

# Hrvatski zavod za norme

## Oglasnik za normativne dokumente

12/2022

31. prosinca 2022.

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

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

Izdavač:



HZN

**Hrvatski zavod za norme**  
Croatian Standards Institute

## Sadržaj:

<b>1</b>	<b>Rezultati hrvatske normizacije</b>	A3
1.1	Hrvatske norme	A3
1.2	Nacrti hrvatskih norma	
1.3	Prijedlozi za prihvaćanje stranih norma u izvorniku	A11
1.4	Povučene hrvatske norme	A17
1.5	Povučeni nacrti hrvatskih norma	
1.6	Ispravci hrvatskih norma	A22
1.7	Naslovi objavljenih hrvatskih norma na hrvatskome jeziku	A23
1.8	Drugi normativni dokumenti	
1.9	Opća izdanja HZN-a	
1.10	Prijevod hrvatskih normativnih dokumenata	A31
<b>2</b>	<b>Rezultati međunarodne i europske normizacije</b>	A32

# 1 Rezultati hrvatske normizacije

## 1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

### HZN/TO 6, *Papir, karton i pulpe*

HRN EN ISO 187:2022 en pr  
Papir, karton i pulpe – Standardni klimatski uvjeti za održavanje i ispitivanje te postupak za praćenje klimatskih uvjeta i održavanje uzoraka u takvim uvjetima (ISO 187:2022; EN ISO 187:2022)  
Paper, board and pulps – Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples (ISO 187:2022; EN ISO 187:2022)

HRN EN ISO 3037:2022 en pr  
Valoviti karton – Određivanje otpornosti brida na pritisak (metoda nevoštanog brida) (metoda ECT) (ISO 3037:2022; EN ISO 3037:2022)  
Corrugated fibreboard – Determination of edgewise crush resistance (non-waxed edge method) (ISO 3037:2022; EN ISO 3037:2022)

### HZN/TO 8, *Brodogradnja*

HRN EN ISO 15083:2020/A1:2022 en pr  
Mala plovila – Sustavi za pražnjenje kaljuže (ISO 15083:2020/Amd 1:2022; EN ISO 15083:2020/A1:2022)  
Small craft – Bilge-pumping systems (ISO 15083:2020/Amd 1:2022; EN ISO 15083:2020/A1:2022)

### HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 7278-2:2022 en pr  
Sustavi za mjerenje nafte – 2. dio: Projektiranje, ispitivanje i rad sustava za provjeru cijevi (ISO 7278-2:2022; EN ISO 7278-2:2022)  
Petroleum measurement systems – Part 2: Pipe prover design, calibration and operation (ISO 7278-2:2022; EN ISO 7278-2:2022)

### HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 7301:2022 en pr  
Riža – Specifikacija (ISO 7301:2021; EN ISO 7301:2022)  
Rice – Specification (ISO 7301:2021; EN ISO 7301:2022)

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

HRN EN ISO 10447:2022 en pr  
Elektrotopno zavarivanje – Ispitivanje zavara – Ispitivanje točkastih i bradavičastih zavara ljuštenjem i razdvajanjem klinom (ISO 10447:2022; EN ISO 10447:2022)  
Resistance welding – Testing of welds – Peel and chisel testing of resistance spot and projection welds (ISO 10447:2022; EN ISO 10447:2022)

HRN EN ISO 12153:2022 en pr  
Dodatni i potrošni materijali za zavarivanje – Elektrode od žice punjene praškom za elektrolučno zavarivanje nikla i legura nikla, sa i bez zaštite plinom – Razredba (ISO 12153:2022; EN ISO 12153:2022)  
Welding consumables – Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys – Classification (ISO 12153:2022; EN ISO 12153:2022)

HRN EN 14700:2022 en pr  
Dodatni i potrošni materijali za zavarivanje – Dodatni materijali za tvrdo navarivanje (EN 14700:2022)  
Welding consumables – Welding consumables for hard-facing (EN 14700:2022)

HRN EN ISO 15615:2022 en pr  
Oprema za plinsko zavarivanje – Acetilenski razdjelni sustavi za zavarivanje, rezanje i srodne postupke – Sigurnosni zahtjevi za visokotlačne uređaje (ISO 15615:2022; EN ISO 15615:2022)  
Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – Safety requirements in high-pressure devices (ISO 15615:2022; EN ISO 15615:2022)

### HZN/TO 71, *Beton*

HRN EN 14487-1:2022 en pr  
Mlazni beton – 1. dio: Definicije, specifikacije i sukladnost (EN 14487-1:2022)  
Sprayed concrete – Part 1: Definitions, specifications and conformity (EN 14487-1:2022)

### HZN/TO 92, *Zaštita od požara*

HRN EN 15269-3:2022 en pr  
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 3. dio: Otpornost na požar zaokretnih drvenih vrata i prozora s drvenim okvirima koji se mogu otvarati (EN 15269-3:2022)  
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 3: Fire resistance of hinged and pivoted timber doorsets and openable timber framed windows (EN 15269-3:2022)

HRN EN 17020-1:2022 en pr  
Proširena primjena rezultata ispitivanja trajnosti samozatvaranja za vrata i prozore koji se mogu otvarati otpornih na požar i/ili s kontrolom propusnosti dima – 1. dio: Trajnost samozatvaranja zaokretnih i okretnih čeličnih vrata (EN 17020-1:2022)  
Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows – Part 1: Durability of self-closing of hinged and pivoted steel doorsets (EN 17020-1:2022)

HRN EN 17020-3:2022 en pr  
Proširena primjena rezultata ispitivanja trajnosti samozatvaranja za vrata i prozore koji se mogu otvarati otpornih na požar i/ili s kontrolom propusnosti dima – 3. dio: Trajnost samozatvaranja čeličnih kliznih vrata (EN 17020-3:2022)  
Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows – Part 3: Durability of self-closing of steel sliding doorsets (EN 17020-3:2022)

### HZN/TO 120, *Koža i obuća*

HRN EN ISO 19410-1:2022 en pr  
Veličina obuće – Mjerenje unutrašnjosti obuće – 1. dio: Dužina obuće (ISO 19410-1:2022; EN ISO 19410-1:2022)  
Footwear sizing – Inshoe measurement – Part 1: Shoe length (ISO 19410-1:2022; EN ISO 19410-1:2022)

## HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 12580:2022 en pr  
Poboljšivači tla i supstrati – Određivanje količine (EN 12580:2022)  
Soil improvers and growing media – Determination of a quantity (EN 12580:2022)

HRN EN 15238:2022 en pr  
Poboljšivači tla i supstrati – Određivanje količine materijala s česticama većim od 60 mm (EN 15238:2022)  
Soil improvers and growing media – Determination of quantity for materials with particle size greater than 60 mm (EN 15238:2022)

## HZN/TO 136, Namještaj

HRN EN 1335-1:2022 en pr  
Uredski namještaj – Uredske radne stolice – 1. dio: Dimenzije – Određivanje dimenzija (EN 1335-1:2020+A1:2022)  
Office furniture – Office work chair – Part 1: Dimensions – Determination of dimensions (EN 1335-1:2020+A1:2022)

HRN EN 17737:2022 en pr  
Okov za namještaj – Metode ispitivanja i ocjene otpornosti okova za namještaj na koroziju (EN 17737:2022)  
Hardware for furniture – Test and evaluation methods for the corrosion resistance of furniture fittings (EN 17737:2022)

## HZN/TO 146, Kvaliteta zraka

HRN ISO 8518:2022 en pr  
Zrak u radnom prostoru – Određivanje olova i spojeva olova u lebdećim česticama – Metoda plamene ili elektrotermičke spektrometrije atomske apsorpcije (ISO 8518:2022)  
Workplace air – Determination of particulate lead and lead compounds – Flame and electrothermal atomic absorption spectrometric methods (ISO 8518:2022)

## HZN/TO 163, Toplinska izolacija

HRN EN ISO 29466:2022 en pr  
Toplinsko-izolacijski proizvodi za primjenu u građevinarstvu – Određivanje debljine (ISO 29466:2022; EN ISO 29466:2022)  
Thermal insulating products for building applications – Determination of thickness (ISO 29466:2022; EN ISO 29466:2022)

HRN EN ISO 29469:2022 en pr  
Toplinsko-izolacijski proizvodi za primjenu u građevinarstvu – Određivanje ponašanja pri tlačnom opterećenju (ISO 29469:2022; EN ISO 29469:2022)  
Thermal insulating products for building applications – Determination of compression behaviour (ISO 29469:2022; EN ISO 29469:2022)

HRN EN ISO 29766:2022 en pr  
Toplinsko-izolacijski proizvodi za primjenu u građevinarstvu – Određivanje vlačne čvrstoće u ravnini ploče (ISO 29766:2022; EN ISO 29766:2022)  
Thermal insulating products for building applications – Determination of tensile strength parallel to faces (ISO 29766:2022; EN ISO 29766:2022)

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

HRN EN 1888-2:2022 en pr  
Proizvodi za dojenčad i malu djecu – Dječja kolica – 2. dio: Sklopiva kolica za djecu između 15 i 22 kg težine (EN 1888-2:2018+A1:2022)  
Child care articles – Wheeled child conveyances – Part 2: Pushchairs for children above 15 kg up to 22 kg (EN 1888-2:2018+A1:2022)

## HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19131:2022 en pr  
Geoinformacije – Specifikacije podatkovnih proizvoda (ISO 19131:2022; EN ISO 19131:2022)  
Geographic information – Data product specifications (ISO 19131:2022; EN ISO 19131:2022)

## HZN/TO 215, Zdravstvena informatika

HRN EN ISO 13131:2022 en pr  
Zdravstvena informatika – Usluge zdravstva na daljinu – Smjernice za planiranje kvalitete (ISO 13131:2021; EN ISO 13131:2022)  
Health informatics – Telehealth services – Quality planning guidelines (ISO 13131:2021; EN ISO 13131:2022)

## HZN/TO 218, Drvo

HRN EN 12037:2022 en pr  
Sredstva za zaštitu drva – Metoda ispitivanja na otvorenom za određivanje zaštitne učinkovitosti sredstva za zaštitu izloženog drva bez dodira sa zemljom – Metoda ispitivanja horizontalnih preklopnih spojeva (EN 12037:2022)  
Wood preservatives – Field test method for determining the relative protective effectiveness of a wood preservative exposed out of ground contact – Horizontal lap-joint method (EN 12037:2022)

## HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 18122:2022 en pr  
Čvrsta biogoriva – Određivanje udjela pepela (ISO 18122:2022; EN ISO 18122:2022)  
Solid biofuels – Determination of ash content (ISO 18122:2022; EN ISO 18122:2022)

## HZN/TO 301, Upravljanje energijom i ušteda energije

HRN EN 17669:2022 en pr  
Ugovori o energetskom učinku (EPC) – Minimalni zahtjevi (EN 17669:2022)  
Energy Performance Contracting – Minimum requirements (EN 17669:2022)

## HZN/TO 502, Plinski uređaji

HRN EN 298:2022 en pr  
Automatski regulacijski (upravljački) sustavi za plamenike i uređaje za plinovita ili tekuća goriva (EN 298:2022)  
Automatic burner control systems for burners and appliances burning gaseous or liquid fuels (EN 298:2022)

HRN EN 676:2020/Ispr.1:2022 en pr  
Pretlačni plamenici za plinovita goriva (EN 676:2020/AC:2022)  
Forced draught burners for gaseous fuels (EN 676:2020/AC:2022)

HRN EN 1643:2022 en pr  
Sigurnosni i regulacijski uređaji za plamenike i uređaje na plinska i/ili tekuća goriva – Sustavi za provjeru ventila za automatske zaporne ventile (EN 1643:2022)  
Safety and control devices for burners and appliances burning gaseous and/or liquid fuels – Valve proving systems for automatic shut-off valves (EN 1643:2022)

HRN EN 12067-2:2022 en pr  
Sigurnosni i regulacijski uređaji za plamenike i uređaje na plinska ili tekuća goriva – Regulacijske funkcije u elektroničkim sustavima – 2. dio: Elektronička regulacija/nadzor omjera goriva i zraka (EN 12067-2:2022)  
Safety and control devices for burners and appliances burning gaseous or liquid fuels – Control functions in electronic systems – Part 2: Fuel/air ratio control/supervision of the electronic type (EN 12067-2:2022)

## HZN/TO 503, Metalni materijali

HRN EN ISO 1179-2:2022 en pr  
Priključci za opću upotrebu i namjenu u hidraulici – Navojni otvori i navojni čepovi s navojima ISO 228-1 s elastomernim brtvljenjem ili brtvljenjem metal na metal – 2. dio: Navojni čepovi za teške uvjete rada (S niz) i lake uvjete rada (L niz) s elastomernim brtvljenjem (tip E) (ISO 1179-2:2022; EN ISO 1179-2:2022)  
Connections for general use and fluid power – Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing – Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E) (ISO 1179-2:2022; EN ISO 1179-2:2022)

HRN EN 10025-4:2022 en pr  
Toplo valjani proizvodi od konstrukcijskih čelika – 4. dio:  
Tehnički uvjeti isporuke za termomehanički valjane zavarljive  
sitnozrnate konstrukcijske čelike (EN 10025-4:2019+A1:2022)  
Hot rolled products of structural steels – Part 4: Technical  
delivery conditions for thermomechanical rolled weldable fine  
grain structural steels (EN 10025-4:2019+A1:2022)

HRN EN 10025-6:2022 en pr  
Toplo valjani proizvodi od konstrukcijskih čelika – 6. dio:  
Tehnički uvjeti isporuke za plosnate proizvode od  
konstrukcijskih čelika s visokom granicom razvlačenja u  
poboljšanom stanju (EN 10025-6:2019+A1:2022)  
Hot rolled products of structural steels – Part 6: Technical  
delivery conditions for flat products of high yield strength  
structural steels in the quenched and tempered condition  
(EN 10025-6:2019+A1:2022)

HRN EN ISO 14284:2022 en pr  
Čelik i željezo – Uzorkovanje i priprema uzoraka za  
određivanje kemijskog sastava (ISO 14284:2022;  
EN ISO 14284:2022)  
Steel and iron – Sampling and preparation of samples for  
the determination of chemical composition (ISO 14284:2022;  
EN ISO 14284:2022)

### **HZN/TO 504, Korozija i zaštita metala i legura**

HRN EN ISO 4530:2022 en pr  
Proizvodi od staklastog i porculanskog emajla – Određivanje  
otpornosti na toplinu (ISO 4530:2022; EN ISO 4530:2022)  
Vitreous and porcelain enamelled manufactured articles  
– Determination of resistance to heat (ISO 4530:2022;  
EN ISO 4530:2022)

HRN EN ISO 6769:2022 en pr  
Staklasti i porculanski emajli – Određivanje površinske  
tvrdoće prema Mohsu (ISO 6769:2022; EN ISO 6769:2022)  
Vitreous and porcelain enamels – Determination of  
surface scratch hardness according to the Mohs scale  
(ISO 6769:2022; EN ISO 6769:2022)

HRN EN ISO 9227:2022 en pr  
Ispitivanje korozije u umjetnoj atmosferi – Metoda ispitivanja  
u slanoj komori (ISO 9227:2022; EN ISO 9227:2022)  
Corrosion tests in artificial atmospheres – Salt spray tests  
(ISO 9227:2022; EN ISO 9227:2022)

HRN EN ISO 10062:2022 en pr  
Ispitivanje korozije u umjetnoj atmosferi pri vrlo niskim  
koncentracijama plinovitog (plinovitih) onečišćenja  
(ISO 10062:2022; EN ISO 10062:2022)  
Corrosion tests in artificial atmosphere at very low  
concentrations of polluting gas(es) (ISO 10062:2022;  
EN ISO 10062:2022)

HRN EN ISO 14571:2022 en pr  
Metalne prevlake na nemetalnim osnovnim materijalima  
– Mjerenje debljine prevlaka – Mikrootporna metoda  
(ISO 14571:2020; EN ISO 14571:2022)  
Metallic coatings on non-metallic basis materials  
– Measurement of coating thickness – Micro-resistivity  
method (ISO 14571:2020; EN ISO 14571:2022)

HRN EN ISO 16866:2022 en pr  
Metalne i druge anorganske prevlake – Simultano određivanje  
debljine i potencijala elektrode pojedinih slojeva pri višeslojnim  
nanosima nikla (STEP ispitivanje) (ISO 16866:2020;  
EN ISO 16866:2022)  
Metallic and other inorganic coatings – Simultaneous thickness  
and electrode potential determination of individual layers in  
multilayer nickel deposits (STEP test) (ISO 16866:2020;  
EN ISO 16866:2022)

HRN EN ISO 23131:2022 en pr  
Elipsometrija – Načela (ISO 23131:2021; EN ISO 23131:2022)  
Ellipsometry – Principles (ISO 23131:2021; EN ISO 23131:2022)

HRN EN ISO 23216:2022 en pr  
Filmovi na bazi ugljika – Određivanje optičkih svojstava  
filmova amorfnog ugljika spektroskopskom elipsometrijom  
(ISO 23216:2021; EN ISO 23216:2022)  
Carbon based films – Determination of optical properties  
of amorphous carbon films by spectroscopic ellipsometry  
(ISO 23216:2021; EN ISO 23216:2022)

HRN EN ISO 28765:2022 en pr  
Staklasti i porculanski emajli – Projektiranje čeličnih  
spremnika spojenih vijcima za skladištenje ili obradu vode ili  
komunalnih ili industrijskih ispusta i mulja (ISO 28765:2022;  
EN ISO 28765:2022)  
Vitreous and porcelain enamels – Design of bolted steel tanks  
for the storage or treatment of water or municipal or industrial  
effluents and sludges (ISO 28765:2022; EN ISO 28765:2022)

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

HRN EN ISO 13704:2022 en pr  
Industrija nafte, petrokemije i prirodnog plina – Proračun  
debljine stijenke cijevi u procesnim pećima u rafinerijama  
nafte (ISO 13704:2022; EN ISO 13704:2022)  
Petroleum, petrochemical and natural gas industries  
– Calculation of heater-tube thickness in petroleum refineries  
(ISO 13704:2022; EN ISO 13704:2022)

### **HZN/TO 515, Žičare, uspinjače i vučnice**

HRN EN 12929-1:2022 en pr  
Sigurnosni zahtjevi za žičare za prijevoz osoba  
– Opći zahtjevi – 1. dio: Zahtjevi za sva postrojenja  
(EN 12929-1:2015+A1:2022)  
Safety requirements for cableway installations designed to  
carry persons – General requirements – Part 1: Requirements  
for all installations (EN 12929-1:2015+A1:2022)

HRN EN 13796-3:2022 en pr  
Sigurnosni zahtjevi za žičare za prijevoz osoba – Vozila – 3. dio:  
Ispitivanje zamora materijala (EN 13796-3:2017+A1:2022)  
Safety requirements for cableway installations designed  
to carry persons – Carriers – Part 3: Fatigue tests  
(EN 13796-3:2017+A1:2022)

### **HZN/TO 521, Usluge održavanja**

HRN EN 17666:2022 en pr  
Održavanje – Inženjerstvo održavanja – Zahtjevi (EN 17666:2022)  
Maintenance – Maintenance engineering – Requirements  
(EN 17666:2022)

### **HZN/TO 522, Gospodarenje otpadom i karakterizacija mulja**

HRN ISO 24161:2022 en pr  
Skupljanje i prijevoz otpada – Terminološki rječnik  
(ISO 24161:2022)  
Waste collection and transportation management – Vocabulary  
(ISO 24161:2022)

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

HRN EN 12896-10:2022 en pr  
Javni prijevoz – Referentni model podataka – 10. dio: Drugi  
načini prijevoza (EN 12896-10:2022)  
Public transport – Reference data model – Part 10: Alternative  
Modes (EN 12896-10:2022)

HRN EN 15531-2:2022 en pr  
Javni prijevoz – Sučelje servisa za informiranje o statusu  
javnoga prijevoza u realnom vremenu – 2. dio: Komunikacijska  
infrastruktura (EN 15531-2:2022)  
Public transport – Service interface for real-time  
information relating to public transport operations – Part 2:  
Communications infrastructure (EN 15531-2:2022)



## **HZN/TO 525, Hidroizolacijski materijali i proizvodi za pokrivanje krovova**

HRN EN 14437:2022 en pr  
Određivanje otpora odizanju položenih glinenih ili betonskih crjepova – Metoda ispitivanja za krovne sustave (EN 14437:2022)  
Determination of the uplift resistance of installed clay or concrete tiles for roofing – Roof system test method (EN 14437:2022)

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

HRN EN 12846-1:2022 en pr  
Bitumen i bitumenska veziva – Određivanje vremena istjecanja viskozimetrom za istjecanje – 1. dio: Bitumenske emulzije (EN 12846-1:2022)  
Bitumen and bituminous binders – Determination of efflux time by the efflux viscometer – Part 1: Bituminous emulsions (EN 12846-1:2022)

HRN EN 12846-2:2022 en pr  
Bitumen i bitumenska veziva – Određivanje vremena istjecanja viskozimetrom za istjecanje – 2. dio: Razrijeđena i omekšana bitumenska veziva (EN 12846-2:2022)  
Bitumen and bituminous binders – Determination of efflux time by the efflux viscometer – Part 2: Cut-back and fluxed bituminous binders (EN 12846-2:2022)

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

HRN EN 15085-3:2022 en pr  
Željeznički sustav – Zavarivanje željezničkih vozila i sastavnih dijelova – 3. dio: Zahtjevi za projektiranje (EN 15085-3:2022)  
Railway applications – Welding of railway vehicles and components – Part 3: Design requirements (EN 15085-3:2022)

HRI CEN/TR 17469:2022 en pr  
Željeznički sustav – Metoda projektiranja osovina (CEN/TR 17469:2020)  
Railway applications – Axle design method (CEN/TR 17469:2020)

HRI CEN/TR 17833:2022 en pr  
Željeznički sustav – Upute za upotrebu simulacija – Upute za upotrebu simulacija za dokazivanje usklađenosti s tehničkim i regulatornim zahtjevima te uvođenje i razvoj simulacijskih zahtjeva u normama (CEN/TR 17833:2022)  
Railway applications – Guidance for the use of simulations – Guidance for the use of simulations to demonstrate compliance with technical and regulatory requirements and on the introduction and development of simulation requirements into standards (CEN/TR 17833:2022)

HRS CEN/TS 17843:2022 en pr  
Željeznički sustav – Ispitivanja vozila za određivanje opterećenja kolosijeka u zavojima polumjera ispod 250 m (CEN/TS 17843:2022)  
Railway applications – Investigations on vehicles to quantify track loading in curve radii below 250 m (CEN/TS 17843:2022)

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

HRN EN 1493:2022 en pr  
Dizala za vozila (EN 1493:2022)  
Vehicle lifts (EN 1493:2022)

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

HRN EN ISO 7623:2022 en pr  
Transportne trake s čeličnom užadi – Ispitivanje veze užadi i obloge – Početno ispitivanje i ispitivanje nakon toplinske obrade (ISO 7623:2022; EN ISO 7623:2022)  
Steel cord conveyor belts – Cord-to-coating bond test – Initial test and after thermal treatment (ISO 7623:2022; EN ISO 7623:2022)

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

HRN EN ISO 306:2022 en pr  
Plastika – Plastomerni materijali – Određivanje temperature omekšavanja po Vicatu (VST) (ISO 306:2022; EN ISO 306:2022)  
Plastics – Thermoplastic materials – Determination of Vicat softening temperature (VST) (ISO 306:2022; EN ISO 306:2022)

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

HRN EN 17635:2022 en pr  
Staklo u graditeljstvu – Svojstva loma – Zahtjevi i metode ocjenjivanja (EN 17635:2022)  
Glass in building – Shatter properties – Requirements and assessment methods (EN 17635:2022)

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

HRN EN 303-5:2022 en pr  
Toplovodni kotlovi – 5. dio: Kotlovi na kruto gorivo, ručno i automatski loženi, nazivne toplinske snage do 500 kW – Nazivlje, zahtjevi, ispitivanje i označavanje (EN 303-5:2021+A1:2022)  
Heating boilers – Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW – Terminology, requirements, testing and marking (EN 303-5:2021+A1:2022)

HRN EN 12098-1:2022 en pr  
Energetska svojstva zgrada – Upravljanje sustavima grijanja – 1. dio: Oprema za upravljanje sustavima toplovodnog grijanja – Moduli M3-5,6,7,8 (EN 12098-1:2022)  
Energy performance of buildings – Controls for heating systems – Part 1: Control equipment for hot water heating systems – Modules M3-5, 6, 7, 8 (EN 12098-1:2022)

HRN EN 12098-3:2022 en pr  
Energetska svojstva zgrada – Upravljanje sustavima grijanja – 3. dio: Oprema za upravljanje sustavima električnog grijanja – Moduli M3-5,6,7,8 (EN 12098-3:2022)  
Energy performance of buildings – Controls for heating systems – Part 3: Control equipment for electrical heating systems – Modules M3-5,6,7,8 (EN 12098-3:2022)

HRN EN 14908-6:2022 en pr  
Otvorena podatkovna komunikacija za automatizaciju zgrada, nadzor i upravljanje zgradama – Protokol za mrežno upravljanje – 6. dio: Elementi primjene (EN 14908-6:2022)  
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 6: Application elements (EN 14908-6:2022)

## **HZN/TO 548, Konstrukcijski eurokodovi**

HRS CEN/TS 1993-1-101:2022 en pr  
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-101: Alternativna metoda interakcije za elemente izložene savijanju i tlaku (CEN/TS 1993-1-101:2022)  
Eurocode 3: Design of steel structures – Part 1-101: Alternative interaction method for members in bending and compression (CEN/TS 1993-1-101:2022)

HRN EN 1993-1-1:2022 en pr  
Eurokod 3 – Projektiranje čeličnih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade (EN 1993-1-1:2022)  
Eurocode 3 – Design of steel structures – Part 1-1: General rules and rules for buildings (EN 1993-1-1:2022)

HRS CEN/TS 19101:2022 en pr  
Proračun konstrukcija od vlaknasto polimernih kompozitnih materijala (CEN/TS 19101:2022)  
Design of fibre-polymer composite structures (CEN/TS 19101:2022)

## **HZN/TO 550, Opskrba vodom**

HRI CEN/TR 17801:2022 en pr  
Smjernice za planove sigurnosti vode u zgradama (CEN/TR 17801:2022)  
Guidelines for water safety plan concept in buildings (CEN/TR 17801:2022)

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

HRN EN 17632-1:2022 en pr  
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)

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

HRN EN ISO 10993-2:2022 en pr  
Biološka procjena medicinskih proizvoda – 2. dio: Zahtjevi za životinjsku skrb (ISO 10993-2:2022; EN ISO 10993-2:2022)  
Biological evaluation of medical devices – Part 2: Animal welfare requirements (ISO 10993-2:2022; EN ISO 10993-2:2022)

HRN EN ISO 11140-6:2022 en pr  
Sterilizacija medicinskih proizvoda – Kemijski indikatori – 6. dio: Indikatori tipa 2 i uređaji za ispitivanje postupka za uporabu pri ispitivanju svojstava malih parnih sterilizatora (ISO 11140-6:2022; EN ISO 11140-6:2022)  
Sterilization of health care products – Chemical indicators – Part 6: Type 2 indicators and process challenge devices for use in performance testing of small steam sterilizers (ISO 11140-6:2022; EN ISO 11140-6:2022)

HRN EN ISO 14644-4:2022 en pr  
Čisti prostori i odgovarajući kontrolirani okoliš – 4. dio: Projektiranje, izvedba i pokretanje (ISO 14644-4:2022; EN ISO 14644-4:2022)  
Cleanrooms and associated controlled environments – Part 4: Design, construction and start-up (ISO 14644-4:2022; EN ISO 14644-4:2022)

HRN EN ISO 15189:2022 en pr  
Medicinski laboratoriji – Zahtjevi za kvalitetu i osposobljenost (ISO 15189:2022; EN ISO 15189:2022)  
Medical laboratories – Requirements for quality and competence (ISO 15189:2022; EN ISO 15189:2022)

HRN EN ISO 80369-3:2016/A1:2022 en pr  
Spojnici malog promjera za tekućine i plinove za primjenu u zdravstvu – 3. dio: Spojnici za enteralnu primjenu (ISO 80369-3:2016/Amd 1:2019; EN ISO 80369-3:2016/A1:2022)  
Small-bore connectors for liquids and gases in healthcare applications – Part 3: Connectors for enteral applications (ISO 80369-3:2016/Amd 1:2019; EN ISO 80369-3:2016/A1:2022)

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

HRN EN ISO 10497:2022 en pr  
Ispitivanje zapornih uređaja – Zahtjevi za ispitivanje tipa otpornosti na požar (ISO 10497:2022; EN ISO 10497:2022)  
Testing of valves – Fire type-testing requirements (ISO 10497:2022; EN ISO 10497:2022)

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

HRN EN 17534:2022 en pr  
Tekstil – Fiziološki učinci – Mjerenje transporta i puferiranja tekućeg znoja (EN 17534:2022)  
Textiles – Physiological effects – Measurement of liquid sweat transport and buffering (EN 17534:2022)

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

HRN EN 16923:2022 en pr  
Hrana – Određivanje T-2 i HT-2 toksina u žitaricama i hrani na bazi žitarica za dojenčad i malu djecu pročišćavanjem pomoću SPE i HPLC-MS/MS tehnikom (EN 16923:2022)  
Foodstuffs – Determination of T-2 toxin and HT-2 toxin in cereals and cereal products for infants and young children by SPE clean up and HPLC-MS/MS (EN 16923:2022)

HRN EN ISO 22753:2022 en pr  
Analiza molekularnih biomarkera – Metoda za statističku procjenu analitičkih rezultata dobivenih ispitivanjem poduzoraka genetski modificiranog sjemena i žitarica – Opći zahtjevi (ISO 22753:2021, ispravljena verzija 2022-11; EN ISO 22753:2022)  
Molecular biomarker analysis – Method for the statistical evaluation of analytical results obtained in testing sub-sampled groups of genetically modified seeds and grains – General requirements (ISO 22753:2021, Corrected version 2022-11; EN ISO 22753:2022)

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

HRN EN ISO 23659:2022 en pr  
Građevine za sport i rekreaciju – Trampolin parkovi – Sigurnosni zahtjevi (ISO 23659:2022; EN ISO 23659:2022)  
Sports and recreational facilities – Trampoline parks – Safety requirements (ISO 23659:2022; EN ISO 23659:2022)

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

HRN EN ISO 22361:2022 en pr  
Sigurnost i otpornost – Upravljanje krizama – Smjernice za razvoj strateških sposobnosti (ISO 22361:2022; EN ISO 22361:2022)  
Security and resilience – Crisis management – Guidelines for a strategic capability (ISO 22361:2022; EN ISO 22361:2022)

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

HRN EN IEC 60867:2022 en pr  
Izolacijske tekućine – Specifikacije za nove izolacijske tekućine na bazi sintetskih aromatskih ugljikovodika (IEC 60867:2022; EN IEC 60867:2022)  
Insulating liquids – Specifications for unused liquids based on synthetic aromatic hydrocarbons (IEC 60867:2022; EN IEC 60867:2022)

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

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

## **HZN/TO E22, Energetska elektronika**

HRN EN 61975:2011/A2:2022 en pr  
Instalacije istosmjernje struje visokog napona (HVDC) – Ispitivanja sustava (IEC 61975:2010/am2:2022; EN 61975:2010/A2:2022)  
High-voltage direct current (HVDC) installations – System tests (IEC 61975:2010/am2:2022; EN 61975:2010/A2:2022)

## **HZN/TO E23, Električni instalacijski pribor**

HRN EN IEC 60309-1:2022 en pr  
Utikači, fiksne i prijenosne utičnice i spojnice na aparatima za industrijske svrhe – 1. dio: Opći zahtjevi (IEC 60309-1:2021; EN IEC 60309-1:2022)  
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes – Part 1: General requirements (IEC 60309-1:2021; EN IEC 60309-1:2022)

HRN EN IEC 60309-2:2022 en pr  
Utikači, fiksne i prijenosne utičnice i spojnice na aparatima za industrijske svrhe – 2. dio: Zahtjevi za dimenzionalnu kompatibilnost za šiljke i kontaktne kopče (čahure) (IEC 60309-2:2021; EN IEC 60309-2:2022)  
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes – Part 2: Dimensional compatibility requirements for pin and contact-tube accessories (IEC 60309-2:2021; EN IEC 60309-2:2022)

HRN EN IEC 60309-4:2022 en pr  
Utikači, fiksne i prijenosne utičnice i spojnice na aparatima za industrijske svrhe – 4. dio: Utičnice i utični pribor sa sklopkom sa ili bez zaključavanja (IEC 60309-4:2021; EN IEC 60309-4:2022)  
Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes – Part 4: Switched socket-outlets with or without interlock (IEC 60309-4:2021; EN IEC 60309-4:2022)

HRN EN 60320-3:2015/A2:2022 en pr  
Aparatni utični pribor za kućanstvo i slične opće svrhe – 3. dio: Normni listovi i granična mjerila (IEC 60320-3:2014/am2:2022; EN 60320-3:2014/A2:2022)  
Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges (IEC 60320-3:2014/am2:2022; EN 60320-3:2014/A2:2022)

HRN EN IEC 62196-1:2022 en pr  
Utikači, utičnice, spojevi i spojnice na vozilima – Kontaktno punjenje električnih vozila – 1. dio: Opći zahtjevi (IEC 62196-1:2022; EN IEC 62196-1:2022)  
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements (IEC 62196-1:2022; EN IEC 62196-1:2022)

HRN EN IEC 62196-2:2022 en pr  
Utikači, utičnice, spojevi i spojnice na vozilima – Kontaktno punjenje električnih vozila – 2. dio: Zahtjevi za usklađenost dimenzija za pribor sa šiljcima i kontaktnim cjevčicama za izmjeničnu struju (IEC 62196-2:2022; EN IEC 62196-2:2022)  
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories (IEC 62196-2:2022; EN IEC 62196-2:2022)

HRN EN IEC 62196-3:2022 en pr  
Utikači, utičnice i spojnice za vozila – Kontaktno punjenje električnih vozila – 3. dio: Zahtjevi za usklađenost dimenzija spojnice za vozila sa šiljcima i kontaktnim cjevčicama namijenjenih za istosmjernu i kombinirano istosmjernu i izmjeničnu struju (IEC 62196-3:2022; EN IEC 62196-3:2022)  
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers (IEC 62196-3:2022; EN IEC 62196-3:2022)

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

HRN EN 61347-2-7:2012/A2:2022 en pr  
Predspojne naprave – Dio 2-7: Posebni zahtjevi za predspojne naprave za rasvjetu u slučaju nužde (autonomnu) koje se napajaju električnim izvorima za sigurnosne svrhe (ESSS) (IEC 61347-2-7:2011/am2:2021; EN 61347-2-7:2012/A2:2022)  
Lamp controlgear – Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained) (IEC 61347-2-7:2011/am2:2021; EN 61347-2-7:2012/A2:2022)

HRN EN IEC 63356-1:2022 en pr  
Značajke izvora svjetla sa svjetlećim diodama – 1. dio: Listovi s podacima (IEC 63356-1:2022; EN IEC 63356-1:2022)  
LED light source characteristics – Part 1: Data sheets (IEC 63356-1:2022; EN IEC 63356-1:2022)

HRN EN IEC 63356-2:2022 en pr  
Značajke izvora svjetla sa svjetlećim diodama – 2. dio: Parametri i vrijednosti za projektiranje (IEC 63356-2:2022; EN IEC 63356-2:2022)  
LED light source characteristics – Part 2: Design parameters and values (IEC 63356-2:2022; EN IEC 63356-2:2022)

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

HRN EN IEC 60335-2-24:2022 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-24: Posebni zahtjevi za hladnjake, ledenice, sladoledarice i ledarice (IEC 60335-2-24:2020+Corr.1:2021; EN IEC 60335-2-24:2022)  
Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers (IEC 60335-2-24:2020+Corr.1:2021; EN IEC 60335-2-24:2022)

HRN EN IEC 60335-2-24:2022/A11:2022 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-24: Posebni zahtjevi za hladnjake, ledenice, sladoledarice i ledarice (EN IEC 60335-2-24:2022/A11:2022)  
Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers (EN IEC 60335-2-24:2022/A11:2022)

HRN EN 60335-2-8:2015/A11:2022 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-8: Posebni zahtjevi za aparate za brijanje, šišanje i slične aparate (EN 60335-2-8:2015/A11:2022)  
Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances (EN 60335-2-8:2015/A11:2022)

HRN EN 60335-2-8:2015/A12:2022 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-8: Posebni zahtjevi za aparate za brijanje, šišanje i slične aparate (EN 60335-2-8:2015/A12:2022)  
Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances (EN 60335-2-8:2015/A12:2022)

HRN EN 60335-2-8:2015/A2:2022 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-8: Posebni zahtjevi za aparate za brijanje, šišanje i slične aparate (IEC 60335-2-8:2012/am2:2018; EN 60335-2-8:2015/A2:2022)  
Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances (IEC 60335-2-8:2012/am2:2018; EN 60335-2-8:2015/A2:2022)

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

HRN HD 60364-5-52:2012/A12:2022 en pr  
Niskonaponske električne instalacije – Dio 5-52: Odabir i ugradnja električne opreme – Sustavi razvođenja (HD 60364-5-52:2011/A12:2022)  
Low-voltage electrical installations – Part 5-52: Selection and erection of electrical equipment – Wiring systems (HD 60364-5-52:2011/A12:2022)

HRN HD 60364-5-54:2012/A1:2022 en pr  
Niskonaponske električne instalacije – Dio 5-54: Odabir i ugradnja električne opreme – Uzemljenja i zaštitni vodiči (IEC 60364-5-54:2011/am1:2021; HD 60364-5-54:2011/A1:2022)  
Low-voltage electrical installations – Part 5-54: Selection and erection of electrical equipment – Earthing arrangements and protective conductors (IEC 60364-5-54:2011/am1:2021; HD 60364-5-54:2011/A1:2022)

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

HRN EN IEC 62714-2:2022 en pr  
Format razmjene tehničkih podataka za uporabu u upravljanju industrijskim automatizacijskim sustavima – Jezik za označavanje (markup) u automatizaciji – 2. dio: Semantičke biblioteke (IEC 62714-2:2022; EN IEC 62714-2:2022)  
Engineering data exchange format for use in industrial automation systems engineering – Automation markup language – Part 2: Semantics libraries (IEC 62714-2:2022; EN IEC 62714-2:2022)



HRN EN IEC 63365:2022 en pr  
Industrijsko procesno mjerenje, upravljanje i automatizacija  
– Digitalna natpisna pločica (IEC 63365:2022; EN IEC 63365:2022)  
Industrial process measurement, control and automation  
– Digital nameplate (IEC 63365:2022; EN IEC 63365:2022)

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

HRN EN IEC 63119-2:2022 en pr  
Razmjena informacija za usluge roaminga za punjenje električnih vozila – 2. dio: Slučajevi upotrebe (IEC 63119-2:2022; EN IEC 63119-2:2022)  
Information exchange for Electric Vehicle charging roaming service  
– Part 2: Use cases (IEC 63119-2:2022; EN IEC 63119-2:2022)

#### **HZN/TO E99, Električne instalacije iznad 1 kV izmjenične i 1,5 kV istosmjernje struje**

HRN EN IEC 60071-12:2022 en pr  
Usklađivanje izolacije – 12. dio: Smjernice za primjenu za pretvaračke stanice s linijskim komutatorima za istosmjernu struju visokog napona (LCC HVDC) (IEC 60071-12:2022; EN IEC 60071-12:2022)  
Insulation co-ordination – Part 12: Application guidelines for LCC HVDC converter stations (IEC 60071-12:2022; EN IEC 60071-12:2022)

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

HRN EN IEC 62680-4-1:2022 en pr  
Sučelja univerzalne serijske sabirnice za podatke i napajanje – Dio 4-1: Specifikacija USB 4™ (IEC 62680-4-1:2022; EN IEC 62680-4-1:2022)  
Universal Serial Bus interfaces for data and power – Part 4-1: Universal Serial Bus 4™ Specification (IEC 62680-4-1:2022; EN IEC 62680-4-1:2022)

#### **HZN/TO E106, Elektromagnetska polja u ljudskome okolišu**

HRN EN IEC 62232:2022 en pr  
Određivanje jakosti, gustoće snage i SAR-a RF polja u blizini baznih postaja za potrebe vrednovanja ljudske izloženosti (IEC 62232:2022; EN IEC 62232:2022)  
Determination of RF field strength, power density and SAR in the vicinity of base stations for the purpose of evaluating human exposure (IEC 62232:2022; EN IEC 62232:2022)

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

HRN EN 300 132-1 V2.2.1:2022 en pr  
Inženjerstvo okoliša (EE) – Sučelje za izvore napajanja na ulazu opreme informacijsko-komunikacijske tehnologije (IKT) – 1. dio: Izmjenična struja (AC) (EN 300 132-1 V2.2.1:2022)  
Environmental Engineering (EE) – Power supply interface at the input to Information and Communication Technology (ICT) equipment – Part 1: Alternating Current (AC) (EN 300 132-1 V2.2.1:2022)

HRN EN 300 176-1 V2.4.1:2022 en pr  
Digitalne poboljšane bežične telekomunikacije (DECT) – Ispitna specifikacija – 1. dio: Radio (EN 300 176-1 V2.4.1:2022)  
Digital Enhanced Cordless Telecommunications (DECT) – Test specification – Part 1: Radio (EN 300 176-1 V2.4.1:2022)

HRN EN 301 908-13 V13.1.1:2022 en pr  
IMT celularne mreže – Harmonizirana norma za pristup radijskom spektru – 13. dio: Korisnička oprema (UE) za napredni univerzalni terestrijalni radijski pristup (E-UTRA) (EN 301 908-13 V13.1.1:2019)  
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) (EN 301 908-13 V13.1.1:2019)

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

HRN EN ISO 37101:2022 en pr  
Održivi razvoj u zajednicama – Sustav upravljanja održivim razvojem – Zahtjevi sa smjernicama za primjenu (ISO 37101:2016; EN ISO 37101:2022)  
Sustainable development in communities – Management system for sustainable development – Requirements with guidance for use (ISO 37101:2016; EN ISO 37101:2022)

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

HRN EN ISO 24197:2022 en pr  
Proizvodi za udisanje para iz e-tekućina – Određivanje isparene mase e-tekućine i mase e-tekućine prikupljene u aerosolu (ISO 24197:2022; EN ISO 24197:2022)  
Vapour products – Determination of e-liquid vaporised mass and aerosol collected mass (ISO 24197:2022; EN ISO 24197:2022)

#### **HZN/TU B1, Graditeljstvo 1**

HRS CEN/TS 17459:2022 en pr  
Građevni proizvodi: Procjena otpuštanja opasnih tvari – Određivanje ekotoksičnosti eluata građevnih proizvoda (CEN/TS 17459:2022)  
Construction products: Assessment of release of dangerous substances – Determination of ecotoxicity of construction product eluates (CEN/TS 17459:2022)

HRN EN 17637:2022 en pr  
Građevni proizvodi: Procjena otpuštanja opasnih tvari – Procjena doze emitiranoγ gama-zraćenja (EN 17637:2022)  
Construction products: Assessment of release of dangerous substances – Dose assessment of emitted gamma radiation (EN 17637:2022)

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

HRN EN 927-2:2022 en pr  
Boje i lakovi – Premazna sredstva i premazni sustavi za drvo u vanjskim prostorima – 2. dio: Specifikacija svojstava (EN 927-2:2022)  
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 2: Performance specification (EN 927-2:2022)

HRN EN ISO 1522:2022 en pr  
Boje i lakovi – Ispitivanje klatnom (ISO 1522:2022; EN ISO 1522:2022)  
Paints and varnishes – Pendulum damping test (ISO 1522:2022; EN ISO 1522:2022)

HRN EN ISO 3262-6:2022 en pr  
Punila – Specifikacije i metode ispitivanja – 6. dio: Istaloženi kalcijev karbonat (ISO 3262-6:2022; EN ISO 3262-6:2022)  
Extenders – Specifications and methods of test – Part 6: Precipitated calcium carbonate (ISO 3262-6:2022; EN ISO 3262-6:2022)

HRN EN ISO 4628-5:2022 en pr  
Boje i lakovi – Procjena propadanja prevlaka – Označavanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 5. dio: Ocjena stupnja ljuštenja (ISO 4628-5:2022; EN ISO 4628-5:2022)  
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of flaking (ISO 4628-5:2022; EN ISO 4628-5:2022)

HRN EN ISO 7784-3:2022 en pr  
Boje i lakovi – Određivanje otpornosti na habanje – 3. dio: Metoda s kotačem pokrivenim abrazivnim papirom i linearnim naizmjeničnim gibanjem ispitnog uzorka (ISO 7784-3:2022; EN ISO 7784-3:2022)  
Paints and varnishes – Determination of resistance to abrasion – Part 3: Method with abrasive-paper covered wheel and linearly reciprocating test specimen (ISO 7784-3:2022; EN ISO 7784-3:2022)

HRN EN ISO 11127-6:2022 en pr  
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Ispitne metode za nemetalne abrazive za čišćenje mlazom – 6. dio: Određivanje onečišćenja topljivih u vodi mjerenjem vodljivosti (ISO 11127-6:2022; EN ISO 11127-6:2022)  
Preparation of steel substrates before application of paints and related products – Test methods for non-metallic blast-cleaning abrasives – Part 6: Determination of water-soluble contaminants by conductivity measurement (ISO 11127-6:2022; EN ISO 11127-6:2022)

HRN EN ISO 11127-7:2022 en pr  
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Ispitne metode za nemetalne abrazive za čišćenje mlazom – 7. dio: Određivanje klorida topljivih u vodi (ISO 11127-7:2022; EN ISO 11127-7:2022)  
Preparation of steel substrates before application of paints and related products – Test methods for non-metallic blast-cleaning abrasives – Part 7: Determination of water-soluble chlorides (ISO 11127-7:2022; EN ISO 11127-7:2022)

HRN EN 13300:2022 en pr  
Boje i lakovi – Boje i lakovi za unutrašnje zidove i stropove – Klasifikacija (EN 13300:2022)  
Paints and varnishes – Paints and varnishes for interior walls and ceilings – Classification (EN 13300:2022)

HRN EN ISO 18314-3:2022 en pr  
Analitička kolorimetrija – 3. dio: Posebni indeksi (ISO 18314-3:2022; EN ISO 18314-3:2022)  
Analytical colorimetry – Part 3: Special indices (ISO 18314-3:2022; EN ISO 18314-3:2022)

## HZN/TU I2, Strojarstvo 2

HRN EN 17736:2022 en pr  
Tehnologija za industriju zabave – Specifikacije za projektiranje i izradu aluminijskih platformi i okvira za pozornice (EN 17736:2022)  
Entertainment technology – Specifications for design and manufacture of aluminium stage decks and frames (EN 17736:2022)

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

HRN EN ISO 8872:2022 en pr  
Aluminijski i aluminijsko-plastični poklopci za infuzijske boce i injekcijske bočice – Opći zahtjevi i metode ispitivanja (ISO 8872:2022; EN ISO 8872:2022)  
Aluminium caps and aluminium/plastic caps for infusion bottles and injection vials – General requirements and test methods (ISO 8872:2022; EN ISO 8872:2022)

## HZN/TU S2, Zdravlje, okoliš i medicinska oprema 2

HRI CEN/TR 17904:2022 en pr  
Kvaliteta zraka u kabini putničkog zrakoplova – Kemijski spojevi (CEN/TR 17904:2022)  
Cabin air quality on civil aircraft – Chemical compounds (CEN/TR 17904:2022)

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

HRN EN 2266-008:2022 en pr  
Zrakoplovstvo – Kabeli, električni, opće namjene – Radna temperatura između -55 °C i 200 °C – Dio 008: Porodica DRP (parični), DRT (trožilni), DRQ (četverožilni), ispitivanje pomoću UV lasera višežilnog obložnog kabela – Norma za proizvod (EN 2266-008:2022)  
Aerospace series – Cables, electrical, for general purpose – Operating temperatures between -55 °C and 200 °C – Part 008: DRP (pair) DRT (3 cores) DRQ (4 cores) family, multicore UV laser printable jacketed cable – Product standard (EN 2266-008:2022)

HRN EN 2559:2022 en pr  
Zrakoplovstvo – Preimpregnirana ugljična, staklena i aramidna vlakna – Određivanje sadržaja smola i sadržaja vlakana i mase vlakana po jedinici površine (EN 2559:2022)  
Aerospace series – Carbon, glass and aramid fibre preimpregnates – Determination of the resin and fibre content and the mass of fibre per unit area (EN 2559:2022)

HRN EN 4828:2022 en pr  
Zrakoplovstvo – Toplinski otklon LED svjetiljki – Metode klasifikacije i mjerenja (EN 4828:2022)  
Aerospace series – Thermal drift of LED luminaires – Classification and measuring methods (EN 4828:2022)

HRN EN 9147:2022 en pr  
Zrakoplovstvo – Upravljanje predmetima za otpis (EN 9147:2022)  
Aerospace series – Management of unsalvageable items (EN 9147:2022)

HRN EN 12312-15:2022 en pr  
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 15. dio: Traktori za prtljagu i opremu (EN 12312-15:2020+A1:2022)  
Aircraft ground support equipment – Specific requirements – Part 15: Baggage and equipment tractors (EN 12312-15:2020+A1:2022)

## HZN/TU V1, Elektronika 1

HRN EN IEC 60738-1:2022 en pr  
Termistori – Izravno grijani s pozitivnim temperaturnim koeficijentom – 1. dio: Generička specifikacija (IEC 60738-1:2022; EN IEC 60738-1:2022)  
Thermistors – Directly heated positive temperature coefficient – Part 1: Generic specification (IEC 60738-1:2022; EN IEC 60738-1:2022)

HRN EN IEC 60749-37:2022 en pr  
Poluvodički uređaji – Metoda za mehanička i klimatska ispitivanja – 37. dio: Metoda ispitivanja pada tiskane pločice pomoću akcelerometra (IEC 60749-37:2022; EN IEC 60749-37:2022)  
Semiconductor devices – Mechanical and climatic test methods – Part 37: Board level drop test method using an accelerometer (IEC 60749-37:2022; EN IEC 60749-37:2022)

HRN EN IEC 61010-2-101:2022 en pr  
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-101: Sigurnosni zahtjevi za in vitro dijagnostičku (IVD) medicinsku opremu (IEC 61010-2-101:2018; EN IEC 61010-2-101:2022)  
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment (IEC 61010-2-101:2018; EN IEC 61010-2-101:2022)

HRN EN IEC 61010-2-101:2022/A11:2022 en pr  
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-101: Sigurnosni zahtjevi za in vitro dijagnostičku (IVD) medicinsku opremu (EN IEC 61010-2-101:2022/A11:2022)  
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment (EN IEC 61010-2-101:2022/A11:2022)

HRN EN IEC 62037-7:2022 en pr  
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 7. dio: Mjerenje pasivne intermodulacije na terenu (IEC 62037-7:2022; EN IEC 62037-7:2022)  
Passive RF and microwave devices, intermodulation level measurement – Part 7: Field measurements of passive intermodulation (IEC 62037-7:2022; EN IEC 62037-7:2022)

HRN EN IEC 62391-1:2022 en pr  
Fiksni električni dvoslojni kondenzatori za električnu i elektroničku opremu – 1. dio: Opća specifikacija (IEC 62391-1:2022; EN IEC 62391-1:2022)  
Fixed electric double-layer capacitors for use in electric and electronic equipment – Part 1: Generic specification (IEC 62391-1:2022; EN IEC 62391-1:2022)

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

HRN HD 60269-2:2013/A1:2022 en pr  
Niskonaponski osigurači – 2. dio: Dodatni zahtjevi za osigurače kojima rukuju ovlaštene osobe (osigurači uglavnom namijenjeni za primjenu u industriji) – Primjeri normiranih sustava osigurača A do K (IEC 60269-2:2013/am1:2016; HD 60269-2:2013/A1:2022)  
Low-voltage fuses – Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) – Examples of standardized systems of fuses A to K (IEC 60269-2:2013/am1:2016; HD 60269-2:2013/A1:2022)

HRN HD 60269-3:2011/A2:2022 en pr  
Niskonaponski osigurači – 3. dio: Dodatni zahtjevi za osigurače kojima rukuju nestručne osobe (osigurači uglavnom za kućanstvo ili slične primjene) – Primjeri normiranih sustava osigurača A do F (IEC 60269-3:2010/am2:2019; HD 60269-3:2010/A2:2022)  
Low-voltage fuses – Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar applications) – Examples of standardized systems of fuses A to F (IEC 60269-3:2010/am2:2019; HD 60269-3:2010/A2:2022)

HRN EN IEC 60974-1:2022 en pr  
Oprema za elektrolučno zavarivanje – 1. dio: Izvori napajanja za zavarivanje (IEC 60974-1:2021; EN IEC 60974-1:2022)  
Arc welding equipment – Part 1: Welding power sources (IEC 60974-1:2021; EN IEC 60974-1:2022)

HRN EN IEC 60974-1:2022/A11:2022 en pr  
Oprema za elektrolučno zavarivanje – 1. dio: Izvori napajanja za zavarivanje (EN IEC 60974-1:2022/A11:2022)  
Arc welding equipment – Part 1: Welding power sources (EN IEC 60974-1:2022/A11:2022)

HRN EN 61951-2:2017/A1:2022 en pr  
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Prijenosni zapečaćeni sekundarni članci i baterije – 2. dio: Nikal-metalni hidrid (IEC 61951-2:2017/am1:2022; EN 61951-2:2017/A1:2022)  
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 2: Nickel-metal hydride (IEC 61951-2:2017/am1:2022; EN 61951-2:2017/A1:2022)

HRN EN IEC 62947:2022 en pr  
Električno WC sjedalo s prskalicom za kućanstvo i sličnu uporabu – Opće metode ispitivanja sjedala s prskalicom (IEC 62947:2022; EN IEC 62947:2022)  
Electrically operated spray toilet seat for household and similar use – Methods for measuring the performance – General test methods of spray seats (IEC 62947:2022; EN IEC 62947:2022)

HRN EN IEC 63237-1:2022 en pr  
Kućanski i slični električni aparati – Značajke informacija o proizvodu – 1. dio: Osnove (IEC 63237-1:2022; EN IEC 63237-1:2022)  
Household and similar electrical appliances – Product information properties – Part 1: Fundamentals (IEC 63237-1:2022; EN IEC 63237-1:2022)

## 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 5, *Metalne cijevi i priključci*

EN 1092-1:2018/prA1 en  
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, PN designated – Part 1: Steel flanges  
Prirubnice i njihovi spojevi – Okrugle prirubnice za cijevi, ventile, spojne dijelove i pribor, označene prema PN-u – 1. dio: Čelične prirubnice

### HZN/TO 8, *Brodogradnja*

prEN ISO 8665-2 en  
Small craft – Power measurements and declarations – Part 2: Electric marine propulsion (ISO/DIS 8665-2:2022)

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

prEN 17923 en  
Equipment for vine cultivation and wine making – Safety – Must and grape harvest pumps

### HZN/TO 25, *Ljevarstvo*

prEN ISO 13520 en  
Determination of ferrite content in austenitic stainless steel castings (ISO/DIS 13520:2022)  
Određivanje sadržaja ferita u odljevcima austenitnih nehrđajućih čelika (ISO/DIS 13520:2022)

### HZN/TO 92, *Zaštita od požara*

prEN ISO 13943 en  
Fire safety – Vocabulary (ISO/DIS 13943:2022)  
Zaštita od požara – Terminološki rječnik (ISO/DIS 13943:2022)

prEN 15269-2 en  
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  
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 2. dio: Otpornost na požar zaokretnih i okretnih čeličnih vrata

### HZN/TO 120, *Koža i obuća*

prEN ISO 20137 en  
Leather – Chemical tests – Guidelines for testing critical chemicals in leather (ISO/DIS 20137:2022)  
Koža – Kemijska ispitivanja – Smjernice za ispitivanje štetnih kemikalija u koži (ISO/DIS 20137:2022)

### HZN/TO 134, *Gnojiva i poboljšivači tla*

prEN 17925 en  
Soil improvers and growing media – Determination of temperature and time profile during composting and digestion  
Poboljšivači tla i supstrati – Određivanje temperaturnog i vremenskog profila tijekom kompostiranja i digestije



## **HZN/TO 145, Grafički simboli**

EN ISO 7010:2020/prA4 en  
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2019/Amd 4:2021)  
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2019/Amd 4:2021)

EN ISO 7010:2020/prA5 en  
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2019/Amd 5:2022)  
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2019/Amd 5:2022)

EN ISO 7010:2020/prA6 en  
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2019/Amd 6:2022)  
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2019/Amd 6:2022)

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

prEN 16783 en  
Thermal insulation products – Environmental Product Declarations (EPD) – Product Category Rules (PCR) complementary to EN 15804 for factory made and in-situ formed products  
Toplinsko-izolacijski proizvodi – Izjave o utjecaju proizvoda na okoliš (EPD) – Pravila za razvrstavanje proizvoda (PCR) kao dopuna normi EN 15804 za tvornički proizvedene i na licu mjesta oblikovane proizvode

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

ISO 8100-34:2021 en  
Lifts for the transport of persons and goods – Part 34: Measurement of lift ride quality  
Dizala za prijevoz osoba i tereta – 34.dio: Mjerenje kvalitete vožnje

ISO 8103-9:2022 en  
Escalators and moving walks – Part 9: Measurement of ride quality  
Pokretne stube i pokretne trake – 9. dio: Mjerenje kvalitete vožnje

## **HZN/TO 207, Upravljanje okolišem**

ISO/TR 14047:2012 en  
Environmental management – Life cycle assessment – Illustrative examples on how to apply ISO 14044 to impact assessment situations  
Upravljanje okolišem – Procjena životnog ciklusa (LCA) – Ilustrativni primjeri primjene norme ISO 14044 u procjeni utjecaja životnog ciklusa (LCIA)

ISO/TR 14049:2012 en  
Environmental management – Life cycle assessment – Illustrative examples on how to apply ISO 14044 to goal and scope definition and inventory analysis  
Upravljanje okolišem – Procjena životnog ciklusa (LCA) – Ilustrativni primjeri primjene norme ISO 14044 u definiranju cilja i opsega te u analizi inventara životnog ciklusa (LCI)

## **HZN/TO 301, Upravljanje energijom i ušteda energije**

prEN 16325 en  
Guarantees of Origin related to energy – Guarantees of Origin for Electricity, gaseous hydrocarbons, Hydrogen, and heating & cooling

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

prEN ISO 13702 en  
Petroleum and natural gas industries – Control and mitigation of fires and explosions on offshore production installations – Requirements and guidelines (ISO/DIS 13702:2022)  
Industrija nafte i prirodnoga plina – Kontrola i suzbijanje požara i eksplozija na odobalnim proizvodnim postrojenjima – Zahtjevi i smjernice (ISO/DIS 13702:2022)

prEN ISO 25457 en  
Petroleum, petrochemical and natural gas industries – Flare details for general refinery and petrochemical service (ISO/DIS 25457:2022)  
Industrija nafte, petrokemije i prirodnoga plina – Detalji o baklji za opće rafinerijske i petrokemijske potrebe (ISO/DIS 25457:2022)

## **HZN/TO 508, Ambalaža i pakiranje**

prEN ISO 14375 en  
Child-resistant non-reclosable packaging for pharmaceutical products – Requirements and testing (ISO 14375:2018)

prEN ISO 28862 en  
Packaging – Child-resistant packaging – Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products (ISO 28862:2018)

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

prEN 17328 en  
Complementary product category rules for gypsum-based construction products  
Dodatna pravila za razvrstavanje građevnih proizvoda na osnovi gipsa

## **HZN/TO 521, Usluge održavanja**

prEN ISO 41017 en  
Facility management – Guidance on emergency preparedness and management of an epidemic (ISO/DIS 41017:2022)

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

prEN 14067-4 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

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

prEN ISO 527-4 en  
Plastics – Determination of tensile properties – Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites (ISO/FDIS 527-4:2022)  
Plastika – Određivanje rasteznih svojstava – 4. dio: Uvjeti ispitivanja izotropnih i ortotropnih plastičnih kompozita ojačanih vlaknima (ISO/FDIS 527-4:2022)

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

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

prEN 17871 en  
Glass in building – Spectrophotometric characteristics of glass products – Validation procedure for calculation tool  
Staklo u graditeljstvu – Spektrofotometrijske značajke proizvoda od stakla – Postupak validacije proračunskog alata

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

EN 303-6:2019/prA1 en  
Heating boilers – Part 6: Heating boilers with forced draught burners – Specific requirements for the domestic hot water operation and energy performance of water heaters and combination boilers with atomizing oil burners of nominal heat input not exceeding 70 kW  
Toplovodni kotlovi – 6. dio: Toplovodni kotlovi s predtlačnim plamenicima – Posebni zahtjevi za pripremu potrošne tople vode i energetska svojstva grijalica vode i kombiniranih kotlova s predtlačnim plamenicima na raspršeno ulje nazivnog toplinskog opterećenja do 70 kW



prEN ISO 11855-8 en

Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 8: Electrical heating systems (ISO/DIS 11855-8:2022)

Projektiranje unutrašnjosti zgrada – Projektiranje, dimenzioniranje, ugradnja i upravljanje ugradbenim sustavima grijanja i hlađenja zračenjem – 8. dio: Električni sustavi grijanja (ISO/DIS 11855-8:2022)

EN 15332:2019/prA1 en

Heating boilers – Energy assessment of hot water storage tanks

Toplovodni kotlovi – Procjena energije za akumulacijske spremnike potrošne tople vode

prEN 16798-3 en

Energy performance of buildings – Ventilation for buildings – Part 3: For non-residential buildings – Performance requirements for ventilation and room-conditioning systems (Modules M5-1, M5-4)

Energijska svojstva zgrada – Ventilacija u zgradama – 3. dio: Nestambene zgrade – Izvedbeni zahtjevi za sustave ventilacije i klimatizacije (Moduli M5-1, M5-4)

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

prEN 12665 en

Light and lighting – Basic terms and criteria for specifying lighting requirements

Svjetlo i rasvjeta – Osnovni nazivi i kriteriji za specificiranje zahtjeva rasvjete

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

prEN 795 en

Personal fall protection equipment – Anchor devices  
Osobna zaštitna oprema protiv pada s visine – Sidrene naprave

ISO 23616:2022 en

Cleaning, inspection and repair of firefighters' personal protective equipment (PPE)

Čišćenje, pregled i popravak osobne zaštitne opreme za vatrogasce

### **HZN/TO 557, Zaštitna odjeća**

ISO 21942:2019 en

Station uniform for firefighters  
Radna odjeća za vatrogasce

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

EN ISO 11114-1:2020/prA1 en

Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 1: Metallic materials (ISO 11114-1:2020/DAmD 1:2022)

Plinske boce – Uskladiivost materijala boce i ventila sa sadržanim plinom – 1. dio: Metalni materijali (ISO 11114-1:2020/DAmD 1:2022)

EN 13445-2:2021/FprA1 en

Unfired pressure vessels – Part 2: Materials  
Neložene posude pod tlakom – 2. dio: Materijali

### **HZN/TO 562, Alatni strojevi i alati**

prEN ISO 19085-13 en

Woodworking machines – Safety – Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (ISO/DIS 19085-13:2022)

Strojevi za obradu drva – Sigurnost – 13. dio: Višelisne pile s ručnim ulaganjem/ili odlaganjem (ISO/DIS 19085-13:2022)

prEN ISO 19085-15 en

Woodworking machines – Safety – Part 15: Presses (ISO/DIS 19085-15:2022)

Strojevi za obradu drva – Sigurnost – 15. dio: Preše (ISO/DIS 19085-15:2022)

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

prEN ISO 5537 en

Dried milk and dried milk products – Determination of moisture content (Reference method) (ISO/DIS 5537:2022)

Mlijeko u prahu i mliječni proizvodi u prahu – Određivanje sadržaja vlage (Referentna metoda) (ISO/DIS 5537:2022)

prEN ISO 11816-1 en

Milk and milk products – Determination of alkaline phosphatase activity – Part 1: Fluorimetric method for milk and milk-based drinks (ISO/DIS 11816-1:2022)

Mlijeko i mliječni proizvodi – Određivanje aktivnosti alkalne fosfataze – 1. dio: Fluorometrijska metoda za mlijeko i napitke na osnovi mlijeka (ISO/DIS 11816-1:2022)

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

EN 1176-1:2017/prA1 en

Playground equipment and surfacing – Part 1: General safety requirements and test methods

Oprema i podloge za igrališta – 1. dio: Opći sigurnosni zahtjevi i metode ispitivanja

### **HZN/TO 578, Elektronička javna nabava**

prEN 17015-1 en

Electronic Public Procurement – Catalogue – Part 1: Choreographies

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

ISO 15745-4:2003/Amd 1:2006 en

Industrial automation systems and integration – Open systems application integration framework – Part 4: Reference description for Ethernet-based control systems – Amendment 1: PROFINET profiles

Sustavi industrijske automatizacije i integracija – Okvir za integraciju programskih podrški otvorenih sustava – 4. dio: Referencijski opis za sustave upravljanja koji se temelje na Ethernetu – Amandman 1: PROFINET profili

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

prEN 17926 en

Privacy Information Management System per ISO/IEC 27701 – Refinements in European context

prEN 17927 en

Security Evaluation Standard for IoT Platforms (SESIP) – An effective methodology for applying cybersecurity assessment and re-use for connected products

prEN ISO/IEC 29146 en

Information technology – Security techniques – A framework for access management (ISO/IEC 29146:2016)

prEN ISO/IEC 29184 en

Information technology – Online privacy notices and consent (ISO/IEC 29184:2020)

### **HZN/TO E2, Rotacijski strojevi**

prEN IEC 60034-2-1:2022 en

Rotating electrical machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles) (IEC 60034-2-1 ED3)

Rotacijski električni strojevi – Dio 2-1: Normirane metode određivanja gubitaka i korisnosti ispitivanjima (isključujući strojeve za vučna vozila) (IEC 60034-2-1 ED3)

prEN IEC 60034-2-2:2022 en

Rotating electrical machines – Part 2-2: Specific methods for determining separate losses of large machines from tests – Supplement to IEC 60034-2-1 (IEC 60034-2-2 ED2)

Rotacijski električni strojevi – Dio 2-2: Posebne metode za određivanje pojedinih gubitaka velikih strojeva ispitivanjima – Dodatak normi IEC 60034-2-1 (IEC 60034-2-2 ED2)

prEN IEC 60034-2-3:2022 en

Rotating electrical machines – Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors (IEC 60034-2-3 ED2)

Rotacijski električni strojevi – Dio 2-3: Posebne metode ispitivanja za određivanje gubitaka i učinkovitosti izmjeničnih motora koji se napajaju iz konvertera (IEC 60034-2-3 ED2)

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

prEN IEC 62057-3:2022 en

Test equipment, techniques and procedures for electrical energy meters – Part 3: Automatic Meter Testing System (AMTS) (IEC 62057-3 ED1)

Ispitna oprema, tehnike i procedure za električna brojila – 3. dio: Sustav za automatsko ispitivanje brojila (AMTS) (IEC 62057-3 ED1)

### **HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali**

prEN IEC 60455-2:2022 en

Resin based reactive compounds used for electrical insulation – Part 2: Methods of test (IEC 60455-2 ED4)

Reaktivne mješavine na bazi smola koje se upotrebljavaju za električnu izolaciju – 2. dio: Metode ispitivanja (IEC 60455-2 ED4)

prEN IEC 60674-3-3:2022 en

Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 3: Polycarbonate (PC) films used for electrical insulation (IEC 60674-3-3 ED2)

Plastične folije za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 3. list: Polikarbonatne (PC) folije koje se upotrebljavaju za električnu izolaciju (IEC 60674-3-3 ED2)

prEN IEC 60674-3-7:2022 en

Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 7: Fluoroethylene-propylene (FEP) films used for electrical insulation (IEC 60674-3-7 ED2)

Plastične folije za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 7. list: Fluoroetilen-propilenske folije (FEP) koje se upotrebljavaju za električnu izolaciju (IEC 60674-3-7 ED2)

### **HZN/TO E22, Energetska elektronika**

prEN IEC 61800-9-1:2022 en

Adjustable speed electrical power drive systems – Part 9-1: Ecodesign for motor systems – General requirements for setting energy efficiency standards (IEC 61800-9-1 ED2)

Elektromotorni sustavi prilagodljive brzine – Dio 9-1: Ekološko projektiranje za sustave motora – Opći zahtjevi za postavke norma za energetska učinkovitost (IEC 61800-9-1 ED2)

prEN IEC 61800-9-2:2022 en

Adjustable speed electrical power drive systems – Part 9-2: Ecodesign for motor systems – Energy efficiency determination and classification (IEC 61800-9-2 ED2)

Elektromotorni sustavi prilagodljive brzine – Dio 9-2: Ekološko projektiranje za sustave motora – Određivanje i klasifikacija energetske učinkovitosti (IEC 61800-9-2 ED2)

### **HZN/TO E23, Električni instalacijski pribor**

prEN IEC 60669-2-2:2022 en

Switches for household and similar fixed electrical installations – Part 2-2: Particular requirements – Electromagnetic remote-control switches (RCS) (IEC 60669-2-2 ED4)

Sklopke za kućanstvo i slične fiksne električne instalacije – Dio 2-2: Posebni zahtjevi – Elektromagnetske daljinski upravljane sklopke (IEC 60669-2-2 ED4)

prEN IEC 60669-2-3:2022 en

Switches for household and similar fixed electrical installations – Part 2-3: Particular requirements – Time-delay switches (TDS) (IEC 60669-2-3 ED4)

Sklopke za kućanstvo i slične fiksne električne instalacije – Dio 2-3: Posebni zahtjevi – Sklopke s vremenskim zatezanjem (TDS) (IEC 60669-2-3 ED4)

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

prEN IEC 62386-305:2022 en

Digital addressable lighting interface – Part 305: Particular requirements – Input devices – Colour sensor (IEC 62386-305 ED1)

Digitalno upravljanje rasvjetom – 305. dio: Posebni zahtjevi – Ulazne naprave – Senzor boje (IEC 62386-305 ED1)

### **HZN/TO E56, Pouzdanost**

prEN IEC 62506:2022 en

Methods for product accelerated testing (IEC 62506 ED2)

Metode za ispitivanje proizvoda ubrzanim ispitivanjem (IEC 62506 ED2)

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

prEN IEC 63458-1:2022 en

High Pressure Water Jet Machines – Safety – Part 1: High Pressure Water Jet Unit (IEC 63458-1 ED1)

Strojevi s visokotlačnim mlazom vode – Sigurnost – 1. dio: Visokotlačna jedinica (IEC 63458-1 ED1)

prEN IEC 63458-2:2022 en

High Pressure Water Jet Machines – Safety – Part 2: High Pressure hoses, hose lines and connectors (IEC 63458-2 ED1)

Strojevi s visokotlačnim mlazom vode – Sigurnost – 2. dio: Visokotlačna crijeva i spojnice (IEC 63458-2 ED1)

prEN IEC 63458-3:2022 en

High Pressure Water Jet Machines – Safety – Part 3: High Pressure Spraying Device (IEC 63458-3 ED1)

Strojevi s visokotlačnim mlazom vode – Sigurnost – 3. dio: Visokotlačna mlaznica (IEC 63458-3 ED1)

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

prEN IEC 60601-2-16:2022 en

Medical electrical equipment – Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment (IEC 60601-2-16 ED6)

Medicinska električna oprema – Dio 2-16: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za hemodijalizu, hemodijafiltriranje i hemofiltriranje (IEC 60601-2-16 ED6)

EN IEC 60601-2-19:2021/prA1:2022 en

Medical electrical equipment – Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators (IEC 60601-2-19/am1 ED3)

Medicinska električna oprema – Dio 2-19: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke inkubatora za novorođenčad (IEC 60601-2-19/am1 ED3)

EN IEC 60601-2-20:2020/prA1:2022 en

Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (IEC 60601-2-20/am1 ED3)

Medicinska električna oprema – Dio 2-20: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke prijevoznih inkubatora za novorođenčad (IEC 60601-2-20/am1 ED3)

EN IEC 60601-2-21:2021/prA1:2022 en

Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers (IEC 60601-2-21/am1 ED3)

Medicinska električna oprema – Dio 2-21: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke za grijače novorođenčadi koji griju zračenjem (IEC 60601-2-21/am1 ED3)

prEN IEC 60601-2-34:2022 en

Medical electrical equipment – Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment (IEC 60601-2-34 ED4)

Medicinska električna oprema – Dio 2-34: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za invazivno mjerenje krvnog tlaka (IEC 60601-2-34 ED4)

EN IEC 60601-2-35:2021/prA1:2022 en

Medical electrical equipment – Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use (IEC 60601-2-35/am1 ED2)

Medicinska električna oprema – Dio 2-35: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za grijanje koji upotrebljavaju pokrivače, jastuke i madrace, a namijenjeni su za grijanje u medicinske svrhe (IEC 60601-2-35/am1 ED2)

prEN IEC 60601-2-39:2022 en

Medical electrical equipment – Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (IEC 60601-2-39 ED4)

Medicinska električna oprema – Dio 2-39: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za peritonealnu hemodijalizu (IEC 60601-2-39 ED4)

EN IEC 60601-2-50:2021/prA1:2022 en

Medical electrical equipment – Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment (IEC 60601-2-50/am1 ED3)

Medicinska električna oprema – Dio 2-50: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke opreme za fototerapiju novorođenčadi (IEC 60601-2-50/am1 ED3)

EN IEC 80601-2-49:2019/prA1:2022 en

Amendment 1 – Medical electrical equipment – Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors (IEC 80601-2-49/am1 ED1)

Amandman 1 – Medicinska električna oprema – Dio 2-49: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke višefunkcijske opreme za nadzor pacijenata (IEC 80601-2-49/am1 ED1)

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

prHD 60364-4-42:2022 en

Low-voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects (IEC 60364-4-42 ED4)  
Niskonaponske električne instalacije – Dio 4-42: Sigurnosna zaštita – Zaštita od toplinskih učinaka (IEC 60364-4-42 ED4)

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

prEN IEC 63339:2022 en

Unified reference model for smart manufacturing (IEC 63339 ED1)  
Jedinstveni referentni model za pametnu proizvodnju (IEC 63339 ED1)

#### **HZN/TO E88, Vjetroagregati**

prEN IEC 61400-15-1:2022 en

Wind energy generation systems – Part 15-1: Site suitability input conditions for wind power plants (IEC 61400-15-1 ED1)  
Sustavi za proizvodnju energije iz vjetra – Dio 15-1: Ulazni uvjeti za pogodnost terena za vjetroelektrane (IEC 61400-15-1 ED1)

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

prEN IEC 63474:2022 en

Electrical and electronic household and office equipment – Measurement of networked standby power consumption of edge equipment (IEC 63474 ED1)  
Električna i elektronička kućanska i uredska oprema – Mjerenje mrežne potrošnje snage praznoga hoda krajnje opreme (IEC 63474 ED1)

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

prEN IEC 62631-3-2:2022 en

Dielectric and resistive properties of solid insulating materials – Part 3-2: Determination of resistive properties (DC methods) – Surface resistance and surface resistivity (IEC 62631-3-2 ED2)

Dielektrična i otporna svojstva čvrstih izolacijskih materijala – Dio 3-2: Određivanje otpornih svojstava (Metode istosmjernje struje) – Površinski otpor i specifični površinski otpor (IEC 62631-3-2 ED2)

#### **HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama**

EN IEC 61000-6-3:2021/prA1:2022 (Frag 2) en

Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for equipment in residential environments (IEC 61000-6-3/am1/(fragment2) ED3)

Elektromagnetska kompatibilnost (EMC) – Dio 6-3: Norme srodnih područja – Norma emisije za opremu u stambenoj okolini (IEC 61000-6-3/am1/(fragment2) ED3)

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

Draft EN 301 489-28 V2.1.0:2022 en

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 28: Specific conditions for wireless digital video links – Harmonised Standard for ElectroMagnetic Compatibility

Norma za elektromagnetsku kompatibilnost (EMC) za radijsku opremu i službe – 28. dio: Posebni zahtjevi za bežične digitalne videoveze – Harmonizirana norma za elektromagnetsku kompatibilnost

Draft EN 301 908-23 V15.0.0:2022 en

IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 23: Active Antenna System (AAS) Base Station (BS), Release 15

IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 23. dio: Bazne postaje (BS) za Aktivni antenski sustav (AAS), Izdanje 15

Draft EN 301 908-24 V15.0.0:2022 en

IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 24: New Radio (NR) Base Stations (BS), Release 15

IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 24. dio: Bazne postaje (BS) za tehnologiju Novi Radio (NR), Izdanje 15

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

prEN ISO 4803 en

Laboratory glassware – Borosilicate glass tubing (ISO 4803:2021)  
Laboratorijsko stakleno posuđe – Cijevi od borosilikatnog stakla (ISO 4803:2021)

prEN ISO 10364 en

Structural adhesives – Determination of the pot life (working life) of multi-component adhesives (ISO/DIS 10364:2022)  
Adhezivi za konstrukcije – Određivanje vremena obrade (pot life) višekomponentnih adheziva (ISO/DIS 10364:2022)

prEN ISO/ASTM 52928 en

Additive manufacturing of metals – Feedstock materials – Powder life cycle management (ISO/ASTM DIS 52928:2022)  
Aditivna proizvodnja metala – Sirovine – Upravljanje životnim ciklusom praha (ISO/ASTM DIS 52928:2022)



## HZN/TU I2, *Strojarstvo 2*

prEN ISO 19749 en  
Nanotechnologies – Measurements of particle size and shape distributions by scanning electron microscopy (ISO 19749:2021)  
Nanotehnologije – Mjerenja veličine i distribucije oblika čestica skenirajućom elektronskom mikroskopijom (ISO 19749:2021)

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

prEN ISO 17092 en  
Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of corrosion resistance of monolithic ceramics in acid and alkaline solutions (ISO 17092:2005)

prEN ISO 17947 en  
Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods for chemical analysis of fine silicon nitride powders (ISO 17947:2014)

prEN ISO 20509 en  
Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of oxidation resistance of non-oxide monolithic ceramics (ISO 20509:2003)

prEN ISO 24370 en  
Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for fracture toughness of monolithic ceramics at room temperature by chevron-notched beam (CNB) method (ISO 24370:2005)

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

prEN ISO 10555-1 en  
Intravascular catheters – Sterile and single-use catheters – Part 4: General requirements (ISO/DIS 10555-1:2022)  
Intravaskularni kateteri – Sterilni i jednokratni kateteri – 1. dio: Opći zahtjevi (ISO/DIS 10555-1:2022)

prEN ISO 10555-4 en  
Intravascular catheters – Sterile and single-use catheters – Part 4: Balloon dilatation catheters (ISO/DIS 10555-4:2022)  
Intravaskularni kateteri – Sterilni i jednokratni kateteri – 4. dio: Dilatacijski balonski kateteri (ISO/DIS 10555-4:2022)

prEN ISO 11608-5 en  
Needle-based injection systems for medical use – Requirements and test methods – Part 5: Automated functions (ISO 11608-5:2022)  
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 5. dio: Automatske funkcije (ISO 11608-5:2022)

prEN ISO 23500-1 en  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 1: General requirements (ISO/DIS 23500-1:2022)  
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 1. dio: Opći zahtjevi (ISO/DIS 23500-1:2022)

prEN ISO 23500-2 en  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 2: Water treatment equipment for haemodialysis applications and related therapies (ISO/DIS 23500-2:2022)  
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 2. dio: Uređaji za obradu vode za potrebe hemodijalize i srodnih terapija (ISO/DIS 23500-2:2022)

prEN ISO 23500-3 en  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 3: Water for haemodialysis and related therapies (ISO/DIS 23500-3:2022)  
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 3. dio: Voda za hemodijalizu i srodne terapije (ISO/DIS 23500-3:2022)

prEN ISO 23500-4 en  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 4: Concentrates for haemodialysis and related therapies (ISO/DIS 23500-4:2022)  
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 4. dio: Koncentrati za hemodijalizu i srodne terapije (ISO/DIS 23500-4:2022)

prEN ISO 23500-5 en  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 5: Quality of dialysis fluid for haemodialysis and related therapies (ISO/DIS 23500-5:2022)  
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 5. dio: Kvaliteta tekućine za hemodijalizu i srodne terapije (ISO/DIS 23500-5:2022)

## HZN/TU U1, *Opća elektrotehnika 1*

prEN IEC 81355-1:2022 en  
Classification and designation of documents for plants, systems and equipment – Part 1: Rules and classification tables (IEC 81355-1 ED1)  
Klasifikacija i označavanje dokumenata za postrojenja, sustave i opremu – 1. dio: Pravila i klasifikacijske tablice (IEC 81355-1 ED1)

## HZN/TU V1, *Elektronika 1*

prEN IEC 60512-99-003:2022 en  
Connectors for electrical and electronic equipment – Tests and measurements - Part 99-003: Endurance test schedules – Test 99c: Test schedule for balanced single-pair connectors unmating under electrical load (IEC 60512-99-003 ED1)

prEN IEC 60794-2-23:2022 en  
Optical fibre cables - Part 2-23: Indoor optical fibre cables – Detailed specification for multi-fibre cables for use in MPO connector terminated cable assemblies (IEC 60794-2-23 ED1)

prEN IEC 60794-2-24:2022 en  
Optical fibre cables – Part 2-24: Indoor optical fibre cables – Detailed specification for multiple multi-fibre unit cables for use in MPO connector terminated breakout cable assemblies (IEC 60794-2-24 ED1)

EN IEC 61169-4:2022 en  
Radio-frequency connectors – Part 4: RF coaxial connectors with inner diameter of outer conductor 16 mm (0,63 in) with screw lock – Characteristic impedance 50 Ω (type 7-16) (IEC 61169-4:2008)  
Radiofrekvencijski konektori – 4. dio: Radiofrekvencijski konektori s unutarnjim promjerom vanjskog vodiča 16 mm (0,63 inča) s vijčanim zaključavanjem – Karakteristične impedancije 50 Ω (tip 7-16) (IEC 61169-4:2008)

prEN IEC 61169-70:2022 en  
Radio-frequency connectors Part 70: Sectional specification for series HD-BNC radio-frequency coaxial connectors – Characteristic Impedance 75 ohms (IEC 61169-70 ED1)

prEN IEC 61300-2-11:2022 en  
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-11: Tests – Axial compression (IEC 61300-2-11 ED3)  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-11: Ispitivanja – Aksijalna kompresija (IEC 61300-2-11 ED3)

prEN IEC 61300-2-22:2022 en  
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-22: Tests – Change of temperature (IEC 61300-2-22 ED3)  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-22: Ispitivanja – Promjena temperature (IEC 61300-2-22 ED3)



prEN IEC 62446-1:2022 en

Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 1: Grid connected systems – Documentation, commissioning tests and inspection (IEC 62446-1 ED2)  
Fotonaponski (PV) sustavi – Zahtjevi za ispitivanje, dokumentaciju i održavanje – 1. dio: Sustavi priključeni na električnu mrežu – Dokumentacija, puštanje u pogon i pregled (IEC 62446-1 ED2)

prEN IEC 63215-5:2022 en

Endurance test methods for die attach materials – Part 5: Temperature cycling test methods for die attach materials (system soldering interconnection) applied to module type power electronic devices (IEC 63215-5 ED1)

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

prEN 17929 en

Hyperloop Transport Services  
Usluge prijevoza vakuumskim vlakovima

prEN 17930 en

Hyperloop Systems Aspects – Reference Architecture  
Aspekti sustava vakuumskih vlakova – Referentna arhitektura

prEN IEC 61558-2-10:2022 en

Safety of transformers, reactors, power supply units and combinations thereof – Part 2-10: Particular requirements and tests for separating transformers with high insulation level and separating transformers with output voltages exceeding 1 000 V (IEC 61558-2-10 ED2)  
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-10: Posebni zahtjevi i ispitivanja za odvojne transformatore s visokom razinom izolacije i odvojne transformatore s izlaznim naponom većim od 1000 V (IEC 61558-2-10 ED2)

prEN IEC 61558-2-12:2022 en

Safety of transformers, reactors, power supply units and combination thereof – Part 2-12: Particular requirements and tests for constant voltage transformers and power supply units for constant voltage (IEC 61558-2-12 ED3)  
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-12: Posebni zahtjevi i ispitivanja za transformatore stalnog napona i jedinice za napajanje za stalni napon (IEC 61558-2-12 ED3)

prEN IEC 62282-4-202:2022 en

Fuel cell technologies – Part 4-202: Fuel cell power system for unmanned aircrafts – Performance test methods (IEC 62282-4-202 ED1)  
Tehnologija gorivih članaka – Dio 4-202: Sustavi gorivih članaka za pogon letjelica bez posade – Metode za ispitivanje značajki (IEC 62282-4-202 ED1)

prEN IEC 62877-1:2022 en

Electrolyte and water for vented lead acid accumulators – Part 1: requirements for electrolyte (IEC 62877-1 ED2)  
Elektrolit i voda za ventilirane olovne akumulatore – 1. dio: Zahtjevi za elektrolit (IEC 62877-1 ED2)

## **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 6, Papir, karton i pulpe**

HRN EN ISO 3037:2013 en

Valoviti karton – Određivanje otpornosti brida na pritisak (metoda nevoštanog brida) (metoda ECT) (ISO 3037:2013; EN ISO 3037:2013)

Corrugated fibreboard – Determination of edgewise crush resistance (unwaxed edge method) (ISO 3037:2013; EN ISO 3037:2013)

- zamijenjena s: HRN EN ISO 3037:2022

HRN EN 20187:2001 en

Papir, karton i pulpe – Standardni klimatski uvjeti za održavanje i ispitivanje, te postupak za praćenje klimatskih uvjeta i održavanje uzoraka u takvim uvjetima (ISO 187:1990; EN 20187:1993)

Paper, board and pulps – Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples (ISO 187:1990; EN 20187:1993)

- zamijenjena s: HRN EN ISO 187:2022

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

HRN ISO 8862:2001 en

Klimatizacija i ventilacija kontrolnih kabina brodskih strojnica – Projektni zahtjevi i osnove za proračun (ISO 8862:1987)

Air-conditioning and ventilation of machinery control rooms on board ships – Design conditions and basis of calculations (ISO 8862:1987)

- bez zamjene

HRN ISO 8863:2001 en

Prozori brodske kormilarnice – Grijanje jednostrukih staklenih ploha s toplim zrakom (ISO 8863:1987)

Ship's wheelhouse windows – Heating by hot air of glass panes (ISO 8863:1987)

- bez zamjene

HRN ISO 8864:2001 en

Klimatizacija i ventilacija brodskih kormilarnica – Projektni uvjeti i osnove proračuna (ISO 8864:1987)

Air-conditioning and ventilation of wheelhouse on board ships – Design conditions and basis of calculations (ISO 8864:1987)

- bez zamjene

HRN ISO 9099:2001 en

Klimatizacija i ventilacija brodskih prostora za suhu hranu – Projektni uvjeti i osnove proračuna (ISO 9099:1987)

Air-conditioning and ventilation of dry provision rooms on board ships – Design condition and basis of calculating (ISO 9099:1987)

- bez zamjene

### **HZN/TO 28, Naftni proizvodi i maziva**

HRN EN ISO 7278-2:2005 en

Tekući ugljikovodici – Dinamičko mjerenje – Ispitni sustavi za provjeru mjerila obujma – 2. dio: Cijevni ispitni uređaji (ISO 7278-2:1988; EN ISO 7278-2:1995)

Liquid hydrocarbons – Dynamic measurement – Proving systems for volumetric meters – Part 2: Pipe provers (ISO 7278-2:1988; EN ISO 7278-2:1995)

- zamijenjena s: HRN EN ISO 7278-2:2022

## **HZN/TO 34, Poljoprivredni i prehrambeni proizvodi**

HRN ISO 7301:2022 en  
Riža – Specifikacija (ISO 7301:2021)  
Rice – Specification (ISO 7301:2021)  
- zamijenjena s: HRN EN ISO 7301:2022

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

HRN EN ISO 10447:2015 en  
Elektrotoporno zavarivanje – Ispitivanje zavara – Ispitivanje točkastih i bradavičastih zavara ljuštenjem i razdvajanjem klinom (ISO 10447:2015; EN ISO 10447:2015)  
Resistance welding – Testing of welds – Peel and chisel testing of resistance spot and projection welds (ISO 10447:2015; EN ISO 10447:2015)  
- zamijenjena s: HRN EN ISO 10447:2022

HRN EN ISO 12153:2013 en  
Dodatni i potrošni materijali za zavarivanje – Elektrode od žice punjene praškom za elektrolučno zavarivanje nikla i legura nikla, sa i bez zaštite plinom – Razredba (ISO 12153:2011; EN ISO 12153:2012)  
Welding consumables – Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys – Classification (ISO 12153:2011; EN ISO 12153:2012)  
- bez zamjene

HRN EN 14700:2014 en  
Dodatni i potrošni materijali za zavarivanje – Dodatni materijali za tvrdo navarivanje (EN 14700:2014)  
Welding consumables – Welding consumables for hard-facing (EN 14700:2014)  
- zamijenjena s: HRN EN 14700:2022

HRN EN ISO 15615:2014 en  
Oprema za plinsko zavarivanje – Acetilenski razdjelni sustavi za zavarivanje, rezanje i srodne postupke – Sigurnosni zahtjevi za visokotlačne uređaje (ISO 15615:2013; EN ISO 15615:2013)  
Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – Safety requirements in high-pressure devices (ISO 15615:2013; EN ISO 15615:2013)  
- zamijenjena s: HRN EN ISO 15615:2022

## **HZN/TO 71, Beton**

HRN EN 14487-1:2005 en  
Mlazni beton – 1. dio: Definicije, specifikacije i sukladnost (EN 14487-1:2005)  
Sprayed concrete – Part 1: Definitions, specifications and conformity (EN 14487-1:2005)  
- zamijenjena s: HRN EN 14487-1:2022

## **HZN/TO 92, Zaštita od požara**

HRN EN 15269-3:2012 en  
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 3. dio: Otpornost na požar zaokretnih drvenih vrata i prozora s drvenim okvirima koji se mogu otvarati (EN 15269-3:2012)  
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 3: Fire resistance of hinged and pivoted timber doorsets and openable timber framed windows (EN 15269-3:2012)  
- zamijenjena s: HRN EN 15269-3:2022

## **HZN/TO 134, Gnojiva i poboljšivači tla**

HRN EN 12580:2013 en  
Poboljšivači tla i supstrati – Određivanje količine (EN 12580:2013)  
Soil improvers and growing media – Determination of a quantity (EN 12580:2013)  
- zamijenjena s: HRN EN 12580:2022

HRN EN 15238:2008 en  
Poboljšivači tla i supstrati – Određivanje količine materijala s česticama većim od 60 mm (EN 15238:2006)  
Soil improvers and growing media – Determination of quantity for materials with particle size greater than 60 mm (EN 15238:2006)  
- zamijenjena s: HRN EN 15238:2022

HRN EN 15238:2008/Ispr.1:2013 en  
Poboljšivači tla i supstrati – Određivanje količine materijala s česticama većim od 60 mm (EN 15238:2006/AC:2009)  
Soil improvers and growing media – Determination of quantity for materials with particle size greater than 60 mm (EN 15238:2006/AC:2009)  
- zamijenjena s: HRN EN 15238:2022

## **HZN/TO 136, Namještaj**

HRN EN 1335-1:2020 en  
Uredski namještaj – Uredske radne stolice – 1. dio: Dimenzije – Određivanje dimenzija (EN 1335-1:2020)  
Office furniture – Office work chair – Part 1: Dimensions – Determination of dimensions (EN 1335-1:2020)  
- zamijenjena s: HRN EN 1335-1:2022

## **HZN/TO 146, Kvaliteta zraka**

HRN ISO 8518:2008 en  
Radna atmosfera – Određivanje olova i spojeva olova u lebdećim česticama – Metoda plamene ili elektrotermičke spektrometrije atomske apsorpcije (ISO 8518:2001)  
Workplace air – Determination of particulate lead and lead compounds – Flame or electrothermal atomic absorption spectrometric method (ISO 8518:2001)  
- zamijenjena s: HRN ISO 8518:2022

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

HRN EN 823:2013 en  
Toplinsko-izolacijski proizvodi za graditeljstvo – Određivanje debljine (EN 823:2013)  
Thermal insulating products for building applications – Determination of thickness (EN 823:2013)  
- zamijenjena s: HRN EN ISO 29466:2022

HRN EN 826:2013 en  
Toplinsko-izolacijski proizvodi za graditeljstvo – Određivanje ponašanja pri tlačnom opterećenju (EN 826:2013)  
Thermal insulating products for building applications – Determination of compression behaviour (EN 826:2013)  
- zamijenjena s: HRN EN ISO 29469:2022

HRN EN 1608:2013 en  
Toplinsko-izolacijski proizvodi za graditeljstvo – Određivanje vlačne čvrstoće u ravnini ploče (EN 1608:2013)  
Thermal insulating products for building applications – Determination of tensile strength parallel to faces (EN 1608:2013)  
- zamijenjena s: HRN EN ISO 29766:2022

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

HRN EN 1888-2:2019 en  
Proizvodi za dojenčad i malu djecu – Dječja kolica – 2. dio: Sklopiva kolica za djecu između 15 i 22 kg težine (EN 1888-2:2018)  
Child care articles – Wheeled child conveyances – Part 2: Pushchairs for children above 15 kg up to 22 kg (EN 1888-2:2018)  
- zamijenjena s: HRN EN 1888-2:2022

## **HZN/TO 182, Geotehničke konstrukcije**

HRS CEN ISO/TS 22475-2:2012 en  
Geotehnička istraživanja i testiranje – Uzorkovanje i mjerenje podzemnih voda – 2. dio: Kriteriji za poduzetnike i osoblje (ISO/TS 22475-2:2006; CEN ISO/TS 22475-2:2006)  
- bez zamjene

HRS CEN ISO/TS 22475-3:2012 en  
Geotehničko istraživanje i ispitivanje – Metode uzorkovanja i mjerenja razine podzemne vode – 3. dio: Neovisna ocjena sukladnosti organizacije i osoblja (ISO/TS 22475-3:2007; CEN ISO/TS 22475-3:2007)  
Geotechnical investigation and testing – Sampling methods and groundwater measurements – Part 3: Conformity assessment of enterprises and personnel by third party (ISO/TS 22475-3:2007; CEN ISO/TS 22475-3:2007)  
- bez zamjene

### **HZN/TO 211, Geoinformacije/Geomatika**

HRN EN ISO 19131:2008 en  
Geoinformacije – Specifikacije podatkovnih proizvoda (ISO 19131:2007; EN ISO 19131:2008)  
Geographic information – Data product specifications (ISO 19131:2007; EN ISO 19131:2008)  
- zamijenjena s: HRN EN ISO 19131:2022

HRN EN ISO 19131:2008/A1:2013 en  
Geoinformacije – Specifikacije podatkovnih proizvoda – Amandman 1: Zahtjevi koji se odnose na uključivanje aplikacijske sheme i kataloga objekta te uporaba sloja pokrivenosti u aplikacijskoj shemi (ISO 19131:2007/Amd 1:2011; EN ISO 19131:2008/A1:2011)  
Geographic information – Data product specifications – Amendment 1: Requirements relating to the inclusion of an application schema and feature catalogue and the treatment of coverages in an application schema (ISO 19131:2007/Amd 1:2011; EN ISO 19131:2008/A1:2011)  
- zamijenjena s: HRN EN ISO 19131:2022

### **HZN/TO 238, Čvrsta biogoriva**

HRN EN ISO 18122:2015 en  
Čvrsta biogoriva – Određivanje udjela pepela (ISO 18122:2015; EN ISO 18122:2015)  
Solid biofuels – Determination of ash content (ISO 18122:2015; EN ISO 18122:2015)  
- zamijenjena s: HRN EN ISO 18122:2022

### **HZN/TO 502, Plinski uređaji**

HRN EN 298:2012 en  
Automatski regulacijski (upravljački) sustavi za plamenike i uređaje za plinovita ili tekuća goriva (EN 298:2012)  
Automatic burner control systems for burners and appliances burning gaseous or liquid fuels (EN 298:2012)  
- zamijenjena s: HRN EN 298:2022

HRN EN 1643:2014 en  
Sigurnosni i kontrolni uređaji za plinske plamenike i plinske uređaje – Sustavi za nadzor ventila za automatske zaporne ventile (EN 1643:2014)  
Safety and control devices for gas burners and gas burning appliances – Valve proving systems for automatic shut-off valves (EN 1643:2014)  
- zamijenjena s: HRN EN 1643:2022

HRN EN 12067-2:2008 en  
Regulator omjera plina i zraka za plinske plamenike i plinske uređaje – 2. dio: Elektronički tip (EN 12067-2:2004)  
Gas/air ratio controls for gas burners and gas burning appliances – Part 2: Electronic types (EN 12067-2:2004)  
- zamijenjena s: HRN EN 12067-2:2022

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

HRN EN ISO 1179-2:2014 en  
Priključci za opću upotrebu i namjenu u hidraulici – Navojni otvori i navojni čepovi s navojima ISO 228-1 s elastomernim brtvljenjem ili brtvljenjem metal na metal – 2. dio: Navojni čepovi za teške uvjete rada (S niz) i lake uvjete rada (L niz) s elastomernim brtvljenjem (tip E) (ISO 1179-2:2013; EN ISO 1179-2:2013)  
Connections for general use and fluid power – Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing – Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E) (ISO 1179-2:2013; EN ISO 1179-2:2013)  
- zamijenjena s: HRN EN ISO 1179-2:2022

HRN EN 10025-4:2019 en  
Toplo valjani proizvodi od konstrukcijskih čelika – 4. dio: Tehnički uvjeti isporuke za termomehanički valjane zavarljive sitnozrnate konstrukcijske čelike (EN 10025-4:2019)  
Hot rolled products of structural steels – Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels (EN 10025-4:2019)  
- zamijenjena s: HRN EN 10025-4:2022

HRN EN 10025-6:2019 en  
Toplo valjani proizvodi od konstrukcijskih čelika – 6. dio: Tehnički uvjeti isporuke za plosnate proizvode od konstrukcijskih čelika s visokom granicom razvlačenja u poboljšanom stanju (EN 10025-6:2019)  
Hot rolled products of structural steels – Part 6: Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition (EN 10025-6:2019)  
- zamijenjena s: HRN EN 10025-6:2022

HRN EN ISO 14284:2003 en  
Čelik i željezo – Uzorkovanje i priprema uzoraka za određivanje kemijskog sastava (ISO 14284:1996; EN ISO 14284:2002)  
Steel and iron – Sampling and preparation of samples for the determination of chemical composition (ISO 14284:1996; EN ISO 14284:2002)  
- zamijenjena s: HRN EN ISO 14284:2022

### **HZN/TO 504, Korozija i zaštita metala i legura**

HRN EN ISO 9227:2017 en  
Ispitivanje korozije u umjetnoj atmosferi – Metoda ispitivanja u slanoj komori (ISO 9227:2017; EN ISO 9227:2017)  
Corrosion tests in artificial atmospheres – Salt spray tests (ISO 9227:2017; EN ISO 9227:2017)  
- zamijenjena s: HRN EN ISO 9227:2022

HRN EN ISO 10062:2008 en  
Ispitivanje korozije u umjetnoj atmosferi pri vrlo niskim koncentracijama plinovitog (plinovitih) onečišćenja (ISO 10062:2006; EN ISO 10062:2008)  
Corrosion tests in artificial atmosphere at very low concentrations of polluting gas(es) (ISO 10062:2006; EN ISO 10062:2008)  
- zamijenjena s: HRN EN ISO 10062:2022

HRN EN 14571:2007 en  
Metalne prevlake na nemetalnim osnovnim materijalima – Mjerenje debljine prevlaka – Mikrootporna metoda (EN 14571:2005)  
Metallic coatings on nonmetallic basis materials – Measurement of coating thickness – Microresistivity method (EN 14571:2005)  
- zamijenjena s: HRN EN ISO 14571:2022

HRN EN 15771:2011 en  
Staklasti i porculanski emajli – Određivanje površinske tvrdoće prema Mohsu (EN 15771:2010)  
Vitrous and porcelain enamels – Determination of surface scratch hardness according to the Mohs scale (EN 15771:2010)  
- zamijenjena s: HRN EN ISO 6769:2022

HRN EN 16866:2017 en  
Metalne i druge anorganske prevlake – Simultano određivanje debljine i potencijala elektrode pojedinih slojeva pri višeslojnim nanosima nikla (STEP ispitivanje) (EN 16866:2017)  
Metallic and other inorganic coatings – Simultaneous thickness and electrode potential determination of individual layers in multilayer nickel deposits (STEP test) (EN 16866:2017)  
- zamijenjena s: HRN EN ISO 16866:2022

HRN EN ISO 28765:2016 en  
Staklasti i porculanski emajli – Projektiranje čeličnih spremnika spojenih vijcima za skladištenje ili obradu vode ili komunalnih ili industrijskih ispusta i mulja (ISO 28765:2016; EN ISO 28765:2016)  
Vitrous and porcelain enamels – Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges (ISO 28765:2016; EN ISO 28765:2016)  
- zamijenjena s: HRN EN ISO 28765:2022

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

HRN EN ISO 13704:2008 en  
Industrija nafte, petrokemije i prirodnog plina – Proračun debljine stijenske cijevi u procesnim pećima u rafinerijama nafte (ISO 13704:2007; EN ISO 13704:2007)  
Petroleum, petrochemical and natural gas industries – Calculation of heater-tube thickness in petroleum refineries (ISO 13704:2007; EN ISO 13704:2007)  
- zamijenjena s: HRN EN ISO 13704:2022

HRN EN ISO 13704:2008/Ispr.1:2014 en  
Industrija nafte, petrokemije i prirodnog plina – Proračun debljine stijenske cijevi u procesnim pećima u rafinerijama nafte (ISO 13704:2007/Cor 1:2008; EN ISO 13704:2007/AC:2009)  
Petroleum, petrochemical and natural gas industries – Calculation of heater-tube thickness in petroleum refineries (ISO 13704:2007/Cor 1:2008; EN ISO 13704:2007/AC:2009)  
- zamijenjena s: HRN EN ISO 13704:2022

## **HZN/TO 513, Mjerne jedinice i mjerila**

HRN EN 13757-6:2015 en  
Komunikacijski sustavi za mjerila – 6. dio: Lokalna sabirnica (EN 13757-6:2015)  
Communication systems for meters – Part 6: Local Bus (EN 13757-6:2015)  
- bez zamjene

## **HZN/TO 515, Žičare, uspinjače i vučnice**

HRN EN 12929-1:2015 en  
Sigurnosni zahtjevi za žičare za prijevoz osoba – Opći zahtjevi – 1. dio: Zahtjevi za sva postrojenja (EN 12929-1:2015)  
Safety requirements for cableway installations designed to carry persons – General requirements – Part 1: Requirements for all installations (EN 12929-1:2015)  
- zamijenjena s: HRN EN 12929-1:2022

HRN EN 13796-3:2017 en  
Sigurnosni zahtjevi za žičare za prijevoz osoba – Vozila – 3. dio: Ispitivanje zamora materijala (EN 13796-3:2017)  
Safety requirements for cableway installations designed to carry persons – Carriers – Part 3: Fatigue testing (EN 13796-3:2017)  
- zamijenjena s: HRN EN 13796-3:2022

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

HRN EN 15531-2:2015 en  
Javni prijevoz – Sučelje servisa za informiranje o statusu javnoga prijevoza u realnom vremenu – 2. dio: Komunikacije (EN 15531-2:2015)  
Public transport – Service interface for real-time information relating to public transport operations – Part 2: Communications (EN 15531-2:2015)  
- zamijenjena s: HRN EN 15531-2:2022

HRS CEN/TS 17413:2020 en  
Inteligentni transportni sustavi – Gradski ITS – Modeli i definicije za nove načine rada (CEN/TS 17413:2020)  
Intelligent transport systems – Urban ITS – Models and definitions for new modes (CEN/TS 17413:2020)  
- zamijenjena s: HRN EN 12896-10:2022

## **HZN/TO 525, Hidroizolacijski materijali i proizvodi za pokrivanje krovova**

HRN EN 14437:2004 en  
Određivanje otpora odizanju položenih glinenih ili betonskih crjepova – Ispitna metoda za krovne sustave (EN 14437:2004)  
Determination of the uplift resistance of installed clay or concrete tiles for roofing – Roof system test method (EN 14437:2004)  
- zamijenjena s: HRN EN 14437:2022

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

HRN EN 12846-1:2011 en  
Bitumen i bitumenska veziva – Određivanje vremena istjecanja viskozimetrom za istjecanje – 1. dio: Bitumenske emulzije (EN 12846-1:2011)  
Bitumen and bituminous binders – Determination of efflux time by the efflux viscometer – Part 1: Bituminous emulsions (EN 12846-1:2011)  
- zamijenjena s: HRN EN 12846-1:2022

HRN EN 12846-2:2011 en  
Bitumen i bitumenska veziva – Određivanje vremena istjecanja viskozimetrom za istjecanje – 2. dio: Razrijeđena i omekšana bitumenska veziva (EN 12846-2:2011)  
Bitumen and bituminous binders – Determination of efflux time by the efflux viscometer – Part 2: Cut-back and fluxed bituminous binders (EN 12846-2:2011)  
- zamijenjena s: HRN EN 12846-2:2022

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

HRN EN 15085-3:2008 en  
Željeznički sustav – Zavarivanje željezničkih vozila i sastavnih dijelova – 3. dio: Zahtjevi za projektiranje (EN 15085-3:2007)  
Railway applications – Welding of railway vehicles and components – Part 3: Design requirements (EN 15085-3:2007)  
- zamijenjena s: HRN EN 15085-3:2022

HRN EN 15085-3:2008/Ispr.1:2010 en  
Željeznički sustav – Zavarivanje željezničkih vozila i sastavnih dijelova – 3. dio: Zahtjevi za projektiranje (EN 15085-3:2007/AC:2009)  
Railway applications – Welding of railway vehicles and components – Part 3: Design requirements (EN 15085-3:2007/AC:2009)  
- zamijenjena s: HRN EN 15085-3:2022

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

HRN EN 1493:2010 en  
Dizala za vozila (EN 1493:2010)  
Vehicle lifts (EN 1493:2010)  
- zamijenjena s: HRN EN 1493:2022

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

HRN EN ISO 7623:2016 en  
Transportne trake s čeličnom užadi – Ispitivanje veze užadi i obloge – Početno ispitivanje i ispitivanje nakon toplinske obrade (ISO 7623:2015; EN ISO 7623:2015)  
Steel cord conveyor belts – Cord-to-coating bond test – Initial test and after thermal treatment (ISO 7623:2015; EN ISO 7623:2015)  
- zamijenjena s: HRN EN ISO 7623:2022

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

HRN EN ISO 306:2013 en  
Plastika – Plastomerni materijali – Određivanje temperature omekšavanja po Vicatu (VST) (ISO 306:2013; EN ISO 306:2013)  
Plastics – Thermoplastic materials – Determination of Vicat softening temperature (VST) (ISO 306:2013; EN ISO 306:2013)  
- zamijenjena s: HRN EN ISO 306:2022

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

HRN EN 12098-1:2017 en  
Energijiska svojstva zgrada – Upravljanje sustavima grijanja – 1. dio: Oprema za upravljanje sustavima toplovodnog grijanja – Moduli M3-5,6,7,8 (EN 12098-1:2017)  
Energy Performance of Buildings – Controls for heating systems – Part 1: Control equipment for hot water heating systems – Modules M3-5, 6, 7, 8 (EN 12098-1:2017)  
- zamijenjena s: HRN EN 12098-1:2022



HRN EN 12098-3:2017 en

Energijska svojstva zgrada – Upravljanje sustavima grijanja – 3. dio: Oprema za upravljanje sustavima električnog grijanja – Moduli M3-5,6,7,8 (EN 12098-3:2017)  
Energy Performance of Buildings – Controls for heating systems – Part 3: Control equipment for electrical heating systems – Modules M3-5,6,7,8 (EN 12098-3:2017)  
- zamijenjena s: HRN EN 12098-3:2022

HRN EN 12098-5:2017 en

Energijska svojstva zgrada – Upravljanje sustavima grijanja – 5. dio: Raspored pokretanja i zaustavljanja sustava grijanja – Moduli M3-5,6,7,8 (EN 12098-5:2017)  
Energy Performance of Buildings – Controls for heating systems – Part 5: Start-stop schedulers for heating systems – Modules M3-5,6,7,8 (EN 12098-5:2017)  
- zamijenjena s: HRN EN 12098-3:2022, HRN EN 12098-1:2022

HRN EN 14908-6:2015 en

Otvorena podatkovna komunikacija za automatizaciju, regulaciju i upravljanje u zgradarstvu – Protokol za mrežno upravljanje – 6. dio: Elementi aplikacije (EN 14908-6:2014)  
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 6: Application elements (EN 14908-6:2014)  
- zamijenjena s: HRN EN 14908-6:2022

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

HRN EN 867-5:2008 en

Nebioški sustavi za uporabu u sterilizatorima – 5. dio: Specifikacija za indikatorske sustave i uređaje za ispitivanje postupka za uporabu pri ispitivanju svojstava malih sterilizatora tipa B i tipa S (EN 867-5:2001)  
Non-biological systems for use in sterilizers – Part 5: Specification for indicator systems and process challenge devices for use in performance testing for small sterilizers type B and type S (EN 867-5:2001)  
- zamijenjena s: HRN EN ISO 11140-6:2022

HRN EN ISO 10993-2:2008 en

Biološka procjena medicinskih proizvoda – 2. dio: Zahtjevi za životinjsku skrb (ISO 10993-2:2006; EN ISO 10993-2:2006)  
Biological evaluation of medical devices – Part 2: Animal welfare requirements (ISO 10993-2:2006; EN ISO 10993-2:2006)  
- zamijenjena s: HRN EN ISO 10993-2:2022

HRN EN ISO 14644-4:2005 en

Čisti prostori i odgovarajući kontrolirani okoliš – 4. dio: Projektiranje, izvedba i pokretanje (ISO 14644-4:2001; EN ISO 14644-4:2001)  
Cleanrooms and associated controlled environments – Part 4: Design, construction and start-up (ISO 14644-4:2001; EN ISO 14644-4:2001)  
- zamijenjena s: HRN EN ISO 14644-4:2022

HRN EN ISO 15189:2012 en

Medicinski laboratoriji – Zahtjevi za kvalitetu i osposobljenost (ISO 15189:2012, ispravljena verzija 2014-08-15; EN ISO 15189:2012)  
Medical laboratories – Requirements for quality and competence (ISO 15189:2012, Corrected version 2014-08-15; EN ISO 15189:2012)  
- zamijenjena s: HRN EN ISO 15189:2022

HRN EN ISO 22870:2016 en

Pretrage uz bolesnika (POCT) – Zahtjevi za kvalitetu i osposobljenost (ISO 22870:2016; EN ISO 22870:2016)  
Point-of-care testing (POCT) – Requirements for quality and competence (ISO 22870:2016; EN ISO 22870:2016)  
- zamijenjena s: HRN EN ISO 15189:2022

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

HRN EN ISO 10497:2010 en

Ispitivanje zapornih uređaja – Zahtjevi za ispitivanja od požara (ISO 10497:2010; EN ISO 10497:2010)  
Testing of valves – Fire type-testing requirements (ISO 10497:2010; EN ISO 10497:2010)  
- zamijenjena s: HRN EN ISO 10497:2022

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

HRN EN 16923:2017 en

Hrana – Određivanje T-2 i HT-2 toksina u žitaricama i hrani na bazi žitarica za dojenčad i malu djecu upotrebom LC-MS/MS nakon SPE pročišćavanja (EN 16923:2017)  
Foodstuffs – Determination of T-2 toxin and HT-2 toxin in cereals and cereal products for infants and young children by LC-MS/MS after SPE cleanup (EN 16923:2017)  
- zamijenjena s: HRN EN 16923:2022

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

HRN EN 927-2:2014 en

Boje i lakovi – Premazna sredstva i premazni sustavi za drvo u vanjskim prostorima – 2. dio: Specifikacija svojstava (EN 927-2:2014)  
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 2: Performance specification (EN 927-2:2014)  
- zamijenjena s: HRN EN 927-2:2022

HRN EN ISO 1522:2008 en

Boje i lakovi – Ispitivanje klatnom (ISO 1522:2006; EN ISO 1522:2006)  
Paints and varnishes – Pendulum damping test (ISO 1522:2006; EN ISO 1522:2006)  
- zamijenjena s: HRN EN ISO 1522:2022

HRN EN ISO 3262-6:1999 en

Punila za boje – Specifikacije i metode ispitivanja – 6. dio: Istaloženi kalcijev karbonat (ISO 3262-6:1998; EN ISO 3262-6:1998)  
Extenders for paints – Specifications and methods of test – Part 6: Precipitated calcium carbonate (ISO 3262-6:1998; EN ISO 3262-6:1998)  
- zamijenjena s: HRN EN ISO 3262-6:2022

HRN EN ISO 4628-5:2016 en

Boje i lakovi – Procjena propadanja prevlaka – Označavanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 5. dio: Ocjena stupnja ljuštenja (ISO 4628-5:2016; EN ISO 4628-5:2016)  
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of flaking (ISO 4628-5:2016; EN ISO 4628-5:2016)  
- zamijenjena s: HRN EN ISO 4628-5:2022

HRN EN ISO 7784-3:2016 en

Boje i lakovi – Određivanje otpornosti na habanje – 3. dio: Metoda s kotačem pokrivenim abrazivnim papirom i linearnim naizmjeničnim gibanjem ispitnog uzorka (ISO 7784-3:2016; EN ISO 7784-3:2016)  
Paints and varnishes – Determination of resistance to abrasion – Part 3: Method with abrasive-paper covered wheel and linearly reciprocating test specimen (ISO 7784-3:2016; EN ISO 7784-3:2016)  
- zamijenjena s: HRN EN ISO 7784-3:2022

HRN EN ISO 11127-6:2012 en

Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Ispitne metode za nemetalne abrazive za čišćenje mlazom – 6. dio: Određivanje onečišćenja topljivih u vodi mjerenjem vodljivosti (ISO 11127-6:2011; EN ISO 11127-6:2011)  
Preparation of steel substrates before application of paints and related products – Test methods for non-metallic blast-cleaning abrasives – Part 6: Determination of water-soluble contaminants by conductivity measurement (ISO 11127-6:2011; EN ISO 11127-6:2011)  
- zamijenjena s: HRN EN ISO 11127-6:2022

HRN EN ISO 11127-7:2012 en

Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Ispitne metode za nemetalne abrazive za čišćenje mlazom – 7. dio: Određivanje klorida topljivih u vodi (ISO 11127-7:2011; EN ISO 11127-7:2011)  
Preparation of steel substrates before application of paints and related products – Test methods for non-metallic blast-cleaning abrasives – Part 7: Determination of water-soluble chlorides (ISO 11127-7:2011; EN ISO 11127-7:2011)  
- zamijenjena s: HRN EN ISO 11127-7:2022

HRN EN 13300:2002 en

Boje i lakovi – Prekrivni materijali i prekrivna sredstva za unutarnje zidove i stropove, razrijedivi vodom – Razredba (EN 13300:2001)  
Paints and varnishes – Water-borne coating materials and coating systems for interior walls and ceilings – Classification (EN 13300:2001)  
- zamijenjena s: HRN EN 13300:2022

HRN EN ISO 18314-3:2019 en

Analiitička kolorimetrija – 3. dio: Posebni indeksi (ISO 18314-3:2015; EN ISO 18314-3:2018)  
Analytical colorimetry – Part 3: Special indices (ISO 18314-3:2015; EN ISO 18314-3:2018)  
- zamijenjena s: HRN EN ISO 18314-3:2022

## **HZN/TU I2, Strojarstvo 2**

HRN EN 303-5:2021 en

Toplovodni kotlovi – 5. dio: Kotlovi na kruto gorivo, ručno i automatski loženi, nazivne toplinske snage do 500 kW – Nazivlje, zahtjevi, ispitivanje i označivanje (EN 303-5:2021)  
Heating boilers – Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW – Terminology, requirements, testing and marking (EN 303-5:2021)  
- zamijenjena s: HRN EN 303-5:2022

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

HRN EN ISO 8872:2008 en

Aluminijski poklopci za transfuzijske, infuzijske i injekcijske boce – Opći zahtjevi i metode ispitivanja (ISO 8872:2003; EN ISO 8872:2003)  
Aluminium caps for transfusion, infusion and injection bottles – General requirements and test methods (ISO 8872:2003; EN ISO 8872:2003)  
- zamijenjena s: HRN EN ISO 8872:2022

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

HRN EN 2266-008:2015 en

Zrakoplovstvo – Kabeli, električni, opće namjene – Radna temperatura između -55 °C i 200 °C – Dio 008: Porodica DRP (parični), DRT (trožilni), DRQ (četverožilni), ispitivanje pomoću UV lasera višezilnog obloženog kabela – Norma za proizvod (EN 2266-008:2015)  
Aerospace series – Cables, electrical, for general purpose – Operating temperatures between -55 °C and 200 °C – Part 008: DRP (pair) DRT (3 cores) DRQ (4 cores) family, multicore UV laser printable jacketed cable – Product standard (EN 2266-008:2015)  
- zamijenjena s: HRN EN 2266-008:2022

HRN EN 2559:2008 en

Nizovi o zrakoplovstvu – Ojačana ugljična vlakna – Određivanje sadržaja smole i vlakana i mase vlakana po jedinici prostora (EN 2559:1997)  
Aerospace series – Carbon fibre preimpregnates – Determination of the resin and fibre content and the mass of fibre per unit area (EN 2559:1997)  
- zamijenjena s: HRN EN 2559:2022

HRN EN 12312-15:2020 en

Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 15. dio: Traktori za prtljagu i opremu (EN 12312-15:2020)  
Aircraft ground support equipment – Specific requirements – Part 15: Baggage and equipment tractors (EN 12312-15:2020)  
- zamijenjena s: HRN EN 12312-15:2022

## **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 163, Toplinska izolacija**

#### **• umjesto**

HRN EN ISO 12241:2022

Toplinsko izoliranje kućnih i industrijskih instalacija – Pravila proračuna (ISO 12241:2022; EN ISO 12241:2022)  
Thermal insulation for building equipment and industrial installations – Calculation rules (ISO 12241:2022; EN ISO 12241:2022)

#### **• treba biti**

HRN EN ISO 12241:2022

Toplinsko izoliranje kućnih i industrijskih instalacija – Pravila proračuna (ISO 12241:2022, **ispravljena verzija 2022-11**; EN ISO 12241:2022)  
Thermal insulation for building equipment and industrial installations – Calculation rules (ISO 12241:2022, **Corrected version 2022-11**; EN ISO 12241:2022)

## 1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

### HZN/ TU V1, *Elektronika 1*

HRN EN 50090-7-1:2008 en pr  
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 7-1: Sustav upravljanja – Postupci upravljanja (EN 50090-7-1:2004)  
Home and Building Electronic Systems (HBES) – Part 7-1: System management – Management procedures (EN 50090-7-1:2004)

HRN EN 50201:2008 en pr  
Sučelja za DVB-IRD (EN 50201:2001)  
Interfaces for DVB-IRD (EN 50201:2001)

HRN EN 50255:2008 en pr  
Digitalni sustav audio radiodifuzije (DAB, Digital Audio Broadcasting) – Specifikacija podatkovnog sučelja prijarnika (RDI, Receiver Data Interface) (EN 50255:1997+AC:2002)  
Digital Audio Broadcasting system – Specification of the Receiver Data Interface (RDI) (EN 50255:1997+AC:2002)

HRN EN 60154-1:2016 en pr  
Prirubnice valovoda – 1. dio: Opći zahtjevi (IEC 60154-1:2016; EN 60154-1:2016)  
Flanges for waveguides – Part 1: General requirements (IEC 60154-1:2016; EN 60154-1:2016)

HRN EN 60154-2:2016 en pr  
Prirubnice valovoda – 2. dio: Posebne specifikacije prirubnica za obične pravokutne valovode (IEC 60154-2:2016; EN 60154-2:2016)  
Flanges for waveguides – Part 2: Relevant specifications for flanges for ordinary rectangular waveguides (IEC 60154-2:2016; EN 60154-2:2016)

HRN EN 60154-4:2017 en pr  
Prirubnice valovoda – 4. dio: Posebne specifikacije prirubnica za kružne valovode (IEC 60154-4:2017; EN 60154-4:2017)  
Flanges for waveguides – Part 4: Relevant specifications for flanges for circular waveguides (IEC 60154-4:2017; EN 60154-4:2017)

HRN EN 60205:2017 en pr  
Proračun efektivnih parametara magnetskih dijelova (IEC 60205:2016; EN 60205:2017)  
Calculation of the effective parameters of magnetic piece parts (IEC 60205:2016; EN 60205:2017)

HRN EN 60286-1:2018 en pr  
Pakiranje komponenata za automatsko rukovanje – 1. dio: Pakiranje komponenata s aksijalnim vodovima neprekidnim trakama (IEC 60286-1:2017; EN 60286-1:2017)  
Packaging of components for automatic handling – Part 1: Tape packaging of components with axial leads on continuous tapes (IEC 60286-1:2017; EN 60286-1:2017)

HRN EN 60352-5:2012 en pr  
Nelemljeni spojevi – 5. dio: Utisnuti spojevi – Opći zahtjevi, metode ispitivanja i praktične upute (IEC 60352-5:2012; EN 60352-5:2012)  
Solderless connections – Part 5: Press-in connections – General requirements, test methods and practical guidance (IEC 60352-5:2012; EN 60352-5:2012)

HRN EN 60352-5:2012/Ispr.1:2016 en pr  
Nelemljeni spojevi – 5. dio: Utisnuti spojevi – Opći zahtjevi, metode ispitivanja i praktične upute (IEC 60352-5:2012/Corr.1:2014; EN 60352-5:2012/AC:2014)  
Solderless connections – Part 5: Press-in connections – General requirements, test methods and practical guidance (IEC 60352-5:2012/Corr.1:2014; EN 60352-5:2012/AC:2014)

HRN EN 60352-7:2008 en pr  
Nelemljeni spojevi – 7. dio: Spojevi opružnih stezaljki – Opći zahtjevi, metode ispitivanja i praktične upute (IEC 60352-7:2002; EN 60352-7:2002)  
Solderless connections – Part 7: Spring clamp connections – General requirements, test methods and practical guidance (IEC 60352-7:2002; EN 60352-7:2002)

HRN EN 60384-1:2016 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 1. dio: Opća specifikacija (IEC 60384-1:2016; EN 60384-1:2016)  
Fixed capacitors for use in electronic equipment – Part 1: Generic specification (IEC 60384-1:2016; EN 60384-1:2016)

HRN EN 60384-2:2012 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 2. dio: Sekcijska specifikacija – Fiksni kondenzatori za istosmjerni napon s dielektrikom od metalizirane polietilentetraftalatske folije (IEC 60384-2:2011; EN 60384-2:2012)  
Fixed capacitors for use in electronic equipment – Part 2: Sectional specification – Fixed metallized polyethylene-terephthalate film dielectric d.c. capacitors (IEC 60384-2:2011; EN 60384-2:2012)

HRN EN 60384-8:2015 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 8. dio: Sekcijska specifikacija: Fiksni kondenzatori s keramičkim dielektrikom, razreda 1 (IEC 60384-8:2015; EN 60384-8:2015)  
Fixed capacitors for use in electronic equipment – Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1 (IEC 60384-8:2015; EN 60384-8:2015)

HRN EN 60384-8-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 8-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori s keramičkim dielektrikom, razreda 1 – Razina ocjenjivanja EZ (IEC 60384-8-1:2005; EN 60384-8-1:2005)  
Fixed capacitors for use in electronic equipment – Part 8-1: Blank detail specification – Fixed capacitors of ceramic dielectric, Class 1 – Assessment level EZ (IEC 60384-8-1:2005; EN 60384-8-1:2005)

HRN EN 60384-9:2015 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 9. dio: Sekcijska specifikacija: Fiksni kondenzatori s keramičkim dielektrikom, razreda 2 (IEC 60384-9:2015; EN 60384-9:2015)  
Fixed capacitors for use in electronic equipment – Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2 (IEC 60384-9:2015; EN 60384-9:2015)

HRN EN 60384-9-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 9-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori s keramičkim dielektrikom, razreda 2 – Razina ocjenjivanja EZ (IEC 60384-9-1:2005; EN 60384-9-1:2005)  
Fixed capacitors for use in electronic equipment – Part 9-1: Blank detail specification – Fixed capacitors of ceramic dielectric, Class 2 – Assessment level EZ (IEC 60384-9-1:2005; EN 60384-9-1:2005)

HRN EN 60384-11-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 11-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori za istosmjerni napon s dielektrikom od polietilentetraftalata i metalnom folijom – Razina ocjenjivanja EZ (IEC 60384-11-1:2008; EN 60384-11-1:2008)  
Fixed capacitors for use in electronic equipment – Part 11-1: Blank detail specification – Fixed polyethylene-terephthalate film dielectric metal foil d.c. capacitors – Assessment level EZ (IEC 60384-11-1:2008; EN 60384-11-1:2008)

HRN EN 60384-13:2012 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 13. dio: Sekcijska specifikacija – Fiksni kondenzatori za istosmjerni napon s dielektrikom od polipropilena i metalnom folijom (IEC 60384-13:2011; EN 60384-13:2012)  
Fixed capacitors for use in electronic equipment – Part 13: Sectional specification – Fixed polypropylene film dielectric metal foil d.c. capacitors (IEC 60384-13:2011; EN 60384-13:2012)

- HRN EN 60384-13-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 13-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori za istosmjerni napon s dielektrikom od polipropilena i metalnom folijom – Razina ocjenjivanja E (IEC 60384-13-1:2006; EN 60384-13-1:2006)  
Fixed capacitors for use in electronic equipment – Part 13-1: Blank detail specification – Fixed polypropylene film dielectric metal foil d.c. capacitors – Assessment level E (IEC 60384-13-1:2006; EN 60384-13-1:2006)
- HRN EN 60384-13-1:2008/Ispr.1:2009 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 13-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori za istosmjerni napon s dielektrikom od polipropilena i metalnom folijom – Razina ocjenjivanja E (EN 60384-13-1:2006/AC:2009)  
Fixed capacitors for use in electronic equipment – Part 13-1: Blank detail specification – Fixed polypropylene film dielectric metal foil d.c. capacitors – Assessment level E (EN 60384-13-1:2006/AC:2009)
- HRN EN 60384-16-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 16-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori za istosmjerni napon s dielektrikom od metalizirane polipropilenske folije – Razina ocjenjivanja E i EZ (IEC 60384-16-1:2005; EN 60384-16-1:2005)  
Fixed capacitors for use in electronic equipment – Part 16-1: Blank detail specification – Fixed metallized polypropylene film dielectric d.c. capacitors – Assessment levels E and EZ (IEC 60384-16-1:2005; EN 60384-16-1:2005)
- HRN EN IEC 60384-17:2019 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 17. dio: Sekcijska specifikacija – Fiksni kondenzatori za izmjenični napon i impulsni pogon s dielektrikom od metalizirane polipropilenske folije (IEC 60384-17:2019; EN IEC 60384-17:2019)  
Fixed capacitors for use in electronic equipment – Part 17: Sectional specification: Fixed metallized polypropylene film dielectric a.c. and pulse capacitors (IEC 60384-17:2019; EN IEC 60384-17:2019)
- HRN EN 60384-17-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 17-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori za izmjenični napon i impulsni pogon s dielektrikom od metalizirane polipropilenske folije – Razina ocjenjivanja E i EZ (IEC 60384-17-1:2005; EN 60384-17-1:2005)  
Fixed capacitors for use in electronic equipment – Part 17-1: Blank detail specification – Fixed metallized polypropylene film dielectric a.c. and pulse capacitors – Assessment levels E and EZ (IEC 60384-17-1:2005; EN 60384-17-1:2005)
- HRN EN 60384-19:2016 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 19. dio: Sekcijska specifikacija: Fiksni kondenzatori za istosmjerni napon s dielektrikom od metalizirane polietilentetraftalatske folije za površinsku ugradnju (IEC 60384-19:2015; EN 60384-19:2015)  
Fixed capacitors for use in electronic equipment – Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (IEC 60384-19:2015; EN 60384-19:2015)
- HRN EN 60384-19-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 19-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori za istosmjerni napon s dielektrikom od metalizirane polietilentetraftalatske folije za površinsku ugradnju – Razina ocjenjivanja EZ (IEC 60384-19-1:2006; EN 60384-19-1:2006)  
Fixed capacitors for use in electronic equipment – Part 19-1: Blank detail specification – Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors – Assessment level EZ (IEC 60384-19-1:2006; EN 60384-19-1:2006)
- HRN EN 60384-19-1:2008/Ispr.1:2014 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 19-1: Predložak za detaljnu specifikaciju – Fiksni kondenzatori za istosmjerni napon s dielektrikom od metalizirane polietilentetraftalatske folije za površinsku ugradnju – Razina ocjenjivanja EZ (EN 60384-19-1:2006/AC:2006)  
Fixed capacitors for use in electronic equipment – Part 19-1: Blank detail specification – Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors – Assessment level EZ (EN 60384-19-1:2006/AC:2006)
- HRN EN 60384-21-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 21-1: Predložak za detaljnu specifikaciju – Fiksni višeslojni kondenzatori za površinsku montažu s keramičkim dielektrikom, razreda 1 – Razina ocjenjivanja EZ (IEC 60384-21-1:2004+Corr.1:2004; EN 60384-21-1:2004)  
Fixed capacitors for use in electronic equipment – Part 21-1: Blank detail specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 – Assessment level EZ (IEC 60384-21-1:2004+Corr.1:2004; EN 60384-21-1:2004)
- HRN EN 60384-22-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 22-1: Predložak za detaljnu specifikaciju – Fiksni višeslojni kondenzatori za površinsku montažu s keramičkim dielektrikom, razreda 2 – Razina ocjenjivanja EZ (IEC 60384-22-1:2004+Corr.1:2004; EN 60384-22-1:2004)  
Fixed capacitors for use in electronic equipment – Part 22-1: Blank detail specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 – Assessment level EZ (IEC 60384-22-1:2004+Corr.1:2004; EN 60384-22-1:2004)
- HRN EN 60384-24:2016 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 24. dio: Sekcijska specifikacija – Fiksni elektrolitski kondenzatori od tantala s vodljivim krutim polimernim elektrolitom za površinsku ugradnju (IEC 60384-24:2015; EN 60384-24:2015)  
Fixed capacitors for use in electronic equipment – Part 24: Sectional specification – Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-24:2015; EN 60384-24:2015)
- HRN EN 60384-24:2016/Ispr.1:2017 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 24. dio: Sekcijska specifikacija – Fiksni elektrolitski kondenzatori od tantala s vodljivim krutim polimernim elektrolitom za površinsku ugradnju (IEC 60384-24:2015/Corr.1:2016; EN 60384-24:2015/AC:2017)  
Fixed capacitors for use in electronic equipment – Part 24: Sectional specification – Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-24:2015/Corr.1:2016; EN 60384-24:2015/AC:2017)
- HRN EN 60384-24-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 24-1: Predložak za detaljnu specifikaciju – Fiksni elektrolitski kondenzatori od tantala s vodljivim krutim polimernim elektrolitom za površinsku ugradnju – Razina ocjenjivanja EZ (IEC 60384-24-1:2006; EN 60384-24-1:2006)  
Fixed capacitors for use in electronic equipment – Part 24-1: Blank detail specification – Surface mount fixed tantalum electrolytic capacitors with conductive polymer solid electrolyte – Assessment level EZ (IEC 60384-24-1:2006; EN 60384-24-1:2006)
- HRN EN 60384-25:2016 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 25. dio: Sekcijska specifikacija – Fiksni aluminijski elektrolitski kondenzatori s vodljivim krutim polimernim elektrolitom za površinsku ugradnju (IEC 60384-25:2015; EN 60384-25:2015)  
Fixed capacitors for use in electronic equipment – Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-25:2015; EN 60384-25:2015)



- HRN EN 60384-25-1:2008 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 25-1: Predložak za detaljnu specifikaciju – Fiksni aluminijski elektrolitski kondenzatori s vodljivim krutim polimernim elektrolitom za površinsku ugradnju – Razina ocjenjivanja EZ (IEC 60384-25-1:2006; EN 60384-25-1:2006)  
Fixed capacitors for use in electronic equipment – Part 25-1: Blank detail specification – Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte – Assessment level EZ (IEC 60384-25-1:2006; EN 60384-25-1:2006)
- HRN EN 60384-26-1:2011 en pr  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – Dio 26-1: Predložak za detaljnu specifikaciju – Fiksni aluminijski elektrolitski kondenzatori s vodljivim krutim polimernim elektrolitom – Razina ocjenjivanja EZ (IEC 60384-26-1:2010; EN 60384-26-1:2010)  
Fixed capacitors for use in electronic equipment – Part 26-1: Blank detail specification – Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte – Assessment level EZ (IEC 60384-26-1:2010; EN 60384-26-1:2010)
- HRN EN 60424-1:2016 en pr  
Feritne jezgre – Smjernice za granice površinskih nepravilnosti – 1. dio: Opća specifikacija (IEC 60424-1:2015; EN 60424-1:2016)  
Ferrite cores – Guidelines on the limits of surface irregularities – Part 1: General Specification (IEC 60424-1:2015; EN 60424-1:2016)
- HRN EN 60444-6:2014 en pr  
Mjerenje parametara jedinice kristala kvarca – 6. dio: Mjerenje ovisnosti o razinama uzbude (DLD) (IEC 60444-6:2013; EN 60444-6:2013)  
Measurement of quartz crystal unit parameters – Part 6: Measurement of drive level dependence (DLD) (IEC 60444-6:2013; EN 60444-6:2013)
- HRN EN 60747-16-5:2014 en pr  
Poluvodičke komponente – Dio 16-5: Mikrovalni integrirani sklopovi – Oscilatori (IEC 60747-16-5:2013; EN 60747-16-5:2013)  
Semiconductor devices – Part 16-5: Microwave integrated circuits – Oscillators (IEC 60747-16-5:2013; EN 60747-16-5:2013)
- HRN EN 60749-1:2008 en pr  
Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 1. dio: Općenito (IEC 60749-1:2002; EN 60749-1:2003)  
Semiconductor devices – Mechanical and climatic test methods – Part 1: General (IEC 60749-1:2002; EN 60749-1:2003)
- HRN EN 60749-10:2008 en pr  
Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 10. dio: Mehanički udar (IEC 60749-10:2002; EN 60749-10:2002)  
Semiconductor devices – Mechanical and climatic test methods – Part 10: Mechanical shock (IEC 60749-10:2002; EN 60749-10:2002)
- HRN EN 60749-15:2011 en pr  
Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 15. dio: Otpornost elemenata za ugradnju kroz otvor na temperaturu lemljenja (IEC 60749-15:2010; EN 60749-15:2010)  
Semiconductor devices – Mechanical and climatic test methods – Part 15: Resistance to soldering temperature for through-hole mounted devices (IEC 60749-15:2010; EN 60749-15:2010)
- HRN EN 60749-15:2011/Ispr.1:2012 en pr  
Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 15. dio: Otpornost elemenata za ugradnju kroz otvor na temperaturu lemljenja (EN 60749-15:2010/AC:2011)  
Semiconductor devices – Mechanical and climatic test methods – Part 15: Resistance to soldering temperature for through-hole mounted devices (EN 60749-15:2010/AC:2011)
- HRN EN 60749-28:2017 en pr  
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 28. dio: Ispitivanje osjetljivosti na elektrostatičko pražnjenje (ESD) – Model napunjenog uređaja (CDM) – Razina uređaja (IEC 60749-28:2017; EN 60749-28:2017)  
Semiconductor devices – Mechanical and climatic test methods – Part 28: Electrostatic discharge (ESD) sensitivity testing – Charged device model (CDM) – device level (IEC 60749-28:2017; EN 60749-28:2017)
- HRN EN 60749-30:2008 en pr  
Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 30. dio: Kondicioniranje nehermetičkih elemenata za površinsku ugradnju prije ispitivanja pouzdanosti (IEC 60749-30:2005; EN 60749-30:2005)  
Semiconductor devices – Mechanical and climatic test methods – Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing (IEC 60749-30:2005; EN 60749-30:2005)
- HRN EN 60749-30:2008/A1:2012 en pr  
Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 30. dio: Kondicioniranje nehermetičkih elemenata za površinsku ugradnju prije ispitivanja pouzdanosti (IEC 60749-30:2005/am1:2011; EN 60749-30:2005/A1:2011)  
Semiconductor devices – Mechanical and climatic test methods – Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing (IEC 60749-30:2005/am1:2011; EN 60749-30:2005/A1:2011)
- HRN EN 60749-39:2008 en pr  
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 39. dio: Mjerenje difuzivnosti vlage i vodotopivosti u organskim materijalima koji se koriste u poluvodičkim komponentama (IEC 60749-39:2006; EN 60749-39:2006)  
Semiconductor devices – Mechanical and climatic test methods – Part 39: Measurement of moisture diffusivity and water solubility in organic materials used for semiconductor components (IEC 60749-39:2006; EN 60749-39:2006)
- HRN EN 60793-1-41:2011 en pr  
Optička vlakna – Dio 1-41: Metode mjerenja i postupci ispitivanja – Širina pojasa (IEC 60793-1-41:2010; EN 60793-1-41:2010)  
Optical fibres – Part 1-41: Measurement methods and test procedures – Bandwidth (IEC 60793-1-41:2010; EN 60793-1-41:2010)
- HRN EN 60793-2:2016 en pr  
Optička vlakna – 2. dio: Specifikacije proizvoda – Općenito (IEC 60793-2:2015; EN 60793-2:2016)  
Optical fibres – Part 2: Product specifications – General (IEC 60793-2:2015; EN 60793-2:2016)
- HRN EN 60793-2-40:2016 en pr  
Optička vlakna – Dio 2-40: Specifikacije proizvoda – Sekcijska specifikacija za vlakna kategorije A4 za višestruki način rada (IEC 60793-2-40:2015; EN 60793-2-40:2016)  
Optical fibres – Part 2-40: Product specifications – Sectional specification for category A4 multimode fibres (IEC 60793-2-40:2015; EN 60793-2-40:2016)
- HRN EN IEC 60793-2-40:2021 en pr  
Optička vlakna – Dio 2-40: Specifikacije proizvoda – Sekcijska specifikacija za vlakna kategorije A4 za višestruki način rada (IEC 60793-2-40:2021; EN IEC 60793-2-40:2021)  
Optical fibres – Part 2-40: Product specifications – Sectional specification for category A4 multimode fibres (IEC 60793-2-40:2021; EN IEC 60793-2-40:2021)
- HRN EN 60891:2011 en pr  
Fotonaponski uređaji – Postupci za korekciju izmjerenih karakteristika I-V prema temperaturi i zračenju (IEC 60891:2009; EN 60891:2010)  
Photovoltaic devices – Procedures for temperature and irradiance corrections to measured I-V characteristics (IEC 60891:2009; EN 60891:2010)

- HRN EN 60904-1:2009 en pr  
Fotonaponski uređaji – 1. dio: Mjerenje strujno-naponskih karakteristika fotonaponskih uređaja (IEC 60904-1:2006; EN 60904-1:2006)  
Photovoltaic devices – Part 1: Measurement of photovoltaic current-voltage characteristics (IEC 60904-1:2006; EN 60904-1:2006)
- HRN EN 60904-2:2015 en pr  
Fotonaponski uređaji – 2. dio: Zahtjevi za referentne solarne uređaje (IEC 60904-2:2015; EN 60904-2:2015)  
Photovoltaic devices – Part 2: Requirements for reference solar devices (IEC 60904-2:2015; EN 60904-2:2015)
- HRN EN 60904-4:2010 en pr  
Fotonaponski uređaji – 4. dio: Referentni solarni uređaji – Postupci za utvrđivanje sljedivosti umjeravanja (IEC 60904-4:2009; EN 60904-4:2009)  
Photovoltaic devices – Part 4: Reference solar devices – Procedures for establishing calibration traceability (IEC 60904-4:2009; EN 60904-4:2009)
- HRN EN 60904-9:2008 en pr  
Fotonaponski uređaji – 9. dio: Zahtjevi za izvedbu solarnih simulatora (IEC 60904-9:2007; EN 60904-9:2007)  
Photovoltaic devices – Part 9: Solar simulator performance requirements (IEC 60904-9:2007; EN 60904-9:2007)
- HRN EN 60904-10:2011 en pr  
Fotonaponski uređaji – 10. dio: Metode mjerenja linearnosti (IEC 60904-10:2009; EN 60904-10:2010)  
Photovoltaic devices – Part 10: Methods of linearity measurement (IEC 60904-10:2009; EN 60904-10:2010)
- HRN EN 60938-1:2008 en pr  
Fiksni induktori za prigušenje elektromagnetskih smetnji – 1. dio: Opća specifikacija (IEC 60938-1:1999+am1:2006; EN 60938-1:1999+A1:2007)  
Fixed inductors for electromagnetic interference suppression – Part 1: Generic specification (IEC 60938-1:1999+am1:2006; EN 60938-1:1999+A1:2007)
- HRN EN 60938-2:2008 en pr  
Fiksni induktori za prigušenje elektromagnetskih smetnji – 2. dio: Sekcijska specifikacija (IEC 60938-2:1999+am1:2006; EN 60938-2:1999+A1:2007)  
Fixed inductors for electromagnetic interference suppression – Part 2: Sectional specification (IEC 60938-2:1999+am1:2006; EN 60938-2:1999+A1:2007)
- HRN EN 60939-3:2016 en pr  
Pasivni filtri za gušenje elektromagnetskih smetnji – 3. dio: Pasivni filtri za koje su potrebna odgovarajuća sigurnosna ispitivanja (IEC 60939-3:2015; EN 60939-3:2015)  
Passive filter units for electromagnetic interference suppression – Part 3: Passive filter units for which safety tests are appropriate (IEC 60939-3:2015; EN 60939-3:2015)
- HRN EN 60939-3:2016/Ispr.1:2016 en pr  
Pasivni filtri za gušenje elektromagnetskih smetnji – 3. dio: Pasivni filtri za koje su potrebna odgovarajuća sigurnosna ispitivanja (IEC 60939-3:2015/Corr.1:2016; EN 60939-3:2015/AC:2016)  
Passive filter units for electromagnetic interference suppression – Part 3: Passive filter units for which safety tests are appropriate (IEC 60939-3:2015/Corr.1:2016; EN 60939-3:2015/AC:2016)
- HRN EN 61007:2008 en pr  
Transformatori i induktori za upotrebu u elektroničkoj i telekomunikacijskoj opremi – Metode mjerenja i postupci ispitivanja (IEC 61007:1994, MOD; EN 61007:1997)  
Transformers and inductors for use in electronic and telecommunication equipment – Measuring methods and test procedures (IEC 61007:1994, MOD; EN 61007:1997)
- HRN EN 61076-1:2009 en pr  
Konektori za elektroničku opremu – Zahtjevi za proizvod – 1. dio: Opća specifikacija (IEC 61076-1:2006; EN 61076-1:2006)  
Connectors for electronic equipment – Product requirements – Part 1: Generic specification (IEC 61076-1:2006; EN 61076-1:2006)
- HRN EN 61169-1:2014 en pr  
Radiofrekvencijski konektori – 1. dio: Opća specifikacija – Opći zahtjevi i metode mjerenja (IEC 61169-1:2013; EN 61169-1:2013)  
Radio-frequency connectors – Part 1: Generic specification – General requirements and measuring methods (IEC 61169-1:2013; EN 61169-1:2013)
- HRN EN 61189-1:2008 en pr  
Metode ispitivanja za električne materijale, tiskane pločice i druge strukture i sklopove za međusobno povezivanje – 1. dio: Opće metode ispitivanja i metodologija (IEC 61189-1:1997+am1:2001; EN 61189-1:1997+A1:2001)  
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 1: General test methods and methodology (IEC 61189-1:1997+am1:2001; EN 61189-1:1997+A1:2001)
- HRN EN 61189-2:2009 en pr  
Metode ispitivanja za električne materijale, tiskane pločice i druge strukture i sklopove za međusobno povezivanje – 2. dio: Metode ispitivanja materijala za strukture za međusobno povezivanje (IEC 61189-2:2006; EN 61189-2:2006)  
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 2: Test methods for materials for interconnection structures (IEC 61189-2:2006; EN 61189-2:2006)
- HRN EN 61189-3:2009 en pr  
Metode ispitivanja za električne materijale, tiskane pločice i druge strukture i sklopove za međusobno povezivanje – 3. dio: Metode ispitivanja materijala za strukture za međusobno povezivanje (tiskane pločice) (IEC 61189-3:2007; EN 61189-3:2008)  
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 3: Test methods for interconnection structures (printed boards) (IEC 61189-3:2007; EN 61189-3:2008)
- HRN EN 61215-1:2016 en pr  
Zemaljski fotonaponski (PV) moduli – Ocjena projekta i odobrenje tipa – 1. dio: Zahtjevi za ispitivanje (IEC 61215-1:2016; EN 61215-1:2016)  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements (IEC 61215-1:2016; EN 61215-1:2016)
- HRN EN 61215-1-2:2017 en pr  
Zemaljski fotonaponski (PV) moduli – Ocjena projekta i odobrenje tipa – Dio 1-2: Posebni zahtjevi za ispitivanje tankoslojnih fotonaponskih modula (PV) na bazi kadmij telurija (CdTe) (IEC 61215-1-2:2016; EN 61215-1-2:2017)  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (IEC 61215-1-2:2016; EN 61215-1-2:2017)
- HRN EN 61215-1-3:2017 en pr  
Zemaljski fotonaponski (PV) moduli – Ocjena projekta i odobrenje tipa – Dio 1-3: Posebni zahtjevi za ispitivanje tankoslojnih fotonaponskih (PV) modula na bazi amorfno silicija (IEC 61215-1-3:2016; EN 61215-1-3:2017)  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (IEC 61215-1-3:2016; EN 61215-1-3:2017)
- HRN EN 61215-1-4:2017 en pr  
Zemaljski fotonaponski (PV) moduli – Ocjena projekta i odobrenje tipa – Dio 1-4: Posebni zahtjevi za ispitivanje tankoslojnih fotonaponskih (PV) modula na bazi Cu (In,Ga) (S,Se)<sub>2</sub> (IEC 61215-1-4:2016; EN 61215-1-4:2017)  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)<sub>2</sub> based photovoltaic (PV) modules (IEC 61215-1-4:2016; EN 61215-1-4:2017)

- HRN EN 61215-2:2017 en pr  
Zemaljski fotonaponski (PV) moduli – Ocjena projekta i odobrenje tipa – 2. dio: Postupci ispitivanja (IEC 61215-2:2016; EN 61215-2:2017)  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures (IEC 61215-2:2016; EN 61215-2:2017)
- HRN EN 61215-2:2017/Ispr.1:2018 en pr  
Zemaljski fotonaponski (PV) moduli – Ocjena projekta i odobrenje tipa – 2. dio: Postupci ispitivanja (EN 61215-2:2017/AC:2017)  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures (EN 61215-2:2017/AC:2017)
- HRN EN 61215-2:2017/Ispr.2:2018 en pr  
Zemaljski fotonaponski (PV) moduli – Ocjena projekta i odobrenje tipa – 2. dio: Postupci ispitivanja (IEC 61215-2:2016/Corr.1:2018; EN 61215-2:2017/AC:2018)  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures (IEC 61215-2:2016/Corr.1:2018; EN 61215-2:2017/AC:2018)
- HRN EN IEC 61215-2:2021 en pr  
Zemaljski fotonaponski (PV) moduli – Ocjena projekta i odobrenje tipa – 2. dio: Postupci ispitivanja (IEC 61215-2:2021; EN IEC 61215-2:2021)  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures (IEC 61215-2:2021; EN IEC 61215-2:2021)
- HRN EN 61248-1:2008 en pr  
Transformatori i induktori za upotrebu u elektroničkoj i telekomunikacijskoj opremi – 1. dio: Opća specifikacija (IEC 61248-1:1996; EN 61248-1:1997)  
Transformers and inductors for use in electronic and telecommunication equipment – Part 1: Generic specification (IEC 61248-1:1996; EN 61248-1:1997)
- HRN EN 61280-1-3:2011 en pr  
Postupci ispitivanja svjetlovodnih komunikacijskih podsustava – Dio 1-3: Opći komunikacijski podsustavi – Mjerenje središnje valne duljine i širine spektra (IEC 61280-1-3:2010; EN 61280-1-3:2010)  
Fibre optic communication subsystem test procedures – Part 1-3: General communication subsystems – Central wavelength and spectral width measurement (IEC 61280-1-3:2010; EN 61280-1-3:2010)
- HRN EN IEC 61281-1:2018 en pr  
Svjetlovodni komunikacijski podsustavi – 1. dio: Opća specifikacija (IEC 61281-1:2017; EN IEC 61281-1:2018)  
Fibre optic communication subsystems – Part 1: Generic specification (IEC 61281-1:2017; EN IEC 61281-1:2018)
- HRN EN 61290-1:2015 en pr  
Optička pojačala – Metode ispitivanja – 1. dio: Parametri snage i pojačanja (IEC 61290-1:2014; EN 61290-1:2015)  
Optical amplifiers – Test methods – Part 1: Power and gain parameters (IEC 61290-1:2014; EN 61290-1:2015)
- HRN EN 61290-1-1:2015 en pr  
Optička pojačala – Metode ispitivanja – Dio 1-1: Parametri snage i pojačanja – Metoda optičkog analizatora spektra (IEC 61290-1-1:2015; EN 61290-1-1:2015)  
Optical amplifiers – Test methods – Part 1-1: Power and gain parameters – Optical spectrum analyzer method (IEC 61290-1-1:2015; EN 61290-1-1:2015)
- HRN EN 61290-1-3:2015 en pr  
Optička pojačala – Metode ispitivanja – Dio 1-3: Parametri snage i pojačanja – Metoda optičkog mjerila snage (IEC 61290-1-3:2015; EN 61290-1-3:2015)  
Optical amplifiers – Test methods – Part 1-3: Power and gain parameters – Optical power meter method (IEC 61290-1-3:2015; EN 61290-1-3:2015)
- HRN EN 61290-3:2010 en pr  
Optička pojačala – Ispitne metode – 3. dio: Iznosi faktora šuma (IEC 61290-3:2008; EN 61290-3:2008)  
Optical amplifiers – Test methods – Part 3: Noise figure parameters (IEC 61290-3:2008; EN 61290-3:2008)
- HRN EN IEC 61291-1:2018 en pr  
Optička pojačala – 1. dio: Opća specifikacija (IEC 61291-1:2018; EN IEC 61291-1:2018)  
Optical amplifiers – Part 1: Generic specification (IEC 61291-1:2018; EN IEC 61291-1:2018)
- HRN EN 61291-2:2016 en pr  
Optička pojačala – 2. dio: Jednokanalne primjene – Predložak specifikacija učinkovitosti izvedbe (IEC 61291-2:2016; EN 61291-2:2016)  
Optical amplifiers – Part 2: Single channel applications – Performance specification template (IEC 61291-2:2016; EN 61291-2:2016)
- HRN EN 61291-4:2012 en pr  
Optička pojačala – 4. dio: Višekanalne primjene – Predložak specifikacije izvedbe (IEC 61291-4:2011; EN 61291-4:2012)  
Optical amplifiers – Part 4: Multichannel applications – Performance specification template (IEC 61291-4:2011; EN 61291-4:2012)
- HRN EN 61291-5-2:2017 en pr  
Optička pojačala – Dio 5-2: Specifikacije za ocjenjivanje – Ocjenjivanje pouzdanosti pojačala optičkih vlakana (IEC 61291-5-2:2017; EN 61291-5-2:2017)  
Optical amplifiers – Part 5-2: Qualification specifications – Reliability qualification for optical fibre amplifiers (IEC 61291-5-2:2017; EN 61291-5-2:2017)
- HRN EN 61291-6-1:2010 en pr  
Optička pojačala – Dio 6-1: Sučelja – Skup naredbi (IEC 61291-6-1:2008; EN 61291-6-1:2008)  
Optical amplifiers – Part 6-1: Interfaces – Command set (IEC 61291-6-1:2008; EN 61291-6-1:2008)
- HRN EN 61300-1:2016 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – 1. dio: Općenito i upute (IEC 61300-1:2016; EN 61300-1:2016)  
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance (IEC 61300-1:2016; EN 61300-1:2016)
- HRN EN 61300-2-10:2014 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-10: Ispitivanja – Otpornost na pritisak (IEC 61300-2-10:2012; EN 61300-2-10:2012)  
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-10: Tests – Crush resistance (IEC 61300-2-10:2012; EN 61300-2-10:2012)
- HRN EN 61300-2-43:2015 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-43: Ispitivanja – Probno ispitivanje gubitka povrata za jednomodne PC svjetlovodne konektore (IEC 61300-2-43:2014; EN 61300-2-43:2014)  
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-43: Tests – Screen testing of return loss of single mode PC optical fibre connectors (IEC 61300-2-43:2014; EN 61300-2-43:2014)

- HRN EN 61300-3-53:2015 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 3-53: Ispitivanja i mjerenja – Metoda mjerenja zaokruženog kutnog toka (EAF) koja se temelji na dvodimenzionalnim podacima dalekog polja višenačinskog valovoda stepenastog indeksa loma (uključujući svjetlovod) (IEC 61300-3-53:2015; EN 61300-3-53:2015)  
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-53: Examinations and Measurements – Encircled angular flux (EAF) measurement method based on two-dimensional far field data from step index multimode waveguide (including fibre) (IEC 61300-3-53:2015; EN 61300-3-53:2015)
- HRN EN 61305-5:2008 en pr  
Kućna audio oprema i sustavi visoke vjernosti reprodukcije – Metode mjerenja i navođenja svojstava – 5. dio: Zvučnici (IEC 61305-5:2003; EN 61305-5:2003)  
Household high-fidelity audio equipment and systems – Methods of measuring and specifying the performance – Part 5: Loudspeakers (IEC 61305-5:2003; EN 61305-5:2003)
- HRN EN 61587-6:2017 en pr  
Mehaničke konstrukcije za električnu i elektroničku opremu – Ispitivanja prema normama niza IEC 60917 i IEC 60297 – 6. dio: Sigurnosni aspekti unutarnjih ormara (IEC 61587-6:2017; EN 61587-6:2017)  
Mechanical structures for electrical and electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 6: Security aspects for indoor cabinets (IEC 61587-6:2017; EN 61587-6:2017)
- HRN EN 61724-1:2017 en pr  
Učinkovitost fotonaponskog sustava – 1. dio: Praćenje (IEC 61724-1:2017; EN 61724-1:2017)  
Photovoltaic system performance – Part 1: Monitoring (IEC 61724-1:2017; EN 61724-1:2017)
- HRN EN 61726:2015 en pr  
Sklopovi kabela, kabeli, konektori i pasivne mikrovalne komponente – Mjerenje prigušenja zaslona metodom reverberacijske komore (IEC 61726:2015; EN 61726:2015)  
Cable assemblies, cables, connectors and passive microwave components – Screening attenuation measurement by the reverberation chamber method (IEC 61726:2015; EN 61726:2015)
- HRN EN 61753-101-2:2008 en pr  
Izvedbena norma za svjetlovodne uređaje za međusobno spajanje i pasivne komponente – Dio 101-2: Sustavi upravljanja optičkim vlaknima za kategoriju C – Kontrolirano okruženje (IEC 61753-101-2:2006; EN 61753-101-2:2006)  
Fibre optic interconnecting devices and passive components performance standard – Part 101-2: Fibre management systems for category C – Controlled environment (IEC 61753-101-2:2006; EN 61753-101-2:2006)
- HRN EN 61753-111-8:2011 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 111-8: Zapečaćene spojnice kategorije G – Polaganje u razini tla (IEC 61753-111-8:2009; EN 61753-111-8:2010)  
Fibre optic interconnecting devices and passive components – Performance standard – Part 111-8: Sealed closures for category G – Ground (IEC 61753-111-8:2009; EN 61753-111-8:2010)
- HRN EN 61753-111-9:2011 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 111-9: Zapečaćene spojnice kategorija S – Polaganje ispod razine tla (IEC 61753-111-9:2009; EN 61753-111-9:2010)  
Fibre optic interconnecting devices and passive components – Performance standard – Part 111-9: Sealed closures for category S – Subterranean (IEC 61753-111-9:2009; EN 61753-111-9:2010)
- HRN EN 61754-4:2014 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Sučelja svjetlovodnih konektora – 4. dio: Obitelj konektora tipa SC (IEC 61754-4:2013+Corr.1:2014; EN 61754-4:2013+AC:2014)  
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 4: Type SC connector family (IEC 61754-4:2013+Corr.1:2014; EN 61754-4:2013+AC:2014)
- HRN EN 61754-6:2014 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Sučelja svjetlovodnih konektora – 6. dio: Obitelj konektora tipa MU (IEC 61754-6:2013; EN 61754-6:2013)  
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 6: Type MU connector family (IEC 61754-6:2013; EN 61754-6:2013)
- HRN EN 61757-1-1:2017 en pr  
Svjetlovodni senzori – Dio 1-1: Mjerenje naprezanja – Senzori naprezanja na temelju Bragg-ove rešetke u optičkom vlaknu (IEC 61757-1-1:2016; EN 61757-1-1:2017)  
Fibre optic sensors – Part 2-1: Strain measurement – Strain sensors based on fibre Bragg gratings (IEC 61757-1-1:2016; EN 61757-1-1:2017)
- HRN EN 61757-2-2:2017 en pr  
Svjetlovodni senzori – Dio 2-2: Mjerenje temperature – Distribuirana detekcija (IEC 61757-2-2:2016; EN 61757-2-2:2017)  
Fibre optic sensors – Part 2-2: Temperature measurement – Distributed sensing (IEC 61757-2-2:2016; EN 61757-2-2:2017)
- HRN EN 61760-1:2009 en pr  
Tehnologija površinske ugradnje – 1. dio: Standardna metoda za specifikaciju komponenta za površinsku ugradnju (SMDs) (IEC 61760-1:2006; EN 61760-1:2006)  
Surface mounting technology – Part 1: Standard method for the specification of surface mounting components (SMDs) (IEC 61760-1:2006; EN 61760-1:2006)
- HRN EN 61760-2:2009 en pr  
Tehnologija površinske ugradnje – 2. dio: Uvjeti za prijevoz i skladištenje sklopova za površinsku ugradnju (SMD) – Upute za primjenu (IEC 61760-2:2007; EN 61760-2:2007)  
Surface mounting technology – Part 2: Transportation and storage conditions of surface mounting devices (SMD) – Application guide (IEC 61760-2:2007; EN 61760-2:2007)
- HRN EN IEC 61969-1:2020 en pr  
Mehaničke konstrukcije za električnu i elektroničku opremu – Kućišta za vanjsku montažu – 1. dio: Smjernice za projektiranje (IEC 61969-1:2020; EN IEC 61969-1:2020)  
Mechanical structures for electrical and electronic equipment – Outdoor enclosures – Part 1: Design guidelines (IEC 61969-1:2020; EN IEC 61969-1:2020)
- HRN EN IEC 61969-3:2020 en pr  
Mehaničke konstrukcije za električnu i elektroničku opremu – Kućišta za vanjsku montažu – 3. dio: Zahtjevi okoline, ispitivanja i sigurnosni aspekti (IEC 61969-3:2020; EN IEC 61969-3:2020)  
Mechanical structures for electrical and electronic equipment – Outdoor enclosures – Part 3: Environmental requirements, tests and safety aspects (IEC 61969-3:2020; EN IEC 61969-3:2020)
- HRN EN 62024-2:2009 en pr  
Indukcijske komponente visoke frekvencije – Električne karakteristike i metode mjerenja – 2. dio: Nazivna struja induktora za istosmjerni pretvarač DC/DC (IEC 62024-2:2008; EN 62024-2:2009)  
High frequency inductive components – Electrical characteristics and measuring methods – Part 2: Rated current of inductors for DC to DC converters (IEC 62024-2:2008; EN 62024-2:2009)



- HRN EN 62037-1:2014 en pr  
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 1. dio: Opći zahtjevi i metode mjerenja (IEC 62037-1:2012; EN 62037-1:2012)  
Passive RF and microwave devices, intermodulation level measurement – Part 1: General requirements and measuring methods (IEC 62037-1:2012; EN 62037-1:2012)
- HRN EN 62037-2:2014 en pr  
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 2. dio: Mjerenje pasivne intermodulacije u sklopovima koaksijalnih kabela (IEC 62037-2:2012; EN 62037-2:2013)  
Passive RF and microwave devices, intermodulation level measurement – Part 2: Measurement of passive intermodulation in coaxial cable assemblies (IEC 62037-2:2012; EN 62037-2:2013)
- HRN EN 62037-3:2014 en pr  
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 3. dio: Mjerenje pasivne intermodulacije u koaksijalnim konektorima (IEC 62037-3:2012; EN 62037-3:2012)  
Passive RF and microwave devices, intermodulation level measurement – Part 3: Measurement of passive intermodulation in coaxial connectors (IEC 62037-3:2012; EN 62037-3:2012)
- HRN EN 62037-5:2014 en pr  
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 5. dio: Mjerenje pasivne intermodulacije u filtrima (IEC 62037-5:2013; EN 62037-5:2013)  
Passive RF and microwave devices, intermodulation level measurement – Part 5: Measurement of passive intermodulation in filters (IEC 62037-5:2013; EN 62037-5:2013)
- HRN EN 62037-6:2014 en pr  
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 6. dio: Mjerenje pasivne intermodulacije u antenama (IEC 62037-6:2013; EN 62037-6:2013)  
Passive RF and microwave devices, intermodulation level measurement – Part 6: Measurement of passive intermodulation in antennas (IEC 62037-6:2013; EN 62037-6:2013)
- HRN EN 62044-1:2008 en pr  
Jezgre izrađene od mekih magnetskih materijala – Metode mjerenja – 1. dio: Opća specifikacija (IEC 62044-1:2002; EN 62044-1:2002)  
Cores made of soft magnetic materials – Measuring methods – Part 1: Generic specification (IEC 62044-1:2002; EN 62044-1:2002)
- HRN EN 62044-3:2008 en pr  
Jezgre izrađene od mekih magnetskih materijala – Metode mjerenja – 3. dio: Magnetska svojstva pri visokoj razini pobude (IEC 62044-3:2000; EN 62044-3:2001)  
Cores made of soft magnetic materials – Measuring methods – Part 3: Magnetic properties at high excitation level (IEC 62044-3:2000; EN 62044-3:2001)
- HRN EN 62077:2016 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Svjetlovodni cirkulatori – Opća specifikacija (IEC 62077:2015; EN 62077:2016)  
Fibre optic interconnecting devices and passive components – Fibre optic circulators – Generic specification (IEC 62077:2015; EN 62077:2016)
- HRN EN 62108:2017 en pr  
Koncentratorski fotonaponski (CPV) moduli i sklopovi – Procjena dizajna i odobrenje tipa (IEC 62108:2016; EN 62108:2016)  
Concentrator photovoltaic (CPV) modules and assemblies – Design qualification and type approval (IEC 62108:2016; EN 62108:2016)
- HRN EN IEC 62148-1:2018 en pr  
Aktivne svjetlovodne komponente i uređaji – Norme za kućišta i sučelja – 1. dio: Općenito i upute (IEC 62148-1:2017; EN IEC 62148-1:2018)  
Fibre optic active components and devices – Package and interface standards – Part 1: General and guidance (IEC 62148-1:2017; EN IEC 62148-1:2018)
- HRN EN 62148-6:2008 en pr  
Aktivne svjetlovodne komponente i uređaji – Norme za kućišta i sučelja – 6. dio: ATM-PON primopredajnici (IEC 62148-6:2003; EN 62148-6:2003)  
Fibre optic active components and devices – Package and interface standards – Part 6: ATM-PON transceivers (IEC 62148-6:2003; EN 62148-6:2003)
- HRN EN 62149-1:2012 en pr  
Aktivne svjetlovodne komponente i uređaji – Izvedbene norme – 1. dio: Općenito i upute (IEC 62149-1:2011; EN 62149-1:2012)  
Fibre optic active components and devices – Performance standards – Part 1: General and guidance (IEC 62149-1:2011; EN 62149-1:2012)
- HRN EN 62149-3:2014 en pr  
Aktivne svjetlovodne komponente i uređaji – Izvedbene norme – 3. dio: Odašiljači s laserskim diodama integriranim u modulator za svjetlovodne prijenosne sustave od 2,5-Gbit/s do 40 Gbit/s (IEC 62149-3:2014; EN 62149-3:2014)  
Fibre optic active components and devices – Performance standards – Part 3: Modulator-integrated laser diode transmitters for 2,5-Gbit/s to 40-Gbit/s fibre optic transmission systems (IEC 62149-3:2014; EN 62149-3:2014)
- HRN EN 62149-5:2012 en pr  
Aktivne svjetlovodne komponente i uređaji – Izvedbene norme – 5. dio: ATM-PON primopredajnici s laserskim diodnim (LD) pogonom i integriranim krugovima za ponovno uspostavljanje ritma i podataka (CDR) (IEC 62149-5:2009; EN 62149-5:2011)  
Fibre optic active components and devices – Performance standards – Part 5: ATM-PON transceivers with LD driver and CDR ICs (IEC 62149-5:2009; EN 62149-5:2011)
- HRN EN 62150-1:2008 en pr  
Aktivne svjetlovodne komponente i uređaji – Postupci ispitivanja i mjerenja – 1. dio: Općenito i upute (IEC 62150-1:2005; EN 62150-1:2005)  
Fibre optic active components and devices – Test and measurement procedures – Part 1: General and guidance (IEC 62150-1:2005; EN 62150-1:2005)
- HRN EN 62150-2:2012 en pr  
Aktivne svjetlovodne komponente i uređaji – Postupci ispitivanja i mjerenja – 2. dio: ATM-PON primopredajnici (IEC 62150-2:2010; EN 62150-2:2011)  
Fibre optic active components and devices – Test and measurement procedures – Part 2: ATM-PON transceivers (IEC 62150-2:2010; EN 62150-2:2011)
- HRN EN 62211:2017 en pr  
Indukcijske komponente – Upravljanje pouzdanošću (IEC 62211:2017; EN 62211:2017)  
Inductive components – Reliability management (IEC 62211:2017; EN 62211:2017)
- HRN EN 62317-1:2008 en pr  
Feritne jezgre – Dimenzije – 1. dio: Opća specifikacija (IEC 62317-1:2007; EN 62317-1:2007)  
Ferrite cores – Dimensions – Part 1: General specification (IEC 62317-1:2007; EN 62317-1:2007)
- HRN EN 62343:2017 en pr  
Dinamički moduli – Općenito i upute (IEC 62343:2017; EN 62343:2017)  
Dynamic modules – General and guidance (IEC 62343:2017; EN 62343:2017)

- HRN EN 62379-1:2008 en pr  
Zajedničko upravljačko sučelje za umrežene digitalne audio i video proizvode – 1. dio: Općenito (IEC 62379-1:2007; EN 62379-1:2007)  
Common control interface for networked digital audio and video products – Part 1: General (IEC 62379-1:2007; EN 62379-1:2007)
- HRN EN 62391-1:2016 en pr  
Fiksni električni dvoslojni kondenzatori za električnu i elektroničku opremu – 1. dio: Opća specifikacija (IEC 62391-1:2015; EN 62391-1:2016)  
Fixed electric double-layer capacitors for use in electric and electronic equipment – Part 1: Generic specification (IEC 62391-1:2015; EN 62391-1:2016)
- HRN EN 62391-1:2016/Ispr.1:2017 en pr  
Fiksni električni dvoslojni kondenzatori za električnu i elektroničku opremu – 1. dio: Opća specifikacija (IEC 62391-1:2015/Corr.1:2016; EN 62391-1:2016/AC:2016)  
Fixed electric double-layer capacitors for use in electric and electronic equipment – Part 1: Generic specification (IEC 62391-1:2015/Corr.1:2016; EN 62391-1:2016/AC:2016)
- HRN EN 62435-1:2017 en pr  
Elektroničke komponente – Dugoročno skladištenje elektroničkih poluvodičkih uređaja – 1. dio: Općenito (IEC 62435-1:2017; EN 62435-1:2017)  
Electronic components – Long-term storage of electronic semiconductor devices – Part 1: General (IEC 62435-1:2017; EN 62435-1:2017)
- HRN EN 62435-2:2017 en pr  
Elektroničke komponente – Dugoročno skladištenje elektroničkih poluvodičkih uređaja – 2. dio: Mehanizmi propadanja (IEC 62435-2:2017; EN 62435-2:2017)  
Electronic components – Long-term storage of electronic semiconductor devices – Part 2: Deterioration Mechanisms (IEC 62435-2:2017; EN 62435-2:2017)
- HRN EN 62435-5:2017 en pr  
Elektroničke komponente – Dugoročno skladištenje elektroničkih poluvodičkih uređaja – 5. dio: Čipovi i poluvodičke pločice (IEC 62435-5:2017; EN 62435-5:2017)  
Electronic components – Long-term storage of electronic semiconductor devices – Part 5: Die and wafer devices (IEC 62435-5:2017; EN 62435-5:2017)
- HRN EN 62604-1:2015 en pr  
Duplexeri utvrđene kvalitete s površinskim zvučnim valom (SAW) i dubinskim zvučnim valom (BAW) – 1. dio: Opća specifikacija (IEC 62604-1:2015; EN 62604-1:2015)  
Surface acoustic wave (SAW) and bulk acoustic wave (BAW) duplexers of assessed quality – Part 1: Generic specification (IEC 62604-1:2015; EN 62604-1:2015)
- HRN EN IEC 62604-2:2018 en pr  
Duplexeri utvrđene kvalitete s površinskim zvučnim valom (SAW) i dubinskim zvučnim valom (BAW) – 2. dio: Smjernice za uporabu (IEC 62604-2:2017; EN IEC 62604-2:2018)  
Surface Acoustic Wave (SAW) and Bulk Acoustic Wave (BAW) duplexers of assessed quality – Part 2: Guidelines for the use (IEC 62604-2:2017; EN IEC 62604-2:2018)
- HRN EN 62623:2013 en pr  
Stolna i prijenosna računala – Mjerenje potrošnje energije (IEC 62623:2012; EN 62623:2013)  
Desktop and notebook computers – Measurement of energy consumption (IEC 62623:2012; EN 62623:2013)
- HRN EN 62680-2-1:2016 en pr  
Sučelje univerzalne serijske sabirnice za podatke i napajanje – Dio 2-1: Specifikacija univerzalne serijske sabirnice, izmijenjeno izdanje 2.0 (TA14) (IEC 62680-2-1:2015; EN 62680-2-1:2015)  
Universal Serial Bus interfaces for data and power – Part 2-1: Universal Serial Bus Specification, Revision 2.0 (TA 14) (IEC 62680-2-1:2015; EN 62680-2-1:2015)
- HRN EN IEC 62688:2018 en pr  
Konzentratorski fotonaponski (CPV) moduli i sklopovi – Sigurnosna kvalifikacija (IEC 62688:2017; EN IEC 62688:2018)  
Concentrator photovoltaic (CPV) modules and assemblies – Safety qualification (IEC 62688:2017; EN IEC 62688:2018)
- HRN EN 62739-2:2016 en pr  
Metoda ispitivanja erozije opreme za valno lemljenje uporabom rastaljene bezolovne legure za lemljenje – 2. dio: Metoda ispitivanja erozije metalnih materijala s obradom površine (IEC 62739-2:2016; EN 62739-2:2016)  
Test method for erosion of wave soldering equipment using molten lead-free solder alloy – Part 2: Erosion test method for metal materials with surface processing (IEC 62739-2:2016; EN 62739-2:2016)
- HRN EN 62739-3:2017 en pr  
Metoda ispitivanja erozije opreme za valno lemljenje uporabom rastaljene bezolovne legure za lemljenje – 3. dio: Smjernice za odabir metode ispitivanja erozije (IEC 62739-3:2017; EN 62739-3:2017)  
Test method for erosion of wave soldering equipment using molten lead-free solder alloy – Part 3: Selection guidance of erosion test method (IEC 62739-3:2017; EN 62739-3:2017)
- HRN EN 62779-3:2016 en pr  
Poluvodičke komponente – Poluvodičko sučelje za prijenos signala kroz ljudsko tijelo kao medij (HBC) – 3. dio: Funkcionalni tip i njegovi operativni uvjeti (IEC 62779-3:2016; EN 62779-3:2016)  
Semiconductor devices – Semiconductor interface for human body communication – Part 3: Functional type and its operational conditions (IEC 62779-3:2016; EN 62779-3:2016)
- HRN EN 62790:2015 en pr  
Razvodne kutije za fotonaponske module – Sigurnosni zahtjevi i ispitivanja (IEC 62790:2014; EN 62790:2015)  
Junction boxes for photovoltaic modules – Safety requirements and tests (IEC 62790:2014; EN 62790:2015)
- HRN EN 62827-1:2016 en pr  
Bežični prijenos energije – Upravljanje – 1. dio: Zajedničke komponente (TA 15) (IEC 62827-1:2016; EN 62827-1:2016)  
Wireless Power Transfer – Management – Part 1: Common Components (TA 15) (IEC 62827-1:2016; EN 62827-1:2016)
- HRN EN 62827-2:2017 en pr  
Bežični prijenos energije – Upravljanje – 2. dio: Upravljanje kontrolom više uređaja (TA 15) (IEC 62827-2:2017; EN 62827-2:2017)  
Wireless Power Transfer – Management – Part 2: Multiple devices control management (TA15) (IEC 62827-2:2017; EN 62827-2:2017)
- HRN EN 62884-1:2017 en pr  
Tehnike mjerenja piezoelektričnih, dielektričnih i elektrostatičnih oscilatora – 1. dio: Osnovne metode mjerenja (IEC 62884-1:2017; EN 62884-1:2017)  
Measurement techniques of piezoelectric, dielectric and electrostatic oscillators – Part 1: Basic methods for the measurement (IEC 62884-1:2017; EN 62884-1:2017)
- HRN EN 63005-1:2018 en pr  
Video snimač podataka o nezgodama na cestama – 1. dio: Osnovni zahtjevi (IEC 63005-1:2017; EN 63005-1:2017)  
Event video data recorder for road vehicle accidents – Part 1: Basic requirements (IEC 63005-1:2017; EN 63005-1:2017)
- HRN EN IEC 63044-3:2018 en pr  
Elektronički sustavi u stanovima i zgradama (HBES) i sustavi automatizacije i nadzora u zgradama (BACS) – 3. dio: Zahtjevi električne sigurnosti (IEC 63044-3:2017; EN IEC 63044-3:2018)  
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 3: Electrical safety requirements (IEC 63044-3:2017; EN IEC 63044-3:2018)
- HRN EN IEC 63182-1:2020 en pr  
Magnetske jezgre u prahu – Smjernice za dimenzije i granice površinskih nepravilnosti – 1. dio: Opća specifikacija (IEC 63182-1:2020; EN IEC 63182-1:2020)  
Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 1: General specification (IEC 63182-1:2020; EN IEC 63182-1:2020)

## 1.10 Prijevodi hrvatskih normativnih dokumenata

### HZN/TO 207, *Upravljanje okolišem*

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

HRN EN ISO 14063:2010 hr-en pr-pp  
Upravljanje okolišem – Komunikacija o okolišu – Smjernice i primjeri (ISO 14063:2006; EN ISO 14063:2010)  
Environmental management – Environmental communication – Guidelines and examples (ISO 14063:2006; EN ISO 14063:2010)

NAPOMENA: Ova norma zamijenjena je normom HRN EN ISO 14063:2020, ali prevedena je jer se nalazi na Popisu upućivanja na usklađene norme prema Uredbi (EZ) br. 765/2008 koji je objavljen u Službenom listu Europske unije (OJ C 292 - 05/10/2011).

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

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

HRN EN ISO 6579-1:2017 hr-en pr-pp  
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti, određivanje broja i serotipizaciju Salmonella – 1. dio: Dokazivanje prisutnosti Salmonella spp. (ISO 6579-1:2017; EN ISO 6579-1:2017)  
Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 1: Detection of Salmonella spp. (ISO 6579-1:2017; EN ISO 6579-1:2017)

HRN EN ISO 6579-1:2017/A1:2020 hr-en pr-pp  
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti, određivanje broja i serotipizaciju Salmonella – 1. dio: Dokazivanje prisutnosti Salmonella spp. – Amandman 1 Proširenje raspona temperatura inkubacije, izmjena značaja Dodatka D i ispravak sastava MSRV i SC (ISO 6579-1:2017/Amd 1:2020; EN ISO 6579-1:2017/A1:2020)  
Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 1: Detection of Salmonella spp. – Amendment 1 Broader range of incubation temperatures, amendment to the status of Annex D, and correction of the composition of MSRV and SC (ISO 6579-1:2017/Amd 1:2020; EN ISO 6579-1:2017/A1:2020)

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

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

HRN EN 62586-2:2014 hr-en pr-pp  
Mjerenje kvalitete energije u sustavima opskrbe energijom – 2. dio: Funkcionalna ispitivanja i zahtjevi nesigurnosti (IEC 62586-2:2013; EN 62586-2:2014)  
Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements (IEC 62586-2:2013; EN 62586-2:2014)

HRN EN 62586-2:2014/Ispr.1:2015 hr-en pr-pp  
Mjerenje kvalitete energije u sustavima opskrbe energijom – 2. dio: Funkcionalna ispitivanja i zahtjevi nesigurnosti (IEC 62586-2:2013/Corr.1:2014; EN 62586-2:2014/AC:2014)  
Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements (IEC 62586-2:2013/Corr.1:2014; EN 62586-2:2014/AC:2014)

## 2 Rezultati međunarodne i europske normizacije

### Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 88-1	Safety and control devices for gas burners and gas burning appliances – Part 1: Pressure regulators for inlet pressures up to and including 50 kPa	23.060.40	2022-10
EN 88-2	Safety and control devices for gas burners and gas burning appliances – Part 2: Pressure regulators for inlet pressures above 50 kPa up to and including 500 kPa	23.060.40	2022-10
EN 88-3	Safety and control devices for gas burners and gas burning appliances – Part 3: Pressure and/or flow rate regulators for inlet pressures up to and including 500 kPa, electronic types	23.060.40	2022-10
EN 125	Flame supervision devices for gas burning appliances – Thermoelectric flame supervision devices	27.060.20	2022-10
EN 161	Automatic shut-off valves for gas burners and gas appliances	23.060.10	2022-10
EN 257	Mechanical thermostats for gas-burning appliances	27.060.20	2022-10
EN 1097-7	Tests for mechanical and physical properties of aggregates – Part 7: Determination of the particle density of filler – Pyknometer method	91.100.15	2022-10
EN 1106	Manually operated taps for gas burning appliances	23.060.40	2022-10
EN 1253-6	Gullies for buildings – Part 6: Trapped floor gullies with a depth of water seal less than 50 mm	91.140.80	2022-10
EN 1253-7	Gullies for buildings – Part 7: Trapped floor gullies with mechanical closure	91.140.80	2022-10
EN 1253-8	Gullies for buildings – Part 8: Trapped floor gullies with combined mechanical closure and water seal	91.140.80	2022-10
EN 1467	Natural stone – Rough blocks – Requirements	73.020; 91.100.15	2022-10
EN 1852-1+A1	Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene (PP) – Part 1: Specifications for pipes, fittings and the system	23.040.05	2022-10
EN 2573	Aerospace series – Steel X6CrNiTi18-10 (1.4541) – Air melted – Softened – Wires – $0,25 \text{ mm} \leq De \leq 3 \text{ mm}$ – $R_m \leq 780 \text{ MPa}$	49.025.10	2022-10
EN 3375-001	Aerospace series – Cable, electrical, for digital data transmission – Part 001: Technical specification	49.060; 49.090	2022-10
EN 6052	Aerospace series – Rivet-collar-system, aluminium alloy, shear type, inch series – Technical Specification	49.030.60	2022-10
EN 12374	Packaging – Flexible tubes – Terminology	01.040.55; 55.120	2022-10
EN 12377	Packaging – Flexible tubes – Test method for the air tightness of closures	55.120	2022-10
EN 12697-26+A1	Bituminous mixtures – Test methods – Part 26: Stiffness	93.080.20	2022-10
EN 12697-33+A1	Bituminous mixtures – Test method – Part 33: Specimen prepared by roller compactor	93.080.20	2022-10
EN 12806	LPG equipment and accessories – Automotive liquefied petroleum gas components – Other than containers	43.060.40	2022-10
EN 12889	Trenchless construction and testing of drains and sewers	23.040.05; 93.030	2022-10
EN 12929-2+A1	Safety requirements for cableway installations designed to carry persons – General requirements – Part 2: Additional requirements for reversible bicable aerial ropeways without carrier truck brakes	45.100	2022-10
EN 12952-8	Water-tube boilers and auxiliary installations – Part 8: Requirements for firing systems for liquid and gaseous fuels for the boiler	27.040	2022-10
EN 12952-9	Water-tube boilers and auxiliary installations – Part 9: Requirements for firing systems for pulverized solid fuels for the boiler	27.040	2022-10
EN 12952-16	Water-tube boilers and auxiliary installations – Part 16: Requirements for grate and fluidized-bed firing systems for solid fuels for the boiler	27.040	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
EN 13048	Packaging – Flexible aluminium tubes – Internal lacquer film thickness measurement method	55.120	2022-10
EN 13084-9	Free-standing chimneys – Part 9: Lifetime management – Monitoring, inspection, maintenance, remedial and reporting; Operations and actions required	91.060.40	2022-10
EN 13483	Rubber and plastic hoses and hose assemblies with internal vapour recovery for measured fuel dispensing systems – Specification	23.040.70; 75.200	2022-10
EN 13799	LPG equipment and accessories – Contents gauges for Liquefied Petroleum Gas (LPG) pressure vessels	23.020.01	2022-10
EN 14525	Ductile iron and steel wide tolerance couplings and flange adaptors for use with pipes of different materials: ductile iron, Grey iron, steel, PVC-U, PVC-O, PE, fibre-cement	23.040.60	2022-10
EN 15085-6	Railway applications – Welding of railway vehicles and components – Part 6: Maintenance welding requirements	25.160.10; 45.060.01	2022-10
CEN/TR 15281	Potentially explosive atmospheres – Explosion prevention and protection – Guidance on inerting for the prevention of explosions	13.230	2022-10
EN 15354	Plastics – Extruded and/or calendered, non-reinforced film and sheeting made of plasticized poly(vinyl chloride) (PVC-P) – Characterization and designation	83.140.10	2022-10
EN 15714-3	Industrial valves – Actuators – Part 3: Pneumatic part-turn actuators for industrial valves – Basic requirements	23.060.20	2022-10
EN 15714-6	Industrial valves – Actuators – Part 6: Hydraulic linear actuators for industrial valves – Basic requirements	23.060.20	2022-10
EN 15947-2	Pyrotechnic articles – Fireworks, Categories F1, F2 and F3 – Part 2: Categories and types of firework	71.100.30	2022-10
EN 15947-3	Pyrotechnic articles – Fireworks, Categories F1, F2 and F3 – Part 3: Minimum labelling requirements	71.100.30	2022-10
EN 15947-4	Pyrotechnic articles – Fireworks, Categories F1, F2 and F3 – Part 4: Test methods	71.100.30	2022-10
EN 15947-5	Pyrotechnic articles – Fireworks, Categories F1, F2 and F3 – Part 5: Requirements for construction and performance	71.100.30	2022-10
EN 15969-1	Tanks for transport of dangerous goods – Digital interface for the data transfer between tank vehicle and with stationary facilities – Part 1: Protocol specification – Control, measurement and event data	13.300; 23.020.10; 35.240.60	2022-10
EN 15987	Leather – Terminology – Key definitions for the leather trade	01.040.59; 59.140.99	2022-10
EN 16091	Liquid petroleum products – Middle distillates and fatty acid methyl ester (FAME) fuels and blends – Determination of oxidation stability by rapid small scale oxidation test (RSSOT)	75.160.20	2022-10
EN 16304	Automatic vent valves for gas burners and gas burning appliances	23.060.40	2022-10
EN 16565	Packaging – Flexible tubes – Test method to determine the orientation of the flip-top cap	55.120	2022-10
EN 16592	Packaging – Rigid plastic containers – PET finish 29/25 (12,6)	55.100	2022-10
EN 16603-10-03	Space engineering – Testing	49.140	2022-10
EN 16603-20-07	Space engineering – Electromagnetic compatibility	49.140	2022-10
EN 16678	Safety and control devices for gas burners and gas burning appliances – Automatic shut-off valves for operating pressure of above 500 kPa up to and including 6300 kPa	23.060.40	2022-10
EN 16757	Sustainability of construction works – Environmental product declarations – Product Category Rules for concrete and concrete elements	91.100.30	2022-10
EN 16898	Safety and control devices for gas burners and gas burning appliances – Gas filters having a maximum working pressure up to and including 600 kPa	27.060.20	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17176-2+A1	Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure – Oriented unplasticized poly(vinyl chloride) (PVC-O) – Part 2: Pipes	23.040.20	2022-10
EN 17528	Clothing – Physiological effects – Measurement of water vapour resistance by means of a sweating manikin	61.020	2022-10
EN 17640	Fixed-time cybersecurity evaluation methodology for ICT products	35.030	2022-10
EN 17656	Stationary source emissions – Requirements on proficiency testing schemes for emission measurements	13.040.40	2022-10
CEN/TS 17676	Guidelines for the safe operation of fitness centres during an infectious outbreak	03.080.30; 97.220.01	2022-10
EN 17678-1	Installation of post-tensioning kits for prestressing of structures – Part 1: Competence of personnel	03.100.30; 91.080.40	2022-10
EN 17686	Flexible sheets for waterproofing – Determination of the resistance to wind load of roof build-up system with bonded waterproofing systems	91.100.50	2022-10
EN 17763	Centrifuges – Marine fuel centrifuges – Determination of particle separation performance and certified flow rate (CFR) under defined test conditions	47.020.20; 47.020.30	2022-10
CWA 17906	Code of Practice for the Impression Creep Test	77.040.10	2022-10
CWA 17935	Sustainable Nanomanufacturing Framework	07.120; 13.020.20	2022-10
CWA 17939	TRAIN4SUSTAIN Competence Quality Standard	03.100.30	2022-10
CWA 17941	Guidelines for an integrated approach of building retrofitting projects based on enhanced shallow geothermal technologies	27.190; 91.140.10	2022-10
EN 50089	High-Voltage switchgear and controlgear – Insulating pressurised partitions for gas filled metal enclosures	29.130.10	2022-10
EN 50173-20	Information technology – Generic cabling systems – Part 20: Alternative cabling configurations	35.110	2022-10
EN 50341-2-1	Overhead electrical lines exceeding AC 1 kV – Part 2-1: National Normative Aspects (NNAs) for Austria (based on EN 50341-1:2012)	29.240.20	2022-10
EN 50367/A1	Railway applications – Fixed installations and rolling stock – Criteria to achieve technical compatibility between pantographs and overhead contact line	29.280; 45.060.10	2022-10
EN 50549-10	Requirements for generating plants to be connected in parallel with distribution networks – Part 10: Tests for conformity assessment of generating units	27.100; 29.160.20	2022-10
EN 50642/A1	Cable management systems – Test method for content of halogens	29.120.10	2022-10
EN 50697	Information technology – Measurement of end-to-end links, modular plug terminated links and direct attach cabling	33.100.10; 35.110	2022-10
EN 60436/A12	Electric dishwashers for household use – Methods for measuring the performance	97.040.40	2022-10
EN IEC 60512-27-200	Connectors for electrical and electronic equipment – Tests and measurements – Part 27-200: Additional specifications for signal integrity tests up to 2000 MHz on IEC 60603-7 series connectors – Tests 27a to 27g (IEC 60512-27-200:2022)	31.220.10	2022-10
EN IEC 61000-4-11/AC	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase (IEC 61000-4-11:2020/ COR2:2022)	33.100.20	2022-10
EN IEC 61300-2-5	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-5: Tests – Torsion (IEC 61300-2-5:2022)	33.180.20	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61300-2-43	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-43: Tests – Screen testing of return loss of single-mode PC optical fibre connectors (IEC 61300-2-43:2022)	33.180.20	2022-10
EN IEC 61300-3-35	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-35: Examinations and measurements – Visual inspection of fibre optic connectors and fibre-stub transceivers (IEC 61300-3-35:2022)	33.180.20	2022-10
EN IEC 61400-12	Wind energy generation systems – Part 12: Power performance measurements of electricity producing wind turbines – Overview (IEC 61400-12:2022)	27.180	2022-10
EN IEC 61400-12-1	Wind energy generation systems – Part 12-1: Power performance measurements of electricity producing wind turbines (IEC 61400-12-1:2022)	27.180	2022-10
EN IEC 61400-12-2	Wind energy generation systems – Part 12-2: Power performance of electricity producing wind turbines based on nacelle anemometry (IEC 61400-12-2:2022)	27.180	2022-10
EN IEC 61400-12-3	Wind energy generation systems – Part 12-3: Power performance – Measurement based site calibration (IEC 61400-12-3:2022)	27.180	2022-10
EN IEC 61400-12-5	Wind energy generation systems – Part 12-5: Power performance – Assessment of obstacles and terrain (IEC 61400-12-5:2022)	27.180	2022-10
EN IEC 61400-12-6	Wind energy generation systems – Part 12-6: Measurement based nacelle transfer function of electricity producing wind turbines (IEC 61400-12-6:2022)	27.180	2022-10
EN IEC 61400-50	Wind energy generation systems – Part 50: Wind measurement – Overview (IEC 61400-50:2022)	27.180	2022-10
EN IEC 61400-50-2	Wind energy generation systems – Part 50-2: Wind measurement – Application of ground-mounted remote sensing technology (IEC 61400-50-2:2022)	27.180	2022-10
EN IEC 61753-043-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 043-02: Simplex patch-cord style single-mode fibre wavelength selective devices with cylindrical ferrule connectors for category C – Controlled environment (IEC 61753-043-02:2022)	33.180.20	2022-10
EN IEC 61755-1	Fibre optic interconnecting devices and passive components – Connector optical interfaces for single-mode fibres – Part 1: Optical interfaces for dispersion unshifted fibres – General and guidance (IEC 61755-1:2022)	33.180.20	2022-10
EN IEC 61755-2-1	Fibre optic interconnecting devices and passive components – Connector optical interfaces for single-mode fibres – Part 2-1: Connection parameters of dispersion unshifted physically contacting fibres – Non-angled (IEC 61755-2-1:2022)	33.180.20	2022-10
EN IEC 61755-2-2	Fibre optic interconnecting devices and passive components – Connector optical interfaces for single-mode fibres – Part 2-2: Connection parameters of dispersion unshifted physically contacting fibres – Angled (IEC 61755-2-2:2022)	33.180.20	2022-10
EN 62007-1/A1	Semiconductor optoelectronic devices for fibre optic system applications – Part 1: Specification template for essential ratings and characteristics (IEC 62007-1:2015/AMD1:2022)	31.080.01; 31.260; 33.180.01; 33.180.99	2022-10
EN IEC 62109-3	Safety of power converters for use in photovoltaic power systems – Part 3: Particular requirements for electronic devices in combination with photovoltaic elements (IEC 62109-3:2020)	27.160; 29.200	2022-10
EN 62148-12/A1	Fibre optic active components and devices – Package and interface standards – Part 12: Laser transmitters with a coaxial RF connector (IEC 62148-12:2004/AMD1:2022)	33.180.20; 33.180.30	2022-10
EN IEC 62387	Radiation protection instrumentation – Dosimetry systems with integrating passive detectors for individual, workplace and environmental monitoring of photon and beta radiation (IEC 62387:2020)	13.280; 17.240	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62387/A11	Radiation protection instrumentation – Dosimetry systems with integrating passive detectors for individual, workplace and environmental monitoring of photon and beta radiation	13.280; 17.240	2022-10
EN IEC 62453-2	Field device tool (FDT) interface specification – Part 2: Concepts and detailed description (IEC 62453-2:2022)	25.040.40; 35.100.05; 35.110; 35.160; 35.240.50	2022-10
EN IEC 62453-309	Field device tool (FDT) interface specification – Part 309: Communication profile integration – IEC 61784 CPF 9 (IEC 62453-309:2022)	25.040.40; 35.100.05; 35.110; 35.160; 35.240.50	2022-10
EN IEC 62604-2	Surface acoustic wave (SAW) and bulk acoustic wave (BAW) duplexers of assessed quality – Part 2: Guidelines for the use (IEC 62604-2:2022)	31.140; 31.160	2022-10
EN IEC 62680-1-2	Universal serial bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery specification (IEC 62680-1-2:2022)	29.220.01; 33.120.01; 35.200	2022-10
EN IEC 62680-1-3	Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-C(r) cable and connector specification (IEC 62680-1-3:2022)	33.120.20; 33.120.30; 35.200	2022-10
EN IEC 62764-1	Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure – Part 1: Low- frequency magnetic fields (IEC 62764-1:2022)	17.220.20; 17.240	2022-10
EN IEC 62990-1	Workplace atmospheres – Part 1: Gas detectors – Performance requirements of detectors for toxic gases (IEC 62990-1:2019 + COR1:2019)	13.040.30; 13.320; 29.260.20	2022-10
EN IEC 62990-1/A11	Workplace atmospheres – Part 1: Gas detectors – Performance requirements of detectors for toxic gases	13.040.30; 13.320; 29.260.20	2022-10
EN IEC 63171-5	Connectors for electrical and electronic equipment – Part 5: Detail specification for 2-way M8 and M12 circular connectors, shielded or unshielded, free and fixed – Mechanical mating information, pin assignment and additional requirements for Type 5 (IEC 63171-5:2022)	31.220.10	2022-10
EN IEC 63299	Classification of magnetic powder cores (IEC 63299:2022)	29.030; 29.100.10	2022-10
EN ISO 898-2	Fasteners – Mechanical properties of fasteners made of carbon steel and alloy steel – Part 2: Nuts with specified property classes (ISO 898-2:2022)	21.060.20	2022-10
EN ISO 3107	Dentistry – Zinc oxide-eugenol cements and non-eugenol zinc oxide cements (ISO 3107:2022)	11.060.10	2022-10
CEN ISO/TR 4450	Quality management systems – Guidance for the application of ISO 19443:2018 (ISO/TR 4450:2020)	03.100.70; 03.120.10; 27.120.01	2022-10
EN ISO 4465	Textiles – Animal welfare in the supply chain – General requirements for the production, preparation and traceability of Angora rabbit fibre, including ethical claims and supporting information (ISO 4465:2022)	03.120.20; 59.060.10	2022-10
EN ISO 5467-1	Dentistry – Mobile dental units and dental patient chairs – Part 1: General requirements (ISO 5467-1:2022)	11.060.20	2022-10
EN ISO 5467-2	Dentistry – Mobile dental units and dental patient chairs – Part 2: Air, water, suction and wastewater systems (ISO 5467-2:2022)	11.060.20	2022-10
EN ISO 5755	Sintered metal material – Specifications (ISO 5755:2022)	77.160	2022-10
EN ISO 6165	Earth-moving machinery – Basic types – Identification and vocabulary (ISO 6165:2022)	01.040.53; 53.100	2022-10
EN ISO 6709	Standard representation of geographic point location by coordinates (ISO 6709:2022)	35.240.70	2022-10
EN ISO 7494-2	Dentistry – Stationary dental units and dental patient chairs – Part 2: Air, water, suction and wastewater systems (ISO 7494-2:2022)	11.060.20	2022-10
CEN ISO/TR 9241-514	Ergonomics of human-system interaction – Part 514: Guidance for the application of anthropometric data in the ISO 9241-500 series (ISO/TR 9241-514:2020)	13.180	2022-10
EN ISO 9333	Dentistry – Brazing materials (ISO 9333:2022)	11.060.10	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 10101-3	Natural gas – Determination of water by the Karl Fischer method – Part 3: Coulometric procedure (ISO 10101-3:2022)	75.060	2022-10
EN ISO 10121-3	Test methods for assessing the performance of gas-phase air cleaning media and devices for general ventilation – Part 3: Classification system for GPACDs applied to treatment of outdoor air (ISO 10121-3:2022)	91.140.30	2022-10
EN ISO 10715	Natural gas – Gas sampling (ISO 10715:2022)	75.060	2022-10
EN ISO 10819/A2	Mechanical vibration and shock – Hand-arm vibration – Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand – Amendment 2 (ISO 10819:2013/Amd 2:2021)	13.160; 13.340.40	2022-10
EN ISO 11296-9	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 9: Lining with a rigidly anchored plastics inner layer (ISO 11296-9:2022)	23.040.20; 23.040.45; 91.140.80; 93.030	2022-10
EN ISO 11746	Rice – Determination of biometric characteristics of kernels (ISO 11746:2020)	67.060	2022-10
EN ISO 12216	Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements (ISO 12216:2020)	47.080	2022-10
EN ISO 12216/A1	Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements – Amendment 1 (ISO 12216:2020/Amd 1:2022)	47.080	2022-10
EN ISO 12625-15	Tissue paper and tissue products – Part 15: Determination of optical properties – Measurement of brightness and colour with C/2Å° (indoor daylight) illuminant (ISO 12625-15:2022)	85.080.20	2022-10
EN ISO 13137	Workplace atmospheres – Pumps for personal sampling of chemical and biological agents – Requirements and test methods (ISO 13137:2022)	13.040.30	2022-10
EN ISO 13165-2	Water quality – Radium-226 – Part 2: Test method using emanometry (ISO 13165-2:2022)	13.060.60; 17.240	2022-10
EN ISO 13297/A1	Small craft – Electrical systems – Alternating and direct current installations – Amendment 1 (ISO 13297:2020/Amd 1:2022)	47.080	2022-10
EN ISO 13349-1	Fans – Vocabulary and definitions of categories – Part 1: Vocabulary (ISO 13349-1:2022)	01.040.23; 23.120	2022-10
EN ISO 13349-2	Fans – Vocabulary and definitions of categories – Part 2: Categories (ISO 13349-2:2022)	01.040.23; 23.120	2022-10
EN ISO 14087	Leather – Physical and mechanical tests – Determination of bending force (ISO 14087:2022)	59.140.30	2022-10
EN ISO 14389	Textiles – Determination of the phthalate content – Tetrahydrofuran method (ISO 14389:2022)	59.060.01	2022-10
CEN ISO/TS 14827-4	Intelligent transport systems – Data interfaces between centres for transport information and control systems – Part 4: Data interfaces between centres for Intelligent transport systems (ITS) using XML (Profile B) (ISO/TS 14827-4:2022)	03.220.01; 35.240.60	2022-10
EN ISO 15799	Soil quality – Guidance on the ecotoxicological characterization of soils and soil materials (ISO 15799:2019)	13.080.99	2022-10
EN ISO 16396-1	Plastics – Polyamide (PA) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 16396-1:2022)	83.080.20	2022-10
EN ISO 16484-5	Building automation and control systems (BACS) – Part 5: Data communication protocol (ISO 16484-5:2022)	35.240.67; 91.040.01	2022-10
EN ISO 17616	Soil quality – Guidance on the choice and evaluation of bioassays for ecotoxicological characterization of soils and soil materials (ISO 17616:2019)	13.080.05	2022-10
EN ISO 17636-2	Non-destructive testing of welds – Radiographic testing – Part 2: X- and gamma-ray techniques with digital detectors (ISO 17636-2:2022)	25.160.40	2022-10
EN ISO 18416/A1	Cosmetics – Microbiology – Detection of Candida albicans – Amendment 1 (ISO 18416:2015/Amd 1:2022)	07.100.40	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 18618	Dentistry – Interoperability of CAD/CAM Systems (ISO 18618:2022)	11.060.01	2022-10
EN ISO 18778	Respiratory equipment – Particular requirements for basic safety and essential performance of infant cardiorespiratory monitors (ISO 18778:2022)	11.040.10; 11.040.55	2022-10
EN ISO 19168-2	Geographic information – Geospatial API for features – Part 2: Coordinate Reference Systems by Reference (ISO 19168-2:2022)	35.240.70	2022-10
EN ISO 19204	Soil quality – Procedure for site-specific ecological risk assessment of soil contamination (soil quality TRIAD approach) (ISO 19204:2017)	13.080.01	2022-10
EN ISO 20270	Acoustics – Characterization of sources of structure-borne sound and vibration – Indirect measurement of blocked forces (ISO 20270:2019)	17.140.20	2022-10
EN ISO 21789	Gas turbine applications – Safety (ISO 21789:2022)	27.040	2022-10
EN ISO 22739	Blockchain and distributed ledger technologies – Vocabulary (ISO 22739:2020)	01.040.35; 35.030; 35.040.99; 35.240.99	2022-10
EN ISO 23157	Determination of the silanol group content on the surface of fumed silica – Reaction gas chromatographic method (ISO 23157:2021)	87.060.10	2022-10
EN ISO 23632	Industrial valves – Design validation-testing of valves (ISO 23632:2021)	23.060.01	2022-10
EN ISO 23861	Workplace air – Chemical agent present as a mixture of airborne particles and vapour – Requirements for evaluation of measuring procedures using samplers (ISO 23861:2022)	13.040.30	2022-10
EN ISO 24019	Simultaneous interpreting delivery platforms – Requirements and recommendations (ISO 24019:2022)	91.040.10	2022-10
EN ISO 26986/A1	Resilient floor coverings – Expanded (cushioned) poly(vinyl chloride) floor covering – Specification – Amendment 1 (ISO 26986:2010/Amd 1:2022)	97.150	2022-10
EN ISO 29481-3	Building information models – Information delivery manual – Part 3: Data schema (ISO 29481-3:2022)	35.240.67; 91.010.01	2022-10
CEN ISO/ASTM/TR 52917	Additive manufacturing – Round robin testing – General guidelines (ISO/ASTM TR 52917:2022)	25.030	2022-10

## Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16603-10-03	Space engineering – Testing	49.140	2022-10
EN 16603-20-07	Space engineering – Electromagnetic compatibility	49.140	2022-10
EN 17640	Fixed-time cybersecurity evaluation methodology for ICT products	35.030	2022-10
EN 50089	High-Voltage switchgear and controlgear – Insulating pressurised partitions for gas filled metal enclosures	29.130.10	2022-10
EN 50173-20	Information technology – Generic cabling systems – Part 20: Alternative cabling configurations	35.110	2022-10
EN 50341-2-1	Overhead electrical lines exceeding AC 1 kV – Part 2-1: National Normative Aspects (NNAs) for Austria (based on EN 50341-1:2012)	29.240.20	2022-10
EN 50367/A1	Railway applications – Fixed installations and rolling stock – Criteria to achieve technical compatibility between pantographs and overhead contact line	29.280   45.060.10	2022-10
EN 50549-10	Requirements for generating plants to be connected in parallel with distribution networks – Part 10: Tests for conformity assessment of generating units	27.100   29.160.20	2022-10
EN 50642/A1	Cable management systems – Test method for content of halogens	29.120.10	2022-10
EN 50697	Information technology – Measurement of end-to-end links, modular plug terminated links and direct attach cabling	33.100.10   35.110	2022-10
EN 60436/A12	Electric dishwashers for household use – Methods for measuring the performance	97.040.40	2022-10
EN IEC 60512-27-200	Connectors for electrical and electronic equipment – Tests and measurements – Part 27-200: Additional specifications for signal integrity tests up to 2000 MHz on IEC 60603-7 series connectors – Tests 27a to 27g (IEC 60512-27-200:2022)	31.220.10	2022-10
EN IEC 61000-4-11/AC	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase (IEC 61000-4-11:2020/COR2:2022)	33.100.20	2022-10
EN IEC 61300-2-5	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-5: Tests – Torsion (IEC 61300-2-5:2022)	33.180.20	2022-10
EN IEC 61300-2-43	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-43: Tests – Screen testing of return loss of single-mode PC optical fibre connectors (IEC 61300-2-43:2022)	33.180.20	2022-10
EN IEC 61300-3-35	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-35: Examinations and measurements – Visual inspection of fibre optic connectors and fibre-stub transceivers (IEC 61300-3-35:2022)	33.180.20	2022-10
EN IEC 61400-12	Wind energy generation systems – Part 12: Power performance measurements of electricity producing wind turbines – Overview (IEC 61400-12:2022)	27.180	2022-10
EN IEC 61400-12-1	Wind energy generation systems – Part 12-1: Power performance measurements of electricity producing wind turbines (IEC 61400-12-1:2022)	27.180	2022-10
EN IEC 61400-12-2	Wind energy generation systems – Part 12-2: Power performance of electricity producing wind turbines based on nacelle anemometry (IEC 61400-12-2:2022)	27.180	2022-10
EN IEC 61400-12-3	Wind energy generation systems – Part 12-3: Power performance – Measurement based site calibration (IEC 61400-12-3:2022)	27.180	2022-10
EN IEC 61400-12-5	Wind energy generation systems – Part 12-5: Power performance – Assessment of obstacles and terrain (IEC 61400-12-5:2022)	27.180	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61400-12-6	Wind energy generation systems – Part 12-6: Measurement based nacelle transfer function of electricity producing wind turbines (IEC 61400-12-6:2022)	27.180	2022-10
EN IEC 61400-50	Wind energy generation systems – Part 50: Wind measurement – Overview (IEC 61400-50:2022)	27.180	2022-10
EN IEC 61400-50-2	Wind energy generation systems – Part 50-2: Wind measurement – Application of ground-mounted remote sensing technology (IEC 61400-50-2:2022)	27.180	2022-10
EN IEC 61753-043-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 043-02: Simplex patch-cord style single-mode fibre wavelength selective devices with cylindrical ferrule connectors for category C – Controlled environment (IEC 61753-043-02:2022)	33.180.20	2022-10
EN IEC 61755-1	Fibre optic interconnecting devices and passive components – Connector optical interfaces for single-mode fibres – Part 1: Optical interfaces for dispersion unshifted fibres – General and guidance (IEC 61755-1:2022)	33.180.20	2022-10
EN IEC 61755-2-1	Fibre optic interconnecting devices and passive components – Connector optical interfaces for single-mode fibres – Part 2-1: Connection parameters of dispersion unshifted physically contacting fibres – Non-angled (IEC 61755-2-1:2022)	33.180.20	2022-10
EN IEC 61755-2-2	Fibre optic interconnecting devices and passive components – Connector optical interfaces for single-mode fibres – Part 2-2: Connection parameters of dispersion unshifted physically contacting fibres – Angled (IEC 61755-2-2:2022)	33.180.20	2022-10
EN 62007-1/A1	Semiconductor optoelectronic devices for fibre optic system applications – Part 1: Specification template for essential ratings and characteristics (IEC 62007-1:2015/AMD1:2022)	31.080.01   31.260   33.180.01   33.180.99	2022-10
EN IEC 62109-3	Safety of power converters for use in photovoltaic power systems – Part 3: Particular requirements for electronic devices in combination with photovoltaic elements (IEC 62109-3:2020)	27.160   29.200	2022-10
EN 62148-12/A1	Fibre optic active components and devices – Package and interface standards – Part 12: Laser transmitters with a coaxial RF connector (IEC 62148-12:2004/AMD1:2022)	33.180.20   33.180.30	2022-10
EN IEC 62387	Radiation protection instrumentation – Dosimetry systems with integrating passive detectors for individual, workplace and environmental monitoring of photon and beta radiation (IEC 62387:2020)	13.280   17.240	2022-10
EN IEC 62387/A11	Radiation protection instrumentation – Dosimetry systems with integrating passive detectors for individual, workplace and environmental monitoring of photon and beta radiation	13.280   17.240	2022-10
EN IEC 62453-2	Field device tool (FDT) interface specification – Part 2: Concepts and detailed description (IEC 62453-2:2022)	25.040.40   35.100.05   35.110   35.160   35.240.50	2022-10
EN IEC 62453-309	Field device tool (FDT) interface specification – Part 309: Communication profile integration – IEC 61784 CPF 9 (IEC 62453-309:2022)	25.040.40   35.100.05   35.110   35.160   35.240.50	2022-10
EN IEC 62604-2	Surface acoustic wave (SAW) and bulk acoustic wave (BAW) duplexers of assessed quality – Part 2: Guidelines for the use (IEC 62604-2:2022)	31.140   31.160	2022-10
EN IEC 62680-1-2	Universal serial bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery specification (IEC 62680-1-2:2022)	29.220.01   33.120.01   35.200	2022-10
EN IEC 62680-1-3	Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-C(r) cable and connector specification (IEC 62680-1-3:2022)	33.120.20   33.120.30   35.200	2022-10
EN IEC 62764-1	Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure – Part 1: Low- frequency magnetic fields (IEC 62764-1:2022)	17.220.20   17.240	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62990-1	Workplace atmospheres – Part 1: Gas detectors – Performance requirements of detectors for toxic gases (IEC 62990-1:2019 + COR1:2019)	13.040.30   13.320   29.260.20	2022-10
EN IEC 62990-1/A11	Workplace atmospheres – Part 1: Gas detectors – Performance requirements of detectors for toxic gases	13.040.30   13.320   29.260.20	2022-10
EN IEC 63171-5	Connectors for electrical and electronic equipment – Part 5: Detail specification for 2-way M8 and M12 circular connectors, shielded or unshielded, free and fixed – Mechanical mating information, pin assignment and additional requirements for Type 5 (IEC 63171-5:2022)	31.220.10	2022-10
EN IEC 63299	Classification of magnetic powder cores (IEC 63299:2022)	29.030   29.100.10	2022-10
EN ISO 22739	Blockchain and distributed ledger technologies – Vocabulary (ISO 22739:2020)	01.040.35   35.030   35.040.99   35.240.99	2022-10

## Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 100392-7 V 4.1.1	Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 7: Security	33.070.10	2022-10
ETSI TS 100396-6 V 2.1.1	Terrestrial Trunked Radio (TETRA) – Direct Mode Operation (DMO) – Part 6: Security	33.070.10	2022-10
ETSI TS 102225 V 17.0.0	Smart Cards – Secured packet structure for UICC based applications (Release 17)	35.240.15	2022-10
ETSI TS 102225 V 18.0.0	Smart Cards – Secured packet structure for UICC based applications (Release 18)	35.240.15	2022-10
ETSI TS 102226 V 16.1.0	Smart Cards – Remote APDU structure for UICC based applications (Release 16)	35.240.15	2022-10
ETSI TS 102226 V 17.0.0	Smart Cards – Remote APDU structure for UICC based applications (Release 17)	35.240.15	2022-10
ETSI TS 102226 V 18.0.0	Smart Cards – Remote APDU structure for UICC based applications (Release 18)	35.240.15	2022-10
ETSI TS 103586 V 1.3.1	Environmental Engineering (EE) – Liquid cooling solutions for Information and Communication Technology (ICT) infrastructure equipment	35.110; 35.160	2022-10
ETSI TS 103850 V 1.1.1	Reconfigurable Radio Systems (RRS) – Definition of Radio Application Package	33.070.50	2022-10
ETSI TR 103877 V 1.1.1	Task Force for European Standards for IMT-2000 (MSG) – Technical Parameter selection in ETSI EN 301908 Base Station (BS) Harmonised Standards	33.070.01	2022-10
ETSI TS 122261 V 17.11.0	5G – Service requirements for the 5G system (3GPP TS 22.261 version 17.11.0 Release 17)	33.070.50	2022-10
ETSI TS 123003 V 16.10.	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 16.10.0 Release 16)	33.070.50	2022-10
ETSI TS 123003 V 17.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 123122 V 17.8.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 17.8.0 Release 17)	33.070.50	2022-10
ETSI TS 123222 V 15.6.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 15.6.0 Release 15)	33.070.99	2022-10
ETSI TS 123222 V 16.12.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 16.12.0 Release 16)	33.070.99	2022-10
ETSI TS 123222 V 17.7.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 123434 V 17.7.0	5G – Service Enabler Architecture Layer for Verticals (SEAL) – Functional architecture and information flows (3GPP TS 23.434 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 123527 V 17.5.0	5G – 5G System – Restoration procedures (3GPP TS 23.527 version 17.5.0 Release 17)	33.070.99	2022-10
ETSI TS 123540 V 17.1.0	5G – 5G System: Technical realization of Service Based Short Message Service – Stage 2 (3GPP TS 23.540 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 123558 V 17.5.0	5G – Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.5.0 Release 17)	33.070.50	2022-10
ETSI TS 123632 V 17.3.0	LTE – 5G – User data interworking, coexistence and migration – Stage 2 (3GPP TS 23.632 version 17.3.0 Release 17)	33.070.99	2022-10
ETSI TS 124007 V 17.5.0	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 17.5.0 Release 17)	33.070.50	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124008 V 17.8.0	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 17.8.0 Release 17)	33.070.50	2022-10
ETSI TS 124193 V 17.6.0	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 124229 V 17.8.1	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 17.8.1 Release 17)	33.070.50	2022-10
ETSI TS 124257 V 17.2.0	5G – Uncrewed Aerial System (UAS) Application Enabler (UAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.257 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 124281 V 17.8.0	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 17.8.0 Release 17)	33.070.99	2022-10
ETSI TS 124282 V 17.8.0	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 17.8.0 Release 17)	33.070.99	2022-10
ETSI TS 124301 V 17.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 17.8.0 Release 17)	33.070.50	2022-10
ETSI TS 124302 V 17.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks – Stage 3 (3GPP TS 24.302 version 17.6.0 Release 17)	33.070.50	2022-10
ETSI TS 124379 V 15.15.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 15.15.0 Release 15)	33.070.99	2022-10
ETSI TS 124379 V 16.13.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 124379 V 17.8.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 17.8.0 Release 17)	33.070.99	2022-10
ETSI TS 124380 V 15.10.0	LTE – Mission Critical Push To Talk (MCPTT) media plane control – Protocol specification (3GPP TS 24.380 version 15.10.0 Release 15)	33.070.99	2022-10
ETSI TS 124380 V 16.9.0	LTE – Mission Critical Push To Talk (MCPTT) media plane control – Protocol specification (3GPP TS 24.380 version 16.9.0 Release 16)	33.070.99	2022-10
ETSI TS 124380 V 17.7.0	LTE – Mission Critical Push To Talk (MCPTT) media plane control – Protocol specification (3GPP TS 24.380 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 124484 V 14.14.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 14.14.0 Release 14)	33.070.99	2022-10
ETSI TS 124484 V 15.13.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 15.13.0 Release 15)	33.070.99	2022-10
ETSI TS 124484 V 16.13.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 124484 V 17.7.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 124501 V 17.8.0	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 17.8.0 Release 17)	33.070.99	2022-10
ETSI TS 124519 V 16.7.0	5G – 5G System (5GS) – Time-Sensitive Networking (TSN) Application Function (AF) to Device-Side TSN Translator (DS-TT) and Network-Side TSN Translator (NW-TT) protocol aspects – Stage 3 (3GPP TS 24.519 version 16.7.0 Release 16)	33.070.99	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124538 V 17.1.0	5G – Enabling MSGin5G Service – Protocol specification (3GPP TS 24.538 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 124539 V 17.6.0	5G – 5G System (5GS) – Network to TSN translator (TT) protocol aspects – Stage 3 (3GPP TS 24.539 version 17.6.0 Release 17)	33.070.50	2022-10
ETSI TS 124545 V 17.4.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 17.4.0 Release 17)	33.070.99	2022-10
ETSI TS 124546 V 17.4.0	5G – Configuration management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.546 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 124548 V 17.2.0	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 124549 V 17.2.0	5G – Network slice capability enablement- Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification – Stage 3 (3GPP TS 24.549 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 124554 V 17.2.1	5G – Proximity-services (ProSe) in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.554 version 17.2.1 Release 17)	33.070.50	2022-10
ETSI TS 124555 V 17.2.1	5G – Proximity-services (ProSe) in 5G System (5GS) – User Equipment (UE) policies – Stage 3 (3GPP TS 24.555 version 17.2.1 Release 17)	33.070.50	2022-10
ETSI TS 124558 V 17.1.0	5G – Enabling Edge Applications – Protocol specification (3GPP TS 24.558 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 124587 V 17.7.0	5G – Vehicle-to-Everything (V2X) services in 5G System (5GS) – Stage 3 (3GPP TS 24.587 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 126131 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Terminal acoustic characteristics for telephony – Requirements (3GPP TS 26.131 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 126501 V 17.3.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 126502 V 17.2.0	5G – 5G Multicast-Broadcast User Service Architecture (3GPP TS 26.502 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 126512 V 16.7.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 16.7.0 Release 16)	33.070.50	2022-10
ETSI TS 126512 V 17.2.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 126531 V 17.1.0	5G – Data Collection and Reporting – General Description and Architecture (3GPP TS 26.531 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 126532 V 17.1.0	5G – Data Collection and Reporting – Protocols and Formats (3GPP TS 26.532 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TR 126955 V 17.1.0	5G – Video codec characteristics for 5G-based services and applications (3GPP TR 26.955 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TR 126998 V 17.1.0	LTE – 5G – Support of 5G glass-type Augmented Reality / Mixed Reality (AR/MR) devices (3GPP TR 26.998 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 127007 V 17.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – AT command set for User Equipment (UE) (3GPP TS 27.007 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 128100 V 17.1.0	5G – Management and orchestration – Levels of autonomous network (3GPP TS 28.100 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 128104 V 17.1.1	5G – Management and orchestration – Management Data Analytics (MDA) (3GPP TS 28.104 version 17.1.1 Release 17)	33.070.50	2022-10
ETSI TS 128105 V 17.1.1	5G – Management and orchestration – Artificial Intelligence/ Machine Learning (AI/ML) management (3GPP TS 28.105 version 17.1.1 Release 17)	33.070.50	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128310 V 17.4.0	LTE – 5G – Management and orchestration – Energy efficiency of 5G (3GPP TS 28.310 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 128312 V 17.1.1	LTE – 5G – Management and orchestration – Intent driven management services for mobile networks (3GPP TS 28.312 version 17.1.1 Release 17)	33.070.50	2022-10
ETSI TS 128313 V 16.3.0	5G – Management and orchestration – Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 16.3.0 Release 16)	33.070.50	2022-10
ETSI TS 128313 V 17.6.0	5G – Management and orchestration – Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 17.6.0 Release 17)	33.070.50	2022-10
ETSI TS 128404 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Quality of Experience (QoE) measurement collection – Concepts, use cases and requirements (3GPP TS 28.404 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 128405 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Quality of Experience (QoE) measurement collection – Control and configuration (3GPP TS 28.405 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 128530 V 17.3.0	5G – Management and orchestration – Concepts, use cases and requirements (3GPP TS 28.530 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 128531 V 15.10.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 15.10.0 Release 15)	33.070.50	2022-10
ETSI TS 128531 V 16.13.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 16.13.0 Release 16)	33.070.50	2022-10
ETSI TS 128531 V 17.5.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 17.5.0 Release 17)	33.070.50	2022-10
ETSI TS 128532 V 16.12.1	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 16.12.1 Release 16)	33.070.50	2022-10
ETSI TS 128532 V 17.2.1	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 17.2.1 Release 17)	33.070.50	2022-10
ETSI TS 128536 V 17.4.1	LTE – 5G – Management and orchestration – Management services for communication service assurance – Stage 2 and stage 3 (3GPP TS 28.536 version 17.4.1 Release 17)	33.070.50	2022-10
ETSI TS 128541 V 17.8.1	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 17.8.1 Release 17)	33.070.50	2022-10
ETSI TS 128552 V 16.15.0	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 16.15.0 Release 16)	33.070.50	2022-10
ETSI TS 128552 V 17.8.0	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 17.8.0 Release 17)	33.070.50	2022-10
ETSI TS 128554 V 16.11.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 16.11.0 Release 16)	33.070.50	2022-10
ETSI TS 128554 V 17.8.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 17.8.0 Release 17)	33.070.50	2022-10
ETSI TS 128622 V 16.13.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 16.13.0 Release 16)	33.070.50	2022-10
ETSI TS 128622 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 17.3.0 Release 17)	33.070.50	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128623 V 16.12.1	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 16.12.1 Release 16)	33.070.50	2022-10
ETSI TS 128623 V 17.3.1	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 17.3.1 Release 17)	33.070.50	2022-10
ETSI TS 129060 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 129171 V 16.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 16.4.0 Release 16)	33.070.50	2022-10
ETSI TS 129171 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 129244 V 17.6.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129256 V 17.2.0	5G – Uncrewed Aerial Systems Network Function (UAS-NF) – Aerial Management Services – Stage 3 (3GPP TS 29.256 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 129272 V 17.4.0	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 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 129273 V 17.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 129274 V 16.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 16.12.0 Release 16)	33.070.50	2022-10
ETSI TS 129274 V 17.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 129281 V 17.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 129328 V 17.4.0	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 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 129413 V 17.2.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 129500 V 16.12.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 16.12.0 Release 16)	33.070.99	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129500 V 17.8.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 17.8.0 Release 17)	33.070.99	2022-10
ETSI TS 129501 V 16.7.0	5G – 5G System – Principles and Guidelines for Services Definition – Stage 3 (3GPP TS 29.501 version 16.7.0 Release 16)	33.070.99	2022-10
ETSI TS 129501 V 17.7.0	5G – 5G System – Principles and Guidelines for Services Definition – Stage 3 (3GPP TS 29.501 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 129502 V 16.13.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 129502 V 17.6.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129503 V 16.13.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 129503 V 17.8.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 17.8.0 Release 17)	33.070.99	2022-10
ETSI TS 129504 V 17.8.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 17.8.0 Release 17)	33.070.99	2022-10
ETSI TS 129505 V 16.11.0	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 16.11.0 Release 16)	33.070.99	2022-10
ETSI TS 129505 V 17.8.0	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 17.8.0 Release 17)	33.070.99	2022-10
ETSI TS 129509 V 17.7.0	5G – 5G System – Authentication Server Services – Stage 3 (3GPP TS 29.509 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 129510 V 17.7.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 129515 V 17.6.0	5G – 5G System – Gateway Mobile Location Services – Stage 3 (3GPP TS 29.515 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129518 V 16.13.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 129518 V 17.7.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 129526 V 17.6.0	5G – 5G System – Network Slice-Specific and SNPN Authentication and Authorization services – Stage 3 (3GPP TS 29.526 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129531 V 17.6.0	5G – 5G System – Network Slice Selection Services – Stage 3 (3GPP TS 29.531 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129532 V 17.2.0	5G – 5G System – 5G Multicast-Broadcast Session Management Services – Stage 3 (3GPP TS 29.532 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 129536 V 17.2.0	5G – 5G System – Network Slice Admission Control Services – Stage 3 (3GPP TS 29.536 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 129540 V 17.6.0	5G – 5G System – SMS Services – Stage 3 (3GPP TS 29.540 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129541 V 17.4.0	LTE – 5G – 5G System – Network Exposure (NE) function services for Non-IP Data Delivery (NIDD) and Short Message Services (SMS) – Stage 3 (3GPP TS 29.541 version 17.4.0 Release 17)	33.070.99	2022-10
ETSI TS 129553 V 17.0.0	5G – 5G System – 5G ProSe Anchor Services – Stage 3 (3GPP TS 29.553 version 17.0.0 Release 17)	33.070.50	2022-10
ETSI TS 129559 V 17.1.0	5G – 5G System – 5G ProSe Key Management Services – Stage 3 (3GPP TS 29.559 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 129562 V 16.8.0	5G – 5G System – Home Subscriber Server (HSS) services – Stage 3 (3GPP TS 29.562 version 16.8.0 Release 16)	33.070.99	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129562 V 17.6.0	5G – 5G System – Home Subscriber Server (HSS) services – Stage 3 (3GPP TS 29.562 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129563 V 17.6.0	5G – 5G System – Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM) – Stage 3 (3GPP TS 29.563 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129564 V 17.2.0	5G – 5G System – User Plane Function Services – Stage 3 (3GPP TS 29.564 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 129571 V 16.13.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 129571 V 17.7.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 129572 V 17.6.0	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129573 V 15.6.0	5G – 5G System – Public Land Mobile Network (PLMN) Interconnection – Stage 3 (3GPP TS 29.573 version 15.6.0 Release 15)	33.070.99	2022-10
ETSI TS 129573 V 16.11.0	5G – 5G System – Public Land Mobile Network (PLMN) Interconnection – Stage 3 (3GPP TS 29.573 version 16.11.0 Release 16)	33.070.99	2022-10
ETSI TS 129573 V 17.6.0	5G – 5G System – Public Land Mobile Network (PLMN) Interconnection – Stage 3 (3GPP TS 29.573 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 129577 V 17.1.0	5G – 5G System – IP Short Message Gateway and SMS Router For Short Message Services – Stage 3 (3GPP TS 29.577 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 129578 V 17.1.0	5G – 5G System – Mobile Number Portability Services – Stage 3 (3GPP TS 29.578 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 129579 V 17.1.0	5G – 5G System – Interworking MSC For Short Message Services – Stage 3 (3GPP TS 29.579 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 129581 V 17.1.0	5G – 5G System – Multicast/Broadcast Service Transport Services – Stage 3 (3GPP TS 29.581 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 129641 V 17.2.0	5G – 3GPP Registry for Service Names and Port Numbers (3GPP TS 29.641 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 131102 V 15.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 15.12.0 Release 15)	33.070.50	2022-10
ETSI TS 131102 V 16.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 16.12.0 Release 16)	33.070.50	2022-10
ETSI TS 131102 V 17.7.1	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 17.7.1 Release 17)	33.070.50	2022-10
ETSI TS 131111 V 17.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 17.5.0 Release 17)	33.070.50	2022-10
ETSI TS 131121 V 16.9.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.9.0 Release 16)	33.070.50	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 131124 V 16.9.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 16.9.0 Release 16)	33.070.50	2022-10
ETSI TS 132158 V 16.7.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.7.0 Release 16)	33.070.50	2022-10
ETSI TS 132158 V 17.2.1	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 17.2.1 Release 17)	33.070.50	2022-10
ETSI TS 132160 V 17.5.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 17.5.0 Release 17)	33.070.50	2022-10
ETSI TS 132240 V 17.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging architecture and principles (3GPP TS 32.240 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 132254 V 17.2.0	LTE – 5G – Telecommunication management – Charging management – Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 132255 V 17.7.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 132257 V 17.1.0	5G – Telecommunication management – Charging management – Edge computing domain charging (3GPP TS 32.257 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 132260 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 132274 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Short Message Service (SMS) charging (3GPP TS 32.274 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 132277 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Proximity-based Services (ProSe) charging (3GPP TS 32.277 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 132291 V 16.13.0	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 16.13.0 Release 16)	33.070.50	2022-10
ETSI TS 132291 V 17.4.0	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 132297 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) file format and transfer (3GPP TS 32.297 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 132298 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 132421 V 16.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 16.3.0 Release 16)	33.070.50	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132421 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 132422 V 16.11.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 16.11.0 Release 16)	33.070.50	2022-10
ETSI TS 132422 V 17.8.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 17.8.0 Release 17)	33.070.50	2022-10
ETSI TS 132423 V 16.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 16.7.0 Release 16)	33.070.50	2022-10
ETSI TS 132423 V 17.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 17.5.0 Release 17)	33.070.50	2022-10
ETSI TS 133501 V 16.12.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.12.0 Release 16)	33.070.50	2022-10
ETSI TS 134229-1 V 16.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 16.3.0 Release 16)	33.070.50	2022-10
ETSI TS 134229-2 V 16.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 16.4.0 Release 16)	33.070.50	2022-10
ETSI TS 134229-3 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 16.7.0 Release 16)	33.070.50	2022-10
ETSI TS 134229-5 V 16.4.0	5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 5: Protocol conformance specification using 5G System (5GS) (3GPP TS 34.229-5 version 16.4.0 Release 16)	33.070.50	2022-10
ETSI TS 136101 V 10.33.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.33.0 Release 10)	33.070.50; 33.070.99	2022-10
ETSI TS 136101 V 11.30.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.30.0 Release 11)	33.070.50; 33.070.99	2022-10
ETSI TS 136101 V 12.30.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.30.0 Release 12)	33.070.50; 33.070.99	2022-10
ETSI TS 136101 V 13.24.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 13.24.0 Release 13)	33.070.50; 33.070.99	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136104 V 17.7.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 136141 V 17.7.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 136171 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136213 V 15.16.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 15.16.0 Release 15)	33.070.50	2022-10
ETSI TS 136213 V 16.9.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 16.9.0 Release 16)	33.070.50	2022-10
ETSI TS 136213 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 136300 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136304 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136305 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136306 V 16.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 16.10.0 Release 16)	33.070.50	2022-10
ETSI TS 136306 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136307 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136321 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136331 V 15.19.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 15.19.0 Release 15)	33.070.50	2022-10
ETSI TS 136331 V 16.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 16.10.0 Release 16)	33.070.50	2022-10
ETSI TS 136331 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136413 V 16.11.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.11.0 Release 16)	33.070.50	2022-10
ETSI TS 136413 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 136423 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.2.0 Release 17)	33.070.50	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136508 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 136509 V 16.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 16.3.0 Release 16)	33.070.50	2022-10
ETSI TS 136509 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 136521-1 V 17.4.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 17.4.0 Release 17)	33.070.50	2022-10
ETSI TS 136521-2 V 16.14.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 16.14.0 Release 16)	33.070.50	2022-10
ETSI TS 136521-2 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 17.0.0 Release 17)	33.070.50	2022-10
ETSI TS 136521-3 V 16.14.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 16.14.0 Release 16)	33.070.50	2022-10
ETSI TS 136523-1 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 136523-2 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 17.3.0 Release 17)	33.070.50	2022-10
ETSI TS 136579-1 V 15.7.0	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 15.7.0 Release 15)	33.070.99	2022-10
ETSI TS 136579-2 V 15.5.0	LTE – Mission Critical (MC) services over LTE – Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 15.5.0 Release 15)	33.070.99	2022-10
ETSI TS 136579-5 V 14.8.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 14.8.0 Release 14)	33.070.99	2022-10
ETSI TS 136579-5 V 15.0.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 15.0.0 Release 15)	33.070.99	2022-10
ETSI TS 136579-6 V 15.4.0	LTE – Mission Critical (MC) services over LTE – Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 15.4.0 Release 15)	33.070.99	2022-10
ETSI TR 136903 V 16.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 16.1.0 Release 16)	33.070.50	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 137104 V 15.18.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 15.18.0 Release 15)	33.070.50	2022-10
ETSI TS 137104 V 16.15.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 16.15.0 Release 16)	33.070.50	2022-10
ETSI TS 137104 V 17.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 137141 V 15.19.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 15.19.0 Release 15)	33.070.50	2022-10
ETSI TS 137141 V 16.15.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 16.15.0 Release 16)	33.070.50	2022-10
ETSI TS 137141 V 17.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 17.7.0 Release 17)	33.070.50	2022-10
ETSI TS 137340 V 16.11.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 16.11.0 Release 16)	33.070.99	2022-10
ETSI TS 137340 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 137355 V 17.2.0	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 137482 V 17.2.0	5G – E1 signalling transport (3GPP TS 37.482 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 137483 V 17.2.0	5G – E1 Application Protocol (E1AP) (3GPP TS 37.483 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 137571-1 V 16.14.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 16.14.0 Release 16)	33.070.50	2022-10
ETSI TS 137571-2 V 16.13.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 2: Protocol conformance (3GPP TS 37.571-2 version 16.13.0 Release 16)	33.070.50	2022-10
ETSI TS 137571-3 V 16.13.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 16.13.0 Release 16)	33.070.50	2022-10
ETSI TS 137571-4 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 16.7.0 Release 16)	33.070.50	2022-10
ETSI TS 137571-5 V 16.9.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 16.9.0 Release 16)	33.070.50	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 137901-5 V 16.9.0	5G – Study on 5G NR User Equipment (UE) application layer data throughput performance (3GPP TR 37.901-5 version 16.9.0 Release 16)	33.070.99	2022-10
ETSI TS 138101-1 V 15.19.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.19.0 Release 15)	33.070.99	2022-10
ETSI TS 138101-1 V 16.13.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138101-1 V 17.7.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 138101-2 V 15.19.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.19.0 Release 15)	33.070.99	2022-10
ETSI TS 138101-2 V 16.13.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138101-2 V 17.7.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 138101-3 V 16.13.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138101-3 V 17.7.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 138101-4 V 15.15.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 15.15.0 Release 15)	33.070.99	2022-10
ETSI TS 138101-4 V 16.10.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 16.10.0 Release 16)	33.070.99	2022-10
ETSI TS 138101-4 V 17.6.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 138101-5 V 17.1.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 5: Satellite access Radio Frequency (RF) and performance requirements (3GPP TS 38.101-5 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 138104 V 15.18.0	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 15.18.0 Release 15)	33.070.99	2022-10
ETSI TS 138104 V 16.13.0	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138104 V 17.7.0	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 138106 V 17.2.0	5G – NR repeater radio transmission and reception (3GPP TS 38.106 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138108 V 17.1.0	5G – NR – Satellite Access Node radio transmission and reception (3GPP TS 38.108 version 17.1.0 Release 17)	33.070.50	2022-10
ETSI TS 138113 V 15.17.0	5G – NR – Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 15.17.0 Release 15)	33.070.99	2022-10
ETSI TS 138113 V 16.7.0	5G – NR – Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 16.7.0 Release 16)	33.070.99	2022-10
ETSI TS 138113 V 17.2.0	5G – NR – Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 17.2.0 Release 17)	33.070.99	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138114 V 17.1.0	5G – NR – Repeaters ElectroMagnetic Compatibility (EMC) (3GPP TS 38.114 version 17.1.0 Release 17)	33.070.99	2022-10
ETSI TS 138124 V 17.2.0	5G – NR – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 38.124 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138133 V 17.7.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 138141-1 V 15.13.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.13.0 Release 15)	33.070.99	2022-10
ETSI TS 138141-1 V 16.13.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138141-1 V 17.7.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 138141-2 V 15.15.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.15.0 Release 15)	33.070.99	2022-10
ETSI TS 138141-2 V 16.13.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138141-2 V 17.7.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 138151 V 17.2.0	5G – NR – User Equipment (UE) Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) performance requirements (3GPP TS 38.151 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138161 V 17.0.0	5G – NR – User Equipment (UE) TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements – Range 1 Standalone and Range 1 Interworking operation with other radios (3GPP TS 38.161 version 17.0.0 Release 17)	33.070.50	2022-10
ETSI TS 138171 V 17.2.0	5G – NR – Requirements for support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 38.171 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138175 V 16.4.0	5G – NR – Integrated Access and Backhaul (IAB) Electromagnetic Compatibility (EMC) (3GPP TS 38.175 version 16.4.0 Release 16)	33.070.99	2022-10
ETSI TS 138175 V 17.1.0	5G – NR – Integrated Access and Backhaul (IAB) Electromagnetic Compatibility (EMC) (3GPP TS 38.175 version 17.1.0 Release 17)	33.070.99	2022-10
ETSI TS 138176-1 V 17.2.0	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138176-2 V 17.2.0	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138300 V 16.10.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 16.10.0 Release 16)	33.070.99	2022-10
ETSI TS 138300 V 17.2.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138304 V 17.2.0	5G – NR – User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138305 V 16.8.0	5G – NG Radio Access Network (NG-RAN) – Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 16.8.0 Release 16)	33.070.99	2022-10
ETSI TS 138305 V 17.2.0	5G – NG Radio Access Network (NG-RAN) – Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 17.2.0 Release 17)	33.070.99	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138306 V 15.18.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.18.0 Release 15)	33.070.99	2022-10
ETSI TS 138306 V 16.10.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.10.0 Release 16)	33.070.99	2022-10
ETSI TS 138306 V 17.2.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138307 V 17.7.0	5G – NR – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 17.7.0 Release 17)	33.070.99	2022-10
ETSI TS 138321 V 16.10.0	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.10.0 Release 16)	33.070.99	2022-10
ETSI TS 138321 V 17.2.0	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138323 V 17.2.0	5G – NR – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138331 V 15.19.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 15.19.0 Release 15)	33.070.99	2022-10
ETSI TS 138331 V 16.10.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 16.10.0 Release 16)	33.070.99	2022-10
ETSI TS 138331 V 17.2.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138340 V 17.2.0	5G – NR – Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138351 V 17.2.0	5G – NR – Sidelink Relay Adaptation Protocol (SRAP) Specification (3GPP TS 38.351 version 17.2.0 Release 17)	33.070.50	2022-10
ETSI TS 138401 V 16.10.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 16.10.0 Release 16)	33.070.99	2022-10
ETSI TS 138401 V 17.2.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138413 V 16.11.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.11.0 Release 16)	33.070.99	2022-10
ETSI TS 138413 V 17.2.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138420 V 17.2.0	5G – NG-RAN – Xn general aspects and principles (3GPP TS 38.420 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138423 V 15.16.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.16.0 Release 15)	33.070.99	2022-10
ETSI TS 138423 V 16.11.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.11.0 Release 16)	33.070.99	2022-10
ETSI TS 138423 V 17.2.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138425 V 17.1.0	5G – NG-RAN – NR user plane protocol (3GPP TS 38.425 version 17.1.0 Release 17)	33.070.99	2022-10
ETSI TS 138455 V 16.9.0	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 16.9.0 Release 16)	33.070.99	2022-10
ETSI TS 138455 V 17.2.0	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138463 V 15.11.0	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.11.0 Release 15)	33.070.99	2022-10
ETSI TS 138463 V 16.11.0	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.11.0 Release 16)	33.070.99	2022-10
ETSI TS 138470 V 17.2.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 17.2.0 Release 17)	33.070.99	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138472 V 17.1.0	5G – NG-RAN – F1 signalling transport (3GPP TS 38.472 version 17.1.0 Release 17)	33.070.99	2022-10
ETSI TS 138473 V 16.11.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.11.0 Release 16)	33.070.99	2022-10
ETSI TS 138473 V 17.2.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.2.0 Release 17)	33.070.99	2022-10
ETSI TS 138508-1 V 17.6.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Common test environment (3GPP TS 38.508-1 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 138508-2 V 17.6.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 2: Common Implementation Conformance Statement (ICS) proforma (3GPP TS 38.508-2 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 138509 V 16.5.0	LTE – 5G – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 16.5.0 Release 16)	33.070.99	2022-10
ETSI TS 138509 V 17.1.0	LTE – 5G – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 17.1.0 Release 17)	33.070.99	2022-10
ETSI TS 138521-1 V 17.6.1	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Range 1 standalone (3GPP TS 38.521-1 version 17.6.1 Release 17)	33.070.50	2022-10
ETSI TS 138521-2 V 16.13.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Range 2 standalone (3GPP TS 38.521-2 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138521-3 V 17.6.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.521-3 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 138521-4 V 16.13.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138521-4 V 17.0.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 17.0.0 Release 17)	33.070.99	2022-10
ETSI TS 138522 V 17.6.0	5G – NR – User Equipment (UE) conformance specification – Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 17.6.0 Release 17)	33.070.99	2022-10
ETSI TS 138523-1 V 16.13.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Protocol (3GPP TS 38.523-1 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138523-1 V 17.0.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Protocol (3GPP TS 38.523-1 version 17.0.0 Release 17)	33.070.99	2022-10
ETSI TS 138523-2 V 16.13.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TS 138523-2 V 17.0.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 17.0.0 Release 17)	33.070.99	2022-10
ETSI TS 138523-3 V 17.4.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 17.4.0 Release 17)	33.070.99	2022-10
ETSI TR 138903 V 16.13.0	5G – NR – Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 16.13.0 Release 16)	33.070.99	2022-10
ETSI TR 138905 V 17.6.0	5G – NR – Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 17.6.0 Release 17)	33.070.99	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI EG 203499 V 2.1.2	Human Factors (HF) – User-centred terminology for existing and upcoming ICT devices, services and applications – Device and service terminology	33.040.01	2022-10
ETSI GR ETI 006 V 1.1.1	Encrypted Traffic Integration (ETI) – Implementation of the EU Council Resolution on Encryption	35.030	2022-10
ETSI GR NFV-EVE 020 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Evolution and Ecosystem – Report on NFV support for Network Function Connectivity eXtensions	33.040.40; 35.110	2022-10
ETSI GR PDL 014 V 1.1.1	Permissioned Distributed Ledger (PDL) – Study on non-repudiation techniques	35.240.99	2022-10
ETSI GS PDL 013 V 1.1.1	Permissioned Distributed Ledger (PDL) – Supporting Distributed Data Management	35.240.99	2022-10
EN 300468 V 1.17.1	Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems	33.160.01; 33.170	2022-10
EN 301406-1 V 3.1.1	Digital Enhanced Cordless Telecommunications (DECT) – Harmonised Standard for access to radio spectrum – Part 1: DECT, DECT Evolution and DECT ULE	33.070.30	2022-10
EN 301489-54 V 1.1.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 54: Specific conditions for fixed ground based aeronautical and meteorological radars – Harmonised Standard for electromagnetic compatibility	33.100.10	2022-10
EN 303132 V 2.1.1	Maritime VHF survivor locating devices employing Digital Selective Calling (DSC Class M) – Harmonised Standard for access to radio spectrum and for features for emergency services	33.060.20; 47.020.70	2022-10
EN 303980 V 1.3.1	Satellite Earth Stations and Systems (SES) – Fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz frequency bands – Harmonised Standard for access to radio spectrum	33.060.30; 33.070.40	2022-10
EN 303981 V 1.3.1	Satellite Earth Stations and Systems (SES) – Fixed and in-motion Wide Band Earth Stations communicating with non-geostationary satellite systems (WBES) in the 11 GHz to 14 GHz frequency bands – Harmonised Standard for access to radio spectrum	33.060.30; 33.070.40	2022-10
ETSI TS 124229 V 17.8.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 17.8.0 Release 17)	33.070.50	2022-10
ETSI TS 131102 V 17.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 17.7.0 Release 17)	33.070.50	2022-10

## Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
IWA 37-1	Safety, security and sustainability of cannabis facilities and operations – Part 1: Requirements for the safety of cannabis buildings, equipment and oil extraction operations	13.100; 65.020.20	2022-10
IWA 37-2	Safety, security and sustainability of cannabis facilities and operations – Part 2: Requirements for the secure handling of cannabis and cannabis products	13.310; 65.020.20	2022-10
IWA 37-3	Safety, security and sustainability of cannabis facilities and operations – Part 3: Good production practices (GPP)	11.120.99; 65.020.20; 71.040.10	2022-10
ISO 128-2	Technical product documentation (TPD) – General principles of representation – Part 2: Basic conventions for lines	01.100.01	2022-10
ISO 187	Paper, board and pulps – Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples	85.040; 85.060	2022-10
ISO 2232	Round non-alloy steel wires for general purpose wire ropes, large diameter wire ropes and mine hoisting wire ropes -Specifications	77.140.65	2022-10
ISO 3739-1	Industrial tyres and rims – Part 1: Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims – Designation, dimensions and marking	83.160.99	2022-10
ISO/IEC TS 4213	Information technology – Artificial intelligence – Assessment of machine learning classification performance	35.020	2022-10
ISO 4530	Vitreous and porcelain enamelled manufactured articles – Determination of resistance to heat	25.220.50	2022-10
ISO/TR 4673	Gas cylinders – Service life performance of composite cylinders and tubes	23.020.35	2022-10
ISO 4827	Ships and marine technology – Escorting and pull-back system for tankers	47.020.50	2022-10
ISO 5167-3	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 3: Nozzles and Venturi nozzles	17.120.10	2022-10
ISO 5167-5	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 5: Cone meters	17.120.10	2022-10
ISO 5167-6	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 6: Wedge meters	17.120.10	2022-10
ISO 5231	Extended farm management information systems data interface (EFDI) – Concept and guidelines	35.240.68; 65.020.01	2022-10
ISO 5755	Sintered metal material – Specifications	77.160	2022-10
ISO 5842	Powder metallurgy – Hot isostatic pressing – Argon detection using gas chromatography and mass spectrometry techniques	77.160	2022-10
ISO 6769	Vitreous and porcelain enamels – Determination of surface scratch hardness according to the Mohs scale	25.220.50	2022-10
ISO 6834	Plain bearings – Thermo-hydrodynamic lubrication design charts for circular cylindrical bearings under steady-state conditions	21.100.10	2022-10
ISO 7176-25	Wheelchairs – Part 25: Lead-acid batteries and chargers for powered wheelchairs – Requirements and test methods	11.180.10	2022-10
ISO 7906	Leather – Tests for colour fastness – General principles of testing	59.140.30	2022-10
ISO 7963	Non-destructive testing – Ultrasonic testing – Specification for calibration block No. 2	25.160.40	2022-10
ISO 8100-33	Lifts for the transport of persons and goods – Part 33: T-type guide rails for lift cars and counterweights	91.140.90	2022-10
ISO 8130-16	Coating powders – Part 16: Determination of density by liquid displacement in a measuring cylinder	87.040	2022-10
ISO 8518	Workplace air – Determination of particulate lead and lead compounds – Flame and electrothermal atomic absorption spectrometric methods	13.040.30	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 8528-10	Reciprocating internal combustion engine driven alternating current generating sets – Part 10: Measurement of airborne noise	17.140.20; 27.020; 29.160.40	2022-10
ISO 8601-1 AMD 1	Date and time – Representations for information interchange – Part 1: Basic rules – Amendment 1: Technical corrections	01.140.30	2022-10
ISO/IEC/IEEE 8802-3 AMD 12	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 12: Maintenance 15: Power over Ethernet	35.110	2022-10
ISO/IEC/IEEE 8802-3 AMD 13	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 13: Physical layers and management parameters for 100 Gb/s operation over DWDM systems	35.110	2022-10
ISO/IEC/IEEE 8802-3 AMD 14	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 14: Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s optical access PHYs	35.110	2022-10
ISO/TR 9241-610	Ergonomics of human-system interaction – Part 610: Impact of light and lighting on users of interactive systems	13.100; 13.180; 91.160.10	2022-10
ISO 9867	Textiles – Evaluation of the wrinkle recovery of fabrics – Appearance method	59.080.30	2022-10
ISO 10121-3	Test methods for assessing the performance of gas-phase air cleaning media and devices for general ventilation – Part 3: Classification system for GPACDs applied to treatment of outdoor air	91.140.30	2022-10
ISO 10497	Testing of valves – Fire type-testing requirements	23.060.01	2022-10
ISO 10715	Natural gas – Gas sampling	75.060	2022-10
ISO/TR 10825-2	Gears – Wear and damage to gear teeth – Part 2: Supplementary information	01.040.21; 21.200	2022-10
ISO 11127-6	Preparation of steel substrates before application of paints and related products – Test methods for non-metallic blast-cleaning abrasives – Part 6: Determination of water-soluble contaminants by conductivity measurement	25.220.10	2022-10
ISO 11591 AMD 1	Small craft – Field of vision from the steering position; Amendment 1	47.080	2022-10
ISO 11644	Leather – Test for adhesion of finish	59.140.30	2022-10
ISO 12151-2	Connections for hydraulic fluid power and general use – Hose fittings – Part 2: Hose fittings with ISO 8434-1 24° cone connector ends with O-rings	23.040.70; 23.100.40	2022-10
ISO 12625-15	Tissue paper and tissue products – Part 15: Determination of optical properties – Measurement of brightness and colour with C/2° (indoor daylight) illuminant	85.080.20	2022-10
ISO 12625-18	Tissue paper and tissue products – Part 18: Determination of surface friction	85.080.20	2022-10
ISO 13004	Sterilization of health care products – Radiation – Substantiation of selected sterilization dose: Method VDmaxSD	11.080.01	2022-10
ISO 13008	Information and documentation – Digital records conversion and migration process	01.140.20	2022-10
ISO 13119	Health informatics – Clinical knowledge resources – Metadata	35.240.80	2022-10
ISO 13215-3	Road vehicles – Reduction of misuse risk of child restraint systems – Part 3: Prediction and assessment of misuse by Misuse Mode and Effect Analysis (MMEA)	43.040.80	2022-10
ISO 13704	Petroleum, petrochemical and natural gas industries – Calculation of heater-tube thickness in petroleum refineries	75.180.20	2022-10
ISO 13807	Vitreous and porcelain enamels – Determination of crack formation temperature in the thermal shock testing of enamels for the chemical industry	25.220.50	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
ISO 13810	Tourism and related services – Visits to industrial, natural, cultural and historical sites – Requirements and recommendations	03.080.30; 03.200.01	2022-10
ISO 14229-1 AMD 1	Road vehicles – Unified diagnostic services (UDS) – Part 1: Application layer; Amendment 1	43.180	2022-10
ISO 14284	Steel and iron – Sampling and preparation of samples for the determination of chemical composition	77.080.01	2022-10
ISO 14389	Textiles – Determination of the phthalate content – Tetrahydrofuran method	59.060.01	2022-10
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	2022-10
ISO 15388	Space systems – Contamination and cleanliness control	49.140	2022-10
ISO 15615	Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – Safety requirements in high-pressure devices	25.160.30	2022-10
ISO 15830-4	Road vehicles – Design and performance specifications for the WorldSID 50th percentile male side impact dummy – Part 4: User's manual	43.020	2022-10
ISO 15865	Space systems – Qualification assessment	49.140	2022-10
ISO 16840-3	Wheelchair seating – Part 3: Determination of static, impact, and repetitive load strengths for postural support devices	11.180.10	2022-10
ISO 16976-1	Respiratory protective devices – Human factors – Part 1: Metabolic rates and respiratory flow rates	13.340.30	2022-10
ISO 16976-3	Respiratory protective devices – Human factors – Part 3: Physiological responses and limitations of oxygen and limitations of carbon dioxide in the breathing environment	13.340.30	2022-10
ISO 18113-1	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 1: Terms, definitions, and general requirements	11.100.10	2022-10
ISO 18113-2	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 2: In vitro diagnostic reagents for professional use	11.100.10	2022-10
ISO 18113-3	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 3: In vitro diagnostic instruments for professional use	11.100.10	2022-10
ISO 18113-4	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 4: In vitro diagnostic reagents for self-testing	11.100.10	2022-10
ISO 18113-5	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 5: In vitro diagnostic instruments for self-testing	11.100.10	2022-10
ISO/IEC 18181-3	Information technology – JPEG XL Image Coding System – Part 3: Conformance testing	35.040.30	2022-10
ISO/IEC 19075-9	Information technology – Guidance for the use of database language SQL – Part 9: Online analytic processing (OLAP) capabilities (Guide/OLAP)	35.060	2022-10
ISO 19410-1	Footwear sizing – In-shoe measurement – Part 1: Shoe length	61.060	2022-10
ISO 19659-3	Railway applications – Heating, ventilation and air conditioning systems for rolling stock – Part 3: Energy efficiency	45.060.01	2022-10
ISO/IEC 19794-14	Information technology – Biometric data interchange formats – Part 14: DNA data	35.240.15	2022-10
ISO/IEC 19823-11	Information technology – Conformance test methods for security service crypto suites – Part 11: Crypto suite PRESENT-80	35.030	2022-10
ISO/TS 20224-8	Molecular biomarker analysis – Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR – Part 8: Turkey DNA detection method	67.050	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 20224-9	Molecular biomarker analysis – Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR – Part 9: Goose DNA detection method	67.050	2022-10
ISO/TS 20684-4	Intelligent transport systems – Roadside modules SNMP data interface – Part 4: Notifications	03.220.20; 35.240.60	2022-10
ISO/TS 20684-5	Intelligent transport systems – Roadside modules SNMP data interface – Part 5: Logs	03.220.20; 35.240.60	2022-10
ISO/TS 20684-7	Intelligent transport systems – Roadside modules SNMP data interface – Part 7: Support features	03.220.20; 35.240.60	2022-10
ISO 20766-6 AMD 1	Road vehicles – Liquefied petroleum gas (LPG) fuel systems components – Part 6: Pressure relief valves (PRV); Amendment 1	43.060.40	2022-10
ISO 20766-17	Road vehicles – Liquefied petroleum gas (LPG) fuel system components – Part 17: Gas dosage unit	43.060.40	2022-10
ISO 20816-3	Mechanical vibration – Measurement and evaluation of machine vibration – Part 3: Industrial machinery with a power rating above 15 kW and operating speeds between 120 r/min and 30 000 r/min	17.160	2022-10
ISO 20976-2	Microbiology of the food chain – Requirements and guidelines for conducting challenge tests of food and feed products – Part 2: Challenge tests to study inactivation potential and kinetic parameters	07.100.30	2022-10
ISO/IEC 21122-4	Information technology – JPEG XS low-latency lightweight image coding system – Part 4: Conformance testing	35.040.30	2022-10
ISO 21334	Titanium and titanium alloys – Strip for welded tubes – Technical delivery conditions	77.120.50	2022-10
ISO/TS 21719-2	Electronic fee collection – Personalization of on-board equipment (OBE) – Part 2: Using dedicated short-range communication	03.220.20; 35.240.60	2022-10
ISO 21801-2	Cognitive accessibility – Part 2: Reporting	11.180.01	2022-10
ISO 22029	Microbeam analysis – EMSA/MAS standard file format for spectral-data exchange	71.040.99	2022-10
ISO 22067-1	Graphic technology – Requirements for communication of environmental aspects of printed products – Part 1: General printing	37.100.01	2022-10
ISO 22361	Security and resilience – Crisis management – Guidelines	03.100.01	2022-10
ISO 22553-16	Paints and varnishes – Electro-deposition coatings – Part 16: Pigment-binder ratio	87.040	2022-10
ISO/IEC 22603-2	Information technology – Digital representation of product information – Part 2: Requirements for electronic devices with integral display	35.040.50	2022-10
ISO/IEC 23090-16	Information technology – Coded representation of immersive media – Part 16: Reference software for versatile video coding	35.040.40	2022-10
ISO/IEC 23092-3	Information technology – Genomic information representation – Part 3: Metadata and application programming interfaces (APIs)	35.040.99	2022-10
ISO 23316-1	Tractors and machinery for agriculture and forestry – Electrical high-power interface 700 V DC / 480 V AC – Part 1: General	65.060.10	2022-10
ISO 23524	Plastics – Determination of fracture toughness of films and thin sheets – Essential work of fracture (EWF) method	83.080.01	2022-10
ISO 23618	Bases for design of structures – General principles on seismically isolated structures	91.080.01; 91.120.25	2022-10
ISO/TS 23686	Service excellence – Measuring service excellence performance	03.080.01	2022-10
ISO 23711	Elastomeric seals – Requirements for materials for pipe joint seals used in water and drainage applications – Thermoplastic elastomers	83.140.50; 91.140.60; 91.140.80	2022-10
ISO 24161	Waste collection and transportation management – Vocabulary	01.040.13; 13.030.01	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 24411	Space systems – Micro-vibration testing	49.140	2022-10
ISO/IEC TR 24485	Information security, cybersecurity and privacy protection – Security techniques – Security properties and best practices for test and evaluation of white box cryptography	35.030	2022-10
ISO 24675-1	Railway Applications – Running time calculation for timetabling – Part 1: Requirements	03.220.30; 45.020	2022-10
ISO/IEC 24790 AMD 1	Information technology – Office equipment – Measurement of image quality attributes for hardcopy output – Monochrome text and graphic images; Amendment 1	37.100.10	2022-10
ISO 25197 AMD 1	Small craft – Electrical/electronic control systems for steering, shift and throttle; Amendment 1	47.080	2022-10
ISO/IEC 27001	Information security, cybersecurity and privacy protection – Information security management systems – Requirements	03.100.70; 35.030	2022-10
ISO/IEC 27005	Information security, cybersecurity and privacy protection – Guidance on managing information security risks	35.030	2022-10
ISO/IEC 27556	Information security, cybersecurity and privacy protection – User-centric privacy preferences management framework	35.030	2022-10
ISO 28765	Vitreous and porcelain enamels – Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges	25.220.50	2022-10
ISO/IEC 29120-1	Information technology – Machine-readable test data for biometric testing and reporting – Part 1: Test reports	35.240.15	2022-10
ISO 29466	Thermal insulating products for building applications – Determination of thickness	91.100.60	2022-10
ISO 29469	Thermal insulating products for building applications – Determination of compression behaviour	91.100.60	2022-10
ISO/TS 32002	Document management – Portable Document Format – Extensions to Digital Signatures in ISO 32000-2 (PDF 2.0)	35.240.30; 37.100.99	2022-10
ISO 32210	Sustainable finance – Guidance on the application of sustainability principles for organizations in the financial sector	01.040.03; 01.040.13; 03.060; 13.020.20	2022-10
ISO 34501	Road vehicles – Test scenarios for automated driving systems – Vocabulary	01.040.43; 43.020	2022-10
ISO/TS 37172	Smart community infrastructures – Data exchange and sharing for community infrastructures based on geographic information	13.020.20	2022-10
ISO/TS 42501	Sharing economy – General trustworthiness and safety requirements for digital platforms	03.080.01; 35.240.63	2022-10
ISO/TS 42502	Sharing economy – Guidance for provider verification on digital platforms	03.080.01; 35.240.63	2022-10
ISO/ASTM 52909	Additive manufacturing of metals – Finished part properties – Orientation and location dependence of mechanical properties for metal powder bed fusion	25.030	2022-10
ISO/DTR 7878	Intelligent transport systems – Mobility integration – Enterprise view	35.240.60	2022-10
ISO/DTR 11147	Health informatics – Personalized digital health – Digital therapeutics health software systems	35.240.80	2022-10

## Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/TR 63368	Control and protection systems for high-voltage direct current (HVDC) power transmission systems – Off-site real-time testing	31.080.20	2022-10
IEC/TR 63162	Electric components – Reliability – Reference failure rates at reference conditions	31.020	2022-10
IEC/TR 63475	Universal Archival Disk Format (UADF)	35.220.01	2022-10
IEC/TR 60068-3-12	Environmental testing – Part 3-12: Supporting documentation and guidance – Method to evaluate a possible lead-free solder reflow temperature profile	19.040; 25.160.50; 31.190	2022-10
IEC 60071-12	Insulation co-ordination – Part 12: Application guidelines for LCC HVDC converter stations	29.080.30	2022-10
IEC 60092-306	Electrical installations in ships – Part 306: Equipment – Luminaires and lighting accessories	47.020.60	2022-10
IEC 60320-3 AMD 2	Amendment 2 – Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges;	29.120.30	2022-10
IEC 60320-3 Edition 1.2	Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges	29.120.30	2022-10
IEC 60335-2-3	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons	13.120; 97.060	2022-10
IEC 60335-2-8	Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances	13.120; 97.170	2022-10
IEC 60335-2-16	Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers	13.120; 97.040.10; 97.040.50	2022-10
IEC 60335-2-17	Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances	13.120; 97.030; 97.040.50	2022-10
IEC 60335-2-21	Household and similar electrical appliances – Safety – Part 2-21: Particular requirements for storage water heaters	13.120; 91.140.65	2022-10
IEC 60335-2-54	Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam	13.120; 97.080; 97.180	2022-10
IEC 60335-2-85	Household and similar electrical appliances – Safety – Part 2-85: Particular requirements for fabric steamers	97.060	2022-10
IEC 60335-2-114	Household and similar electrical appliances – Safety – Part 2-114: Particular requirements for Personal-e-Transporters	43.120	2022-10
IEC 60364-5-57	Low voltage electrical installations – Part 5-57: Selection and erection of electrical equipment – Erection of stationary secondary batteries	91.140.50	2022-10
IEC 60364-8-82	Low-voltage electrical installations – Part 8-82: Functional aspects – Prosumer's low-voltage electrical installations	91.140.50	2022-10
IEC 60730-2-8 Edition 3.1 Corrigendum 1	Automatic electrical controls – Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements; Corrigendum 1	97.120	2022-10
IEC 60738-1	Thermistors – Directly heated positive temperature coefficient – Part 1: Generic specification	31.040.30	2022-10
IEC 60749-37	Semiconductor devices – Mechanical and climatic test methods – Part 37: Board level drop test method using an accelerometer	31.080.01	2022-10
IEC 60755-1	General safety requirements for residual current operated protective devices – Part 1: Residual current operated protective devices for DC systems	29.120.50	2022-10
IEC 60799 AMD 1	Electrical accessories – Cord sets and interconnection cord sets; Amendment 1	29.060.20; 29.120.30	2022-10
IEC 60799 Edition 3.1	Electrical accessories – Cord sets and interconnection cord sets	29.060.20; 29.120.30	2022-10



Oznaka norme	Naslov norme	ICS	Datum objave
IEC 60867	Insulating liquids – Specifications for unused liquids based on synthetic aromatic hydrocarbons	29.040.10	2022-10
IEC 61000-4-11 Corrigendum 2	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase; Corrigendum 2	33.100.20	2022-10
IEC 61196-1-326	Coaxial communication cables – Part 1-326: Mechanical test methods – Hanger test	33.120.10	2022-10
IEC 61543	Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility	29.020; 29.120.50; 33.100.01; 33.100.10	2022-10
IEC 61558-2-2	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-2: Particular requirements and tests for control transformers and power supply units incorporating control transformers	29.180	2022-10
IEC 61558-2-13	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-13: Particular requirements and tests for auto-transformers and power supply units incorporating auto-transformers for general applications	29.180	2022-10
IEC 61951-2 AMD 1	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 2: Nickel-metal hydride; Amendment 1	29.220.30	2022-10
IEC 61951-2 Edition 4.1	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 2: Nickel-metal hydride	29.220.30	2022-10
IEC 61975 AMD 2	High-voltage direct current (HVDC) installations – System tests; Amendment 2	29.130.10; 31.080.01; 31.080.20	2022-10
IEC 61975 Edition 1.2	High-voltage direct current (HVDC) installations – System tests	29.130.10; 31.080.01; 31.080.20	2022-10
IEC 62037-7	Passive rf and microwave devices, intermodulation level measurement – Part 7: Field measurements of passive intermodulation	33.120.01; 33.120.30	2022-10
IEC 62052-41	Electricity metering equipment – General requirements, tests and test conditions – Part 41: Energy registration methods and requirements for multi-energy and multi-rate meters	17.220.20; 91.140.50	2022-10
IEC 62196-2	Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories	29.120.30; 43.040.10; 43.120	2022-10
IEC 62196-3	Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers	29.120.30; 43.040.10; 43.120	2022-10
IEC/TS 62196-4	Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 4: Dimensional compatibility and interchangeability requirements for DC pin and contact-tube accessories for Class II or Class III applications	29.120.30; 43.040.10; 43.120	2022-10
IEC 62232	Determination of RF field strength, power density and SAR in the vicinity of base stations for the purpose of evaluating human exposure	13.280; 17.240	2022-10
IEC/TS 62257-100	Renewable energy off-grid systems – Part 100: Overview of the IEC 62257 series	27.160; 27.190	2022-10
IEC 62341-6-1	Organic light emitting diode (OLED) displays – Part 6-1: Measuring methods of optical and electro-optical parameters	31.120; 31.260	2022-10
IEC 62391-1	Fixed electric double-layer capacitors for use in electric and electronic equipment – Part 1: Generic specification	31.060.10; 31.060.99	2022-10
IEC 62471-6	Photobiological safety of lamps and lamp systems – Part 6: Ultraviolet lamp products	29.140.01; 31.260	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/TS 62607-6-20	Nanomanufacturing – Key control characteristics – Part 6-20: Graphene-based material – Metallic impurity content: Inductively coupled plasma mass spectrometry	7.120	2022-10
IEC 62680-4-1	Universal Serial Bus interfaces for data and power – Part 4-1: Universal Serial Bus 4<sup>(TM)</sup> Specification	29.200; 33.120.20; 35.200	2022-10
IEC 62714-2	Engineering data exchange format for use in industrial automation systems engineering – Automation markup language – Part 2: Semantics libraries	25.040.40; 35.060; 35.240.50	2022-10
IEC 62715-2	Flexible display devices – Part 2: Essential ratings and characteristics	31.120; 31.260	2022-10
IEC 62841-4-6	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums	25.140.20; 65.060.70	2022-10
IEC/TR 62899-550-1	Printed electronics – Part 550-1: Quality assessment – Framework document on durability testing – Mechanical and thermal testing	19.060; 31.020; 31.180	2022-10
IEC 62947	Electrically operated spray seats for household and similar use – Methods for measuring the performance – General test methods of spray seats	91.140.70; 97.180	2022-10
IEC 63119-2	Information exchange for electric vehicle charging roaming service – Part 2: Use cases	35.240.60; 43.040.15; 43.120	2022-10
IEC 63237-1	Household and similar electrical appliances – Product information properties – Part 1: Fundamentals	01.110; 29.100.01; 97.030	2022-10
IEC/TS 63350	Household electric appliances – Specification of the properties of a digital system for measuring the performance	17.180.20; 97.040.20	2022-10
IEC 63356-1	LED light source characteristics – Part 1: Data sheets	29.140.99	2022-10
IEC 63356-2	LED light source characteristics – Part 2: Design parameters and values	29.140.99	2022-10
IEC/TR 63357	Semiconductor devices – Standardization roadmap of fault test method for automotive vehicles	31.080.99; 31.200; 43.040.10	2022-10
IEC 63365	Industrial process measurement, control and automation – Digital nameplate	33.080; 35.040.50	2022-10
IEC/TR 63425	Connectivity for lighting systems	29.140.99; 91.160.01	2022-10
IEC/PAS 63441	Functional architecture of industrial internet system for industrial automation applications	35.240.50; 35.240.95	2022-10
IEC/PAS 63446	Conversion method of specific absorption rate to absorbed power density for the assessment of human exposure to radio frequency electromagnetic fields from wireless devices in close proximity to the head and body – Frequency range of 6 GHz to 10 GHz	17.220.20; 17.240; 33.070.01	2022-10
ISO/IEC TS 4213	Information technology – Artificial intelligence – Assessment of machine learning classification performance	35.020	2022-10
ISO/IEC/IEEE 8802-3 AMD 12	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 12: Maintenance 15: Power over Ethernet	35.110	2022-10
ISO/IEC/IEEE 8802-3 AMD 13	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 13: Physical layers and management parameters for 100 Gb/s operation over DWDM systems	35.110	2022-10
ISO/IEC/IEEE 8802-3 AMD 14	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 14: Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s optical access PHYs	35.110	2022-10
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	2022-10

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 18181-3	Information technology – JPEG XL Image Coding System – Part 3: Conformance testing	35.040.30	2022-10
ISO/IEC 19075-9	Information technology – Guidance for the use of database language SQL – Part 9: Online analytic processing (OLAP) capabilities (Guide/OLAP)	35.060	2022-10
ISO/IEC 19794-14	Information technology – Biometric data interchange formats – Part 14: DNA data	35.240.15	2022-10
ISO/IEC 19823-11	Information technology – Conformance test methods for security service crypto suites – Part 11: Crypto suite PRESENT-80	35.030	2022-10
ISO/IEC 21122-4	Information technology – JPEG XS low-latency lightweight image coding system – Part 4: Conformance testing	35.040.30	2022-10
ISO/IEC 22603-2	Information technology – Digital representation of product information – Part 2: Requirements for electronic devices with integral display	35.040.50	2022-10
ISO/IEC 23090-16	Information technology – Coded representation of immersive media – Part 16: Reference software for versatile video coding	35.040.40	2022-10
ISO/IEC 23092-3	Information technology – Genomic information representation – Part 3: Metadata and application programming interfaces (APIs)	35.040.99	2022-10
ISO/IEC TR 24485	Information security, cybersecurity and privacy protection – Security techniques – Security properties and best practices for test and evaluation of white box cryptography	35.030	2022-10
ISO/IEC 24790 AMD 1	Information technology – Office equipment – Measurement of image quality attributes for hardcopy output – Monochrome text and graphic images; Amendment 1	37.100.10	2022-10
ISO/IEC 27001	Information security, cybersecurity and privacy protection – Information security management systems – Requirements	03.100.70; 35.030	2022-10
ISO/IEC 27005	Information security, cybersecurity and privacy protection – Guidance on managing information security risks	35.030	2022-10
ISO/IEC 27556	Information security, cybersecurity and privacy protection – User-centric privacy preferences management framework	35.030	2022-10
ISO/IEC 29120-1	Information technology – Machine-readable test data for biometric testing and reporting – Part 1: Test reports	35.240.15	2022-10