ISO 16486-2:2020)

- zamijenjena s: HRN EN ISO 16486-2:2024

### HZN/TO 147, Kvaliteta vode

HRN EN ISO 20236:2021 en

Kvaliteta vode – Određivanje ukupnoga organskog ugljika (TOC), otopljenoga organskog ugljika (DOC), ukupnoga vezanog dušika (TNb) i otopljenoga vezanog dušika (DNb) nakon visokotemperaturne katalitičke oksidacije (ISO 20236:2018; EN ISO 20236:2021)

Water quality – Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion (ISO 20236:2018; EN ISO 20236:2021)

- zamijenjena s: HRN EN ISO 20236:2024

## HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11979-2:2014 en

Oftalmološki implantanti – Intraokularne leće – 2. dio: Optička svojstva i metode ispitivanja (ISO 11979-2:2014; EN ISO 11979-2:2014)

Ophthalmic implants – Intraocular lenses – Part 2: Optical properties and test methods (ISO 11979-2:2014; EN ISO 11979-2:2014)

- zamijenjena s: HRN EN ISO 11979-2:2024

HRN EN ISO 14880-2:2008 en

Optika i fotonika – Poredak mikroleća – 2. dio: Ispitne metode za aberacije valne fronte (ISO 14880-2:2006; EN ISO 14880-2:2006)

Optics and photonics – Microlens arrays – Part 2: Test methods for wavefront aberrations (ISO 14880-2:2006; EN ISO 14880-2:2006)

- zamijenjena s: HRN EN ISO 14880-2:2024

HRN EN ISO 14880-3:2008 en

Optika i fotonika – Poredak mikroleća – 3. dio: Ispitne metode za optička svojstva različita od aberacije valne fronte (ISO 14880-3:2006; EN ISO 14880-3:2006)

Optics and photonics – Microlens arrays – Part 3: Test methods for optical properties other than wavefront aberrations (ISO 14880-3:2006; EN ISO 14880-3:2006)

- zamijenjena s: HRN EN ISO 14880-3:2024

HRN EN ISO 14880-4:2008 en

Optika i fotonika – Poredak mikroleća – 4. dio: Ispitne metode za geometrijska svojstva (ISO 14880-4:2006; EN ISO 14880-4:2006)

Optics and photonics – Microlens arrays – Part 4: Test methods for geometrical properties (ISO 14880-4:2006; EN ISO 14880-4:2006)

- zamijenjena s: HRN EN ISO 14880-4:2024

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

HRN EN 81-31:2011 en

Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala samo za prijevoz tereta – 31. dio: Dizala u koja je moguć pristup (EN 81-31:2010)

Safety rules for the construction and installation of lifts – Lifts for the transport of goods only – Part 31: Accessible goods only lifts (EN 81-31:2010)

- zamijenjena s: HRN EN 81-31:2024

HRN EN 81-41:2011 en

Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna dizala za prijevoz osoba i tereta – 41. dio: Vertikalne podizne platforme namijenjene osobama sa smanjenom pokretljivošću (EN 81-41:2010)

Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 41: Vertical lifting platforms intended for use by persons with impaired mobility (EN 81-41:2010)

- zamijenjena s: HRN EN 81-41:2024

## HZN/TO 181, Sigurnost igračkaka i proizvodi za djecu

HRN EN 71-13:2022 en

Sigurnost igračkaka – 13. dio: Mirisne ploče za igru, kozmetički setovi i setovi za kušanje (EN 71-13:2021+A1:2022)

Safety of toys – Part 13: Olfactory board games, cosmetic kits and gustative games (EN 71-13:2021+A1:2022)

- zamijenjena s: HRN EN 71-13:2024

## HZN/TO 207, Upravljanje okolišem

HRN ISO 14066:2013 en

Staklenički plinovi – Zahtjevi s obzirom na kompetenciju timova za validaciju i verifikaciju stakleničkih plinova (ISO 14066:2011)

Greenhouse gases – Competence requirements for greenhouse gas validation teams and verification teams (ISO 14066:2011)

- zamijenjena s: HRN ISO 14066:2024

## **HZN/TO 503, Metalni materijali**

HRN EN 754-2:2016 en

Aluminij i aluminijeve legure – Hladno vučene šipke i cijevi – 2. dio: Mehanička svojstva (EN 754-2:2016)  
Aluminium and aluminium alloys – Cold drawn rod/bar and tube – Part 2: Mechanical properties (EN 754-2:2016)  
- zamijenjena s: HRN EN 754-2:2024

HRN EN 10205:2016 en

Proizvodi iz hladno valjanog pokositrenog lima – Crni lim (EN 10205:2016)  
Cold reduced tinmill products – Blackplate (EN 10205:2016)  
- zamijenjena s: HRN EN 10205:2024

HRN EN 10216-2:2020 en

Bešavne čelične cijevi za tlačne namjene – Tehnički uvjeti isporuke – 2. dio: Cijevi od nelegiranih i legiranih čelika s utvrđenim svojstvima pri povišenim temperaturama (EN 10216-2:2013+A1:2019)  
Seamless steel tubes for pressure purposes – Technical delivery conditions – Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties (EN 10216-2:2013+A1:2019)  
- zamijenjena s: HRN EN 10216-2:2024

HRI CEN/TR 10261:2018 en

Željezni ljev i čelik – Europske norme za određivanje kemijskog sastava (CEN/TR 10261:2018)  
Iron and steel – European standards for the determination of chemical composition (CEN/TR 10261:2018)  
- zamijenjena s: HRI CEN/TR 10261:2024

HRN EN 10265:2008 en

Magnetni materijali – Specifikacija za čelične limove i trake sa specificiranim mehaničkim svojstvima i magnetskim permeabilitetom (EN 10265:1995)  
Magnetic materials – Specification for steel sheet and strip with specified mechanical properties and magnetic permeability (EN 10265:1995)  
- zamijenjena s: HRN EN 10265:2024

HRN EN 10277:2018 en

Svijetli čelični proizvodi – Tehnički uvjeti isporuke (EN 10277:2018)  
Bright steel products – Technical delivery conditions (EN 10277:2018)  
- zamijenjena s: HRN EN ISO 683-7:2024

HRI CR 10299:2008 en

Smjernice za pripremu standardnih rutinskih metoda s raspršenim valnim dužinama X-zraka fluorescentnog spektrometra (CR 10299:1998)  
Guidelines for the preparation of standard routine methods with wavelength-dispersive X-ray fluorescence spectrometry (CR 10299:1998)  
- zamijenjena s: HRI CEN/TR 10377:2024

HRN EN 10333:2008 en

Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehrambenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Čelik prevučen kositrom (pokositreni lim) (EN 10333:2005)  
Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption – Tin coated steel (tinplate) (EN 10333:2005)  
- zamijenjena s: HRN EN 10333:2024

HRN EN 10334:2008 en

Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehrambenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Neprevučeni čelik (crni lim) (EN 10334:2005)  
Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption – Non-coated steel (blackplate) (EN 10334:2005)  
- zamijenjena s: HRN EN 10334:2024

HRN EN 10335:2008 en

Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehrambenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Nelegirani čelik elektrolitički prevučen kromom/kromovim oksidom (EN 10335:2005)  
Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products or beverages for human and animal consumption – Non alloyed electrolytic chromium/chromium oxide coated steel (EN 10335:2005)  
- zamijenjena s: HRN EN 10335:2024

## **HZN/TO 505, Prijenos i distribucija plina**

HRN EN 12583:2022 en

Plinska infrastruktura – Kompresorske stanice – Funkcionalni zahtjevi (EN 12583:2022)  
Gas Infrastructure – Compressor stations – Functional requirements (EN 12583:2022)  
- zamijenjena s: HRN EN 12583:2024

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

HRN EN ISO 10855-1:2018 en

Odobalni kontejneri i pripadajući pribor za dizanje – 1. dio: Projektiranje, proizvodnja i obilježavanje odobalnih kontejnera (ISO 10855-1:2018; EN ISO 10855-1:2018)  
Offshore containers and associated lifting sets – Part 1: Design, manufacture and marking of offshore containers (ISO 10855-1:2018; EN ISO 10855-1:2018)  
- zamijenjena s: HRN EN ISO 10855-1:2024

HRN EN ISO 10855-2:2018 en

Odobalni kontejneri i pripadajući pribor za dizanje – 2. dio: Projektiranje, proizvodnja i označavanje pribora za dizanje (ISO 10855-2:2018; EN ISO 10855-2:2018)  
Offshore containers and associated lifting sets – Part 2: Design, manufacture and marking of lifting sets (ISO 10855-2:2018; EN ISO 10855-2:2018)  
- zamijenjena s: HRN EN ISO 10855-2:2024

HRN EN ISO 10855-3:2018 en

Odobalni kontejneri i pripadajući pribor za dizanje – 3. dio: Periodička inspekcija, provjera i ispitivanje (ISO 10855-3:2018; EN ISO 10855-3:2018)  
Offshore containers and associated lifting sets – Part 3: Periodic inspection, examination and testing (ISO 10855-3:2018; EN ISO 10855-3:2018)  
- zamijenjena s: HRN EN ISO 10855-3:2024

## **HZN/TO 526, Bitumenska veziva**

HRN EN 1426:2015 en

Bitumen i bitumenska veziva – Određivanje penetracije iglom (EN 1426:2015)  
Bitumen and bituminous binders – Determination of needle penetration (EN 1426:2015)  
- zamijenjena s: HRN EN 1426:2024

HRN EN 12607-1:2014 en

Bitumen i bitumenska veziva – Određivanje otpornosti na otvrdnjavanje djelovanjem topline i zraka – 1. dio: RTFOT metoda (EN 12607-1:2014)  
Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 1: RTFOT method (EN 12607-1:2014)  
- zamijenjena s: HRN EN 12607-1:2024

## **HZN/TO 528, Oprema za željeznice**

HRN EN 14601:2021 en

Željeznički sustav – Ravna i kutna završna crijeva za slavine kočnice i glavnog spremnika zraka (EN 14601:2005+A2:2021)  
Railway applications – Straight and angled end cocks for brake pipe and main reservoir pipe (EN 14601:2005+A2:2021)  
- zamijenjena s: HRN EN 14601:2024

HRN EN 45545-6:2013 en

Željeznički sustav – Zaštita od požara na željezničkim vozilima – 6. dio: Nadzor i upravljanje protupožarnim sustavima (EN 45545-6:2013)  
Railway applications – Fire protection on railway vehicles – Part 6: Fire control and management systems (EN 45545-6:2013)  
- zamijenjena s: HRN EN 45545-6:2024

### **HZN/TO 529, Dizalice i prenosila neprekidne dobave**

HRN ISO 9374-1:2002 en

Granici – Potrebne informacije – 1. dio: Općenito (ISO 9374-1:1989)  
Cranes – Information to be provided – Part 1: General (ISO 9374-1:1989)  
- zamijenjena s: HRN ISO 9374-1:2024

HRN ISO 9374-4:2002 en

Granici – Potrebne informacije – 4. dio: Dohvatni granici (ISO 9374-4:1989)  
Cranes – Information to be provided – Part 4: Jib cranes (ISO 9374-4:1989)  
- zamijenjena s: HRN ISO 9374-4:2024

HRN ISO 12480-1:2002 en

Granici – Sigurnost na radu – 1. dio: Općenito (ISO 12480-1:1997)  
Cranes – Safe use – Part 1: General (ISO 12480-1:1997)  
- zamijenjena s: HRN ISO 9374-4:2024

HRN ISO 18893:2014 en

Mobilne podizne platforme – Sigurnosna načela, pregled, održavanje i rukovanje (ISO 18893:2014)  
Mobile elevating work platforms – Safety principles, inspection, maintenance and operation (ISO 18893:2014)  
- zamijenjena s: HRN ISO 18893:2024

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

HRN ISO 2232:2000 en

Okrugla vučena žica za nelegiranu čeličnu užad opće namjene i za čeličnu užad velikoga promjera – Specifikacije (ISO 2232:1990)  
Round drawn wire for general purpose non-alloy steel wire and for large diameter steel wire ropes – Specifications (ISO 2232:1990)  
- zamijenjena s: HRN ISO 2232:2024

HRN ISO 2415:2011 en

Kovani škopci za opće namjene podizanja – Ravni i trbušasti škopci (ISO 2415:2004)  
Forged shackles for general lifting purposes – Dee shackles and bow shackles (ISO 2415:2004)  
- zamijenjena s: HRN ISO 2415:2024

HRN ISO 4344:2011 en

Čelična užad za dizala – Minimalni zahtjevi (ISO 4344:2004)  
Steel wire ropes for lifts – Minimum requirements (ISO 4344:2004)  
- zamijenjena s: HRN ISO 4344:2024

### **HZN/TO 531, Plastika i guma**

HRN ISO 1817:2015 en

Guma i elastoplastomeri – Određivanje utjecaja kapljevine (ISO 1817:2015)  
Rubber, vulcanized or thermoplastic – Determination of the effect of liquids (ISO 1817:2015)  
- zamijenjena s: HRN ISO 1817:2024

HRN ISO 2878:2015 en

Guma i elastoplastomeri – Antistatički proizvodi i proizvodi koji su električni provodljivi – Određivanje električne otpornosti (ISO 2878:2011)  
Rubber, vulcanized or thermoplastic – Antistatic and conductive products – Determination of electrical resistance (ISO 2878:2011)  
- zamijenjena s: HRN ISO 2878:2024

HRN ISO 4649:2021 en

Guma i elastoplastomeri – Određivanje abrazijske otpornosti uređajem s rotirajućim cilindričnim bubnjem (ISO 4649:2017)  
Rubber, vulcanized or thermoplastic – Determination of abrasion resistance using a rotating cylindrical drum device (ISO 4649:2017)  
- zamijenjena s: HRN ISO 4649:2024

HRN ISO 7619-1:2013 en

Guma, vulkanizirana ili plastomerna – Određivanje tvrdoće utiskivanjem – 1. dio: Metoda pomoću durometra (Tvrdoća po Shore-u) (ISO 7619-1:2010)  
Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 1: Durometer method (Shore hardness) (ISO 7619-1:2010)  
- zamijenjena s: HRN ISO 48-4:2024

HRN ISO 7619-2:2013 en

Guma, vulkanizirana ili plastomerna – Određivanje tvrdoće utiskivanjem – 2. dio: IRHD metoda pomoću džepnog durometra (ISO 7619-2:2010)  
Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 2: IRHD pocket meter method (ISO 7619-2:2010)  
- zamijenjena s: HRN ISO 48-5:2024

HRN EN 12814-8:2021 en

Ispitivanje zavarenih spojeva plastomernih poluproizvoda – 8. dio: Zahtjevi (EN 12814-8:2021)  
Testing of welded joints of thermoplastics semi-finished products – Part 8: Requirements (EN 12814-8:2021)  
- zamijenjena s: HRN EN 12814-8:2024

HRN EN ISO 17855-2:2016 en

Plastika – Polietilen (PE) injekcijski prešani i ekstruzijski materijali – 2. dio: Priprema ispitnih uzoraka i određivanje svojstava (ISO 17855-2:2016; EN ISO 17855-2:2016)  
Plastics – Polyethylene (PE) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 17855-2:2016; EN ISO 17855-2:2016)  
- zamijenjena s: HRN EN ISO 17855-2:2024

HRN ISO 23794:2015 en

Guma i elastoplastomeri – Abrazijska ispitivanja – Upute (ISO 23794:2015)  
Rubber, vulcanized or thermoplastic – Abrasion testing – Guidance (ISO 23794:2015)  
- zamijenjena s: HRN ISO 23794:2024

### **HZN/TO 534, Spremnici za teret**

HRN EN 13160-2:2016 en

Sustavi za otkrivanje propuštanja – 2. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za tlačne i vakuumske sustave (EN 13160-2:2016)  
Leak detection systems – Part 2: Requirements and test/assessment methods for pressure and vacuum systems (EN 13160-2:2016)  
- zamijenjena s: HRN EN 13160-2:2024

HRN EN 13160-3:2016 en

Sustavi za otkrivanje propuštanja – 3. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za tekućinske sustave za spremnike (EN 13160-3:2016)  
Leak detection systems – Part 3: Requirements and test/assessment methods for liquid systems for tanks (EN 13160-3:2016)  
- zamijenjena s: HRN EN 13160-3:2024

HRN EN 13160-4:2016 en

Sustavi za otkrivanje propuštanja – 4. dio: Zahtjevi i metode ispitivanja/ocjenjivanja sustava za otkrivanje propuštanja na temelju senzora (EN 13160-4:2016)  
Leak detection systems – Part 4: Requirements and test/assessment methods for sensor based leak detection systems (EN 13160-4:2016)  
- zamijenjena s: HRN EN 13160-4:2024

HRN EN 13160-5:2016 en

Sustavi za otkrivanje propuštanja – 5. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za sustave mjerača u spremniku i sustave cjevovoda pod tlakom (EN 13160-5:2016)  
Leak detection systems – Part 5: Requirements and test/assessment methods for in-tank gauge systems and pressurised pipework systems (EN 13160-5:2016)  
- zamijenjena s: HRN EN 13160-5:2024

HRN EN 13160-7:2016 en

Sustavi za otkrivanje propuštanja – 7. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za međuprostore stijenki, obloge za otkrivanje propuštanja i dvostruke plašteve za otkrivanje propuštanja (EN 13160-7:2016)  
Leak detection systems – Part 7: Requirements and test/assessment methods for interstitial spaces, leak detection linings and leak detection jackets (EN 13160-7:2016)  
- zamijenjena s: HRN EN 13160-7:2024

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

HRN EN 673:2011 en

Staklo u graditeljstvu – Određivanje koeficijenta prolaska topline (U vrijednost) – Proračunska metoda (EN 673:2011)  
Glass in building – Determination of thermal transmittance (U value) – Calculation method (EN 673:2011)  
- zamijenjena s: HRN EN 673:2024

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

HRN EN 16211:2015 en

Ventilacija u zgradama – Mjerenje protoka zraka na licu mjesta – Metode (EN 16211:2015)  
Ventilation for buildings – Measurement of air flows on site – Methods (EN 16211:2015)  
- zamijenjena s: HRN EN 16211:2024

### **HZN/TO 544, Strojni elementi**

HRN ISO 14635-1:2010 en

Zupčanci – Ispitni postupci FZG – 1. dio: Ispitna metoda FZG A/8,3/90 za određivanje relativne nosivosti ulja u odnosu na zaribavanje (ISO 14635-1:2000)  
Gears – FZG test procedures – Part 1: FZG test method A/8,3/90 for relative scuffing load-carrying capacity of oils (ISO 14635-1:2000)  
- zamijenjena s: HRN ISO 14635-1:2024

HRN ISO 14635-2:2010 en

Zupčanci – Ispitni postupci FZG – 2. dio: Ispitivanje sa stupnjevitim opterećivanjem FZG A10/16, 6R/120 za određivanje relativne nosivosti visokokvalitetnih ulja za ekstremne pritiske u odnosu na zaribavanje (ISO 14635-2:2004)  
Gears – FZG test procedures – Part 2: FZG step load test A10/16, 6R/120 for relative scuffing load-carrying capacity of high EP oils (ISO 14635-2:2004)  
- zamijenjena s: HRN ISO 14635-2:2024

HRN ISO 14635-3:2010 en

Zupčanci – Ispitni postupci FZG – 3. dio: Ispitna metoda FZG A/2,8/50 za određivanje relativne nosivosti polutekućih zupčaničkih masti u odnosu na zaribavanje i njihovih svojstava u odnosu na trošenje (ISO 14635-3:2005)  
Gears – FZG test procedures – Part 3: FZG test method A/2, 8/50 for relative scuffing load-carrying capacity and wear characteristics of semifluid gear greases (ISO 14635-3:2005)  
- zamijenjena s: HRN ISO 14635-3:2024

### **HZN/TO 546, Očuvanje kulturne baštine**

HRN EN 16141:2013 en

Očuvanje kulturne baštine – Smjernice za upravljanje uvjetima okoliša – Otvorena skladišta: definicije i značajke sabirnih centara za očuvanje kulturne baštine i upravljanje njome (EN 16141:2012)  
Conservation of cultural heritage – Guidelines for management of environmental conditions – Open storage facilities: definitions and characteristics of collection centres dedicated to the preservation and management of cultural heritage (EN 16141:2012)  
- zamijenjena s: HRN EN 16141:2024

### **HZN/TO 549, Svjetlo i rasvjeta**

HRN EN 12464-2:2014 en

Svjetlo i rasvjeta – Rasvjeta radnih mjesta – 2. dio: Vanjski radni prostori (EN 12464-2:2014)  
Light and lighting – Lighting of work places – Part 2: Outdoor work places (EN 12464-2:2014)  
- zamijenjena s: HRN EN 12464-2:2024

### **HZN/TO 554, Obrada otpadnih voda**

HRN EN 12255-1:2002 en

Uređaji za pročišćivanje otpadnih voda – 1. dio: Opća načela izvedbe (EN 12255-1:2002)  
Wastewater treatment plants – Part 1: General construction principles (EN 12255-1:2002)  
- zamijenjena s: HRN EN 12255-1:2024

### **HZN/TO 555, Medicinski proizvodi**

HRN EN ISO 80369-20:2015 en

Spojnice malog promjera za tekućine i plinove za primjenu u zdravstvu – 20. dio: Opće metode ispitivanja (ISO 80369-20:2015; EN ISO 80369-20:2015)  
Small-bore connectors for liquids and gases in healthcare applications – Part 20: Common test methods (ISO 80369-20:2015; EN ISO 80369-20:2015)  
- zamijenjena s: HRN EN ISO 80369-20:2024

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

HRN EN 15081:2008 en

Industrijski zaporni uređaji – Ugradbene garniture za spajanje djelomično zakretnog pogonskog člana zapornog uređaja (EN 15081:2007)  
Industrial valves – Mounting kits for part-turn valve actuator attachment (EN 15081:2007)  
- zamijenjena s: HRN EN ISO 5640:2024

### **HZN/TO 560, Tekstilni proizvodi**

HRN EN ISO 9073-7:2003 en

Tekstil – Metode ispitivanja netkanog tekstila – 7. dio: Određivanje duljine savijanja (ISO 9073-7:1995; EN ISO 9073-7:1998)  
Textiles – Test methods for nonwovens – Part 7: Determination of bending length (ISO 9073-7:1995; EN ISO 9073-7:1998)  
- zamijenjena s: HRN EN ISO 9073-7:2024

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

HRN EN 13480-1:2017 hr,en-en

Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2017)  
Metallic industrial piping – Part 1: General (EN 13480-1:2017)  
- zamijenjena s: HRN EN 13480-1:2024

HRN EN 13480-1:2017/A1:2019 hr,en-en

Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2017/A1:2019)  
Metallic industrial piping – Part 1: General (EN 13480-1:2017/A1:2019)  
- zamijenjena s: HRN EN 13480-1:2024

HRN EN 13480-1:2017/Izd.2:2020 en

Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2017, 2. izdanje 2019-06)  
Metallic industrial piping – Part 1: General (EN 13480-1:2017, Issue 2 2019-06)  
- zamijenjena s: HRN EN 13480-1:2024

HRN EN 13480-2:2017 hr,en-en

Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2017)  
Metallic industrial piping – Part 2: Materials (EN 13480-2:2017)  
- zamijenjena s: HRN EN 13480-2:2024

- HRN EN 13480-2:2017/A1:2018 hr,en-en  
Metalni industrijski cjevovodi – 2. dio: Materijali  
(EN 13480-2:2017/A1:2018)  
Metallic industrial piping – Part 2: Materials  
(EN 13480-2:2017/A1:2018)  
- zamijenjena s: HRN EN 13480-2:2024
- HRN EN 13480-2:2017/A2:2018 hr,en-en  
Metalni industrijski cjevovodi – 2. dio: Materijali  
(EN 13480-2:2017/A2:2018)  
Metallic industrial piping – Part 2: Materials  
(EN 13480-2:2017/A2:2018)  
- zamijenjena s: HRN EN 13480-2:2024
- HRN EN 13480-2:2017/A3:2018 hr,en-en  
Metalni industrijski cjevovodi – 2. dio: Materijali  
(EN 13480-2:2017/A3:2018)  
Metallic industrial piping – Part 2: Materials  
(EN 13480-2:2017/A3:2018)  
- zamijenjena s: HRN EN 13480-2:2024
- HRN EN 13480-2:2017/A7:2020 en  
Metalni industrijski cjevovodi – 2. dio: Materijali  
(EN 13480-2:2017/A7:2020)  
Metallic industrial piping – Part 2: Materials  
(EN 13480-2:2017/A7:2020)  
- zamijenjena s: HRN EN 13480-2:2024
- HRN EN 13480-2:2017/A8:2021 en  
Metalni industrijski cjevovodi – 2. dio: Materijali  
(EN 13480-2:2017/A8:2021)  
Metallic industrial piping – Part 2: Materials  
(EN 13480-2:2017/A8:2021)  
- zamijenjena s: HRN EN 13480-2:2024
- HRN EN 13480-2:2017/lzd.2:2020 en  
Metalni industrijski cjevovodi – 2. dio: Materijali  
(EN 13480-2:2017, 2. izdanje 2019-06)  
Metallic industrial piping – Part 2: Materials  
(EN 13480-2:2017, Issue 2 2019-06)  
- zamijenjena s: HRN EN 13480-2:2024
- HRN EN 13480-3:2017 en  
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun  
(EN 13480-3:2017)  
Metallic industrial piping – Part 3: Design and calculation  
(EN 13480-3:2017)  
- zamijenjena s: HRN EN 13480-3:2024
- HRN EN 13480-3:2017/A1:2021 en  
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun  
(EN 13480-3:2017/A1:2021)  
Metallic industrial piping – Part 3: Design and calculation  
(EN 13480-3:2017/A1:2021)  
- zamijenjena s: HRN EN 13480-3:2024
- HRN EN 13480-3:2017/A2:2020 en  
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun  
(EN 13480-3:2017/A2:2020)  
Metallic industrial piping – Part 3: Design and calculation  
(EN 13480-3:2017/A2:2020)  
- zamijenjena s: HRN EN 13480-3:2024
- HRN EN 13480-3:2017/A3:2020 en  
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun  
(EN 13480-3:2017/A3:2020)  
Metallic industrial piping – Part 3: Design and calculation  
(EN 13480-3:2017/A3:2020)  
- zamijenjena s: HRN EN 13480-3:2024
- HRN EN 13480-3:2017/A4:2021 en  
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun  
(EN 13480-3:2017/A4:2021)  
Metallic industrial piping – Part 3: Design and calculation  
(EN 13480-3:2017/A4:2021)  
- zamijenjena s: HRN EN 13480-3:2024
- HRN EN 13480-3:2017/A5:2023 en  
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun  
(EN 13480-3:2017/A5:2022)  
Metallic industrial piping – Part 3: Design and calculation  
(EN 13480-3:2017/A5:2022)  
- zamijenjena s: HRN EN 13480-3:2024
- HRN EN 13480-3:2017/lzd.2:2022 en  
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun  
(EN 13480-3:2017, 2. izdanje 2021-10)  
Metallic industrial piping – Part 3: Design and calculation  
(EN 13480-3:2017, Issue 2 2021-10)  
- zamijenjena s: HRN EN 13480-3:2024
- HRN EN 13480-4:2017 hr,en-en  
Metalni industrijski cjevovodi – 4. dio: Izrada i ugradnja  
(EN 13480-4:2017)  
Metallic industrial piping – Part 4: Fabrication and installation  
(EN 13480-4:2017)  
- zamijenjena s: HRN EN 13480-4:2024
- HRN EN 13480-4:2017/A1:2023 en  
Metalni industrijski cjevovodi – 4. dio: Izrada i ugradnja  
(EN 13480-4:2017/A1:2023)  
Metallic industrial piping – Part 4: Fabrication and installation  
(EN 13480-4:2017/A1:2023)  
- zamijenjena s: HRN EN 13480-4:2024
- HRN EN 13480-4:2017/A2:2023 en  
Metalni industrijski cjevovodi – 4. dio: Izrada i ugradnja  
(EN 13480-4:2017/A2:2023)  
Metallic industrial piping – Part 4: Fabrication and installation  
(EN 13480-4:2017/A2:2023)  
- zamijenjena s: HRN EN 13480-4:2024
- HRN EN 13480-5:2017 hr,en-en  
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje  
(EN 13480-5:2017)  
Metallic industrial piping – Part 5: Inspection and testing  
(EN 13480-5:2017)  
- zamijenjena s: HRN EN 13480-5:2024
- HRN EN 13480-5:2017/A1:2019 hr,en-en  
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje  
(EN 13480-5:2017/A1:2019)  
Metallic industrial piping – Part 5: Inspection and testing  
(EN 13480-5:2017/A1:2019)  
- zamijenjena s: HRN EN 13480-5:2024
- HRN EN 13480-5:2017/A2:2021 en  
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje  
(EN 13480-5:2017/A2:2021)  
Metallic industrial piping – Part 5: Inspection and testing  
(EN 13480-5:2017/A2:2021)  
- zamijenjena s: HRN EN 13480-5:2024
- HRN EN 13480-5:2017/lzd.2:2020 en  
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje  
(EN 13480-5:2017, 2. izdanje 2019-06)  
Metallic industrial piping – Part 5: Inspection and testing  
(EN 13480-5:2017, Issue 2 2019-06)  
- zamijenjena s: HRN EN 13480-5:2024
- HRN EN 13480-6:2017 en  
Metalni industrijski cjevovodi – 6. dio: Dodatni zahtjevi za ukopane cjevovode (EN 13480-6:2017)  
Metallic industrial piping – Part 6: Additional requirements for buried piping (EN 13480-6:2017)  
- zamijenjena s: HRN EN 13480-6:2024
- HRN EN 13480-6:2017/A1:2019 en  
Metalni industrijski cjevovodi – 6. dio: Dodatni zahtjevi za ukopane cjevovode (EN 13480-6:2017/A1:2019)  
Metallic industrial piping – Part 6: Additional requirements for buried piping (EN 13480-6:2017/A1:2019)  
- zamijenjena s: HRN EN 13480-6:2024

HRN EN 13480-6:2017/lzd.2:2020 en

Metalni industrijski cjevovodi – 6. dio: Dodatni zahtjevi za ukopane cjevovode (EN 13480-6:2017, 2. izdanje 2019-06)  
Metallic industrial piping – Part 6: Additional requirements for buried piping (EN 13480-6:2017, Issue 2 2019-06)  
- zamijenjena s: HRN EN 13480-6:2024

HRN EN 13480-8:2017 en

Metalni industrijski cjevovodi – 8. dio: Dodatni zahtjevi za cjevovode od aluminija i aluminijevih legura (EN 13480-8:2017)  
Metallic industrial piping – Part 8: Additional requirements for aluminium and aluminium alloy piping (EN 13480-8:2017)  
- zamijenjena s: HRN EN 13480-8:2024

HRN EN 13480-8:2017/lzd.2:2020 en

Metalni industrijski cjevovodi – 8. dio: Dodatni zahtjevi za cjevovode od aluminija i aluminijevih legura (EN 13480-8:2017, 2. izdanje 2019-06)  
Metallic industrial piping – Part 8: Additional requirements for aluminium and aluminium alloy piping (EN 13480-8:2017, Issue 2 2019-06)  
- zamijenjena s: HRN EN 13480-8:2024

HRN EN 14071:2019 en

Oprema i pribor za UNP – Sigurnosni ventili za posude pod tlakom za UNP – Pomoćna oprema (EN 14071:2015+A1:2019)  
LPG equipment and accessories – Pressure relief valves for LPG pressure vessels – Ancillary equipment (EN 14071:2015+A1:2019)  
- zamijenjena s: HRN EN 14071:2024

HRN EN 14129:2014 en

Oprema i pribor za UNP – Sigurnosni ventili za tlačne posude za UNP (EN 14129:2014)  
LPG Equipment and accessories – Pressure relief valves for LPG pressure vessels (EN 14129:2014)  
- zamijenjena s: HRN EN 14129:2024

HRN EN 17339:2020 en

Prenosive plinske boce – Kompozitne boce i cilindrični spremnici za vodik potpuno omotane ugljičnim vlaknima (EN 17339:2020)  
Transportable gas cylinders – Fully wrapped carbon composite cylinders and tubes for hydrogen (EN 17339:2020)  
- zamijenjena s: HRN EN 17339:2024

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

HRN EN 16466-1:2013 en

Ocat – Izotopna analiza octene kiseline i vode – 1. dio: 2H-NMR analiza octene kiseline (EN 16466-1:2013)  
Vinegar – Isotopic analysis of acetic acid and water – Part 1: 2H-NMR analysis of acetic acid (EN 16466-1:2013)  
- zamijenjena s: HRN EN 16466-1:2024

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

HRN EN ISO 25649-1:2017 en

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 1. dio: Klasifikacija, materijali, osnovni zahtjevi i metode ispitivanja (ISO 25649-1:2017; EN ISO 25649-1:2017)  
Floating leisure articles for use on and in the water – Part 1: Classification, materials, general requirements and test methods (ISO 25649-1:2017; EN ISO 25649-1:2017)  
- zamijenjena s: HRN EN ISO 25649-1:2024

HRN EN ISO 25649-2:2017 en

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 2. dio: Obavijesti za potrošače (ISO 25649-2:2017; EN ISO 25649-2:2017)  
Floating leisure articles for use on and in the water – Part 2: Consumer information (ISO 25649-2:2017; EN ISO 25649-2:2017)  
- zamijenjena s: HRN EN ISO 25649-2:2024

HRN EN ISO 25649-3:2017 en

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 3. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave A kategorije (ISO 25649-3:2017; EN ISO 25649-3:2017)  
Floating leisure articles for use on and in the water – Part 3: Additional specific safety requirements and test methods for Class A devices (ISO 25649-3:2017; EN ISO 25649-3:2017)  
- zamijenjena s: HRN EN ISO 25649-3:2024

HRN EN ISO 25649-4:2017 en

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 4. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave B kategorije (ISO 25649-4:2017; EN ISO 25649-4:2017)  
Floating leisure articles for use on and in the water – Part 4: Additional specific safety requirements and test methods for Class B devices (ISO 25649-4:2017; EN ISO 25649-4:2017)  
- zamijenjena s: HRN EN ISO 25649-4:2024

HRN EN ISO 25649-5:2017 en

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 5. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave C kategorije (ISO 25649-5:2017; EN ISO 25649-5:2017)  
Floating leisure articles for use on and in the water – Part 5: Additional specific safety requirements and test methods for Class C devices (ISO 25649-5:2017; EN ISO 25649-5:2017)  
- zamijenjena s: HRN EN ISO 25649-5:2024

HRN EN ISO 25649-6:2017 en

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 6. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave D kategorije (ISO 25649-6:2017; EN ISO 25649-6:2017)  
Floating leisure articles for use on and in the water – Part 6: Additional specific safety requirements and test methods for Class D devices (ISO 25649-6:2017; EN ISO 25649-6:2017)  
- zamijenjena s: HRN EN ISO 25649-6:2024

HRN EN ISO 25649-7:2017 en

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 7. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave E kategorije (ISO 25649-7:2017; EN ISO 25649-7:2017)  
Floating leisure articles for use on and in the water – Part 7: Additional specific safety requirements and test methods for class E devices (ISO 25649-7:2017; EN ISO 25649-7:2017)  
- zamijenjena s: HRN EN ISO 25649-7:2024

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

HRN EN 14499:2015 en

Tekstilne podne obloge – Minimalni zahtjevi za podsloj tapisona (EN 14499:2015)  
Textile floor coverings – Minimum requirements for carpet underlays (EN 14499:2015)  
- zamijenjena s: HRN EN 14499:2024

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

HRN EN ISO 4628-3:2016 en

Boje i lakovi – Procjena propadanja prevlaka – Označavanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 3. dio: Ocjena stupnja hrđanja (ISO 4628-3:2016; EN ISO 4628-3:2016)  
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 3: Assessment of degree of rusting (ISO 4628-3:2016; EN ISO 4628-3:2016)  
- zamijenjena s: HRN EN ISO 4628-3:2024

HRS CEN/TS 17700-1:2022 en

Biljni biostimulansi – Tvrdnje – 1. dio: Opća načela (CEN/TS 17700-1:2022)  
Plant biostimulants – Claims – Part 1: General principles (CEN/TS 17700-1:2022)  
- zamijenjena s: HRN EN 17700-1:2024

- HRS CEN/TS 17700-2:2022 en  
Biljni biostimulansi – Tvrdnje – 2. dio: Učinkovitost iskorištavanja hranjivih tvari koja proizlazi iz upotrebe biljnog biostimulansa (CEN/TS 17700-2:2022)  
Plant biostimulants – Claims – Part 2: Nutrient use efficiency resulting from the use of a plant biostimulant (CEN/TS 17700-2:2022)  
- zamijenjena s: HRN EN 17700-2:2024
- HRS CEN/TS 17700-3:2022 en  
Biljni biostimulansi – Tvrdnje – 3. dio: Otpornost na abiotički stres koja proizlazi iz upotrebe biljnog biostimulansa (CEN/TS 17700-3:2022)  
Plant biostimulants – Claims – Part 3: Tolerance to abiotic stress resulting from the use of a plant biostimulant (CEN/TS 17700-3:2022)  
- zamijenjena s: HRN EN 17700-3:2024
- HRS CEN/TS 17700-4:2022 en  
Biljni biostimulansi – Tvrdnje – 4. dio: Određivanje obilježja kvalitete koja proizlaze iz upotrebe biljnog biostimulansa (CEN/TS 17700-4:2022)  
Plant biostimulants – Claims – Part 4: Determination of quality traits resulting from the use of a plant biostimulant (CEN/TS 17700-4:2022)  
- zamijenjena s: HRN EN 17700-4:2024
- HRS CEN/TS 17700-5:2022 en  
Biljni biostimulansi – Tvrdnje – 5. dio: Određivanje dostupnosti hranjivih tvari zarobljenih u tlu ili rizosferi (CEN/TS 17700-5:2022)  
Plant biostimulants – Claims – Part 5: Determination of availability of confined nutrients in the soil or rhizosphere (CEN/TS 17700-5:2022)  
- zamijenjena s: HRN EN 17700-5:2024
- HRS CEN/TS 17701-1:2022 en  
Biljni biostimulansi – Određivanje odabranih elemenata – 1. dio: Digestija zlatotopkom za naknadno određivanje elemenata (CEN/TS 17701-1:2022)  
Plant biostimulants – Determination of specific elements – Part 1: Digestion by aqua regia for subsequent determination of elements (CEN/TS 17701-1:2022)  
- zamijenjena s: HRN EN 17701-1:2024
- HRS CEN/TS 17701-2:2022 en  
Biljni biostimulansi – Određivanje odabranih elemenata – 2. dio: Određivanje ukupnog sadržaja Cd, Pb, Ni, As, Cr, Cu i Zn (CEN/TS 17701-2:2022)  
Plant biostimulants – Determination of specific elements – Part 2: Determination of total content of Cd, Pb, Ni, As, Cr, Cu and Zn (CEN/TS 17701-2:2022)  
- zamijenjena s: HRN EN 17701-2:2024
- HRS CEN/TS 17701-3:2022 en  
Biljni biostimulansi – Određivanje odabranih elemenata – 3. dio: Određivanje žive (CEN/TS 17701-3:2022)  
Plant biostimulants – Determination of specific elements – Part 3: Determination of mercury (CEN/TS 17701-3:2022)  
- zamijenjena s: HRN EN 17701-3:2024
- HRS CEN/TS 17702-1:2022 en  
Biljni biostimulansi – Uzorkovanje i priprema uzoraka – 1. dio: Uzorkovanje (CEN/TS 17702-1:2022)  
Plant biostimulants – Sampling and sample preparation – Part 1: Sampling (CEN/TS 17702-1:2022)  
- zamijenjena s: HRN EN 17702-1:2024
- HRS CEN/TS 17702-2:2022 en  
Biljni biostimulansi – Uzorkovanje i priprema uzoraka – 2. dio: Priprema uzoraka (CEN/TS 17702-2:2022)  
Plant biostimulants – Sampling and sample preparation – Part 2: Sample preparation (CEN/TS 17702-2:2022)  
- zamijenjena s: HRN EN 17702-2:2024
- HRS CEN/TS 17703:2022 en  
Biljni biostimulansi – Određivanje kroma (VI) (CEN/TS 17703:2022)  
Plant biostimulants – Determination of chromium(VI) (CEN/TS 17703:2022)  
- zamijenjena s: HRN EN 17703:2024
- HRS CEN/TS 17704:2022 en  
Biljni biostimulansi – Određivanje suhe tvari (CEN/TS 17704:2022)  
Plant biostimulants – Determination of dry matter (CEN/TS 17704:2022)  
- zamijenjena s: HRN EN 17704:2024
- HRS CEN/TS 17705:2022 en  
Biljni biostimulansi – Određivanje fosfonata (CEN/TS 17705:2022)  
Plant biostimulants – Determination of phosphonates (CEN/TS 17705:2022)  
- zamijenjena s: HRN EN 17705:2024
- HRS CEN/TS 17706:2022 en  
Biljni biostimulansi – Određivanje anorganskog arsena (CEN/TS 17706:2022)  
Plant biostimulants – Determination of inorganic arsenic (CEN/TS 17706:2022)  
- zamijenjena s: HRN EN 17706:2024
- HRS CEN/TS 17707:2022 en  
Biljni biostimulansi – Određivanje sadržaja kvasaca i plijesni (CEN/TS 17707:2022)  
Plant biostimulants – Determination of the yeast and mould content (CEN/TS 17707:2022)  
- zamijenjena s: HRN EN 17707:2024
- HRS CEN/TS 17708:2022 en  
Biljni biostimulansi – Priprema uzoraka za mikrobiološku analizu (CEN/TS 17708:2022)  
Plant biostimulants – Preparation of sample for microbial analysis (CEN/TS 17708:2022)  
- zamijenjena s: HRN EN 17708:2024
- HRS CEN/TS 17709:2022 en  
Biljni biostimulansi – Određivanje broja Azotobacter spp. (CEN/TS 17709:2022)  
Plant biostimulants – Determination of Azotobacter spp. (CEN/TS 17709:2022)  
- zamijenjena s: HRN EN 17709:2024
- HRS CEN/TS 17710:2022 en  
Biljni biostimulansi – Dokazivanje Listeria monocytogenes (CEN/TS 17710:2022)  
Plant biostimulants – Detection of Listeria monocytogenes (CEN/TS 17710:2022)  
- zamijenjena s: HRN EN 17710:2024
- HRS CEN/TS 17711:2022 en  
Biljni biostimulansi – Dokazivanje Vibrio spp. (CEN/TS 17711:2022)  
Plant biostimulants – Detection of Vibrio spp (CEN/TS 17711:2022)  
- zamijenjena s: HRN EN 17711:2024
- HRS CEN/TS 17712:2022 en  
Biljni biostimulansi – Dokazivanje Staphylococcus aureus (CEN/TS 17712:2022)  
Plant biostimulants – Detection of Staphylococcus aureus (CEN/TS 17712:2022)  
- zamijenjena s: HRN EN 17712:2024
- HRS CEN/TS 17713:2022 en  
Biljni biostimulansi – Određivanje broja Azospirillum spp. (CEN/TS 17713:2022)  
Plant biostimulants – Determination of Azospirillum spp. (CEN/TS 17713:2022)  
- zamijenjena s: HRN EN 17713:2024
- HRS CEN/TS 17714:2022 en  
Biljni biostimulansi – Određivanje koncentracije mikroorganizama (CEN/TS 17714:2022)  
Plant biostimulants – Determination of microorganisms' concentration (CEN/TS 17714:2022)  
- zamijenjena s: HRN EN 17714:2024



HRS CEN/TS 17715:2022 en  
Biljni biostimulansi – Dokazivanje Shigella spp.  
(CEN/TS 17715:2022)  
Plant biostimulants – Detection of Shigella spp.  
(CEN/TS 17715:2022)  
- zamijenjena s: HRN EN 17715:2024

HRS CEN/TS 17716:2022 en  
Biljni biostimulansi – Određivanje broja Escherichia coli  
(CEN/TS 17716:2022)  
Plant biostimulants – Determination of Escherichia coli  
(CEN/TS 17716:2022)  
- zamijenjena s: HRN EN 17716:2024

HRS CEN/TS 17717:2022 en  
Biljni biostimulansi – Dokazivanje Salmonella spp.  
(CEN/TS 17717:2022)  
Plant biostimulants – Detection of Salmonella spp.  
(CEN/TS 17717:2022)  
- zamijenjena s: HRN EN 17717:2024

HRS CEN/TS 17718:2022 en  
Biljni biostimulansi – Određivanje broja Rhizobium spp.  
(CEN/TS 17718:2022)  
Plant biostimulants – Determination of Rhizobium spp.  
(CEN/TS 17718:2022)  
- zamijenjena s: HRN EN 17718:2024

HRS CEN/TS 17719:2022 en  
Biljni biostimulansi – Određivanje broja anaerobnih mikroorganizama (CEN/TS 17719:2022)  
Plant biostimulants – Determination of the anaerobic plate count (CEN/TS 17719:2022)  
- zamijenjena s: HRN EN 17719:2024

HRS CEN/TS 17720:2022 en  
Biljni biostimulansi – Određivanje broja Enterococcaceae (CEN/TS 17720:2022)  
Plant biostimulants – Determination of Enterococcaceae (CEN/TS 17720:2022)  
- zamijenjena s: HRN EN 17720:2024

HRS CEN/TS 17721:2022 en  
Biljni biostimulansi – Određivanje pH vrijednosti tekućih mikrobnih biljnih biostimulansa/pH vrijednosti u mikrobnim proizvodima – Određivanje pH vrijednosti (CEN/TS 17721:2022)  
Plant biostimulants – Determination of the pH for liquid microbial plant biostimulants/pH in microbial products – Determination of pH (CEN/TS 17721:2022)  
- zamijenjena s: HRN EN 17721:2024

HRS CEN/TS 17722:2022 en  
Biljni biostimulansi – Određivanje mikoriznih gljivica (CEN/TS 17722:2022)  
Plant biostimulants – Determination of Mycorrhizal fungi (CEN/TS 17722:2022)  
- zamijenjena s: HRN EN 17722:2024

HRS CEN/TS 17723:2022 en  
Biljni biostimulansi – Određivanje klorida (CEN/TS 17723:2022)  
Plant biostimulants – Determination of chloride (CEN/TS 17723:2022)  
- zamijenjena s: HRN EN 17723:2024

HRS CEN/TS 17724:2022 en  
Biljni biostimulansi – Nazivlje (CEN/TS 17724:2022)  
Plant Biostimulants – Terminology (CEN/TS 17724:2022)  
- zamijenjena s: HRN EN 17724:2024

HRS CEN/TS 17725:2022 en  
Biljni biostimulansi – Određivanje količine (označene masom ili volumenom) (CEN/TS 17725:2022)  
Plant biostimulants – Determination of the quantity (indicated by mass or volume) (CEN/TS 17725:2022)  
- zamijenjena s: HRN EN 17725:2024

## HZN/TU I2, Strojarstvo 2

HRN EN 1860-1:2017 en  
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja (EN 1860-1:2013+A1:2017)  
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods (EN 1860-1:2013+A1:2017)  
- zamijenjena s: HRN EN 1860-1:2024

HRN EN 1860-1:2017/Ispr.1:2018 en  
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja (EN 1860-1:2013+A1:2017/AC:2017)  
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods (EN 1860-1:2013+A1:2017/AC:2017)  
- zamijenjena s: HRN EN 1860-1:2024

## HZN/TU N1, Nemetalni materijali 1

HRN EN ISO 19628:2021 en  
Fine ceramics (advanced ceramics, advanced technical ceramics) – Thermophysical properties of ceramic composites – Determination of specific heat capacity (ISO 19628:2017; EN ISO 19628:2021)  
- zamijenjena s: HRN EN ISO 19628:2024

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

HRN EN ISO 7197:2011 en  
Neurokirurški implantati – Sterilni jednokratni shuntovi za hidrocefalus i njihove komponente (ISO 7197:2006+Cor 1:2007; EN ISO 7197:2009)  
Neurosurgical implants – Sterile, single-use hydrocephalus shunts and components (ISO 7197:2006+Cor 1:2007; EN ISO 7197:2009)  
- zamijenjena s: HRN EN ISO 7197:2024

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

HRN EN 3487:2008 en  
Nizovi o zrakoplovstvu – Čelik FE-PA3601 (X6CrNiTi18-10) – Taljen na zraku – Omekšan – Šipke za strojnu obradu – a ili D ≤ 250 mm – 500 MPa ≤ Rm ≤ 700 MPa (EN 3487:2007)  
Aerospace series – Steel FE-PA3601 (X6CrNiTi18-10) – Air melted – Softened – Bar for machining – a or D ≤ 250 mm – 500 MPa ≤ Rm ≤ 700 MPa (EN 3487:2007)  
- zamijenjena s: HRN EN 3487:2024

HRN EN 4165-005:2008 en  
Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 005. dio: Ugradbene utičnice za odlaganje modula 2 i 4, serije 3 – Norma za proizvod (EN 4165-005:2007)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 005: Stackable mounting receptacle 2 and 4 modules, series 3 – Product standard (EN 4165-005:2007)  
- zamijenjena s: HRN EN 4165-005:2024

HRN EN 4165-006:2008 en  
Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 006. dio: Utikač za module 2 i 4, serije 2 – Norma za proizvod (EN 4165-006:2007)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 006: Plug for 2 and 4 modules, series 2 – Product standard (EN 4165-006:2007)  
- zamijenjena s: HRN EN 4165-006:2024

HRN EN 4165-007:2008 en  
Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 007. dio: Utikač za module 2 i 4, serije 3 – Norma za proizvod (EN 4165-007:2007)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 007: Plug for 2 and 4 modules, series 3 – Product standard (EN 4165-007:2007)  
- zamijenjena s: HRN EN 4165-007:2024

HRN EN 4165-008:2008 en

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 008. dio: Priključna kutija i pločasti utikač za module 2 i 4, serije 2 – Norma za proizvod (EN 4165-008:2007)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 008: Rack and panel plug for 2 and 4 modules, series 2 – Product standard (EN 4165-008:2007)  
- zamijenjena s: HRN EN 4165-008:2024

HRN EN 4165-010:2008 en

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 010. dio: Priključna kutija i pločasti utikač ugrađen sa stražnje strane za module 2 i 4, serije 3 – Norma za proizvod (EN 4165-010:2007)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 010: Rack and panel rear mounted plug for 2 and 4 modules, series 2 – Product standard (EN 4165-010:2007)  
- zamijenjena s: HRN EN 4165-010:2024

HRN EN 4165-011:2008 en

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 011. dio: Utičnica s ugrađenom prirubnicom modula 2 i 4, serije 2 – Norma za proizvod (EN 4165-011:2007)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 011: Flange mounting receptacle 2 and 4 modules, series 2 – Product standard (EN 4165-011:2007)  
- zamijenjena s: HRN EN 4165-011:2024

HRN EN 4165-013:2016 en

Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 013: Stega za kabel za module 2 i 4 za spojnice, serije 2 i 3 – Norma za proizvod (EN 4165-013:2016)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 013: Cable clamp 2 and 4 modules for connectors, series 2 and 3 – Product standard (EN 4165-013:2016)  
- zamijenjena s: HRN EN 4165-013:2024

HRN EN 4165-016:2008 en

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 016. dio: Dvostruki ovalni dimnjak za opremu (1 po šupljini modula) – Norma za proizvod (EN 4165-016:2005)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 016: Double oval chimney for accessory (1 per 2 modules) – Product standard (EN 4165-016:2005)  
- zamijenjena s: HRN EN 4165-016:2024

HRN EN 4165-017:2008 en

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 017. dio: Prazni dimnjak za opremu (1 po šupljini modula) – Norma za proizvod (EN 4165-017:2005)  
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 017: Blank chimney for accessory (1 per module cavity) – Product standard (EN 4165-017:2005)  
- zamijenjena s: HRN EN 4165-017:2024

HRN EN 4165-026:2019 en

Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 026: Oprema za samostalne module – Norma za proizvod (EN 4165-026:2018)  
Aerospace series – Connector, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 026: Accessories for single module connector – Product standard (EN 4165-026:2018)  
- zamijenjena s: HRN EN 4165-026:2024

HRN EN 4473:2011 en

Nizovi o zrakoplovstvu – Aluminijski pigmentirani premazi za stezače – Tehnička specifikacija (EN 4473:2010)  
Aerospace series – Aluminium pigmented coatings for fasteners – Technical specification (EN 4473:2010)  
- zamijenjena s: HRN EN 4473:2024

HRN EN 4474:2016 en

Zrakoplovstvo – Premazi pigmentirani aluminijem – Metode premazivanja (EN 4474:2016)  
Aerospace series – Aluminium pigmented coatings – Coating methods (EN 4474:2016)

## 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 551, *Gradnja*

- **umjesto**

HRN EN ISO 7817-1:2024

**Modeliranje informacija o građevinama** – Razina potrebnih informacija – 1. dio: Koncepti i načela (ISO 7817-1:2024; EN ISO 7817-1:2024)

Building Information Modelling – Level of Information Need – Part 1: Concepts and principles (ISO 7817-1:2024; EN ISO 7817-1:2024)

- **treba biti**

HRN EN ISO 7817-1:2024

**Informacijsko modeliranje građevina/gradnje** – Razina potrebnih informacija – 1. dio: Koncepti i načela (ISO 7817-1:2024; EN ISO 7817-1:2024)

Building Information Modelling – Level of Information Need – Part 1: Concepts and principles (ISO 7817-1:2024; EN ISO 7817-1:2024)

- **umjesto**

HRN EN 17632-1:2022

**Modeliranje informacija o građevinama (BIM)** – Semantičko modeliranje i povezivanje (SML) – 1. dio: Generički uzorci za modeliranje (EN 17632-1:2022)

Building information modelling (BIM) – Semantic modelling and linking (SML) – Part 1: Generic modelling patterns (EN 17632-1:2022)

- **treba biti**

HRN EN 17632-1:2022

**Informacijsko modeliranje građevina/gradnje (BIM)** – Semantičko modeliranje i povezivanje (SML) – 1. dio: Generički uzorci za modeliranje (EN 17632-1:2022)

Building information modelling (BIM) – Semantic modelling and linking (SML) – Part 1: Generic modelling patterns (EN 17632-1:2022)

- **umjesto**

HRN EN ISO 19650-1:2019

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **modeliranje informacija o građevinama (BIM)** – Upravljanje informacijama **modeliranjem informacija o građevinama** – 1. dio: Koncepti i načela (ISO 19650-1:2018; EN ISO 19650-1:2018)

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 1: Concepts and principles (ISO 19650-1:2018; EN ISO 19650-1:2018)

- **treba biti**

HRN EN ISO 19650-1:2019

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **informacijsko modeliranje građevina/gradnje (BIM)** – Upravljanje informacijama **korištenjem informacijskog modeliranja građevina/gradnje** – 1. dio: Koncepti i načela (ISO 19650-1:2018; EN ISO 19650-1:2018)

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 1: Concepts and principles (ISO 19650-1:2018; EN ISO 19650-1:2018)

- **umjesto**

HRN EN ISO 19650-2:2019

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **modeliranje informacija o građevinama (BIM)** – Upravljanje informacijama **modeliranjem informacija o građevinama** – 2. dio: Faza isporuke imovine (ISO 19650-2:2018; EN ISO 19650-2:2018)

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 2: Delivery phase of the assets (ISO 19650-2:2018; EN ISO 19650-2:2018)

- **treba biti**

HRN EN ISO 19650-2:2019

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **informacijsko modeliranje građevina/gradnje (BIM)** – Upravljanje informacijama **korištenjem informacijskog modeliranja građevina/gradnje** – 2. dio: Faza isporuke imovine (ISO 19650-2:2018; EN ISO 19650-2:2018)

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 2: Delivery phase of the assets (ISO 19650-2:2018; EN ISO 19650-2:2018)

- **umjesto**

HRN EN ISO 19650-3:2020

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **modeliranje informacija o građevinama (BIM)** – Upravljanje informacijama **modeliranjem informacija o građevinama** – 3. dio: Operativna faza imovine (ISO 19650-3:2020; EN ISO 19650-3:2020)

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; EN ISO 19650-3:2020)

- **treba biti**

HRN EN ISO 19650-3:2020

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **informacijsko modeliranje građevina/gradnje (BIM)** – Upravljanje informacijama **korištenjem informacijskog modeliranja građevina/gradnje** – 3. dio: Operativna faza imovine (ISO 19650-3:2020; EN ISO 19650-3:2020)

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; EN ISO 19650-3:2020)

- **umjesto**

HRN EN ISO 19650-4:2022

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **modeliranje informacija o građevinama** (BIM) – Upravljanje informacijama **modeliranjem informacija o građevinama** – 4. dio: Razmjena podataka (ISO 19650-4:2022; EN ISO 19650-4:2022)

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 4: Information exchange (ISO 19650-4:2022; EN ISO 19650-4:2022)

- **treba biti**

HRN EN ISO 19650-4:2022

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **informacijsko modeliranje građevina/gradnje** (BIM) – Upravljanje informacijama **korištenjem informacijskog modeliranja građevina/gradnje** – 4. dio: Razmjena podataka (ISO 19650-4:2022; EN ISO 19650-4:2022)

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 4: Information exchange (ISO 19650-4:2022; EN ISO 19650-4:2022)

- **umjesto**

HRN EN ISO 19650-5:2020

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **modeliranje informacija o građevinama** (BIM) – Upravljanje informacijama **modeliranjem informacija o građevinama** – 5. dio: Sigurnosni pristup upravljanju informacijama (ISO 19650-5:2020; EN ISO 19650-5:2020)

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 5: Security-minded approach to information management (ISO 19650-5:2020; EN ISO 19650-5:2020)

- **treba biti**

HRN EN ISO 19650-5:2020

Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući **informacijsko modeliranje građevina/gradnje** (BIM) – Upravljanje informacijama **korištenjem informacijskog modeliranja građevina/gradnje** – 5. dio: Sigurnosni pristup upravljanju informacijama (ISO 19650-5:2020; EN ISO 19650-5:2020)

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 5: Security-minded approach to information management (ISO 19650-5:2020; EN ISO 19650-5:2020)

- **umjesto**

HRN EN ISO 23386:2020

**Modeliranje informacija o građevinama** i ostali digitalni procesi u graditeljstvu – Metodologija opisivanja, kreiranja i održavanja svojstava u međusobno povezanim rječnicima podataka (ISO 23386:2020; EN ISO 23386:2020)

Building information modelling and other digital processes used in construction – Methodology to describe, author and maintain properties in interconnected data dictionaries (ISO 23386:2020; EN ISO 23386:2020)

- **treba biti**

HRN EN ISO 23386:2020

**Informacijsko modeliranje građevina/gradnje** i ostali digitalni procesi u graditeljstvu – Metodologija opisivanja, kreiranja i održavanja svojstava u međusobno povezanim rječnicima podataka (ISO 23386:2020; EN ISO 23386:2020)

Building information modelling and other digital processes used in construction – Methodology to describe, author and maintain properties in interconnected data dictionaries (ISO 23386:2020; EN ISO 23386:2020)

- **umjesto**

HRN EN ISO 23387:2020

**Modeliranje informacija o građevinama** (BIM) – Predložci podataka za građevne elemente koji se upotrebljavaju tijekom životnog ciklusa građevine – Koncepti i načela (ISO 23387:2020; EN ISO 23387:2020)

Building Information Modelling (BIM) – Data templates for construction objects used in the life cycle of any built asset – Concepts and principles (ISO 23387:2020; EN ISO 23387:2020)

- **treba biti**

HRN EN ISO 23387:2020

**Informacijsko modeliranje građevina/gradnje** (BIM) – Predložci podataka za građevne elemente koji se upotrebljavaju tijekom životnog ciklusa građevine – Koncepti i načela (ISO 23387:2020; EN ISO 23387:2020)

Building Information Modelling (BIM) – Data templates for construction objects used in the life cycle of any built asset – Concepts and principles (ISO 23387:2020; EN ISO 23387:2020)

- **umjesto**

HRN EN ISO 29481-1:2017

**Modeli informacija o građevinama** – Priručnik za razmjenu informacija – 1. dio: Metodologija i format (ISO 29481-1:2016; EN ISO 29481-1:2017)

Building information models – Information delivery manual – Part 1: Methodology and format (ISO 29481-1:2016; EN ISO 29481-1:2017)

- **treba biti**

HRN EN ISO 29481-1:2017

**Informacijski modeli građevina/gradnje** – Priručnik za razmjenu informacija – 1. dio: Metodologija i format (ISO 29481-1:2016; EN ISO 29481-1:2017)

Building information models – Information delivery manual – Part 1: Methodology and format (ISO 29481-1:2016; EN ISO 29481-1:2017)

- **umjesto**

HRN EN ISO 29481-2:2016

**Modeli informacija o građevinama** – Priručnik za razmjenu informacija – 2. dio: Okvir za interakciju (ISO 29481-2:2012; EN ISO 29481-2:2016)

Building information models – Information delivery manual – Part 2: Interaction framework (ISO 29481-2:2012; EN ISO 29481-2:2016)

- **treba biti**

HRN EN ISO 29481-2:2016

**Informacijski modeli građevina/gradnje** – Priručnik za razmjenu informacija – 2. dio: Okvir za interakciju (ISO 29481-2:2012; EN ISO 29481-2:2016)

Building information models – Information delivery manual – Part 2: Interaction framework (ISO 29481-2:2012; EN ISO 29481-2:2016)

## HZN/TO 554, *Obrada otpadnih voda*

- **umjesto**

HRN EN 1917:2005

Betonska kontrolna okna i komore, nearmirana, **s čeličnim vlaknima** i armirana (EN 1917:2002)

Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced (EN 1917:2002)

- **treba biti**

HRN EN 1917:2005

Betonska kontrolna okna i komore, nearmirana, **kompozitna** i armirana (EN 1917:2002)

Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced (EN 1917:2002)

- **umjesto**

HRN EN 1917:2005/Ispr.1:2008

Betonska kontrolna okna i komore, nearmirana, s **čeličnim vlaknima** i armirana (EN 1917:2002/AC:2008)

Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced (EN 1917:2002/AC:2008)

- **treba biti**

HRN EN 1917:2005/Ispr.1:2008

Betonska kontrolna okna i komore, nearmirana, **kompozitna** i armirana (EN 1917:2002/AC:2008)

Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced (EN 1917:2002/AC:2008)

## HZN/TO 557, **Zaštitna odjeća**

- **umjesto**

HRN EN ISO 13506-1:2024

Odjeća za zaštitu od topline i plamena – 1. dio: Metoda ispitivanja kompleta odjeće – Mjerenje prolaza energije uporabom lutke s instrumentima (ISO 13506-1:2024; EN ISO 13506-1:2024)

Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin (ISO 13506-1:2024; EN ISO 13506-1:2024)

- **treba biti**

HRN EN ISO 13506-1:2024

**Zaštitna** odjeća za zaštitu od topline i plamena – 1. dio: Metoda ispitivanja kompleta odjeće – Mjerenje prolaza energije uporabom lutke s instrumentima (ISO 13506-1:2024; EN ISO 13506-1:2024)

Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin (ISO 13506-1:2024; EN ISO 13506-1:2024)

## HZN/TU B2, **Graditeljstvo 2**

- **umjesto**

HRN EN 14650:2008

Predgotovljeni betonski proizvodi – Opća pravila **tvorničke kontrole proizvodnje** betona s metalnim vlaknima (EN 14650:2005)

Precast concrete products – General rules for factory production control of metallic fibered concrete (EN 14650:2005)

- **treba biti**

HRN EN 14650:2008

Predgotovljeni betonski proizvodi – Opća pravila **za kontrolu tvorničke proizvodnje** betona s metalnim vlaknima (EN 14650:2005)

Precast concrete products – General rules for factory production control of metallic fibered concrete (EN 14650:2005)

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

- **umjesto**

HRN EN ISO 11608-4:2022

Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 4. dio: Injekcijski sustavi s iglom koji sadrže elektroničke elemente (ISO 11608-4:2022; EN ISO 11608-4:2022)

Needle-based injection systems for medical use – Requirements and test methods – Part 4: Needle-based injection systems containing electronics (ISO 11608-4:2022; EN ISO 11608-4:2022)

- **treba biti**

HRN EN ISO 11608-4:2022

Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 4. dio: Injekcijski sustavi s iglom koji sadrže elektroničke elemente (ISO 11608-4:2022, **ispravljena verzija 2024-12**; EN ISO 11608-4:2022)

Needle-based injection systems for medical use – Requirements and test methods – Part 4: Needle-based injection systems containing electronics (ISO 11608-4:2022, **Corrected version 2024-12**; EN ISO 11608-4:2022)

## 1.10 Prijevodi hrvatskih normativnih dokumenata

### **HZN/ TO E76, Sigurnost optičkoga zračenja i laserska oprema**

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

HRN EN 60825-2:2008 hr-en pr-pp  
Sigurnost laserskih proizvoda – 2. dio: Sigurnost komunikacijskih sustava s optičkim vlaknima (OFCS) (IEC 60825-2:2004+am1:2006; EN 60825-2:2004+A1:2007)  
Safety of laser products – Part 2: Safety of optical fibre communication systems (OFCS) (IEC 60825-2:2004+am1:2006; EN 60825-2:2004+A1:2007)

HRN EN 60825-2:2008/A2:2010 hr-en pr-pp  
Sigurnost laserskih proizvoda – 2. dio: Sigurnost komunikacijskih sustava s optičkim vlaknima (OFCS) (IEC 60825-2:2004/am2:2010; EN 60825-2:2004/A2:2010)  
Safety of laser products – Part 2: Safety of optical fibre communication systems (OFCS) (IEC 60825-2:2004/am2:2010; EN 60825-2:2004/A2:2010)

### **HZN/TO Z1, Informacijska tehnologija**

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

HRS CEN/TS 419261:2015 hr-en pr-pp  
Sigurnosni zahtjevi za pouzdane sustave upravljanja certifikatima za elektronički potpis (CEN/TS 419261:2015)  
Security requirements for trustworthy systems managing certificates for electronic signatures (CEN/TS 419261:2015)

## 2 Rezultati međunarodne i europske normizacije

### Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 509	Decorative fuel-effect gas appliances	97.100.20	listopad 2024.
EN 711	Inland navigation vessels – Railings for decks and side decks – Requirements, designs and types	47.020.10	listopad 2024.
CEN/TS 927-15	Paints and varnishes – Coating materials and coating systems for exterior wood – Part 15: Assessment of bleeding of coloured wood extractives through a coating by means of a water immersion test	87.040	listopad 2024.
CEN/TS 1090-201	Execution of steel structures and aluminium structures – Reuse of structural steel	91.010.30; 91.080.13	listopad 2024.
EN 1269	Textile floor coverings – Assessment of impregnations in needled floor coverings by means of a soiling test	97.150	listopad 2024.
EN 1366-8	Fire resistance tests for service installations – Part 8: Smoke extraction ducts	13.220.20; 13.220.50	listopad 2024.
EN 1366-9	Fire resistance tests for service installations – Part 9: Single compartment smoke extraction ducts	13.220.50; 91.140.30	listopad 2024.
EN 1591-1	Flanges and their joints – Design rules for gasketed circular flange connections – Part 1: Calculation	23.040.60	listopad 2024.
EN 1794-1	Road traffic noise reducing devices – Non-acoustic performance – Part 1: Methods of determination of the mechanical and stability characteristics	93.080.30	listopad 2024.
EN 1794-2	Road traffic noise reducing devices – Non-acoustic performance – Part 2: Methods of determination of the general safety and environmental characteristics	93.080.30	listopad 2024.
EN 1865-6	Patient handling equipment used in ambulances – Part 6: Powered chairs	11.160	listopad 2024.
EN 1982	Copper and copper alloys – Ingots and castings	77.150.30	listopad 2024.
EN 2350	Aerospace series – Circuit breakers – Technical specification	49.060	listopad 2024.
EN 2588	Aerospace series – Bearing, spherical plain in corrosion resisting steel with assembly slots – Dimensions and loads	49.035	listopad 2024.
EN 2591-100	Aerospace series – Elements of electrical and optical connection – Test methods – Part 100: General	49.060; 49.090	listopad 2024.
EN 3841-100	Aerospace series – Circuit breakers – Test methods – Part 100: General	49.060	listopad 2024.
EN 4165-024	Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 024: Single module plug – Product standard	49.060	listopad 2024.
EN 4641-401	Aerospace series – Cables, optical 125 µm diameter cladding – Part 401: Tight structure bend insensitive 50 µm/125 µm GI fibre nominal, 1,8 mm outside diameter – Product standard	49.090	listopad 2024.
EN 9300-001	Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 001: Structure	01.110; 35.240.30; 35.240.60; 49.020	listopad 2024.
EN 12163	Copper and copper alloys – Rod for general purposes	77.150.30	listopad 2024.
EN 12164	Copper and copper alloys – Rod for free machining purposes	77.150.30	listopad 2024.
EN 12165	Copper and copper alloys – Wrought and unwrought forging stock	77.150.30	listopad 2024.
EN 12166	Copper and copper alloys – Wire for general purposes	77.150.30	listopad 2024.
EN 12167	Copper and copper alloys – Profiles and bars for general purposes	77.150.30	listopad 2024.
EN 12168	Copper and copper alloys – Hollow rod for free machining purposes	77.150.30	listopad 2024.
EN 12299	Railway applications – Ride comfort for passengers – Measurement and evaluation	45.060.20	listopad 2024.
EN 12312-4	Aircraft ground support equipment – Specific requirements – Part 4: Passenger boarding bridges	49.100	listopad 2024.
EN 12390-18+A1	Testing hardened concrete – Part 18: Determination of the chloride migration coefficient	91.100.30	listopad 2024.
EN 12420	Copper and copper alloys – Forgings	77.150.30	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
EN 12594	Bitumens and bituminous binders – Preparation of test samples	75.140; 91.100.50	listopad 2024.
EN 12597	Bitumens and bituminous binders – Terminology	01.040.75; 01.040.91; 75.140; 91.100.50	listopad 2024.
EN 13172	Thermal insulation products – Common evaluation rules	91.100.60	listopad 2024.
EN 13237	Potentially explosive atmospheres – Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres	01.040.13; 01.040.29; 13.230; 29.260.20	listopad 2024.
EN 14105	Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of free and total glycerol and mono-, di-, triglyceride contents	67.200.10	listopad 2024.
CEN/TR 14380	Lighting applications – Tunnel lighting	93.080.40	listopad 2024.
EN 14504	Inland navigation vessels – Floating landing stages and floating bridges on inland waters – Requirements, tests	93.140	listopad 2024.
EN 14585	Corrugated metal hose assemblies for pressure applications	23.040.70	listopad 2024.
EN 14803+A1	Waste management – Identification and/or determination of the quantity of waste	13.030.40	listopad 2024.
EN 14983	Explosion prevention and protection in underground mines – Equipment and protective systems for firedamp drainage	73.100.20	listopad 2024.
EN 15227+A1	Railway applications – Crashworthiness requirements for rail vehicles	45.060.01	listopad 2024.
EN 15269-2	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 2: Fire resistance of hinged and pivoted steel doorsets	13.220.50; 91.060.50	listopad 2024.
EN 15313	Railway applications – In-service wheelset operation requirements – In-service and off-vehicle wheelset maintenance	45.040	listopad 2024.
EN 15839	Railway applications – Testing and simulation for the acceptance of running characteristics of railway vehicles – Running safety under longitudinal compressive force	45.060.20	listopad 2024.
EN 16186-6	Railway applications – Driver's cab – Part 6: Integration of displays, controls and indicators for tram vehicles	45.060.10; 45.140	listopad 2024.
EN 16286-1	Railway applications – Gangway systems between vehicles – Part 1: Main applications	45.060.20	listopad 2024.
EN 16709	Automotive fuels – High FAME diesel fuel (B20 and B30) – Requirements and test methods	75.160.20	listopad 2024.
EN 16838	Refrigerated display scooping cabinets and pozzetto for gelato – Classification, requirements, performance and energy consumption testing	97.130.20	listopad 2024.
CEN/TS 16931-8	Electronic invoicing – Part 8: Semantic data model of the elements of an e-receipt or a simplified electronic invoice	35.240.20; 35.240.63	listopad 2024.
EN 17109+A1	Mountaineering equipment – Individual safety systems for rope courses – Safety requirements and test methods	97.220.40	listopad 2024.
EN 17388-1	Flexible sheets for waterproofing – Environmental product declarations – Product category rules for reinforced bitumen, plastic and rubber flexible sheets for roof waterproofing – Part 1: Cradle to grave and module D	91.100.50	listopad 2024.
EN 17388-2	Flexible sheets for waterproofing – Environmental product declarations – Product category rules for reinforced bitumen, plastic and rubber flexible sheets for roof waterproofing – Part 2: Cradle to gate with options, modules C1-C4 and module D	91.100.50	listopad 2024.
EN 17446+A1	Fire extinguishing systems in commercial kitchens – System design, documentation, and test requirements	13.220.20	listopad 2024.
EN 17450-2	Fixed firefighting systems – Water mist systems – Part 2: Product characteristics and test methods for nozzles	13.220.20	listopad 2024.
CEN/TS 17685-2	Earthworks – Chemical tests – Part 2: Determination of organic matter content by potassium permanganate method	13.080.99; 93.020	listopad 2024.
CEN/TS 17876	Child care articles – Tricycles – Safety requirements and test methods	97.190	listopad 2024.



Oznaka norme	Naslov norme	ICS	Datum objave
EN 17928-1	Gas infrastructure – Injection stations – Part 1: General requirements	75.200	listopad 2024.
EN 17928-2	Gas infrastructure – Injection stations – Part 2: Specific requirements regarding the injection of biomethane	75.200	listopad 2024.
EN 17928-3	Gas infrastructure – Injection stations – Part 3: Specific requirements regarding the injection of hydrogen	75.200	listopad 2024.
EN 17936	Railway applications – Acoustics – Measurement of source terms for environmental noise calculations	17.140.30; 93.100	listopad 2024.
EN 17957	Vapour products – Vaping regime for products intended to be used for direct to lung inhalation	65.160	listopad 2024.
EN 17966	Fire protection equipment – Carbon dioxide extinguishing systems for use on premises – Design and installation (ISO 6183:2022, modified)	13.220.20	listopad 2024.
EN 17984-1	Assistance dogs – Part 1: Vocabulary	01.040.03; 03.080.99; 11.180.99; 65.020.30	listopad 2024.
CEN/TS 18075	Resilient, textile, laminate and modular mechanical locked floor coverings – Circular economy and sustainability – Recommendations/guidelines for design	13.020.20; 97.150	listopad 2024.
CEN/TS 18078	Electronic fee collection – Measurement of interferences on tolling and tachograph devices from radio local area network devices operating in the 5,8 GHz frequency range – Test suite structure and test purposes	35.240.60	listopad 2024.
CEN/TR 18085	Postal services – Safe, secured and contactless delivery of postal items	3.240	listopad 2024.
CEN/TR 18114	Bitumens and bituminous binders – Sustainability – Review on how to address environmental information	13.020.20; 75.140; 91.100.50	listopad 2024.
CWA 18147	Testing and evaluating the performance of devices for electrocatalytic CO <sub>2</sub> -reduction	13.020.40; 27.190; 71.040.50	listopad 2024.
CWA 18149	Guidelines for characterization of extracts for the recycling/upcycling of organic agrifood wastes	67.080.01; 67.200.20	listopad 2024.
CWA 18150	Unmanned aircraft systems – Counter UAS – Testing methodology	03.220.50; 49.020	listopad 2024.
EN 50343	Railway applications – Rolling stock – Rules for installation of cabling	45.060.01	listopad 2024.
EN 50546	Railway applications – Rolling Stock – Three-phase shore (external) supply system for rail vehicles and its connectors	29.120.30; 29.280; 45.060.01	listopad 2024.
CLC/TS 50600-4-31	Information technology – Data centre facilities and infrastructures – Part 4-31: Key performance indicators for Resilience	35.020; 35.110; 35.160	listopad 2024.
EN 50617-2	Railway applications – Technical parameters of train detection systems for the interoperability of the trans-European railway system – Part 2: Axle counters	29.280	listopad 2024.
CWA 50751	Methodology for the data-driven management of production processes	35.240.50	listopad 2024.
EN IEC 60079-14	Explosive atmospheres – Part 14: Electrical installation design, selection and installation of equipment, including initial inspection (IEC 60079-14:2024)	29.260.20	listopad 2024.
EN IEC 60127-1	Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links (IEC 60127-1:2023)	01.040.29; 29.120.50	listopad 2024.
EN IEC 60127-6	Miniature fuses – Part 6: Fuse-holders for miniature fuse-links (IEC 60127-6:2023)	29.120.50	listopad 2024.
EN IEC 60317-0-3	Specifications for particular types of winding wires – Part 0-3: General requirements – Enamelled round aluminium wire (IEC 60317-0-3:2024)	29.060.10	listopad 2024.
EN IEC 60721-3-1/AC	Classification of environmental conditions – Part 3-1: Classification of groups of environmental parameters and their severities – Storage (IEC 60721-3-1:2018/COR1:2024)	19.040	listopad 2024.
EN IEC 60730-1	Automatic electrical controls – Part 1: General requirements (IEC 60730-1:2022)	97.120	listopad 2024.
EN IEC 60730-1/A11	Automatic electrical controls – Part 1: General requirements	97.120	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
EN 61184/A2	Bayonet lampholders (IEC 61184:2017/AMD2:2024)	29.140.10	listopad 2024.
EN IEC 61362	Guidelines to specification of hydraulic turbine governing systems (IEC 61362:2024)	27.140	listopad 2024.
EN IEC 61869-1	Instrument transformers – Part 1: General requirements (IEC 61869-1:2023)	17.220.20	listopad 2024.
EN IEC 62305-1	Protection against lightning – Part 1: General principles (IEC 62305-1:2024)	29.020; 91.120.40	listopad 2024.
EN IEC 62305-2	Protection against lightning – Part 2: Risk management (IEC 62305-2:2024)	29.020; 91.120.40	listopad 2024.
EN IEC 62305-3	Protection against lightning – Part 3: Physical damage to structures and life hazard (IEC 62305-3:2024)	29.020; 91.120.40	listopad 2024.
EN IEC 62305-4	Protection against lightning – Part 4: Electrical and electronic systems within structures (IEC 62305-4:2024)	29.020; 91.120.40	listopad 2024.
EN IEC 62668-1/A1	Process management for avionics – Counterfeit prevention – Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components (IEC 62668-1:2019/AMD1:2024)	03.100.50; 31.020; 49.020; 49.060; 49.090	listopad 2024.
EN IEC 62752	In-cable control and protection device (IC-CPD) for mode 2 charging of electric road vehicles (IEC 62752:2024)	29.120.50; 43.120	listopad 2024.
EN IEC 63356-2	LED light source characteristics – Part 2: Design parameters and values (IEC 63356-2:2024)	29.140.99	listopad 2024.
EN IEC 80601-2-49/A1	Medical electrical equipment – Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors (IEC 80601-2-49:2018/AMD1:2024)	11.040.55	listopad 2024.
EN ISO 636	Welding consumables – Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels – Classification (ISO 636:2024)	25.160.20	listopad 2024.
EN ISO 683-7	Heat-treatable steels, alloy steels and free-cutting steels – Part 7: Bright products of non-alloy and alloy steels (ISO 683-7:2023)	77.140.10; 77.140.20; 77.140.45	listopad 2024.
EN ISO 899-2	Plastics – Determination of creep behaviour – Part 2: Flexural creep by three-point loading (ISO 899-2:2024)	83.080.01	listopad 2024.
EN ISO 4892-1	Plastics – Methods of exposure to laboratory light sources – Part 1: General guidance and requirements (ISO 4892-1:2024)	83.080.01	listopad 2024.
EN ISO 4892-3	Plastics – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps (ISO 4892-3:2024)	83.080.01	listopad 2024.
CEN ISO/TS 4958	Nanotechnologies – Vocabulary – Liposomes (ISO/TS 4958:2024)	01.040.07; 07.120	listopad 2024.
EN ISO 5124	Loading and unloading of liquefied natural gas (LNG) tank wagons and containers (ISO 5124:2024)	75.200	listopad 2024.
EN ISO 5459	Geometrical product specifications (GPS) – Geometrical tolerancing – Datums and datum systems (ISO 5459:2024)	01.100.20; 17.040.40	listopad 2024.
CEN ISO/TS 7127	Light and lighting – Building information modelling properties for lighting – Lighting systems (ISO/TS 7127:2023)	35.240.67	listopad 2024.
CEN ISO/TR 8124-8	Safety of toys – Part 8: Age determination – First age grade for the appropriate play of toys (ISO/TR 8124-8:2024)	97.200.50	listopad 2024.
EN ISO 9241-920	Ergonomics of human-system interaction – Part 920: Tactile and haptic interactions (ISO 9241-920:2024)	13.180; 35.180	listopad 2024.
EN ISO 10319	Geosynthetics – Wide-width tensile test (ISO 10319:2024)	59.080.70	listopad 2024.
EN ISO 10426-5	Oil and gas industries including lower carbon energy – Cements and materials for well cementing – Part 5: Determination of shrinkage and expansion of well cement formulations (ISO 10426-5:2024)	75.020; 91.100.10	listopad 2024.
EN ISO 11334-4	Assistive products for walking, manipulated by one arm – Requirements and test methods – Part 4: Walking sticks with three or more legs (ISO 11334-4:2024)	11.180.10	listopad 2024.
EN ISO 12572/A1	Hygrothermal performance of building materials and products – Determination of water vapour transmission properties – Cup method – Amendment 1 (ISO 12572:2016/Amd 1:2024)	91.120.10	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 13428	Geosynthetics – Determination of the protection efficiency of a geosynthetic against impact damage (ISO 13428:2024)	59.080.70	listopad 2024.
EN ISO 13997	Protective clothing – Mechanical properties – Determination of resistance to cutting by sharp objects (ISO 13997:2024)	13.340.10	listopad 2024.
EN ISO 14071	Environmental management – Life cycle assessment – Critical review processes and reviewer competencies (ISO 14071:2024)	13.020.60	listopad 2024.
EN ISO 14356	Dentistry – Duplicating material (ISO 14356:2024)	11.060.10	listopad 2024.
CEN ISO/TR 15235	Preparation of steel substrates before application of paints and related products – Collected information on the effect of levels of water-soluble salt contamination (ISO/TR 15235:2001)	25.220.10	listopad 2024.
EN ISO 15708-1	Non-destructive testing – Radiation methods for computed tomography – Part 1: Vocabulary (ISO 15708-1:2024)	01.040.19; 19.100	listopad 2024.
EN ISO 16810	Non-destructive testing – Ultrasonic testing – General principles (ISO 16810:2024)	19.100	listopad 2024.
EN ISO 16906	Resilient floor coverings – Determination of seam strength (ISO 16906:2015)	97.150	listopad 2024.
EN ISO 18562-1	Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 1: Evaluation and testing within a risk management process (ISO 18562-1:2024)	11.040.10	listopad 2024.
EN ISO 18562-2	Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 2: Tests for emissions of particulate matter (ISO 18562-2:2024)	11.040.10	listopad 2024.
EN ISO 18562-3	Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 3: Tests for emissions of volatile organic substances (ISO 18562-3:2024)	11.040.10	listopad 2024.
EN ISO 18562-4	Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 4: Tests for leachables in condensate (ISO 18562-4:2024)	11.040.10	listopad 2024.
EN ISO 18563-2	Non-destructive testing – Characterization and verification of ultrasonic phased array equipment – Part 2: Array probes (ISO 18563-2:2024)	19.100	listopad 2024.
EN ISO 19085-4	Woodworking machines – Safety – Part 4: Vertical panel circular sawing machines (ISO 19085-4:2024)	13.110; 79.120.10	listopad 2024.
EN ISO 19085-5	Woodworking machines – Safety – Part 5: Dimension saws (ISO 19085-5:2024)	13.110; 79.120.10	listopad 2024.
EN ISO 19085-7	Woodworking machines – Safety – Part 7: Surface planing, thickness planing and combined surface/thickness planing machines (ISO 19085-7:2024)	13.110; 79.120.10	listopad 2024.
EN ISO 19085-8	Woodworking machines – Safety – Part 8: Wide belt sanding machines and surface treating machines (ISO 19085-8:2024)	13.110; 79.120.10	listopad 2024.
EN ISO 19085-9	Woodworking machines – Safety – Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2024)	13.110; 79.120.10	listopad 2024.
EN ISO 19085-11	Woodworking machines – Safety – Part 11: Combined machines (ISO 19085-11:2024)	13.110; 79.120.10	listopad 2024.
EN ISO 19103	Geographic information – Conceptual schema language (ISO 19103:2024)	35.240.70	listopad 2024.
EN ISO 19403-4	Paints and varnishes – Wettability – Part 4: Determination of the polar and dispersive fractions of the surface tension of liquids from an interfacial tension (ISO 19403-4:2024)	87.040	listopad 2024.
EN ISO 19403-5	Paints and varnishes – Wettability – Part 5: Determination of the polar and dispersive fractions of the surface tension of liquids from contact angles measurements on a solid with only a disperse contribution to its surface energy (ISO 19403-5:2024)	87.040	listopad 2024.
EN ISO 19403-6	Paints and varnishes – Wettability – Part 6: Measurement of dynamic advancing and receding angle by changing the volume of a drop (ISO 19403-6:2024)	87.040	listopad 2024.
EN ISO 19403-7	Paints and varnishes – Wettability – Part 7: Measurement of the dynamic contact angles and the roll-off angle on a tilted stage (ISO 19403-7:2024)	87.040	listopad 2024.
EN ISO 20182	Refractory test-piece preparation – Gunning refractory panels by the pneumatic-nozzle mixing type guns (ISO 20182:2024)	81.080	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
CEN ISO/TR 20659-1	Rheological test methods – Fundamentals and interlaboratory comparisons – Part 1: Determination of the yield point (ISO/TR 20659-1:2024)	87.040	listopad 2024.
CEN ISO/TR 20659-2	Rheological test methods – Fundamentals and interlaboratory comparisons – Part 2: Determination of the time-dependent structural change (thixotropy) (ISO/TR 20659-2:2024)	87.040	listopad 2024.
EN ISO 20957-2	Stationary training equipment – Part 2: Strength training equipment – Additional specific safety requirements and test methods (ISO 20957-2:2024)	97.220.30	listopad 2024.
EN ISO 20957-7	Stationary training equipment – Part 7: Rowing equipment – Additional specific safety requirements and test methods (ISO 20957-7:2024)	97.220.30	listopad 2024.
EN ISO 21009-2	Cryogenic vessels – Static vacuum-insulated vessels – Part 2: Operational requirements (ISO 21009-2:2024)	23.020.40	listopad 2024.
EN ISO 21971	Fine ceramics (advanced ceramics, advanced technical ceramics) – Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure – Determination of hoop tensile properties of tubes (ISO 21971:2019)	81.060.30	listopad 2024.
EN ISO 24212	Remediation techniques applied at contaminated sites (ISO 24212:2024)	13.080.01	listopad 2024.
EN ISO 25539-3	Cardiovascular implants – Endovascular devices – Part 3: Vena cava filters (ISO 25539-3:2024)	11.040.40	listopad 2024.
EN ISO/IEC 80079-49	Explosive atmospheres – Part 49: Flame arresters – Performance requirements, test methods and limits for use (ISO/IEC 80079-49:2024)	13.220.20	listopad 2024.
EN 60730-1/A11	Automatic electrical controls – Part 1: General requirements	97.120	listopad 2024.

## Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50343	Railway applications – Rolling stock – Rules for installation of cabling	45.060.01	listopad 2024.
EN 50546	Railway applications – Rolling Stock – Three-phase shore (external) supply system for rail vehicles and its connectors	29.120.30; 29.280; 45.060.01	listopad 2024.
CLC/TS 50600-4-31	Information technology – Data centre facilities and infrastructures – Part 4-31: Key performance indicators for Resilience	35.020; 35.110; 35.160	listopad 2024.
EN 50617-2	Railway applications – Technical parameters of train detection systems for the interoperability of the trans-European railway system – Part 2: Axle counters	29.280	listopad 2024.
CWA 50751	Methodology for the data-driven management of production processes	35.240.50	listopad 2024.
EN IEC 60079-14	Explosive atmospheres – Part 14: Electrical installation design, selection and installation of equipment, including initial inspection (IEC 60079-14:2024)	29.260.20	listopad 2024.
EN IEC 60127-1	Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links (IEC 60127-1:2023)	01.040.29; 29.120.50	listopad 2024.
EN IEC 60127-6	Miniature fuses – Part 6: Fuse-holders for miniature fuse-links (IEC 60127-6:2023)	29.120.50	listopad 2024.
EN IEC 60317-0-3	Specifications for particular types of winding wires – Part 0-3: General requirements – Enamelled round aluminium wire (IEC 60317-0-3:2024)	29.060.10	listopad 2024.
EN IEC 60721-3-1/AC	Classification of environmental conditions – Part 3-1: Classification of groups of environmental parameters and their severities – Storage (IEC 60721-3-1:2018/COR1:2024)	19.040	listopad 2024.
EN IEC 60730-1	Automatic electrical controls – Part 1: General requirements (IEC 60730-1:2022)	97.120	listopad 2024.
EN IEC 60730-1/A11	Automatic electrical controls – Part 1: General requirements	97.120	listopad 2024.
EN 61184/A2	Bayonet lampholders (IEC 61184:2017/AMD2:2024)	29.140.10	listopad 2024.
EN IEC 61362	Guidelines to specification of hydraulic turbine governing systems (IEC 61362:2024)	27.140	listopad 2024.
EN IEC 61869-1	Instrument transformers – Part 1: General requirements (IEC 61869-1:2023)	17.220.20	listopad 2024.
EN IEC 62305-1	Protection against lightning – Part 1: General principles (IEC 62305-1:2024)	29.020; 91.120.40	listopad 2024.
EN IEC 62305-2	Protection against lightning – Part 2: Risk management (IEC 62305-2:2024)	29.020; 91.120.40	listopad 2024.
EN IEC 62305-3	Protection against lightning – Part 3: Physical damage to structures and life hazard (IEC 62305-3:2024)	29.020; 91.120.40	listopad 2024.
EN IEC 62305-4	Protection against lightning – Part 4: Electrical and electronic systems within structures (IEC 62305-4:2024)	29.020; 91.120.40	listopad 2024.
EN IEC 62668-1/A1	Process management for avionics – Counterfeit prevention – Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components (IEC 62668-1:2019/AMD1:2024)	03.100.50; 31.020; 49.020; 49.060; 49.090	listopad 2024.
EN IEC 62752	In-cable control and protection device (IC-CPD) for mode 2 charging of electric road vehicles (IEC 62752:2024)	29.120.50; 43.120	listopad 2024.
EN IEC 63356-2	LED light source characteristics – Part 2: Design parameters and values (IEC 63356-2:2024)	29.140.99	listopad 2024.
EN IEC 80601-2-49/A1	Medical electrical equipment – Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors (IEC 80601-2-49:2018/AMD1:2024)	11.040.55	listopad 2024.
EN 60730-1/A11	Automatic electrical controls – Part 1: General requirements	97.120	listopad 2024.

## Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 102240 V 18.1.0	Smart Cards – UICC Application Programming Interface and Loader Requirements – Service description (Release 18)	35.240.15	listopad 2024.
ETSI TR 103305-1 V 4.2.1	Cyber Security (CYBER) – Critical Security Controls for Effective Cyber Defence – Part 1: The Critical Security Controls	33.040.99; 35.030	listopad 2024.
ETSI TS 103410-1 V 2.1.1	SmartM2M – Extension to SAREF – Part 1: Energy Domain	33.200	listopad 2024.
ETSI TS 103410-2 V 2.1.1	SmartM2M – Extension to SAREF – Part 2: Environment Domain	33.200	listopad 2024.
ETSI TS 103410-3 V 2.1.1	SmartM2M – Extension to SAREF – Part 3: Building Domain	33.200	listopad 2024.
ETSI TS 103410-4 V 2.1.1	SmartM2M – Extension to SAREF – Part 4: Smart Cities Domain	33.200	listopad 2024.
ETSI TS 103410-6 V 2.1.1	SmartM2M – Extension to SAREF – Part 6: Smart Agriculture and Food Chain Domain	33.200	listopad 2024.
ETSI TS 103410-10 V 2.1.1	SmartM2M – Extension to SAREF – Part 10: Water Domain	33.200	listopad 2024.
ETSI TS 103410-11 V 2.1.1	SmartM2M – Extension to SAREF – Part 11: Lift Domain	33.200	listopad 2024.
ETSI TS 103636-1 V 2.1.1	DECT-2020 New Radio (NR) – Part 1: Overview – Release 2	33.070.30	listopad 2024.
ETSI TS 103636-2 V 2.1.1	DECT-2020 New Radio (NR) – Part 2: Radio reception and transmission requirements – Release 2	33.070.30	listopad 2024.
ETSI TS 103636-3 V 2.1.1	DECT-2020 New Radio (NR) – Part 3: Physical layer – Release 2	33.070.30	listopad 2024.
ETSI TS 103636-4 V 2.1.1	DECT-2020 New Radio (NR) – Part 4: MAC layer – Release 2	33.070.30	listopad 2024.
ETSI TS 103636-5 V 2.1.1	DECT-2020 New Radio (NR) – Part 5: DLC and Convergence layers – Release 2	33.070.30	listopad 2024.
ETSI TR 103777 V 1.1.1	Digital Enhanced Cordless Telecommunications (DECT) – DECT-2020 New Radio (NR) interface – Study of additional functionality for the support of new applications in further releases	33.070.30	listopad 2024.
ETSI TS 103874-1 V 1.1.1	DECT-2020 New Radio (NR) – Access Profile – Part 1: Overview	33.070.30	listopad 2024.
ETSI TS 103874-3 V 1.1.1	DECT 2020 New Radio (NR) – Application Profile – Part 3: IPv6 Profile	33.070.30	listopad 2024.
ETSI TR 103879 V 1.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM) – Guidance on risk assessment for radio equipment	33.100.10	listopad 2024.
ETSI TS 103920-1 V 1.1.1	Core Network and Interoperability Testing (INT) – 5G NGAP Conformance Testing for the N2 interface – (3GPPTM Release 16) – Part 1: Protocol Implementation Conformance Statement (PICS)	33.040.99	listopad 2024.
ETSI TS 103920-2 V 1.1.1	Core Network and Interoperability Testing (INT) – 5G NGAP Conformance Testing for the N2 interface – (3GPPTM Release 16) – Part 2: Test Suite Structure (TSS) and Test Purposes (TP)	33.040.99	listopad 2024.
ETSI TS 103920-3 V 1.1.1	Core Network and Interoperability Testing (INT) – 5G NGAP Conformance Testing for the N2 interface – (3GPPTM Release 16) – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) pro forma specification	33.040.99	listopad 2024.
ETSI TS 103928 V 1.2.1	Cyber Security (CYBER) – Cyber Security for Home Gateways – Conformance Assessment of Security Requirements as vertical from Consumer Internet of Things	33.040.99; 35.030	listopad 2024.
ETSI TR 103965 V 1.1.1	CYBER – Quantum-Safe Cryptography (QSC) – Impact of Quantum Computing on Cryptographic Security Proofs	35.030	listopad 2024.
ETSI TR 103966 V 1.1.1	CYBER Security (CYBER) – Quantum-Safe Cryptography (QSC) – Deployment Considerations for Hybrid Schemes	35.030	listopad 2024.
ETSI TS 103973 V 1.1.1	Coded Multisource Media Format (CMMF) for Content Distribution and Delivery	33.170	listopad 2024.
ETSI TR 104016 V 1.1.1	CYBER – Quantum-Safe Cryptography (QSC) – A Repeatable Framework for Quantum-Safe Migrations	35.030	listopad 2024.
ETSI TS 104038 V 4.1.0	Publicly Available Specification (PAS) – E2 interface: General Aspects and Principles (O-RAN.WG3.E2GAP-R003-v04.01)	33.070.01	listopad 2024.
ETSI TS 104039 V 4.0.0	Publicly Available Specification (PAS) – E2 interface: Application Protocol (O-RAN.WG3.E2AP-R003-v04.00)	33.070.01	listopad 2024.

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ETSI TS 104040 V 4.0.0	Publicly Available Specification (PAS) – E2 interface: Service Model (O-RAN.WG3.E2SM-R003-v04.00)	33.070.01	listopad 2024.
ETSI TS 122153 V 17.4.0 *3GPP TS 22.153 Version 17.4.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia priority service (3GPP TS 22.153 version 17.4.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 122153 V 18.3.0 *3GPP TS 22.153 Version 18.3.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia priority service (3GPP TS 22.153 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 122261 V 18.15.0 *3GPP TS 22.261 Version 18.15.0 Release 18	5G – Service requirements for the 5G system (3GPP TS 22.261 version 18.15.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123032 V 18.2.0 *3GPP TS 23.032 Version 18.2.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Universal Geographical Area Description (GAD) (3GPP TS 23.032 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123041 V 18.6.0 *3GPP TS 23.041 Version 18.6.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123122 V 18.8.0 *3GPP TS 23.122 Version 18.8.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 18.8.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123222 V 18.6.0 *3GPP TS 23.222 Version 18.6.0 Release 18	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 18.6.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 123228 V 18.7.0 *3GPP TS 23.228 Version 18.7.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Stage 2 (3GPP TS 23.228 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123247 V 17.11.0 *3GPP TS 23.247 Version 17.11.0 Release 17	5G – Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.11.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 123247 V 18.7.0 *3GPP TS 23.247 Version 18.7.0 Release 18	5G – Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123273 V 17.10.0 *3GPP TS 23.273 Version 17.10.0 Release 17	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 17.10.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 123273 V 18.7.0 *3GPP TS 23.273 Version 18.7.0 Release 18	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123282 V 18.8.0 *3GPP TS 23.282 Version 18.8.0 Release 18	LTE – Functional architecture and information flows to support Mission Critical Data (MCData) – Stage 2 (3GPP TS 23.282 version 18.8.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 123287 V 18.4.0 *3GPP TS 23.287 Version 18.4.0 Release 18	5G – Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123288 V 18.7.0 *3GPP TS 23.288 Version 18.7.0 Release 18	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123304 V 18.7.0 *3GPP TS 23.304 Version 18.7.0 Release 18	5G – Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123316 V 18.6.0 *3GPP TS 23.316 Version 18.6.0 Release 18	5G – Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123380 V 11.5.1 *3GPP TS 23.380 Version 11.5.1 Release 11	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 11.5.1 Release 11)	33.070.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123380 V 12.5.0 *3GPP TS 23.380 Version 12.5.0 Release 12	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 12.5.0 Release 12)	33.070.50	listopad 2024.
ETSI TS 123380 V 13.6.0 *3GPP TS 23.380 Version 13.6.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 13.6.0 Release 13)	33.070.50	listopad 2024.
ETSI TS 123380 V 14.2.0 *3GPP TS 23.380 Version 14.2.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 14.2.0 Release 14)	33.070.50	listopad 2024.
ETSI TS 123380 V 15.4.0 *3GPP TS 23.380 Version 15.4.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS Restoration Procedures (3GPP TS 23.380 version 15.4.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 123380 V 16.5.0 *3GPP TS 23.380 Version 16.5.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS Restoration Procedures (3GPP TS 23.380 version 16.5.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 123380 V 17.2.0 *3GPP TS 23.380 Version 17.2.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS Restoration Procedures (3GPP TS 23.380 version 17.2.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 123380 V 18.1.0 *3GPP TS 23.380 Version 18.1.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS Restoration Procedures (3GPP TS 23.380 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123401 V 18.7.0 *3GPP TS 23.401 Version 18.7.0 Release 18	LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123433 V 18.5.0 *3GPP TS 23.433 Version 18.5.0 Release 18	LTE – 5G – Service Enabler Architecture Layer for Verticals (SEAL) – Data Delivery enabler for vertical applications (3GPP TS 23.433 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123435 V 18.4.0 *3GPP TS 23.435 Version 18.4.0 Release 18	LTE – 5G – Procedures for Network Slice Capability Exposure for Application Layer Enablement Service (3GPP TS 23.435 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123436 V 18.5.0 *3GPP TS 23.436 Version 18.5.0 Release 18	LTE – 5G – Functional architecture and information flows for Application Data Analytics Enablement Service (3GPP TS 23.436 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123501 V 17.14.0 *3GPP TS 23.501 Version 17.14.0 Release 17	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.14.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 123501 V 18.7.0 *3GPP TS 23.501 Version 18.7.0 Release 18	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123502 V 17.13.0 *3GPP TS 23.502 Version 17.13.0 Release 17	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.13.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 123502 V 18.7.0 *3GPP TS 23.502 Version 18.7.0 Release 18	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123503 V 18.7.0 *3GPP TS 23.503 Version 18.7.0 Release 18	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123548 V 18.7.0 *3GPP TS 23.548 Version 18.7.0 Release 18	5G – 5G System Enhancements for Edge Computing – Stage 2 (3GPP TS 23.548 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123558 V 18.8.0 *3GPP TS 23.558 Version 18.8.0 Release 18	5G – Architecture for enabling Edge Applications (3GPP TS 23.558 version 18.8.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 123586 V 18.5.0 *3GPP TS 23.586 Version 18.5.0 Release 18	5G – Architectural Enhancements to support Ranging based services and Sidelink Positioning (3GPP TS 23.586 version 18.5.0 Release 18)	33.070.50	listopad 2024.



Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124007 V 18.3.0 *3GPP TS 24.007 Version 18.3.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile radio interface signalling layer 3 – General Aspects (3GPP TS 24.007 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124008 V 18.7.0 *3GPP TS 24.008 Version 18.7.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124186 V 18.2.0 *3GPP TS 24.186 Version 18.2.0 Release 18	5G – IMS Data Channel applications – Protocol specification (3GPP TS 24.186 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124193 V 17.10.0 *3GPP TS 24.193 Version 17.10.0 Release 17	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 17.10.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 124193 V 18.7.0 *3GPP TS 24.193 Version 18.7.0 Release 18	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124229 V 15.18.0 *3GPP TS 24.229 Version 15.18.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 15.18.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 124229 V 16.15.0 *3GPP TS 24.229 Version 16.15.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 16.15.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 124229 V 17.15.0 *3GPP TS 24.229 Version 17.15.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 17.15.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 124229 V 18.6.0 *3GPP TS 24.229 Version 18.6.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124257 V 18.4.0 *3GPP TS 24.257 Version 18.4.0 Release 18	5G – Uncrewed Aerial System (UAS) Application Enabler (UAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.257 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124281 V 18.7.0 *3GPP TS 24.281 Version 18.7.0 Release 18	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124282 V 14.11.0 *3GPP TS 24.282 Version 14.11.0 Release 14	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 14.11.0 Release 14)	33.070.99	listopad 2024.
ETSI TS 124282 V 15.10.0 *3GPP TS 24.282 Version 15.10.0 Release 15	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 15.10.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 124282 V 16.11.0 *3GPP TS 24.282 Version 16.11.0 Release 16	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 16.11.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 124282 V 17.11.0 *3GPP TS 24.282 Version 17.11.0 Release 17	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 17.11.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 124282 V 18.8.0 *3GPP TS 24.282 Version 18.8.0 Release 18	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 18.8.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124301 V 18.8.0 *3GPP TS 24.301 Version 18.8.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 18.8.0 Release 18)	33.070.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124371 V 17.2.0 *3GPP TS 24.371 Version 17.2.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – Web Real-Time Communications (WebRTC) access to the IP Multimedia (IM) Core Network (CN) subsystem (IMS) – Stage 3 – Protocol specification (3GPP TS 24.371 version 17.2.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 124371 V 18.1.0 *3GPP TS 24.371 Version 18.1.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – Web Real-Time Communications (WebRTC) access to the IP Multimedia (IM) Core Network (CN) subsystem (IMS) – Stage 3 – Protocol specification (3GPP TS 24.371 version 18.1.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124379 V 18.8.0 *3GPP TS 24.379 Version 18.8.0 Release 18	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 18.8.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124386 V 18.2.0 *3GPP TS 24.386 Version 18.2.0 Release 18	LTE – User Equipment (UE) to V2X control function – protocol aspects – Stage 3 (3GPP TS 24.386 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124481 V 14.8.0 *3GPP TS 24.481 Version 14.8.0 Release 14	LTE – Mission Critical Services (MCS) group management – Protocol specification (3GPP TS 24.481 version 14.8.0 Release 14)	33.070.99	listopad 2024.
ETSI TS 124481 V 15.7.0 *3GPP TS 24.481 Version 15.7.0 Release 15	LTE – Mission Critical Services (MCS) group management – Protocol specification (3GPP TS 24.481 version 15.7.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 124481 V 16.5.0 *3GPP TS 24.481 Version 16.5.0 Release 16	LTE – Mission Critical Services (MCS) group management – Protocol specification (3GPP TS 24.481 version 16.5.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 124481 V 17.7.0 *3GPP TS 24.481 Version 17.7.0 Release 17	LTE – Mission Critical Services (MCS) group management – Protocol specification (3GPP TS 24.481 version 17.7.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 124481 V 18.2.0 *3GPP TS 24.481 Version 18.2.0 Release 18	LTE – Mission Critical Services (MCS) group management – Protocol specification (3GPP TS 24.481 version 18.2.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124484 V 18.7.0 *3GPP TS 24.484 Version 18.7.0 Release 18	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124486 V 18.4.0 *3GPP TS 24.486 Version 18.4.0 Release 18	LTE – 5G – Vehicle-to-Everything (V2X) Application Enabler (VAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.486 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124501 V 17.16.0 *3GPP TS 24.501 Version 17.16.0 Release 17	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 17.16.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 124501 V 18.8.0 *3GPP TS 24.501 Version 18.8.0 Release 18	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 18.8.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124502 V 18.7.0 *3GPP TS 24.502 Version 18.7.0 Release 18	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124514 V 18.2.0 *3GPP TS 24.514 Version 18.2.0 Release 18	5G – Ranging based services and sidelink positioning in 5G system(5GS) – Stage 3 (3GPP TS 24.514 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124526 V 18.8.0 *3GPP TS 24.526 Version 18.8.0 Release 18	5G – User Equipment (UE) policies for 5G System (5GS) – Stage 3 (3GPP TS 24.526 version 18.8.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124543 V 18.1.0 *3GPP TS 24.543 Version 18.1.0 Release 18	5G – Data delivery management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol Specification – (3GPP TS 24.543 version 18.1.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124548 V 18.5.0 *3GPP TS 24.548 Version 18.5.0 Release 18	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 18.5.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 124554 V 18.6.0 *3GPP TS 24.554 Version 18.6.0 Release 18	5G – Proximity-services (ProSe) in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.554 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124558 V 18.6.1 *3GPP TS 24.558 Version 18.6.1 Release 18	5G – Enabling Edge Applications – Protocol specification (3GPP TS 24.558 version 18.6.1 Release 18)	33.070.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124571 V 18.6.0 *3GPP TS 24.571 Version 18.6.0 Release 18	5G – 5G System (5GS) – Control plane Location Services (LCS) procedures – Stage 3 (3GPP TS 24.571 version 18.6.0 Release 18)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 124572 V 18.2.1 *3GPP TS 24.572 Version 18.2.1 Release 18	5G – 5G System (5GS) – User plane Location Services (LCS) protocols and procedures – Stage 3 (3GPP TS 24.572 version 18.2.1 Release 18)	33.070.50	listopad 2024.
ETSI TS 124577 V 18.2.0 *3GPP TS 24.577 Version 18.2.0 Release 18	5G – Aircraft-to-Everything (A2X) services in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.577 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 124587 V 18.7.0 *3GPP TS 24.587 Version 18.7.0 Release 18	5G – Vehicle-to-Everything (V2X) services in 5G System (5GS) – Stage 3 (3GPP TS 24.587 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 126113 V 18.1.0 *3GPP TS 26.113 Version 18.1.0 Release 18	LTE – 5G – Real-Time Media Communication – Protocols and APIs (3GPP TS 26.113 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126114 V 18.8.0 *3GPP TS 26.114 Version 18.8.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 18.8.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126234 V 18.1.0 *3GPP TS 26.234 Version 18.1.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Protocols and codecs (3GPP TS 26.234 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126247 V 18.2.0 *3GPP TS 26.247 Version 18.2.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GPP-DASH) (3GPP TS 26.247 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126250 V 18.1.0 *3GPP TS 26.250 Version 18.1.0 Release 18	LTE – 5G – Codec for Immersive Voice and Audio Services (IVAS) – General overview (3GPP TS 26.250 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126252 V 18.2.0 *3GPP TS 26.252 Version 18.2.0 Release 18	LTE – 5G – Codec for Immersive Voice and Audio Services (IVAS) – Test sequences (3GPP TS 26.252 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126253 V 18.2.0 *3GPP TS 26.253 Version 18.2.0 Release 18	LTE – 5G – Codec for Immersive Voice and Audio Services (IVAS) – Detailed Algorithmic Description including RTP payload format and SDP parameter definitions (3GPP TS 26.253 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126255 V 18.2.0 *3GPP TS 26.255 Version 18.2.0 Release 18	LTE – 5G – Codec for Immersive Voice and Audio Services (IVAS) – Error concealment of lost packets (3GPP TS 26.255 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126256 V 18.1.0 *3GPP TS 26.256 Version 18.1.0 Release 18	LTE – 5G – Codec for Immersive Voice and Audio Services (IVAS) – Jitter Buffer Management (3GPP TS 26.256 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126258 V 18.2.0 *3GPP TS 26.258 Version 18.2.0 Release 18	LTE – 5G – Codec for Immersive Voice and Audio Services (IVAS) – C code (floating-point) (3GPP TS 26.258 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126264 V 18.1.0 *3GPP TS 26.264 Version 18.1.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS-based AR Real-Time Communication (3GPP TS 26.264 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126501 V 18.7.0 *3GPP TS 26.501 Version 18.7.0 Release 18	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126502 V 17.8.0 *3GPP TS 26.502 Version 17.8.0 Release 17	5G – 5G multicast-broadcast services – User service architecture (3GPP TS 26.502 version 17.8.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 126502 V 18.2.0 *3GPP TS 26.502 Version 18.2.0 Release 18	5G – 5G multicast-broadcast services – User service architecture (3GPP TS 26.502 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126506 V 18.4.0 *3GPP TS 26.506 Version 18.4.0 Release 18	5G – 5G Real-time Media Communication Architecture (Stage 2) (3GPP TS 26.506 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126510 V 18.1.0 *3GPP TS 26.510 Version 18.1.0 Release 18	5G – Media delivery – interactions and APIs for provisioning and media session handling (3GPP TS 26.510 version 18.1.0 Release 18)	33.070.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126512 V 18.3.0 *3GPP TS 26.512 Version 18.3.0 Release 18	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126517 V 17.7.0 *3GPP TS 26.517 Version 17.7.0 Release 17	LTE – 5G – 5G Multicast-Broadcast User Services – Protocols and Formats (3GPP TS 26.517 version 17.7.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 126517 V 18.2.0 *3GPP TS 26.517 Version 18.2.0 Release 18	LTE – 5G – 5G Multicast-Broadcast User Services – Protocols and Formats (3GPP TS 26.517 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126532 V 18.3.0 *3GPP TS 26.532 Version 18.3.0 Release 18	5G – Data Collection and Reporting – Protocols and Formats (3GPP TS 26.532 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 126565 V 18.1.0 *3GPP TS 26.565 Version 18.1.0 Release 18	5G – Split Rendering Media Service Enabler (3GPP TS 26.565 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TR 126996 V 18.1.0 *3GPP TR 26.996 Version 18.1.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Immersive Audio for Split Rendering Scenarios – Performance characterization (3GPP TR 26.996 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TR 126997 V 18.1.0 *3GPP TR 26.997 Version 18.1.0 Release 18	LTE – 5G – Codec for Immersive Voice and Audio Services (IVAS) – Performance characterization (3GPP TR 26.997 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128104 V 17.9.0 *3GPP TS 28.104 Version 17.9.0 Release 17	5G – Management and orchestration – Management Data Analytics (MDA) (3GPP TS 28.104 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128104 V 18.5.0 *3GPP TS 28.104 Version 18.5.0 Release 18	5G – Management and orchestration – Management Data Analytics (MDA) (3GPP TS 28.104 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128105 V 17.9.0 *3GPP TS 28.105 Version 17.9.0 Release 17	5G – Management and orchestration – Artificial Intelligence/ Machine Learning (AI/ML) management (3GPP TS 28.105 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128105 V 18.5.0 *3GPP TS 28.105 Version 18.5.0 Release 18	5G – Management and orchestration – Artificial Intelligence/ Machine Learning (AI/ML) management (3GPP TS 28.105 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128111 V 18.2.0 *3GPP TS 28.111 Version 18.2.0 Release 18	5G – Fault management (3GPP TS 28.111 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128310 V 16.9.0 *3GPP TS 28.310 Version 16.9.0 Release 16	LTE – 5G – Management and orchestration – Energy efficiency of 5G (3GPP TS 28.310 version 16.9.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128310 V 17.8.0 *3GPP TS 28.310 Version 17.8.0 Release 17	LTE – 5G – Management and orchestration – Energy efficiency of 5G (3GPP TS 28.310 version 17.8.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128310 V 18.6.0 *3GPP TS 28.310 Version 18.6.0 Release 18	LTE – 5G – Management and orchestration – Energy efficiency of 5G (3GPP TS 28.310 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128312 V 18.5.0 *3GPP TS 28.312 Version 18.5.0 Release 18	LTE – 5G – Management and orchestration – Intent driven management services for mobile networks (3GPP TS 28.312 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128313 V 17.11.0 *3GPP TS 28.313 Version 17.11.0 Release 17	5G – Management and orchestration – Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 17.11.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128313 V 18.2.0 *3GPP TS 28.313 Version 18.2.0 Release 18	5G – Management and orchestration – Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128317 V 18.2.0 *3GPP TS 28.317 Version 18.2.0 Release 18	5G – Management and orchestration – Self-configuration of Radio Access Network Entities (RAN NEs) (3GPP TS 28.317 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128530 V 16.7.0 *3GPP TS 28.530 Version 16.7.0 Release 16	5G – Management and orchestration – Concepts, use cases and requirements (3GPP TS 28.530 version 16.7.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128530 V 17.5.0 *3GPP TS 28.530 Version 17.5.0 Release 17	5G – Management and orchestration – Concepts, use cases and requirements (3GPP TS 28.530 version 17.5.0 Release 17)	33.070.50	listopad 2024.

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ETSI TS 128530 V 18.1.0 *3GPP TS 28.530 Version 18.1.0 Release 18	5G – Management and orchestration – Concepts, use cases and requirements (3GPP TS 28.530 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128531 V 18.7.0 *3GPP TS 28.531 Version 18.7.0 Release 18	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128532 V 15.10.0 *3GPP TS 28.532 Version 15.10.0 Release 15	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 15.10.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 128532 V 16.19.0 *3GPP TS 28.532 Version 16.19.0 Release 16	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 16.19.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128532 V 17.10.0 *3GPP TS 28.532 Version 17.10.0 Release 17	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 17.10.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128532 V 18.4.0 *3GPP TS 28.532 Version 18.4.0 Release 18	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128533 V 16.11.0 *3GPP TS 28.533 Version 16.11.0 Release 16	5G – Management and orchestration – Architecture framework (3GPP TS 28.533 version 16.11.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128533 V 17.5.0 *3GPP TS 28.533 Version 17.5.0 Release 17	5G – Management and orchestration – Architecture framework (3GPP TS 28.533 version 17.5.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128533 V 18.3.0 *3GPP TS 28.533 Version 18.3.0 Release 18	5G – Management and orchestration – Architecture framework (3GPP TS 28.533 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128535 V 16.7.0 *3GPP TS 28.535 Version 16.7.0 Release 16	LTE – 5G – Management and orchestration – Management services for communication service assurance – Requirements (3GPP TS 28.535 version 16.7.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128535 V 17.9.0 *3GPP TS 28.535 Version 17.9.0 Release 17	LTE – 5G – Management and orchestration – Management services for communication service assurance – Requirements (3GPP TS 28.535 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128535 V 18.2.0 *3GPP TS 28.535 Version 18.2.0 Release 18	LTE – 5G – Management and orchestration – Management services for communication service assurance – Requirements (3GPP TS 28.535 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128536 V 16.7.0 *3GPP TS 28.536 Version 16.7.0 Release 16	LTE – 5G – Management and orchestration – Management services for communication service assurance – Stage 2 and stage 3 (3GPP TS 28.536 version 16.7.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128536 V 17.9.0 *3GPP TS 28.536 Version 17.9.0 Release 17	LTE – 5G – Management and orchestration – Management services for communication service assurance – Stage 2 and stage 3 (3GPP TS 28.536 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128536 V 18.2.0 *3GPP TS 28.536 Version 18.2.0 Release 18	LTE – 5G – Management and orchestration – Management services for communication service assurance – Stage 2 and stage 3 (3GPP TS 28.536 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128537 V 17.6.0 *3GPP TS 28.537 Version 17.6.0 Release 17	5G – Management and orchestration – Management capabilities (3GPP TS 28.537 version 17.6.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128537 V 18.2.0 *3GPP TS 28.537 Version 18.2.0 Release 18	5G – Management and orchestration – Management capabilities (3GPP TS 28.537 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128538 V 18.8.0 *3GPP TS 28.538 Version 18.8.0 Release 18	5G – Management and orchestration – Edge Computing Management (3GPP TS 28.538 version 18.8.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128541 V 16.21.0 *3GPP TS 28.541 Version 16.21.0 Release 16	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 16.21.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128541 V 17.16.0 *3GPP TS 28.541 Version 17.16.0 Release 17	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 17.16.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128541 V 18.9.0 *3GPP TS 28.541 Version 18.9.0 Release 18	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 18.9.0 Release 18)	33.070.50	listopad 2024.

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ETSI TS 128552 V 17.15.0 *3GPP TS 28.552 Version 17.15.0 Release 17	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 17.15.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128552 V 18.8.0 *3GPP TS 28.552 Version 18.8.0 Release 18	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 18.8.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128554 V 15.8.0 *3GPP TS 28.554 Version 15.8.0 Release 15	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 15.8.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 128554 V 16.17.0 *3GPP TS 28.554 Version 16.17.0 Release 16	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 16.17.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128554 V 17.15.0 *3GPP TS 28.554 Version 17.15.0 Release 17	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 17.15.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128554 V 18.7.0 *3GPP TS 28.554 Version 18.7.0 Release 18	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128558 V 18.2.0 *3GPP TS 28.558 Version 18.2.0 Release 18	5G – Management and orchestration – UE level measurements for 5G system (3GPP TS 28.558 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128616 V 17.1.0 *3GPP TS 28.616 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128616 V 18.1.0 *3GPP TS 28.616 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128620 V 11.2.0 *3GPP TS 28.620 Version 11.2.0 Release 11	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 11.2.0 Release 11)	33.070.50	listopad 2024.
ETSI TS 128620 V 12.2.0 *3GPP TS 28.620 Version 12.2.0 Release 12	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 12.2.0 Release 12)	33.070.50	listopad 2024.
ETSI TS 128620 V 13.2.0 *3GPP TS 28.620 Version 13.2.0 Release 13	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 13.2.0 Release 13)	33.070.50	listopad 2024.
ETSI TS 128620 V 14.2.0 *3GPP TS 28.620 Version 14.2.0 Release 14	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 14.2.0 Release 14)	33.070.50	listopad 2024.
ETSI TS 128620 V 15.2.0 *3GPP TS 28.620 Version 15.2.0 Release 15	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 15.2.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 128620 V 16.1.0 *3GPP TS 28.620 Version 16.1.0 Release 16	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 16.1.0 Release 16)	33.070.50	listopad 2024.

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ETSI TS 128620 V 17.1.0 *3GPP TS 28.620 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128620 V 18.1.0 *3GPP TS 28.620 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128621 V 15.2.0 *3GPP TS 28.621 Version 15.2.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 15.2.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 128621 V 16.1.0 *3GPP TS 28.621 Version 16.1.0 Release 16	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 16.1.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128621 V 17.1.0 *3GPP TS 28.621 Version 17.1.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128621 V 18.1.0 *3GPP TS 28.621 Version 18.1.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128622 V 15.11.0 *3GPP TS 28.622 Version 15.11.0 Release 15	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 15.11.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 128622 V 16.20.0 *3GPP TS 28.622 Version 16.20.0 Release 16	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 16.20.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128622 V 17.11.0 *3GPP TS 28.622 Version 17.11.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 17.11.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128622 V 18.8.0 *3GPP TS 28.622 Version 18.8.0 Release 18	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 18.8.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128623 V 16.17.0 *3GPP TS 28.623 Version 16.17.0 Release 16	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 16.17.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128623 V 17.11.0 *3GPP TS 28.623 Version 17.11.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 17.11.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128623 V 18.8.0 *3GPP TS 28.623 Version 18.8.0 Release 18	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 18.8.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128626 V 17.1.0 *3GPP TS 28.626 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.

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ETSI TS 128626 V 18.1.0 *3GPP TS 28.626 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128629 V 17.1.0 *3GPP TS 28.629 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128629 V 18.1.0 *3GPP TS 28.629 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128633 V 17.1.0 *3GPP TS 28.633 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128633 V 18.1.0 *3GPP TS 28.633 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128653 V 17.1.0 *3GPP TS 28.653 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128656 V 17.1.0 *3GPP TS 28.656 Version 17.1.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.656 version 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128656 V 18.2.0 *3GPP TS 28.656 Version 18.2.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.656 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128659 V 17.2.0 *3GPP TS 28.659 Version 17.2.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.659 version 17.2.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128659 V 18.1.0 *3GPP TS 28.659 Version 18.1.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.659 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128663 V 17.1.0 *3GPP TS 28.663 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128663 V 18.1.0 *3GPP TS 28.663 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128673 V 17.1.0 *3GPP TS 28.673 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.



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ETSI TS 128673 V 18.1.0 *3GPP TS 28.673 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128676 V 17.1.0 *3GPP TS 28.676 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128676 V 18.1.0 *3GPP TS 28.676 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128703 V 17.1.0 *3GPP TS 28.703 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128703 V 18.1.0 *3GPP TS 28.703 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128706 V 17.1.0 *3GPP TS 28.706 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128706 V 18.1.0 *3GPP TS 28.706 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128709 V 17.1.0 *3GPP TS 28.709 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128709 V 18.1.0 *3GPP TS 28.709 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128732 V 11.4.0 *3GPP TS 28.732 Version 11.4.0 Release 11	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 11.4.0 Release 11)	33.070.50	listopad 2024.
ETSI TS 128732 V 12.3.0 *3GPP TS 28.732 Version 12.3.0 Release 12	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 12.3.0 Release 12)	33.070.50	listopad 2024.
ETSI TS 128732 V 13.4.0 *3GPP TS 28.732 Version 13.4.0 Release 13	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 13.4.0 Release 13)	33.070.50	listopad 2024.
ETSI TS 128732 V 14.3.0 *3GPP TS 28.732 Version 14.3.0 Release 14	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 14.3.0 Release 14)	33.070.50	listopad 2024.

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ETSI TS 128732 V 15.2.0 *3GPP TS 28.732 Version 15.2.0 Release 15	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 15.2.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 128732 V 16.2.0 *3GPP TS 28.732 Version 16.2.0 Release 16	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 16.2.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 128732 V 17.2.0 *3GPP TS 28.732 Version 17.2.0 Release 17	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 17.2.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128732 V 18.2.0 *3GPP TS 28.732 Version 18.2.0 Release 18	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 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128733 V 17.1.0 *3GPP TS 28.733 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128733 V 18.2.0 *3GPP TS 28.733 Version 18.2.0 Release 18	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 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128736 V 17.1.0 *3GPP TS 28.736 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128736 V 18.1.0 *3GPP TS 28.736 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 128753 V 17.1.0 *3GPP TS 28.753 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 128753 V 18.2.0 *3GPP TS 28.753 Version 18.2.0 Release 18	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 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TR 128908 V 18.1.0 *3GPP TR 28.908 Version 18.1.0 Release 18	5G – Study on Artificial Intelligence/Machine Learning (AI/ ML) management (3GPP TR 28.908 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 129229 V 12.9.0 *3GPP TS 29.229 Version 12.9.0 Release 12	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 12.9.0 Release 12)	33.070.50	listopad 2024.
ETSI TS 129229 V 13.2.0 *3GPP TS 29.229 Version 13.2.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 13.2.0 Release 13)	33.070.50	listopad 2024.
ETSI TS 129229 V 14.4.1 *3GPP TS 29.229 Version 14.4.1 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 14.4.1 Release 14)	33.070.50	listopad 2024.

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ETSI TS 129229 V 15.3.0 *3GPP TS 29.229 Version 15.3.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 15.3.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 129229 V 16.3.0 *3GPP TS 29.229 Version 16.3.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 16.3.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 129229 V 17.3.0 *3GPP TS 29.229 Version 17.3.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 17.3.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 129229 V 18.1.0 *3GPP TS 29.229 Version 18.1.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 129238 V 12.6.0 *3GPP TS 29.238 Version 12.6.0 Release 12	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 12.6.0 Release 12)	33.070.50	listopad 2024.
ETSI TS 129238 V 13.3.0 *3GPP TS 29.238 Version 13.3.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 13.3.0 Release 13)	33.070.50	listopad 2024.
ETSI TS 129238 V 14.2.0 *3GPP TS 29.238 Version 14.2.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 14.2.0 Release 14)	33.070.50	listopad 2024.
ETSI TS 129238 V 15.1.0 *3GPP TS 29.238 Version 15.1.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 15.1.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 129238 V 16.1. *3GPP TS 29.238 Version 16.1.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 16.1.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 129238 V 17.1.0 *3GPP TS 29.238 Version 17.1.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 129238 V 18.2.0 *3GPP TS 29.238 Version 18.2.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 129272 V 16.8.0 *3GPP TS 29.272 Version 16.8.0 Release 16	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 16.8.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 129272 V 17.7.0 *3GPP TS 29.272 Version 17.7.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 17.7.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 129272 V 18.5.0 *3GPP TS 29.272 Version 18.5.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 18.5.0 Release 18)	33.070.50	listopad 2024.

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ETSI TS 129279 V 8.1.0 *3GPP TS 29.279 Version 8.1.0 Release 8	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 8.1.0 Release 8)	33.070.50	listopad 2024.
ETSI TS 129279 V 9.1.0 *3GPP TS 29.279 Version 9.1.0 Release 9	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 9.1.0 Release 9)	33.070.50	listopad 2024.
ETSI TS 129279 V 10.1.0 *3GPP TS 29.279 Version 10.1.0 Release 10	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 10.1.0 Release 10)	33.070.50	listopad 2024.
ETSI TS 129279 V 11.1.0 *3GPP TS 29.279 Version 11.1.0 Release 11	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 11.1.0 Release 11)	33.070.50	listopad 2024.
ETSI TS 129279 V 12.1.0 *3GPP TS 29.279 Version 12.1.0 Release 12	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 12.1.0 Release 12)	33.070.50	listopad 2024.
ETSI TS 129279 V 13.1.0 *3GPP TS 29.279 Version 13.1.0 Release 13	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 13.1.0 Release 13)	33.070.50	listopad 2024.
ETSI TS 129279 V 14.1.0 *3GPP TS 29.279 Version 14.1.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 14.1.0 Release 14)	33.070.50	listopad 2024.
ETSI TS 129279 V 15.1.0 *3GPP TS 29.279 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 15.1.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 129279 V 16.1.0 *3GPP TS 29.279 Version 16.1.0 Release 16	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 16.1.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 129279 V 17.1.0 *3GPP TS 29.279 Version 17.1.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 129279 V 18.1.0 *3GPP TS 29.279 Version 18.1.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 129328 V 13.12.0 *3GPP TS 29.328 Version 13.12.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 13.12.0 Release 13)	33.070.50	listopad 2024.
ETSI TS 129328 V 14.8.0 *3GPP TS 29.328 Version 14.8.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 14.8.0 Release 14)	33.070.50	listopad 2024.
ETSI TS 129328 V 15.10.0 *3GPP TS 29.328 Version 15.10.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 15.10.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 129328 V 16.3.0 *3GPP TS 29.328 Version 16.3.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 16.3.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 129328 V 17.5.0 *3GPP TS 29.328 Version 17.5.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 17.5.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 129328 V 18.2.0 *3GPP TS 29.328 Version 18.2.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 129512 V 18.7.1 *3GPP TS 29.512 Version 18.7.1 Release 18	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 18.7.1 Release 18)	33.070.99	listopad 2024.

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ETSI TS 129522 V 18.7.0 *3GPP TS 29.522 Version 18.7.0 Release 18	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 131103 V 18.2.0 *3GPP TS 31.103 Version 18.2.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the IP Multimedia Services Identity Module (ISIM) application (3GPP TS 31.103 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 131105 V 18.2.0 *3GPP TS 31.105 Version 18.2.0 Release 18	5G – Characteristics of the Slice Subscriber Identity Module application (3GPP TS 31.105 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 131111 V 17.12.0 *3GPP TS 31.111 Version 17.12.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 17.12.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 131111 V 18.7.0 *3GPP TS 31.111 Version 18.7.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 131122 V 18.1.0 *3GPP TS 31.122 Version 18.1.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132150 V 17.1.0 *3GPP TS 32.150 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132150 V 18.1.0 *3GPP TS 32.150 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132156 V 17.7.0 *3GPP TS 32.156 Version 17.7.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 17.7.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132156 V 18.7.0 *3GPP TS 32.156 Version 18.7.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132158 V 15.6.0 *3GPP TS 32.158 Version 15.6.0 Release 15	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 15.6.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 132158 V 16.13.0 *3GPP TS 32.158 Version 16.13.0 Release 16	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.13.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 132158 V 17.9.0 *3GPP TS 32.158 Version 17.9.0 Release 17	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132158 V 18.2.0 *3GPP TS 32.158 Version 18.2.0 Release 18	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132160 V 16.8.0 *3GPP TS 32.160 Version 16.8.0 Release 16	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 16.8.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 132160 V 17.13.0 *3GPP TS 32.160 Version 17.13.0 Release 17	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 17.13.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132160 V 18.7.0 *3GPP TS 32.160 Version 18.7.0 Release 18	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 18.7.0 Release 18)	33.070.50	listopad 2024.

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ETSI TS 132240 V 18.8.0 *3GPP TS 32.240 Version 18.8.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Charging management – Charging architecture and principles (3GPP TS 32.240 version 18.8.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132255 V 17.14.0 *3GPP TS 32.255 Version 17.14.0 Release 17	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 17.14.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132255 V 18.5.0 *3GPP TS 32.255 Version 18.5.0 Release 18	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132256 V 18.5.0 *3GPP TS 32.256 Version 18.5.0 Release 18	5G – Charging management – 5G connection and mobility domain charging – Stage 2 (3GPP TS 32.256 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132290 V 18.7.0 *3GPP TS 32.290 Version 18.7.0 Release 18	5G – Telecommunication management – Charging management – 5G system – Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132291 V 16.17.0 *3GPP TS 32.291 Version 16.17.0 Release 16	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 16.17.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 132291 V 17.11.0 *3GPP TS 32.291 Version 17.11.0 Release 17	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 17.11.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132291 V 18.7.0 *3GPP TS 32.291 Version 18.7.0 Release 18	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132371 V 15.1.0 *3GPP TS 32.371 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 132371 V 16.1.0 *3GPP TS 32.371 Version 16.1.0 Release 16	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 16.1.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 132371 V 17.1.0 *3GPP TS 32.371 Version 17.1.0 Release 17	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 17.1.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132371 V 18.1.0 *3GPP TS 32.371 Version 18.1.0 Release 18	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 18.1.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132404 V 15.1.0 *3GPP TS 32.404 Version 15.1.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Performance Management (PM) – Performance measurements – Definitions and template (3GPP TS 32.404 version 15.1.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 132404 V 16.1.0 *3GPP TS 32.404 Version 16.1.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Performance Management (PM) – Performance measurements – Definitions and template (3GPP TS 32.404 version 16.1.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 132404 V 17.1.0 *3GPP TS 32.404 Version 17.1.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Performance Management (PM) – Performance measurements – Definitions and template (3GPP TS 32.404 version 17.1.0 Release 17)	33.070.50	listopad 2024.

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ETSI TS 132404 V 18.2.0 *3GPP TS 32.404 Version 18.2.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Performance Management (PM) – Performance measurements – Definitions and template (3GPP TS 32.404 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132421 V 18.3.0 *3GPP TS 32.421 Version 18.3.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132422 V 16.16.0 *3GPP TS 32.422 Version 16.16.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 16.16.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 132422 V 17.14.0 *3GPP TS 32.422 Version 17.14.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 17.14.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132422 V 18.4.0 *3GPP TS 32.422 Version 18.4.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 132423 V 16.13.0 *3GPP TS 32.423 Version 16.13.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 16.13.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 132423 V 17.11.0 *3GPP TS 32.423 Version 17.11.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 17.11.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 132423 V 18.4.0 *3GPP TS 32.423 Version 18.4.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 133128 V 18.9.1 *3GPP TS 33.128 Version 18.9.1 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 18.9.1 Release 18)	33.070.50	listopad 2024.
ETSI TS 133310 V 18.5.0 *3GPP TS 33.310 Version 18.5.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 133328 V 18.2.0 *3GPP TS 33.328 Version 18.2.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) media plane security (3GPP TS 33.328 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 133401 V 15.12.0 *3GPP TS 33.401 Version 15.12.0 Release 15	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 15.12.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 133401 V 16.4.0 *3GPP TS 33.401 Version 16.4.0 Release 16	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 16.4.0 Release 16)	33.070.50	listopad 2024.
ETSI TS 133401 V 17.6.0 *3GPP TS 33.401 Version 17.6.0 Release 17	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 17.6.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 133401 V 18.2.0 *3GPP TS 33.401 Version 18.2.0 Release 18	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 18.2.0 Release 18)	33.070.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 133501 V 18.7.0 *3GPP TS 33.501 Version 18.7.0 Release 18	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 133503 V 17.9.0 *3GPP TS 33.503 Version 17.9.0 Release 17	5G – Security Aspects of Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 33.503 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 133503 V 18.4.0 *3GPP TS 33.503 Version 18.4.0 Release 18	5G – Security Aspects of Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 33.503 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 133533 V 18.4.0 *3GPP TS 33.533 Version 18.4.0 Release 18	5G – Security aspects of ranging based services and sidelink positioning (3GPP TS 33.533 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 133535 V 18.5.0 *3GPP TS 33.535 Version 18.5.0 Release 18	5G – Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS) (3GPP TS 33.535 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 134123-3 V 18.0.0 *3GPP TS 34.123-3 Version 18.0.0 Release 18	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 18.0.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 134229-2 V 17.2.0 *3GPP TS 34.229-2 Version 17.2.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 17.2.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 134229-3 V 17.7.0 *3GPP TS 34.229-3 Version 17.7.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 17.7.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 134229-3 V 18.0.0 *3GPP TS 34.229-3 Version 18.0.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 18.0.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 134229-5 V 17.2.0 *3GPP TS 34.229-5 Version 17.2.0 Release 17	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 17.2.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 136101 V 16.21.0 *3GPP TS 36.101 Version 16.21.0 Release 16	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.21.0 Release 16)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 136101 V 17.14.0 *3GPP TS 36.101 Version 17.14.0 Release 17	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 17.14.0 Release 17)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 136101 V 18.7.0 *3GPP TS 36.101 Version 18.7.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 18.7.0 Release 18)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 136102 V 18.6.0 *3GPP TS 36.102 Version 18.6.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception for satellite access (3GPP TS 36.102 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136108 V 18.7.0 *3GPP TS 36.108 Version 18.7.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Satellite Access Node radio transmission and reception (3GPP TS 36.108 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136133 V 13.24.0 *3GPP TS 36.133 Version 13.24.0 Release 13	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 13.24.0 Release 13)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 136133 V 14.24.0 *3GPP TS 36.133 Version 14.24.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 14.24.0 Release 14)	33.070.50; 33.070.99	listopad 2024.



Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136133 V 15.22.0 *3GPP TS 36.133 Version 15.22.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 15.22.0 Release 15)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 136133 V 16.21.0 *3GPP TS 36.133 Version 16.21.0 Release 16	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 16.21.0 Release 16)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 136133 V 17.14.0 *3GPP TS 36.133 Version 17.14.0 Release 17	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 17.14.0 Release 17)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 136133 V 18.7.0 *3GPP TS 36.133 Version 18.7.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 18.7.0 Release 18)	33.070.50; 33.070.99	listopad 2024.
ETSI TS 136181 V 18.5.0 *3GPP TS 36.181 Version 18.5.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Satellite Access Node conformance testing (3GPP TS 36.181 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136300 V 17.9.0 *3GPP TS 36.300 Version 17.9.0 Release 17	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 136300 V 18.3.0 *3GPP TS 36.300 Version 18.3.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136306 V 18.3.0 *3GPP TS 36.306 Version 18.3.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136321 V 18.3.0 *3GPP TS 36.321 Version 18.3.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136331 V 14.18.0 *3GPP TS 36.331 Version 14.18.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 14.18.0 Release 14)	33.070.50	listopad 2024.
ETSI TS 136331 V 15.23.0 *3GPP TS 36.331 Version 15.23.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 15.23.0 Release 15)	33.070.50	listopad 2024.
ETSI TS 136331 V 17.10.0 *3GPP TS 36.331 Version 17.10.0 Release 17	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 17.10.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 136331 V 18.3.1 *3GPP TS 36.331 Version 18.3.1 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 18.3.1 Release 18)	33.070.50	listopad 2024.
ETSI TS 136508 V 18.6.0 *3GPP TS 36.508 Version 18.6.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136521-1 V 18.6.0 *3GPP TS 36.521-1 Version 18.6.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136521-2 V 18.6.0 *3GPP TS 36.521-2 Version 18.6.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136521-3 V 18.6.0 *3GPP TS 36.521-3 Version 18.6.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136521-4 V 18.3.0 *3GPP TS 36.521-4 Version 18.3.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Satellite access Radio Frequency (RF) and performance Conformance Testing (3GPP TS 36.521-4 version 18.3.0 Release 18)	33.070.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136523-1 V 18.6.0 *3GPP TS 36.523-1 Version 18.6.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136523-2 V 18.6.0 *3GPP TS 36.523-2 Version 18.6.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136523-3 V 18.5.0 *3GPP TS 36.523-3 Version 18.5.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 18.5.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136579-1 V 16.6.0 *3GPP TS 36.579-1 Version 16.6.0 Release 16	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 16.6.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 136579-2 V 16.6.0 *3GPP TS 36.579-2 Version 16.6.0 Release 16	LTE – Mission Critical (MC) services over LTE – Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 16.6.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 136579-4 V 16.6.0 *3GPP TS 36.579-4 Version 16.6.0 Release 16	LTE – Mission Critical (MC) services over LTE – Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 16.6.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 136579-5 V 17.7.0 *3GPP TS 36.579-5 Version 17.7.0 Release 17	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 17.7.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 136579-5 V 18.0.0 *3GPP TS 36.579-5 Version 18.0.0 Release 18	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 18.0.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 136579-7 V 16.5.0 *3GPP TS 36.579-7 Version 16.5.0 Release 16	LTE – Mission Critical (MC) services over LTE – Part 7: Mission Critical Data (MCDATA) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-7 version 16.5.0 Release 16)	33.070.99	listopad 2024.
ETSI TR 136905 V 18.6.0 *3GPP TR 36.905 Version 18.6.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test points for radio transmission and reception conformance test cases (3GPP TR 36.905 version 18.6.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 137144 V 14.8.0 *3GPP TS 37.144 Version 14.8.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements (3GPP TS 37.144 version 14.8.0 Release 14)	33.070.99	listopad 2024.
ETSI TS 137144 V 15.1.0 *3GPP TS 37.144 Version 15.1.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements (3GPP TS 37.144 version 15.1.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 137144 V 16.1.0 *3GPP TS 37.144 Version 16.1.0 Release 16	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements (3GPP TS 37.144 version 16.1.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 137144 V 17.1.0 *3GPP TS 37.144 Version 17.1.0 Release 17	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements (3GPP TS 37.144 version 17.1.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 137144 V 18.1.0 *3GPP TS 37.144 Version 18.1.0 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements (3GPP TS 37.144 version 18.1.0 Release 18)	33.070.99	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 137145-2 V 15.18.0 *3GPP TS 37.145-2 Version 15.18.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: radiated conformance testing (3GPP TS 37.145-2 version 15.18.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 137145-2 V 16.19.0 *3GPP TS 37.145-2 Version 16.19.0 Release 16	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: radiated conformance testing (3GPP TS 37.145-2 version 16.19.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 137145-2 V 17.13.0 *3GPP TS 37.145-2 Version 17.13.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: radiated conformance testing (3GPP TS 37.145-2 version 17.13.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 137145-2 V 18.7.0 *3GPP TS 37.145-2 Version 18.7.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: radiated conformance testing (3GPP TS 37.145-2 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 137213 V 18.4.0 *3GPP TS 37.213 Version 18.4.0 Release 18	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 137320 V 18.3.0 *3GPP TS 37.320 Version 18.3.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Radio measurement collection for Minimization of Drive Tests (MDT) – Overall description – Stage 2 (3GPP TS 37.320 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 137340 V 18.3.0 *3GPP TS 37.340 Version 18.3.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evolved Universal Terrestrial Radio Access (E-UTRA) and NR – Multi-connectivity – Overall Description – Stage-2 (3GPP TS 37.340 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 137355 V 18.3.0 *3GPP TS 37.355 Version 18.3.0 Release 18	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 137544 V 16.5.0 *3GPP TS 37.544 Version 16.5.0 Release 16	Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) – User Equipment (UE) Over The Air (OTA) performance – Conformance testing (3GPP TS 37.544 version 16.5.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 137571-4 V 18.0.0 *3GPP TS 37.571-4 Version 18.0.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 18.0.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 137571-5 V 17.6.0 *3GPP TS 37.571-5 Version 17.6.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 17.6.0 Release 17)	33.070.50	listopad 2024.
ETSI TR 137901-5 V 16.13.0 *3GPP TR 37.901-5 Version 16.13.0 Release 16	5G – Study on 5G NR User Equipment (UE) application layer data throughput performance (3GPP TR 37.901-5 version 16.13.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138101-1 V 15.27.0 *3GPP TS 38.101-1 Version 15.27.0 Release 15	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.27.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 138101-1 V 16.21.0 *3GPP TS 38.101-1 Version 16.21.0 Release 16	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.21.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138101-2 V 17.15.0 *3GPP TS 38.101-2 Version 17.15.0 Release 17	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 17.15.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138101-2 V 18.7.0 *3GPP TS 38.101-2 Version 18.7.0 Release 18	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138101-3 V 16.21.0 *3GPP TS 38.101-3 Version 16.21.0 Release 16	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 16.21.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138101-3 V 17.15.0 *3GPP TS 38.101-3 Version 17.15.0 Release 17	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 17.15.0 Release 17)	33.070.99	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138101-4 V 15.23.0 *3GPP TS 38.101-4 Version 15.23.0 Release 15	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 15.23.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 138101-4 V 16.18.0 *3GPP TS 38.101-4 Version 16.18.0 Release 16	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 16.18.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138101-5 V 17.9.0 *3GPP TS 38.101-5 Version 17.9.0 Release 17	5G – NR – User Equipment (UE) radio transmission and reception – Part 5: Satellite access Radio Frequency (RF) and performance requirements (3GPP TS 38.101-5 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 138101-5 V 18.7.0 *3GPP TS 38.101-5 Version 18.7.0 Release 18	5G – NR – User Equipment (UE) radio transmission and reception – Part 5: Satellite access Radio Frequency (RF) and performance requirements (3GPP TS 38.101-5 version 18.7.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138104 V 17.15.0 *3GPP TS 38.104 Version 17.15.0 Release 17	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 17.15.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138104 V 18.7.0 *3GPP TS 38.104 Version 18.7.0 Release 18	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138106 V 17.10.0 *3GPP TS 38.106 Version 17.10.0 Release 17	5G – NR repeater radio transmission and reception (3GPP TS 38.106 version 17.10.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138106 V 18.6.0 *3GPP TS 38.106 Version 18.6.0 Release 18	5G – NR repeater radio transmission and reception (3GPP TS 38.106 version 18.6.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138108 V 17.9.0 *3GPP TS 38.108 Version 17.9.0 Release 17	5G – NR – Satellite Access Node radio transmission and reception (3GPP TS 38.108 version 17.9.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 138108 V 18.4.0 *3GPP TS 38.108 Version 18.4.0 Release 18	5G – NR – Satellite Access Node radio transmission and reception (3GPP TS 38.108 version 18.4.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138114 V 18.3.0 *3GPP TS 38.114 Version 18.3.0 Release 18	5G – NR – Repeaters ElectroMagnetic Compatibility (EMC) (3GPP TS 38.114 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138115-1 V 18.6.0 *3GPP TS 38.115-1 Version 18.6.0 Release 18	5G – NR – Repeater conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.115-1 version 18.6.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138115-2 V 18.2.0 *3GPP TS 38.115-2 Version 18.2.0 Release 18	5G – NR – Repeater conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.115-2 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138141-1 V 17.15.0 *3GPP TS 38.141-1 Version 17.15.0 Release 17	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 17.15.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138141-1 V 18.7.0 *3GPP TS 38.141-1 Version 18.7.0 Release 18	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138141-2 V 17.15.0 *3GPP TS 38.141-2 Version 17.15.0 Release 17	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 17.15.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138141-2 V 18.7.0 *3GPP TS 38.141-2 Version 18.7.0 Release 18	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 18.7.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138151 V 17.9.0 *3GPP TS 38.151 Version 17.9.0 Release 17	5G – NR – User Equipment (UE) Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) performance requirements (3GPP TS 38.151 version 17.9.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138151 V 18.2.0 *3GPP TS 38.151 Version 18.2.0 Release 18	5G – NR – User Equipment (UE) Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) performance requirements (3GPP TS 38.151 version 18.2.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138161 V 17.5.0 *3GPP TS 38.161 Version 17.5.0 Release 17	5G – NR – User Equipment (UE) TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements – Range 1 Standalone and Range 1 Interworking operation with other radios (3GPP TS 38.161 version 17.5.0 Release 17)	33.070.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138161 V 18.2.0 *3GPP TS 38.161 Version 18.2.0 Release 18	5G – NR – User Equipment (UE) TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements – Range 1 Standalone and Range 1 Interworking operation with other radios (3GPP TS 38.161 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138174 V 18.6.0 *3GPP TS 38.174 Version 18.6.0 Release 18	5G – NR – Integrated Access and Backhaul (IAB) radio transmission and reception (3GPP TS 38.174 version 18.6.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138176-1 V 17.10.0 *3GPP TS 38.176-1 Version 17.10.0 Release 17	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 17.10.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138176-1 V 18.6.0 *3GPP TS 38.176-1 Version 18.6.0 Release 18	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 18.6.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138176-2 V 16.11.0 *3GPP TS 38.176-2 Version 16.11.0 Release 16	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 16.11.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138176-2 V 17.10.0 *3GPP TS 38.176-2 Version 17.10.0 Release 17	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 17.10.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138176-2 V 18.6.0 *3GPP TS 38.176-2 Version 18.6.0 Release 18	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 18.6.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138181 V 17.6.0 *3GPP TS 38.181 Version 17.6.0 Release 17	5G – NR – Satellite Access Node conformance testing (3GPP TS 38.181 version 17.6.0 Release 17)	33.070.50	listopad 2024.
ETSI TS 138181 V 18.3.0 *3GPP TS 38.181 Version 18.3.0 Release 18	5G – NR – Satellite Access Node conformance testing (3GPP TS 38.181 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138202 V 18.4.0 *3GPP TS 38.202 Version 18.4.0 Release 18	5G – NR – Services provided by the physical layer (3GPP TS 38.202 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138211 V 17.9.0 *3GPP TS 38.211 Version 17.9.0 Release 17	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 17.9.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138211 V 18.4.0 *3GPP TS 38.211 Version 18.4.0 Release 18	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138212 V 18.4.0 *3GPP TS 38.212 Version 18.4.0 Release 18	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138213 V 17.11.0 *3GPP TS 38.213 Version 17.11.0 Release 17	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 17.11.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138213 V 18.4.0 *3GPP TS 38.213 Version 18.4.0 Release 18	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138214 V 17.11.0 *3GPP TS 38.214 Version 17.11.0 Release 17	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 17.11.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138214 V 18.4.0 *3GPP TS 38.214 Version 18.4.0 Release 18	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138300 V 15.18.0 *3GPP TS 38.300 Version 15.18.0 Release 15	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 15.18.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 138300 V 16.17.0 *3GPP TS 38.300 Version 16.17.0 Release 16	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 16.17.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138300 V 17.10.0 *3GPP TS 38.300 Version 17.10.0 Release 17	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 17.10.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138300 V 18.3.0 *3GPP TS 38.300 Version 18.3.0 Release 18	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 18.3.0 Release 18)	33.070.99	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138304 V 18.3.0 *3GPP TS 38.304 Version 18.3.0 Release 18	5G – NR – User Equipment (UE) procedures in Idle mode and in RRC Inactive state (3GPP TS 38.304 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138305 V 18.3.0 *3GPP TS 38.305 Version 18.3.0 Release 18	5G – NG Radio Access Network (NG-RAN) – Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138306 V 15.26.0 *3GPP TS 38.306 Version 15.26.0 Release 15	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.26.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 138306 V 16.18.0 *3GPP TS 38.306 Version 16.18.0 Release 16	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.18.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138306 V 17.10.0 *3GPP TS 38.306 Version 17.10.0 Release 17	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 17.10.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138306 V 18.3.0 *3GPP TS 38.306 Version 18.3.0 Release 18	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138321 V 16.17.0 *3GPP TS 38.321 Version 16.17.0 Release 16	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.17.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138321 V 17.10.0 *3GPP TS 38.321 Version 17.10.0 Release 17	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 17.10.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138321 V 18.3.0 *3GPP TS 38.321 Version 18.3.0 Release 18	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138323 V 18.3.0 *3GPP TS 38.323 Version 18.3.0 Release 18	5G – NR – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138331 V 15.27.0 *3GPP TS 38.331 Version 15.27.0 Release 15	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 15.27.0 Release 15)	33.070.99	listopad 2024.
ETSI TS 138331 V 16.18.0 *3GPP TS 38.331 Version 16.18.0 Release 16	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 16.18.0 Release 16)	33.070.99	listopad 2024.
ETSI TS 138331 V 17.10.0 *3GPP TS 38.331 Version 17.10.0 Release 17	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 17.10.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138331 V 18.3.0 *3GPP TS 38.331 Version 18.3.0 Release 18	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138340 V 18.1.0 *3GPP TS 38.340 Version 18.1.0 Release 18	5G – NR – Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 18.1.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138355 V 18.3.0 *3GPP TS 38.355 Version 18.3.0 Release 18	5G – NR – Sidelink Positioning Protocol (SLPP) – Protocol Specification (3GPP TS 38.355 version 18.3.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138508-2 V 18.4.0 *3GPP TS 38.508-2 Version 18.4.0 Release 18	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 2: Common Implementation Conformance Statement (ICS) proforma (3GPP TS 38.508-2 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138521-3 V 18.4.0 *3GPP TS 38.521-3 Version 18.4.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.521-3 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138521-5 V 18.3.0 *3GPP TS 38.521-5 Version 18.3.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 5: Satellite access Radio Frequency (RF) and performance (3GPP TS 38.521-5 version 18.3.0 Release 18)	33.070.99	listopad 2024.
ETSI TS 138522 V 18.4.0 *3GPP TS 38.522 Version 18.4.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 18.4.0 Release 18)	33.070.99	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138523-2 V 17.8.0 *3GPP TS 38.523-2 Version 17.8.0 Release 17	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 17.8.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138523-2 V 18.0.0 *3GPP TS 38.523-2 Version 18.0.0 Release 18	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 18.0.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138523-3 V 17.12.0 *3GPP TS 38.523-3 Version 17.12.0 Release 17	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 17.12.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138523-3 V 18.0.0 *3GPP TS 38.523-3 Version 18.0.0 Release 18	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 18.0.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138551 V 17.3.0 *3GPP TS 38.551 Version 17.3.0 Release 17	5G – NR – User Equipment (UE) Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) performance – Conformance testing (3GPP TS 38.551 version 17.3.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138551 V 18.0.0 *3GPP TS 38.551 Version 18.0.0 Release 18	5G – NR – User Equipment (UE) Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) performance – Conformance testing (3GPP TS 38.551 version 18.0.0 Release 18)	33.070.50	listopad 2024.
ETSI TS 138561 V 17.3.0 *3GPP TS 38.561 Version 17.3.0 Release 17	5G – NR – User Equipment (UE) conformance specification – UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC) (3GPP TS 38.561 version 17.3.0 Release 17)	33.070.99	listopad 2024.
ETSI TS 138561 V 18.0.0 *3GPP TS 38.561 Version 18.0.0 Release 18	5G – NR – User Equipment (UE) conformance specification – UE TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements and test methodologies for FR1 (NR SA and EN-DC) (3GPP TS 38.561 version 18.0.0 Release 18)	33.070.50	listopad 2024.
ETSI TR 138903 V 18.4.0 *3GPP TR 38.903 Version 18.4.0 Release 18	5G – NR – Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TR 138905 V 18.4.0 *3GPP TR 38.905 Version 18.4.0 Release 18	5G – NR – Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 18.4.0 Release 18)	33.070.99	listopad 2024.
ETSI TR 138918 V 18.2.0 *3GPP TR 38.918 Version 18.2.0 Release 18	5G – Study on 5G NR User Equipment (UE) full stack testing for Network Slicing (3GPP TR 38.918 version 18.2.0 Release 18)	33.070.50	listopad 2024.
ETSI GS ARF 003 V 2.1.1	Augmented Reality Framework (ARF) – AR framework architecture	35.020	listopad 2024.
ETSI GS F5G 018 V 1.1.1	Fifth Generation Fixed Network (F5G) – Architecture of Optical Cloud Networks	33.070.99; 35.210	listopad 2024.
ETSI GS F5G 024 V 1.1.1	Fifth Generation Fixed Network (F5G) – F5G Advanced Network Architecture Release 3	33.070.99	listopad 2024.
ETSI GS ZSM 016 V 1.1.1	Zero-touch network and Service Management (ZSM) – Intent-driven Closed Loops	33.040.40	listopad 2024.
EN 300132-2 V 2.8.1	Environmental Engineering (EE) – Power supply interface at the input of Information and Communication Technology (ICT) equipment – Part 2:-48 V Direct Current (DC)	33.050.01	listopad 2024.
EN 301908-13 V 13.3.1	IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)	33.060.20; 33.070.01	listopad 2024.
EN 301908-25 V 15.1.1	IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 25: New Radio (NR) User Equipment (UE) Release 15	33.060.20; 33.070.01	listopad 2024.
EN 303760 V 1.1.1	SmartM2M – SAREF Guidelines for IoT Semantic Interoperability – Develop, apply and evolve Smart Applications ontologies	33.030; 35.020	listopad 2024.
ETSI TS 131102 V 17.14.1 *3GPP TS 31.102 Version 17.14.1 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 17.14.1 Release 17)	33.070.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 131102 V 18.6.1 *3GPP TS 31.102 Version 18.6.1 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 18.6.1 Release 18)	33.070.50	listopad 2024.



## Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 63339	Unified reference model for smart manufacturing	25.040.01; 35.240.50	listopad 2024.
ISO 899-2	Plastics – Determination of creep behaviour – Part 2: Flexural creep by three-point loading	83.080.01	listopad 2024.
ISO 2135	Anodizing of aluminium and its alloys – Accelerated test of light fastness of coloured anodic oxidation coatings using artificial light	25.220.20	listopad 2024.
ISO 3379	Leather – Determination of distension and strength of surface (ball burst method)	59.140.30	listopad 2024.
ISO 3689	Paper and board – Determination of bursting strength after immersion in water	85.060	listopad 2024.
ISO 4266-3	Petroleum and liquid petroleum products – Measurement of level and temperature in storage tanks by automatic methods – Part 3: Measurement of level in pressurized storage tanks (non-refrigerated)	75.180.30	listopad 2024.
ISO 4266-6	Petroleum and liquid petroleum products – Measurement of level and temperature in storage tanks by automatic methods – Part 6: Measurement of temperature in pressurized storage tanks (non-refrigerated)	75.180.30	listopad 2024.
ISO 4892-1	Plastics – Methods of exposure to laboratory light sources – Part 1: General guidance and requirements	83.080.01	listopad 2024.
ISO 4892-3	Plastics – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps	83.080.01	listopad 2024.
ISO 4917-5	Design of nuclear power plants against seismic events – Part 5: Seismic instrumentation	27.120.20; 91.120.25	listopad 2024.
ISO 5124	Loading and unloading of liquefied natural gas (LNG) tank wagons and containers	75.200	listopad 2024.
ISO 5132	Animal and vegetable fats and oils – High-performance liquid chromatography (HPLC) analysis of phenolic antioxidants	67.200.10	listopad 2024.
ISO 5459	Geometrical product specifications (GPS) – Geometrical tolerancing – Datums and datum systems	01.100.20; 17.040.10; 17.040.40	listopad 2024.
ISO 5637	Paper and board – Determination of water absorption after immersion in water	85.060	listopad 2024.
ISO 5686-1	Polygonal turret interface with flat contact surface – Part 1: Shanks of type F, H and A	25.060.20	listopad 2024.
ISO 5686-2	Polygonal turret interface with flat contact surface – Part 2: Receivers of type F, H, A and X for shanks of type F, H and A	25.060.20	listopad 2024.
ISO 5686-3	Polygonal turret interface with flat contact surface – Part 3: Coupling for driven tool holders with shanks of type F and A	25.060.20	listopad 2024.
ISO 5727	Accessibility and usability of the built environment – Accessibility of immovable cultural heritage – Principles and methodology for interventions	91.040.10; 97.195	listopad 2024.
ISO/TS 5788	Health informatics – Internet healthcare service pattern	11.020.10; 35.240.80	listopad 2024.
ISO/TS 6204	Health Informatics – Categorial structures for representation of Ayurvedic medicinal water – Decocting process in Ayurveda	35.240.80	listopad 2024.
ISO 6531	Machinery for forestry – Portable chain-saws – Vocabulary	01.040.65; 65.060.80	listopad 2024.
ISO 7054	Corrosion of metals and alloys – Wiping method for measurements of gases and particles on real structures and equipment	77.060	listopad 2024.
ISO 7061	Ships and marine technology – Aluminium shore gangways for seagoing vessels	47.040	listopad 2024.
ISO 7567	Bamboo structures – Glued laminated bamboo – Product specifications	91.080.20	listopad 2024.
ISO 7661	Aerospace fluid systems – Clamp blocks for tube lines having axial alignment – Design requirements and qualification testing (metric series)	49.080	listopad 2024.
ISO 7683	Design criteria and test methods for removable shrink labels applied to PET bottles	55.040	listopad 2024.
ISO 8100-7	Lifts for the transport of persons and goods – Part 7: Accessibility to lifts for persons including persons with disability	11.180.99; 91.140.90	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 8103-1	Escalators and moving walks – Part 1: Safety requirements	91.140.90	listopad 2024.
ISO/TR 8417	Risk management of particulate contamination for devices with intravascular access	11.040.20	listopad 2024.
ISO 9241-920	Ergonomics of human-system interaction – Part 920: Tactile and haptic interactions	13.180; 35.180	listopad 2024.
ISO 9784	Guidelines for biological filtration of secondary effluent for water reuse	13.060.01	listopad 2024.
ISO 9812	Corrosion of metals and alloys – Corrosion test method for disinfectant – Spray test method	77.060	listopad 2024.
ISO 9842	Essential oil of rose (Rosa x damascena Miller)	71.100.60	listopad 2024.
ISO/IEC 9899	Information technology – Programming languages – C	35.060	listopad 2024.
ISO 10033-1 AMD 1	Laminated Veneer Lumber (LVL) – Bonding quality – Part 1: Test methods – Amendment 1	79.060.99	listopad 2024.
ISO 10216	Anodizing of aluminium and its alloys – Instrumental determination of image clarity of anodic oxidation coatings – Instrumental method	25.220.20	listopad 2024.
ISO 10303-239	Industrial automation systems and integration – Product data representation and exchange – Part 239: Application protocol: Product life cycle support	25.040.40; 35.240.50	listopad 2024.
ISO 10319	Geosynthetics – Wide-width tensile test	59.080.70	listopad 2024.
ISO 10678	Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of photocatalytic activity of surfaces in an aqueous medium by degradation of methylene blue	81.060.30	listopad 2024.
ISO 10896-8	Rough-terrain trucks – Safety requirements and verification – Part 8: Requirements for trucks designed for towing	53.060	listopad 2024.
ISO 11334-4	Assistive products for walking, manipulated by one arm – Requirements and test methods – Part 4: Walking sticks with three or more legs	11.180.10	listopad 2024.
ISO 11347	Ships and marine technology – Large yachts – Measurement and assessment of the visual appearance of coatings	47.040	listopad 2024.
ISO 11979-2	Ophthalmic implants – Intraocular lenses – Part 2: Optical properties and test methods	11.040.70	listopad 2024.
ISO 12572 AMD 1	Hygrothermal performance of building materials and products – Determination of water vapour transmission properties – Cup method – Amendment 1	91.120.10	listopad 2024.
ISO/IEC TS 12791	Information technology – Artificial intelligence – Treatment of unwanted bias in classification and regression machine learning tasks	35.020	listopad 2024.
ISO 13318-1	Determination of particle size distribution by centrifugal liquid sedimentation methods – Part 1: General principles, requirements and guidance	19.120	listopad 2024.
ISO 13428	Geosynthetics – Determination of the protection efficiency of a geosynthetic against impact damage	59.080.70	listopad 2024.
ISO 13997	Protective clothing – Mechanical properties – Determination of resistance to cutting by sharp objects	13.340.10	listopad 2024.
ISO 14071	Environmental management – Life cycle assessment – Critical review processes and reviewer competencies	13.020.60	listopad 2024.
ISO 14072	Environmental management – Life cycle assessment – Requirements and guidance for organizational life cycle assessment	13.020.60	listopad 2024.
ISO 14075	Environmental management – Principles and framework for social life cycle assessment	13.020.10; 13.020.60	listopad 2024.
ISO 14356	Dentistry – Duplicating material	11.060.10	listopad 2024.
ISO/IEC 14496-15	Information technology – Coding of audio-visual objects – Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format	35.040.40	listopad 2024.
ISO 14714	Essential oils and aromatic extracts – Determination of benzene content	71.100.60	listopad 2024.
ISO/IEC 14882	Programming languages – C++	35.060	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 15045-3-2	Information technology – Home Electronic System (HES) gateway – Part 3-2: Privacy, security, and safety – Privacy framework	35.240.99; 97.120	listopad 2024.
ISO/TS 15638-26	Intelligent transport systems – Framework for cooperative telematics applications for regulated vehicles (TARV) – Part 26: Electric vehicle dynamic charging monitoring	03.220.20; 35.240.60	listopad 2024.
ISO 15708-1	Non-destructive testing – Radiation methods for computed tomography – Part 1: Vocabulary	01.040.19; 19.100	listopad 2024.
ISO 15883-1	Washer-disinfectors – Part 1: General requirements, terms and definitions and tests	11.080.10	listopad 2024.
ISO 16316	Windows, doors and curtain walling – Impacted by windborne debris in windstorms – Test method and classification	91.060.10; 91.060.50	listopad 2024.
ISO 16733-1	Fire safety engineering – Selection of design fire scenarios and design fires – Part 1: Selection of design fire scenarios	13.220.01	listopad 2024.
ISO 16810	Non-destructive testing – Ultrasonic testing – General principles	19.100	listopad 2024.
ISO 17126	Soil quality – Determination of the effects of pollutants on soil flora – Screening test for emergence of lettuce seedlings ( <i>Lactuca sativa</i> L.)	13.080.30	listopad 2024.
ISO 17442-3	Financial services – Legal entity identifier (LEI) – Part 3: Verifiable LEIs (vLEIs)	3.060	listopad 2024.
ISO/TR 17748-1	Intelligent transportation systems – Energy-based green ITS services for smart city mobility applications via nomadic and mobile devices – Part 1: General information and use case definitions	03.220.01; 35.240.60	listopad 2024.
ISO 17981	Space systems – Cube satellite (CubeSat) interface	49.140	listopad 2024.
ISO/IEC TS 18013-7	Personal identification – ISO-compliant driving licence – Part 7: Mobile driving licence (mDL) add-on functions	35.240.15	listopad 2024.
ISO 18893	Mobile elevating work platforms – Safety principles, inspection, maintenance and operation	53.020.99	listopad 2024.
ISO/IEC 19075-10	Information technology – Guidance for the use of database language SQL – Part 10: SQL model (Guide/Model)	35.060	listopad 2024.
ISO 19214	Microbeam analysis – Analytical electron microscopy – Method of determination for apparent growth direction of nanocrystals by transmission electron microscopy	71.040.50	listopad 2024.
ISO 19403-4	Paints and varnishes – Wettability – Part 4: Determination of the polar and dispersive fractions of the surface tension of liquids from an interfacial tension	87.040	listopad 2024.
ISO 19403-5	Paints and varnishes – Wettability – Part 5: Determination of the polar and dispersive fractions of the surface tension of liquids from contact angles measurements on a solid with only a disperse contribution to its surface energy	87.040	listopad 2024.
ISO 19403-6	Paints and varnishes – Wettability – Part 6: Measurement of dynamic advancing and receding angle by changing the volume of a drop	87.040	listopad 2024.
ISO 19403-7	Paints and varnishes – Wettability – Part 7: Measurement of the dynamic contact angles and the roll-off angle on a tilt stage	87.040	listopad 2024.
ISO/IEC 19795-10	Information technology – Biometric performance testing and reporting – Part 10: Quantifying biometric system performance variation across demographic groups	35.240.15	listopad 2024.
ISO 19887-1	Gaseous Hydrogen – Fuel system components for hydrogen-fuelled vehicles – Part 1: Land vehicles	27.075; 43.060.40	listopad 2024.
ISO 19996	Charge conditioning of aerosol particles for particle characterization and the generation of calibration and test aerosols	19.120	listopad 2024.
ISO/IEC TR 20000-17	Information technology – Service management – Part 17: Scenarios for the practical application of service management systems based on ISO/IEC 20000-1:2018	03.080.99; 35.020	listopad 2024.
ISO 20182	Refractory test-piece preparation – Gunning refractory panels by the pneumatic-nozzle mixing type guns	81.080	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 20248 AMD 1	Information technology – Automatic identification and data capture techniques – Digital signature data structure schema – Amendment 1: Domain authority identifier (DAID) specification for the GS1 legal entity identifier and encoding clarifications	35.040.50	listopad 2024.
ISO 20351	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for optical properties of ceramic phosphors for white light-emitting diodes using an integrating sphere	81.060.30	listopad 2024.
ISO/TS 20790	Oil and gas industries including lower carbon energy – Guidelines for green manufacturing and lower carbon emission of oil and gas-field equipment and materials	13.020.99; 75.200	listopad 2024.
ISO 20905	Coal preparation – Determination of dust/moisture relationship for coal	73.040	listopad 2024.
ISO 21018-1	Hydraulic fluid power – Monitoring the level of particulate contamination of the fluid – Part 1: General principles	23.100.60	listopad 2024.
ISO 21257	Plastics – Polymer polyols for use in the production of polyurethanes – Determination of the residual acrylonitrile and styrene monomer content by gas chromatography	83.080.10	listopad 2024.
ISO 21771-1	Cylindrical involute gears and gear pairs – Part 1: Concepts and geometry	21.200	listopad 2024.
ISO/TS 21934-2	Road vehicles – Prospective safety performance assessment of pre-crash technology by virtual simulation – Part 2: Guidelines and requirements for application	43.020	listopad 2024.
ISO 21949	Coated abrasives – Plain sheets with holes for dust extraction	25.100.70	listopad 2024.
ISO 21951	Coated abrasives – Plain discs with holes for dust extraction	25.100.70	listopad 2024.
ISO 22328-2	Security and resilience – Emergency management – Part 2: Guidelines for the implementation of a community-based early warning system for landslides	03.100.01	listopad 2024.
ISO 22336	Security and resilience – Organizational resilience – Guidelines for resilience policy and strategy	03.100.01	listopad 2024.
ISO/TS 22386	Security and resilience – Authenticity, integrity and trust for products and documents – Guidelines for brand protection and enforcement procedures	03.100.01	listopad 2024.
ISO 22476-16	Geotechnical investigation and testing – Field testing – Part 16: Borehole shear test	93.020	listopad 2024.
ISO/TS 22741-10	Intelligent transport systems – Roadside modules AP-DATEX data interface – Part 10: Variable message signs	03.220.20; 35.240.60	listopad 2024.
ISO/IEC 23002-7	Information technology – MPEG video technologies – Part 7: Versatile supplemental enhancement information messages for coded video bitstreams	35.040.40	listopad 2024.
ISO/TS 23361	Nanotechnologies – Crystallinity of cellulose nanomaterials by powder X-ray diffraction (Rietveld analysis)	7.120	listopad 2024.
ISO/CIE 23603	Standard method of assessing the spectral quality of daylight simulators for visual appraisal and measurement of colour	17.180.20	listopad 2024.
ISO 23779	Shot blasting machinery – Safety and environmental requirements	13.110; 77.180	listopad 2024.
ISO 24232	Protective clothing – Protection against rain	13.340.10	listopad 2024.
ISO 24479	Biotechnology – Cellular morphological analysis – General requirements and considerations for cell morphometry to quantify cell morphological features	7.080	listopad 2024.
ISO/TS 24634	Management of terminology resources – TermBase eXchange (TBX)-compliant representation of concept relations and subject fields	01.020; 35.240.30	listopad 2024.
ISO/IEC 24772-1	Programming languages – Avoiding vulnerabilities in programming languages – Part 1: Language-independent catalogue of vulnerabilities	35.060	listopad 2024.
ISO/IEC TR 25219	Personal identification – ISO-compliant driving licence – Considerations for early adopters of ISO/IEC 18013-7	35.240.15	listopad 2024.
ISO 25539-3	Cardiovascular implants – Endovascular devices – Part 3: Vena cava filters	11.040.40	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 25649-1	Floating leisure articles for use on and in the water – Part 1: Classification, materials, general requirements and test methods	97.220.40	listopad 2024.
ISO 25649-2	Floating leisure articles for use on and in the water – Part 2: Consumer information	97.020; 97.220.40	listopad 2024.
ISO 25649-3	Floating leisure articles for use on and in the water – Part 3: Additional specific safety requirements and test methods for Class A devices	97.220.40	listopad 2024.
ISO 25649-4	Floating leisure articles for use on and in the water – Part 4: Additional specific safety requirements and test methods for Class B devices	97.220.40	listopad 2024.
ISO 25649-5	Floating leisure articles for use on and in the water – Part 5: Additional specific safety requirements and test methods for Class C devices	97.220.40	listopad 2024.
ISO 25649-6	Floating leisure articles for use on and in the water – Part 6: Additional specific safety requirements and test methods for Class D devices	97.220.40	listopad 2024.
ISO 25649-7	Floating leisure articles for use on and in the water – Part 7: Additional specific safety requirements and test methods for Class E devices	97.220.40	listopad 2024.
ISO/IEC 26131	Information technology – OpenID connect – OpenID connect core 1.0 incorporating errata set 2	35.030	listopad 2024.
ISO/IEC 26132	Information technology – OpenID connect – OpenID connect discovery 1.0 incorporating errata set 2	35.030	listopad 2024.
ISO/IEC 26133	Information technology – OpenID connect – OpenID connect dynamic client registration 1.0 incorporating errata set 2	35.030	listopad 2024.
ISO/IEC 26134	Information technology – OpenID connect – OpenID connect RP-initiated logout 1.0	35.030	listopad 2024.
ISO/IEC 26135	Information technology – OpenID connect – OpenID connect session management 1.0	35.030	listopad 2024.
ISO/IEC 26136	Information technology – OpenID connect – OpenID connect front-channel logout 1.0	35.030	listopad 2024.
ISO/IEC 26137	Information technology – OpenID connect – OpenID connect back-channel logout 1.0 incorporating errata set 1	35.030	listopad 2024.
ISO/IEC 26138	Information technology – OpenID connect – OAuth 2.0 multiple response type encoding practices	35.030	listopad 2024.
ISO/IEC 26139	Information technology – OpenID connect – OAuth 2.0 form post response mode	35.030	listopad 2024.
ISO/IEC 27019	Information security, cybersecurity and privacy protection – Information security controls for the energy utility industry	35.030	listopad 2024.
ISO 27913	Carbon dioxide capture, transportation and geological storage – Pipeline transportation systems	13.020.40	listopad 2024.
ISO/TR 27929	Transportation of CO2 by ship	03.220.40; 13.020.99	listopad 2024.
ISO/CIE 28077	Photocarcinogenesis action spectrum (non-melanoma skin cancers)	13.280; 17.180.20	listopad 2024.
ISO 28560-3	Information and documentation – RFID in libraries – Part 3: Fixed length encoding	35.040.50; 35.240.30	listopad 2024.
ISO 31031	Managing risk for youth and school trips	03.100.01	listopad 2024.
ISO/IEC TR 33022	Information technology – Process assessment – Application of ISO/IEC/IEEE 12207 processes to the ISO/IEC 33020 process capability measurement scale	35.080	listopad 2024.
ISO/IEC TR 33023	Information technology – Process assessment – Application of ISO/IEC TS 33073 processes to the ISO/IEC 33020 process capability measurement scale	35.080	listopad 2024.
ISO 37125	Sustainable cities and communities – Environmental, social and governance (ESG) indicators for cities	13.020.20	listopad 2024.
ISO/IEC/IEEE 41062	Software engineering – Life cycle processes – Software acquisition	35.080	listopad 2024.
ISO/TR 52016-4	Energy performance of buildings – Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads – Part 4: Explanation and justification of ISO 52016-3	91.120.10	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/ASTM 52967	Additive manufacturing for aerospace – General principles – Part classifications for additive manufactured parts used in aviation	25.030; 49.035	listopad 2024.
ISO 59014	Environmental management and circular economy – Sustainability and traceability of the recovery of secondary materials – Principles, requirements and guidance	13.020.20; 13.020.60	listopad 2024.
IEC 63339	Unified reference model for smart manufacturing	25.040.01; 35.240.50	listopad 2024.

## Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CISPR/PAS 39	Electromagnetic compatibility (EMC) – Conducted emission requirements on the low voltage AC mains port in the frequency range 9 kHz to 150 kHz for equipment intended to operate in residential environments	33.100.10	listopad 2024.
CISPR/TR 16-4-6	Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-6: Uncertainties, statistics and limit modelling – Statistics on radio frequency interference (RFI) and verification by measurements in the field	33.100.10; 33.100.20	listopad 2024.
IEC 60068-2-87	Environmental testing – Part 2-87: Tests – UV-C exposure of materials and components to simulate ultraviolet germicidal Irradiation or other applications	19.040	listopad 2024.
IEC 60317-27-1 AMD 1	Specifications for particular types of winding wires – Part 27-1: Paper tape covered round copper wire; Amendment 1	29.060.10	listopad 2024.
IEC 60317-27-1 Edition 1.1	Specifications for particular types of winding wires – Part 27-1: Paper tape covered round copper wire	29.060.10	listopad 2024.
IEC 60335-2-43	Household and similar electrical appliances – Safety – Part 2-43: Particular requirements for clothes dryers and towel rails	13.120; 97.060	listopad 2024.
IEC 60335-2-80	Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans	13.120; 23.120	listopad 2024.
IEC 60335-2-81	Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats	13.120; 97.030; 97.100.10	listopad 2024.
IEC 60335-2-82	Household and similar electrical appliances – Safety – Part 2-82: Particular requirements for amusement machines and personal service machines	97.180; 97.200.40; 97.200.99	listopad 2024.
IEC 60335-2-96	Household and similar electrical appliances – Safety – Part 2-96: Particular requirements for flexible sheet heating elements for room heating	13.120; 97.100.10	listopad 2024.
IEC 60335-2-101	Household and similar electrical appliances – Safety – Part 2-101: Particular requirements for vaporizers	13.120; 97.030; 97.180	listopad 2024.
IEC 60335-2-111	Household and similar electrical appliances – Safety – Part 2-111: Particular requirements for electric ondol-mattress with a non- flexible heated part	13.120; 97.030; 97.100.10; 97.140	listopad 2024.
IEC 60352-2	Solderless connections – Part 2: Crimped connections – General requirements, test methods and practical guidance	29.120.20; 31.220.10	listopad 2024.
IEC 60384-14 Corrigendum 1	Fixed capacitors for use in electronic equipment – Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains; Corrigendum 1	31.060.10	listopad 2024.
IEC 60601-2-34	Medical electrical equipment – Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment	11.040.55	listopad 2024.
IEC 60691 AMD 1	Thermal-links – Requirements and application guide; Amendment 1	29.120.50	listopad 2024.
IEC 60691 Edition 5.1	Thermal-links – Requirements and application guide	29.120.50	listopad 2024.
IEC 60721-2-2	Classification of environmental conditions – Part 2-2: Environmental conditions appearing in nature – Precipitation and wind	19.040	listopad 2024.
IEC 60721-3-1 Corrigendum 1	Classification of environmental conditions – Part 3-1: Classification of groups of environmental parameters and their severities – Storage; Corrigendum 1	19.040	listopad 2024.
IEC 60747-15	Semiconductor devices – Part 15: Discrete devices – Isolated power semiconductor devices	31.080.01; 31.080.99	listopad 2024.
IEC 60747-16-9	Semiconductor devices – Part 16-9: Microwave integrated circuits – Phase shifters	31.080.99	listopad 2024.
IEC 60891 Corrigendum 1	Photovoltaic devices – Procedures for temperature and irradiance corrections to measured I-V characteristics; Corrigendum 1	27.160	listopad 2024.
IEC 61010-2-201	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-201: Particular requirements for control equipment	17.020; 19.020; 25.040.40	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61340-4-9	Electrostatics – Part 4-9: Standard test methods for specific applications – Garments – Resistive characterization	13.340.10; 17.200.99; 17.220.20; 29.020	listopad 2024.
IEC 61340-6-1 AMD 1	Electrostatics – Part 6-1: Electrostatic control in healthcare, commercial and public facilities – Healthcare; Amendment 1	11.020.99; 11.040.01; 17.220.20; 17.220.99; 29.020	listopad 2024.
IEC 61340-6-1 Edition 1.1	Electrostatics – Part 6-1: Electrostatic control in healthcare, commercial and public facilities – Healthcare	11.020.99; 11.040.01; 17.220.20; 17.220.99; 29.020	listopad 2024.
IEC 61557-1 AMD 1	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 1: General requirements; Amendment 1	17.220.20; 29.080.01; 29.240.01	listopad 2024.
IEC 61557-1 Edition 3.1	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 1: General requirements	17.220.20; 29.080.01; 29.240.01	listopad 2024.
IEC 61557-10	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 10: Combined measuring equipment for testing, measuring and monitoring of protective measures	17.220.20; 29.080.01; 29.240.01	listopad 2024.
IEC 61730-2 Corrigendum 1	Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing; Corrigendum 1	27.160	listopad 2024.
IEC 61784-3-19	Industrial communication networks – Profiles – Part 3-19: Functional safety fieldbuses – Additional specifications for CPF 19	25.040.40; 35.100.05; 35.160; 35.240.50	listopad 2024.
IEC 61966-12-2	Multimedia systems and equipment – Colour measurement and management – Part 12-2: Simple metadata format for identification of colour gamut	17.180.20; 33.160.01; 33.160.40; 37.040.10	listopad 2024.
IEC 61987-1	Industrial- process measurement and control – Data structures and elements in process equipment catalogues – Part 1: Generic structures for measuring equipment	25.040.40; 35.240.50	listopad 2024.
IEC 62052-31	Electricity metering equipment – General requirements, tests and test conditions – Part 31: Product safety requirements and tests	19.080; 91.140.50	listopad 2024.
IEC 62305-2 Corrigendum 1	Protection against lightning – Part 2: Risk management; Corrigendum 1	91.120.40	listopad 2024.
IEC 62341-6-7	Organic light emitting diode (OLED) displays – Part 6-7: Measuring methods of optical characteristics for display with under- screen feature	31.260	listopad 2024.
IEC 62394	Service diagnostic interface for consumer electronics products and networks – Implementation for ECHONET	33.160.99; 35.110	listopad 2024.
IEC 62770	Fluids for electrotechnical applications – Unused natural esters for transformers and similar electrical equipment	29.040.01; 29.040.10	listopad 2024.
IEC 62841-2-3 AMD 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders; Amendment 1	25.140.20	listopad 2024.
IEC 62841-2-3 Edition 1.1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders	25.140.20	listopad 2024.
IEC 62841-2-6 Corrigendum 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-6: Particular requirements for hand-held hammers; Corrigendum 1	25.140.20	listopad 2024.
IEC 62841-3-8	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-8: Particular requirements for transportable single spindle vertical moulders	25.080.20; 25.140.20	listopad 2024.
IEC 62841-3-14 AMD 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-14: Particular requirements for transportable drain cleaners; Amendment 1	25.140.20	listopad 2024.
IEC 62841-3-14 Edition 1.1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-14: Particular requirements for transportable drain cleaners	25.140.20	listopad 2024.



Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62841-4-1 AMD 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-1: Particular requirements for chain saws; Amendment 1	25.140.20; 65.060.70; 65.060.80	listopad 2024.
IEC 62841-4-1 Edition 1.1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-1: Particular requirements for chain saws	25.140.20; 65.060.70; 65.060.80	listopad 2024.
IEC 62841-4-4 AMD 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws; Amendment 1	25.140.20; 65.060.70	listopad 2024.
IEC 62841-4-4 Edition 1.1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws	25.140.20; 65.060.70	listopad 2024.
IEC/TR 62899-303-2	Printed electronics – Part 303-2: Equipment – Sheet to sheet printing – Mechanical dimensions	19.080; 31.180; 37.100.10	listopad 2024.
IEC 62977-3-5 Corrigendum 1	Electronic displays – Part 3-5: Evaluation of optical performance – Colour capabilities; Corrigendum 1	31.120	listopad 2024.
IEC 63241-2-5	Electric motor-operated tools – Dust measurement procedure – Part 2-5: Particular requirements for hand-held circular saws	25.140.20	listopad 2024.
IEC 63241-2-11	Electric motor-operated tools – Dust measurement procedure – Part 2-11: Particular requirements for hand-held reciprocating saws	25.140.20	listopad 2024.
IEC 63339	Unified reference model for smart manufacturing	25.040.01; 35.240.50	listopad 2024.
IEC 63378-2-1	Thermal standardization on semiconductor packages – Part 2-1: 3D thermal simulation models of semiconductor packages for steady- state analysis – Discrete packages	31.080.01; 31.240	listopad 2024.
IEC 63391	Active millimetre-wave systems for security screening of humans – General requirements	13.280; 13.310; 17.240	listopad 2024.
IEC 63399	Household and similar electrical rice cookers – Methods for measuring the performance	97.040.20; 97.040.50	listopad 2024.
IEC/TR 63500	Unified power flow controller (UPFC) installations – System tests	29.200; 29.240.99	listopad 2024.
IEC SRD 63520	Smart cities – Application of IEC SRD 63235 – Concept system building for energy challenge	01.040.01; 13.020.20; 35.240.99; 91.020	listopad 2024.
ISO/IEC 9899	Information technology – Programming languages – C	35.060	listopad 2024.
ISO/IEC TS 12791	Information technology – Artificial intelligence – Treatment of unwanted bias in classification and regression machine learning tasks	35.020	listopad 2024.
ISO/IEC 14496-15	Information technology – Coding of audio-visual objects – Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format	35.040.40	listopad 2024.
ISO/IEC 14882	Programming languages – C++	35.060	listopad 2024.
ISO/IEC 15045-3-2	Information technology – Home Electronic System (HES) gateway – Part 3-2: Privacy, security, and safety – Privacy framework	35.240.99; 97.120	listopad 2024.
ISO/IEC TS 18013-7	Personal identification – ISO-compliant driving licence – Part 7: Mobile driving licence (mDL) add-on functions	35.240.15	listopad 2024.
ISO/IEC 19075-10	Information technology – Guidance for the use of database language SQL – Part 10: SQL model (Guide/Model)	35.060	listopad 2024.
ISO/IEC 19795-10	Information technology – Biometric performance testing and reporting – Part 10: Quantifying biometric system performance variation across demographic groups	35.240.15	listopad 2024.
ISO/IEC TR 20000-17	Information technology – Service management – Part 17: Scenarios for the practical application of service management systems based on ISO/IEC 20000-1:2018	03.080.99; 35.020	listopad 2024.
ISO/IEC 20248 AMD 1	Information technology – Automatic identification and data capture techniques – Digital signature data structure schema – Amendment 1: Domain authority identifier (DAID) specification for the GS1 legal entity identifier and encoding clarifications	35.040.50	listopad 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 23002-7	Information technology – MPEG video technologies – Part 7: Versatile supplemental enhancement information messages for coded video bitstreams	35.040.40	listopad 2024.
ISO/IEC 24772-1	Programming languages – Avoiding vulnerabilities in programming languages – Part 1: Language-independent catalogue of vulnerabilities	35.060	listopad 2024.
ISO/IEC TR 25219	Personal identification – ISO-compliant driving licence – Considerations for early adopters of ISO/IEC 18013-7	35.240.15	listopad 2024.
ISO/IEC 26131	Information technology – OpenID connect – OpenID connect core 1.0 incorporating errata set 2	35.030	listopad 2024.
ISO/IEC 26132	Information technology – OpenID connect – OpenID connect discovery 1.0 incorporating errata set 2	35.030	listopad 2024.
ISO/IEC 26133	Information technology – OpenID connect – OpenID connect dynamic client registration 1.0 incorporating errata set 2	35.030	listopad 2024.
ISO/IEC 26134	Information technology – OpenID connect – OpenID connect RP-initiated logout 1.0	35.030	listopad 2024.
ISO/IEC 26135	Information technology – OpenID connect – OpenID connect session management 1.0	35.030	listopad 2024.
ISO/IEC 26136	Information technology – OpenID connect – OpenID connect front-channel logout 1.0	35.030	listopad 2024.
ISO/IEC 26137	Information technology – OpenID connect – OpenID connect back-channel logout 1.0 incorporating errata set 1	35.030	listopad 2024.
ISO/IEC 26138	Information technology – OpenID connect – OAuth 2.0 multiple response type encoding practices	35.030	listopad 2024.
ISO/IEC 26139	Information technology – OpenID connect – OAuth 2.0 form post response mode	35.030	listopad 2024.
ISO/IEC 27019	Information security, cybersecurity and privacy protection – Information security controls for the energy utility industry	35.030	listopad 2024.
ISO/IEC TR 33022	Information technology – Process assessment – Application of ISO/IEC/IEEE 12207 processes to the ISO/IEC 33020 process capability measurement scale	35.080	listopad 2024.
ISO/IEC TR 33023	Information technology – Process assessment – Application of ISO/IEC TS 33073 processes to the ISO/IEC 33020 process capability measurement scale	35.080	listopad 2024.
ISO/IEC/IEEE 41062	Software engineering – Life cycle processes – Software acquisition	35.080	listopad 2024.
IEC 63339	Unified reference model for smart manufacturing	25.040.01; 35.240.50	listopad 2024.