

Hrvatski zavod za norme

Oglasnik za normativne dokumente

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova tri načina:

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

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

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 12416-1:2024 en pr
Stabilni protupožarni sustavi – Sustavi za gašenje prahom – 1. dio: Zahtjevi i metode ispitivanja za dijelove (EN 12416-1:2024)
Fixed firefighting systems – Powder systems – Part 1: Requirements and test methods for components (EN 12416-1:2024)

HRN EN 14972-12:2024 en pr
Stabilni protupožarni sustavi – Sustavi vodene magle – 12. dio: Protokol ispitivanja za sustave otvorenih mlaznica za komercijalne friteze (EN 14972-12:2024)
Fixed firefighting systems – Water mist systems – Part 12: Test protocol for commercial deep fat cooking fryers for open nozzle systems (EN 14972-12:2024)

HRN EN 15004-11:2024 en pr
Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 11. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom Halocarbon Blend 55 (ISO 14520-17:2022, MOD; EN 15004-11:2024)
Fixed firefighting systems – Gas extinguishing systems – Part 11: Physical properties and systems design of gas extinguishing systems for Halocarbon Blend 55 extinguishant (ISO 14520-17:2022, MOD; EN 15004-11:2024)

HZN/TO 25, *Ljevarstvo*

HRN EN 16482:2024 en pr
Ljevarstvo – Kontinuirano lijevano šipke iz željeznoga lijeva (EN 16482:2024)
Founding – Continuous cast iron bars (EN 16482:2024)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN 18015:2024 en pr
Goriva za motorna vozila – Određivanje tipova ugljikovodičnih skupina i odabranih spojeva ugljikovodika i oksigenata – Plinska kromatografija uz vakuumsku ultraljubičastu apsorpcijsku spektroskopiju (GC-VUV metoda) (EN 18015:2024)
Automotive fuels – Determination of hydrocarbon group types and select hydrocarbon and oxygenate compounds – Gas chromatography with vacuum ultraviolet absorption spectroscopy (GC-VUV) method (EN 18015:2024)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 7301:2022/A1:2024 en pr
Riža – Specifikacija (ISO 7301:2021/Amd 1:2024; EN ISO 7301:2022/A1:2024)
Rice – Specification (ISO 7301:2021/Amd 1:2024; EN ISO 7301:2022/A1:2024)

HRN EN ISO 18363-3:2024 en pr
Životinjske i biljne masti i ulja – Određivanje kloropropanediola (MCPD) i glicidola vezanih na masne kiseline pomoću GC/MS-a – 3. dio: Metoda na temelju transesterifikacije kiselinama i mjerenja 2-MCPD, 3-MCPD i glicidola (ISO 18363-3:2024; EN ISO 18363-3:2024)
Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 3: Method using acid transesterification and measurement for 2-MCPD, 3-MCPD and glycidol (ISO 18363-3:2024; EN ISO 18363-3:2024)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 13585:2024 en pr
Tvrdo lemljenje – Provjera osposobljenosti lemitelja i rukovatelja lemljenjem (ISO 13585:2021; EN ISO 13585:2024)
Brazing – Qualification testing of brazers and brazing operators (ISO 13585:2021; EN ISO 13585:2024)

HRN EN 15520:2024 en pr
Toplinsko naštrecavanje – Preporuke za konstrukcijsko oblikovanje sastavnica s toplinski naštrecanim prevlakama (EN 15520:2024)
Thermal spraying – Recommendations for constructional design of components with thermally sprayed coatings (EN 15520:2024)

HRN EN 18007-1:2024 en pr
Elektromagnetsko pulsno zavarivanje – 1. dio: Poznavanje zavarivanja, nazivlje i rječnik (EN 18007-1:2024)
Electromagnetic pulse welding – Part 1: Welding knowledge, terminology and vocabulary (EN 18007-1:2024)

HRN EN 18007-2:2024 en pr
Elektromagnetsko pulsno zavarivanje – 2. dio: Projektiranje zavarenih spojeva (EN 18007-2:2024)
Electromagnetic pulse welding – Part 2: Design of welded joints (EN 18007-2:2024)

HRN EN 18007-3:2024 en pr
Elektromagnetsko pulsno zavarivanje – 3. dio: Osposobljenost rukovatelja uređajima za zavarivanje i podešavatelja uređaja za zavarivanje (EN 18007-3:2024)
Electromagnetic pulse welding – Part 3: Qualification of welding operators and weld setters (EN 18007-3:2024)

HRN EN 18007-4:2024 en pr
Elektromagnetsko pulsno zavarivanje – 4. dio: Specifikacija i kvalifikacija postupaka zavarivanja (EN 18007-4:2024)
Electromagnetic pulse welding – Part 4: Specification and qualification of welding procedures (EN 18007-4:2024)

HRN EN 18007-5:2024 en pr
Elektromagnetsko pulsno zavarivanje – 5. dio: Zahtjevi za kvalitetu i pregled (EN 18007-5:2024)
Electromagnetic pulse welding – Part 5: Quality and inspection requirements (EN 18007-5:2024)

HRN EN ISO 18276:2024 en pr
Dodatni i potrošni materijali za zavarivanje – Žice punjene praškom za elektrolučno zavarivanje sa zaštitnim plinom i bez zaštitnog plina za čelike povišene čvrstoće – Razredba (ISO 18276:2024; EN ISO 18276:2024)
Welding consumables – Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels – Classification (ISO 18276:2024; EN ISO 18276:2024)

HZN/TO 69, *Primjena statističkih metoda*

HRN ISO 5725-3:2024 en pr
Točnost (istinitost i preciznost) mjernih metoda i rezultata – 3. dio: Međupreciznost i alternativni modeli za suradničke studije (ISO 5725-3:2023)
Accuracy (trueness and precision) of measurement methods and results – Part 3: Intermediate precision and alternative designs for collaborative studies (ISO 5725-3:2023)

HRN ISO 7870-2:2024 en pr
Kontrolni dijagrami – 2. dio: Kontrolni dijagrami prema Shewhartu (ISO 7870-2:2023)
Control charts – Part 2: Shewhart control charts (ISO 7870-2:2023)

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

HRN EN 17893:2024 en pr
Cestovna vozila s regulacijom temperature za prijevoz robe – Rashladni sustavi s regulacijom temperature za prijevoz robe u kojima se upotrebljavaju zapaljive radne tvari – Zahtjevi i postupci analize rizika (EN 17893:2024)
Thermal road vehicles – Temperature-controlled systems using flammable refrigerants for transport of goods – Requirements and risk analysis process (EN 17893:2024)

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 5362:2024 en pr
Anestetička i respiracijska oprema – Vrećice spremnika za anesteziju (ISO 5362:2024; EN ISO 5362:2024)
Anaesthetic and respiratory equipment – Anaesthetic reservoir bags (ISO 5362:2024; EN ISO 5362:2024)

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 17836:2024 en pr
Gnojiva – Opis fizikalne jedinice (EN 17836:2024)
Fertilizers – Description of the physical unit (EN 17836:2024)

HZN/TO 135, Nerazorna ispitivanja

HRN EN ISO 16946:2024 en pr
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Specifikacija za stepeničasti radni etalon (ISO 16946:2024; EN ISO 16946:2024)
Non-destructive testing – Ultrasonic testing – Specification for a step wedge standard block (ISO 16946:2024; EN ISO 16946:2024)

HRN EN ISO 18081:2024 en pr
Nerazorno ispitivanje – Ispitivanje akustičkom emisijom (AT) – Ispitivanje propusnosti akustičkom emisijom (ISO 18081:2024; EN ISO 18081:2024)
Non-destructive testing – Acoustic emission testing (AT) – Leak detection by means of acoustic emission (ISO 18081:2024; EN ISO 18081:2024)

HZN/TO 136, Namještaj

HRN EN 15187:2024 en pr
Namještaj – Određivanje postojanosti površina na svjetlost (EN 15187:2024)
Furniture – Assessment of the effect of light exposure (EN 15187:2024)

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

HRS CEN/TS 17152-4:2024 en pr
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i akumulaciju površinske vode – Spremnici za sustave ispuštanja, privremene i trajne akumulacije – 4. dio: Upute za statički proračun modularnih sustava (CEN/TS 17152-4:2024)
Plastics piping systems for non-pressure underground conveyance and storage of surface water – Boxes used for infiltration, attenuation and storage systems – Part 4: Guidance for structural design of modular systems (CEN/TS 17152-4:2024)

HZN/TO 147, Kvaliteta vode

HRN EN ISO 10253:2024 en pr
Kvaliteta vode – Ispitivanje inhibicije rasta morskih algi *Skeletonema sp.* i *Pheaeodactylum tricornutum* (ISO 10253:2024; EN ISO 10253:2024)
Water quality – Marine algal growth inhibition test with *Skeletonema sp.* and *Pheaeodactylum tricornutum* (ISO 10253:2024; EN ISO 10253:2024)

HRN EN 17899:2024 en pr
Kvaliteta vode – Spektrofotometrijsko određivanje sadržaja klorofila a ekstrakcijom pomoću etanola u svrhu redovitog praćenja kvalitete vode (EN 17899:2024)
Water quality – Spectrophotometric determination of chlorophyll-a content by ethanol extraction for the routine monitoring of water quality (EN 17899:2024)

HZN/TO 159, Ergonomija

HRN EN ISO 10075-2:2024 en pr
Ergonomska načela vezana uz mentalno opterećenje na radu – 2. dio: Načela dizajniranja (ISO 10075-2:2024; EN ISO 10075-2:2024)
Ergonomic principles related to mental workload – Part 2: Design principles (ISO 10075-2:2024; EN ISO 10075-2:2024)

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

HRN EN 81-44:2024 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna dizala za transport osoba i tereta – 44. dio: Uređaji za podizanje u vjetroagregatima (EN 81-44:2024)
Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 44: Lifting appliances in wind turbines (EN 81-44:2024)

HRN EN 12159:2024 en pr
Građevna dizala za prijevoz osoba i materijala s okomito vođenom voznom košarom (EN 12159:2024)
Builders hoists for persons and materials with vertically guided cages (EN 12159:2024)

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19152-3:2024 en pr
Geoinformacije – Model područja upravljanja zemljištem (LADM) – 3. dio: Georegulacija mora (ISO 19152-3:2024; EN ISO 19152-3:2024)
Geographic information – Land Administration Domain Model (LADM) – Part 3: Marine georegulation (ISO 19152-3:2024; EN ISO 19152-3:2024)

HZN/TO 228, Usluge u turizmu

HRN EN ISO 24804:2022/A11:2024 en pr
Usluge rekreativnog ronjenja – Zahtjevi za obuku ronjenja s aparatima zatvorenog kruga (rebreather) – Ronjenje bez dekompresije (EN ISO 24804:2022/A11:2024)
Recreational diving services – Requirements for rebreather diver training – No-decompression diving (EN ISO 24804:2022/A11:2024)

HRN EN ISO 24805:2022/A11:2024 en pr
Usluge rekreativnog ronjenja – Zahtjevi za obuku ronjenja s aparatima zatvorenog kruga (rebreather) – Ronjenje s dekompresijom na 45 m (EN ISO 24805:2022/A11:2024)
Recreational diving services – Requirements for rebreather diver training – Decompression diving to 45 m (EN ISO 24805:2022/A11:2024)

HZN/TO 502, Plinski uređaji

HRN EN 15502-2-2:2024 en pr
Plinski kotlovi za centralno grijanje – Dio 2-2: Posebna norma za tip B1 uređaja (EN 15502-2-2:2024)
Gas-fired central heating boilers – Part 2-2: Specific standard for type B1 appliances (EN 15502-2-2:2024)

HZN/TO 503, Metalni materijali

HRN EN 10248-2:2024 en pr
Toplo valjano žmurje od čelika – 2. dio: Dopuštena odstupanja mjera i oblika (EN 10248-2:2024)
Hot rolled steel sheet piles – Part 2: Tolerances on dimensions and shape (EN 10248-2:2024)

HRN EN 10249-2:2024 en pr
Hladno oblikovano žmurje od čelika – 2. dio: Dopuštena odstupanja mjera i oblika (EN 10249-2:2024)
Cold formed steel sheet piles – Part 2: Tolerances on dimensions and shape (EN 10249-2:2024)

HRN EN ISO 10714:2024 en pr
Čelik i željezo – Određivanje sadržaja fosfora – Fosfovanadijmolibdatna spektrofotometrijska metoda (ISO 10714:2024; EN ISO 10714:2024)
Steel and iron – Determination of phosphorus content – Phosphovanadomolybdate spectrophotometric method (ISO 10714:2024; EN ISO 10714:2024)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 9717:2024 en pr
Metalne i druge anorganske prevlake – Fosfatne konverzijske prevlake na metalima (ISO 9717:2024; EN ISO 9717:2024)
Metallic and other inorganic coatings – Phosphate conversion coating of metals (ISO 9717:2024; EN ISO 9717:2024)

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 17328:2024 en pr
Dodatna pravila za razvrstavanje građevnih proizvoda na osnovi gipsa (EN 17328:2024)
Complementary product category rules for gypsum-based construction products (EN 17328:2024)

HZN/TO 524, Inteligentni transportni sustavi

HRN EN 16986:2024 en pr
Elektronička naplata – Interoperabilni aplikacijski profili za razmjenu podataka između pružanja usluge i naplate cestarine (EN 16986:2024)
Electronic fee collection – Interoperable application profiles for information exchange between Service Provision and Toll Charging (EN 16986:2024)

HRS CEN ISO/TS 19321:2024 en pr
Inteligentni transportni sustavi – Kooperativni ITS – Rječnik podatkovnih struktura informacija u vozilu (IVI) (ISO/TS 19321:2024; CEN ISO/TS 19321:2024)
Intelligent transport systems – Cooperative ITS Dictionary of in-vehicle information (IVI) data structures (ISO/TS 19321:2024; CEN ISO/TS 19321:2024)

HZN/TO 528, Oprema za željeznice

HRN EN 15877-1:2024 en pr
Željeznički sustav – Oznake na željezničkim vozilima – 1. dio: Teretni vagoni (EN 15877-1:2024)
Railway applications – Markings of railway vehicles – Part 1: Freight wagons (EN 15877-1:2024)

HRN EN 16186-8:2024 en pr
Željeznički sustav – Upravljačnica – 8. dio: Raspored i dostupnost tramvajske upravljačnice (EN 16186-8:2022+A1:2024)
Railway applications – Driver's cab – Part 8: Tram vehicle layout and access (EN 16186-8:2022+A1:2024)

HZN/TO 529, Dizalice i prenosila neprekidne dobave

HRN EN 12077-2:2024 en pr
Sigurnost dizalica – Zahtjevi za zdravlje i sigurnost – 2. dio: Graničnici i pokazni uređaji (EN 12077-2:2024)
Cranes safety – Requirements for health and safety – Part 2: Limiting and indicating devices (EN 12077-2:2024)

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

HRN EN ISO 29461-3:2024 en pr
Sustavi za filtriranje usisnog zraka za rotacijske strojeve – Metode ispitivanja – 3. dio: Mehanička cjelovitost filteraskih elemenata (ISO 29461-3:2024; EN ISO 29461-3:2024)
Air filter intake systems for rotary machinery – Test methods – Part 3: Mechanical integrity of filter elements (ISO 29461-3:2024; EN ISO 29461-3:2024)

HRN EN ISO 29464:2024 en pr
Pročišćavanje zraka i drugih plinova – Terminološki rječnik (ISO 29464:2024; EN ISO 29464:2024)
Cleaning of air and other gases – Vocabulary (ISO 29464:2024; EN ISO 29464:2024)

HZN/TO 557, Zaštitna odjeća

HRN EN ISO 21420:2020/A1:2024 en pr
Zaštitne rukavice – Opći zahtjevi i metode ispitivanja (ISO 21420:2020/Amd 1:2022; EN ISO 21420:2020/A1:2024)
Protective gloves – General requirements and test methods (ISO 21420:2020/Amd 1:2022; EN ISO 21420:2020/A1:2024)

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

HRN ISO 23854:2024 en pr
Fermentirani mesni proizvodi – Specifikacija (ISO 23854:2021)
Fermented meat products – Specification (ISO 23854:2021)

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

HRN EN ISO 6887-1:2017/A1:2024 en pr
Mikrobiologija u lancu hrane – Priprema ispitnih uzoraka, osnovnog i ostalih decimalnih razrjeđenja za mikrobiološko ispitivanje – 1. dio: Opća pravila za pripremu osnovnog i ostalih decimalnih razrjeđenja – Amandman 1: Zahtjevi i smjernice za korištenje veće količine ispitnog dijela uzorka za kvalitativne metode (ISO 6887-1:2017/Amd 1:2024; EN ISO 6887-1:2017/A1:2024)
Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination – Part 1: General rules for the preparation of the initial suspension and decimal dilutions – Amendment 1: Requirements and guidance on the use of larger test portion size for qualitative methods (ISO 6887-1:2017/Amd 1:2024; EN ISO 6887-1:2017/A1:2024)

HRN EN 17881:2024 en pr
Izvornost hrane – Barkodiranje DNK školjkaša i proizvoda od školjkaša pomoću segmenta gena mitohondrijskog 16S rRNK (EN 17881:2024)
Food authenticity – DNA barcoding of bivalves and products derived from bivalves using a defined mitochondrial 16S rRNA gene segment (EN 17881:2024)

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

HRN EN 915:2024 en pr
Gimnastička oprema – Dvovisinske ruče – Zahtjevi i metode ispitivanja uključujući sigurnost (EN 915:2024)
Gymnastic equipment – Asymmetric bars – Requirements and test methods including safety (EN 915:2024)

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50463-1:2017/A1:2024 en pr
Željeznički sustav – Mjerenje energije na vozilima – 1. dio: Općenito (EN 50463-1:2017/A1:2024)
Railway applications – Energy measurement on board trains – Part 1: General (EN 50463-1:2017/A1:2024)

HRN EN 50463-2:2017/A1:2024 en pr
Željeznički sustav – Mjerenje energije na vozilima – 2. dio: Mjerenje energije (EN 50463-2:2017/A1:2024)
Railway applications – Energy measurement on board trains – Part 2: Energy measuring (EN 50463-2:2017/A1:2024)

HRN EN 50463-3:2017/A1:2024 en pr
Željeznički sustav – Mjerenje energije na vozilima – 3. dio: Postupanje s podacima (EN 50463-3:2017/A1:2024)
Railway applications – Energy measurement on board trains – Part 3: Data handling (EN 50463-3:2017/A1:2024)

HZN/TO E22, Energetska elektronika

HRN EN 50171:2022/Ispr.1:2024 en pr
Centralni sigurnosni sustavi napajanja (EN 50171:2021/AC:2024)
Central safety power supply systems (EN 50171:2021/AC:2024)

HZN/TO E23, Električni instalacijski pribor

HRN EN 60898-1:2019/A11:2024 en pr
Električni pribor – Instalacijski prekidači za nadstrujnu zaštitu za kućanstvo i slične instalacije – 1. dio: Instalacijski prekidači za rad s izmjeničnom strujom (EN 60898-1:2019/A11:2024)
Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations – Part 1: Circuit-breakers for a.c. operation (EN 60898-1:2019/A11:2024)

HRN EN 60898-1:2019/A1:2024 en pr
Električni pribor – Instalacijski prekidači za nadstrujnu zaštitu za kućanstvo i slične instalacije – 1. dio: Instalacijski prekidači za rad s izmjeničnom strujom (IEC 60898-1:2015/am1:2019; EN 60898-1:2019/A1:2024)
Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations – Part 1: Circuit-breakers for a.c. operation (IEC 60898-1:2015/am1:2019; EN 60898-1:2019/A1:2024)

HRN EN IEC 62196-6:2024 en pr
Utikači, utičnice i spojnice za vozila – Kontaktno punjenje električnih vozila – 6. dio: Zahtjevi za usklađenost dimenzija spojnica za vozila sa šiljcima i kontaktnim cjevčicama za istosmjernu struju namijenjenih za uporabu za istosmjernu opremu za napajanje električnih vozila gdje se zaštita oslanja na električno odvajanje (IEC 62196-6:2022; EN IEC 62196-6:2022)
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 6: Dimensional compatibility requirements for DC pin and contact-tube vehicle couplers intended to be used for DC EV supply equipment where protection relies on electrical separation (IEC 62196-6:2022; EN IEC 62196-6:2022)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 50172:2024 en pr
Sustavi rasvjete za slučaj opasnosti (EN 50172:2024)
Emergency escape lighting systems (EN 50172:2024)

HZN/TO E55, Žice za namote

HRN EN 60317-0-9:2015/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 0-9: Opći zahtjevi – Profilna aluminijska lakirana žica (IEC 60317-0-9:2015/am1:2024; EN 60317-0-9:2015/A1:2024)
Specifications for particular types of winding wires – Part 0-9: General requirements – Enamelled rectangular aluminium wire (IEC 60317-0-9:2015/am1:2024; EN 60317-0-9:2015/A1:2024)

HRN EN 60317-15:2005/A2:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 15. dio: Okrugla aluminijska žica lakirana poliestermidom, razreda 180 (IEC 60317-15:2004/am2:2024; EN 60317-15:2004/A2:2024)
Specifications for particular types of winding wires – Part 15: Polyesterimide enamelled round aluminium wire, class 180 (IEC 60317-15:2004/am2:2024; EN 60317-15:2004/A2:2024)

HRN EN IEC 60317-27-2:2020/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 27-2: Okrugla aluminijska žica prekrivena papirnom trakom (IEC 60317-27-2:2020/am1:2024; EN IEC 60317-27-2:2020/A1:2024)
Specifications for particular types of winding wires – Part 27-2: Paper tape covered round aluminium wire (IEC 60317-27-2:2020/am1:2024; EN IEC 60317-27-2:2020/A1:2024)

HRN EN IEC 60317-27-3:2020/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 27-3: Profilna bakrena žica prekrivena papirnom trakom (IEC 60317-27-3:2019/am1:2024; EN IEC 60317-27-3:2019/A1:2024)
Specifications for particular types of winding wires – Part 27-3: Paper tape covered rectangular copper wire (IEC 60317-27-3:2019/am1:2024; EN IEC 60317-27-3:2019/A1:2024)

HRN EN IEC 60317-27-4:2020/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 27-4: Profilna aluminijska žica prekrivena papirnom trakom (IEC 60317-27-4:2020/am1:2024; EN IEC 60317-27-4:2020/A1:2024)
Specifications for particular types of winding wires – Part 27-4: Paper tape covered rectangular aluminium wire (IEC 60317-27-4:2020/am1:2024; EN IEC 60317-27-4:2020/A1:2024)

HRN EN 60317-35:2014/A2:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 35. dio: Lemljiva okrugla bakrena žica lakirana poliuretanom, razreda 155, s vezivnim slojem (IEC 60317-35:2013/am2:2024; EN 60317-35:2014/A2:2024)
Specifications for particular types of winding wires – Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer (IEC 60317-35:2013/am2:2024; EN 60317-35:2014/A2:2024)

HRN EN 60317-36:2014/A2:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 36. dio: Lemljiva okrugla bakrena žica lakirana poliestermidom, razreda 180, s vezivnim slojem (IEC 60317-36:2013/am2:2024; EN 60317-36:2014/A2:2024)
Specifications for particular types of winding wires – Part 36: Solderable polyesterimide enamelled round copper wire, class 180, with a bonding layer (IEC 60317-36:2013/am2:2024; EN 60317-36:2014/A2:2024)

HRN EN 60317-37:2014/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 37. dio: Okrugla bakrena žica lakirana poliestermidom, razreda 180, s vezivnim slojem (IEC 60317-37:2013/am1:2024; EN 60317-37:2014/A1:2024)
Specifications for particular types of winding wires – Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer (IEC 60317-37:2013/am1:2024; EN 60317-37:2014/A1:2024)

HRN EN 60317-38:2014/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 38. dio: Poliester ili poliestermidom lakirana okrugla bakrena žica, prekrivena poliamid-imidom, razreda 200, s vezivnim slojem (IEC 60317-38:2013/am1:2024; EN 60317-38:2014/A1:2024)
Specifications for particular types of winding wires – Part 38: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 200, with a bonding layer (IEC 60317-38:2013/am1:2024; EN 60317-38:2014/A1:2024)

HRN EN 60317-46:2014/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 46. dio: Okrugla bakrena žica lakirana aromatskim poliimidom, razreda 240 (IEC 60317-46:2013/am1:2024; EN 60317-46:2014/A1:2024)
Specifications for particular types of winding wires – Part 46: Aromatic polyimide enamelled round copper wire, class 240 (IEC 60317-46:2013/am1:2024; EN 60317-46:2014/A1:2024)

HRN EN 60317-47:2014/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 47. dio: Profilna bakrena žica lakirana aromatskim poliimidom, razreda 240 (IEC 60317-47:2013/am1:2024; EN 60317-47:2014/A1:2024)
Specifications for particular types of winding wires – Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240 (IEC 60317-47:2013/am1:2024; EN 60317-47:2014/A1:2024)

HRN EN 60317-68:2017/A2:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 68. dio: Profilna aluminijska žica lakirana polivinil acetalom, razreda 120 (IEC 60317-68:2017/am2:2024; EN 60317-68:2017/A2:2024)
Specifications for particular types of winding wires – Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120 (IEC 60317-68:2017/am2:2024; EN 60317-68:2017/A2:2024)

HRN EN 60317-69:2017/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 69. dio: Poliesterom ili poliestermidom lakirana profilna aluminijska žica, prekrivena poliamid-imidom, razreda 220 (IEC 60317-69:2017/am1:2024; EN 60317-69:2017/A1:2024)
Specifications for particular types of winding wires – Part 69: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 220 (IEC 60317-69:2017/am1:2024; EN 60317-69:2017/A1:2024)

HRN EN IEC 60317-73:2020/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 73. dio: Poliesterom ili poliestermidom lakirana profilna aluminijska žica, prekrivena poliamid-imidom, razreda 200 (IEC 60317-73:2018/am1:2024; EN IEC 60317-73:2018/A1:2024)
Specifications for particular types of winding wires – Part 73: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200 (IEC 60317-73:2018/am1:2024; EN IEC 60317-73:2018/A1:2024)

HRN EN IEC 60317-74:2020/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 74. dio: Profilna aluminijska žica lakirana poliestermidom, razreda 180 (IEC 60317-74:2018/am1:2024; EN IEC 60317-74:2018/A1:2024)
Specifications for particular types of winding wires – Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180 (IEC 60317-74:2018/am1:2024; EN IEC 60317-74:2018/A1:2024)

HRN EN IEC 60317-82:2020/A1:2024 en pr
Specifikacije pojedinih vrsta žica za namote – 82. dio:
Profilna bakrena žica lakirana poliesterimidom, razreda 200
(IEC 60317-82:2020/am1:2024; EN IEC 60317-82:2020/A1:2024)
Specifications for particular types of winding wires – Part 82:
Polyesterimide enamelled rectangular copper wire, class 200
(IEC 60317-82:2020/am1:2024; EN IEC 60317-82:2020/A1:2024)

HZN/TO E56, Pouzdanost

HRN EN IEC 60300-1:2024 en pr
Upravljanje pouzdanošću – 1. dio: Upute za upravljanje
pouzdanošću (IEC 60300-1:2024; EN IEC 60300-1:2024)
Dependability management – Part 1: Managing dependability
(IEC 60300-1:2024; EN IEC 60300-1:2024)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-29:2021/A11:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-29: Posebni
zahtjevi za punjače baterija (EN 60335-2-29:2021/A11:2024)
Household and similar electrical appliances – Safety
– Part 2-29: Particular requirements for battery chargers
(EN 60335-2-29:2021/A11:2024)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 319 102-1 V1.4.1:2024 en pr
Elektronički potpisi i infrastruktura povjerenja (ESI) – Postupci
za stvaranje i vrednovanje naprednih elektroničkih potpisa (AdES)
– 1. dio: Stvaranje i vrednovanje (EN 319 102-1 V1.4.1:2024)
Electronic Signatures and Trust Infrastructures (ESI) – Procedures
for Creation and Validation of AdES Digital Signatures – Part 1:
Creation and Validation (EN 319 102-1 V1.4.1:2024)

HRN EN 319 132-1 V1.3.1:2024 en pr
Elektronički potpisi i infrastruktura povjerenja (ESI) – XAdES
digitalni potpisi – 1. dio: Gradbeni blokovi i XAdES osnovni
potpisi (EN 319 132-1 V1.3.1:2024)
Electronic Signatures and Trust Infrastructures (ESI) – XAdES
digital signatures – Part 1: Building blocks and XAdES
baseline signatures (EN 319 132-1 V1.3.1:2024)

HRN EN 319 401 V3.1.1:2024 en pr
Elektronički potpisi i infrastruktura povjerenja (ESI) – Zahtjevi općih
pravila za pružatelje usluga povjerenja (EN 319 401 V3.1.1:2024)
Electronic Signatures and Trust Infrastructures (ESI)
– General Policy Requirements for Trust Service Providers
(EN 319 401 V3.1.1:2024)

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRN EN ISO 20387:2020/A11:2024 en pr
Biotehnologija – Biobankarstvo – Opći zahtjevi za
biobankarstvo (EN ISO 20387:2020/A11:2024)
Biotechnology – Biobanking – General requirements for
biobanking (EN ISO 20387:2020/A11:2024)

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

HRN EN ISO 24342:2024 en pr
Elastične i tekstilne podne obloge – Određivanje duljine strana,
ravnoće rubova i pravokutnosti ploča (ISO 24342:2024;
EN ISO 24342:2024)
Resilient and textile floor-covering – Determination of side
length, edge straightness and squareness of tiles and planks
(ISO 24342:2024; EN ISO 24342:2024)

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

HRN EN ISO 1514:2024 en pr
Boje i lakovi – Standardne pločice za ispitivanje (ISO 1514:2024;
EN ISO 1514:2024)
Paints and varnishes – Standard panels for testing
(ISO 1514:2024; EN ISO 1514:2024)

HRN EN ISO 2884-2:2024 en pr
Boje i lakovi – Određivanje viskoznosti rotacijskim viskozimetrom
– 2. dio: Mjerenje relativne viskoznosti viskozimetrom s
diskom ili kuglom pri određenoj brzini (ISO 2884-2:2024;
EN ISO 2884-2:2024)
Paints and varnishes – Determination of viscosity using
rotational viscometers – Part 2: Relative measurement of
viscosity using disc or ball spindles at specified speeds
(ISO 2884-2:2024; EN ISO 2884-2:2024)

HRN EN 13991:2024 en pr
Derivati dobiveni pirolizom ugljena – Ulja bazirana na katranu
kamenog ugljena: kreozotno ulje – Specifikacije i metode
ispitivanja (EN 13991:2024)
Derivatives from coal pyrolysis – Coal tar based oils: creosotes
– Specifications and test methods (EN 13991:2024)

HRN EN 17399:2024 en pr
Alge i proizvodi na bazi algi – Nazivi i definicije (EN 17399:2024)
Algae and algae products – Terms and definitions (EN 17399:2024)

HZN/TU I1, Strojstvo 1

HRN EN ISO/ASTM 52904:2024 en pr
Aditivna proizvodnja metala – Procesne karakteristike i zahtjevi
– Proces stapanja praškastih slojeva koji ispunjava zahtjeve
kritičnih primjena (ISO/ASTM 52904:2024;
EN ISO/ASTM 52904:2024)
Additive manufacturing of metals – Process characteristics and
performance – Metal powder bed fusion process to meet critical
applications (ISO/ASTM 52904:2024; EN ISO/ASTM 52904:2024)

HZN/TU I2, Strojstvo 2

HRN EN ISO 8529-3:2024 en pr
Referentna polja neutronske zračenja – 3. dio: Umjeravanje
površinskih i osobnih dozimetara i određivanje njihova odziva
kao funkcije energije neutrona i kuta upada (ISO 8529-3:2023,
uključujući ispravljenu verziju 2023-09; EN ISO 8529-3:2024)
Neutron reference radiation fields – Part 3: Calibration of area
and personal dosimeters and determination of their response
as a function of neutron energy and angle of incidence
(ISO 8529-3:2023, including corrected version 2023-09;
EN ISO 8529-3:2024)

HRN EN ISO 9271:2024 en pr
Dekontaminacija radioaktivno kontaminiranih površina
– Ispitivanje sredstava za dekontaminaciju tekstila
(ISO 9271:2023; EN ISO 9271:2024)
Decontamination of radioactively contaminated surfaces
– Testing of decontamination agents for textiles
(ISO 9271:2023; EN ISO 9271:2024)

HRN EN 13814-1:2024 en pr
Sigurnost vožnje i uređaja u zabavnim parkovima – 1. dio:
Projektiranje i izrada (EN 13814-1:2019+A1:2024)
Safety of amusement rides and amusement devices – Part 1:
Design and manufacture (EN 13814-1:2019+A1:2024)

HRN EN 13814-2:2024 en pr
Sigurnost vožnje i uređaja u zabavnim parkovima – 2. dio:
Rukovanje, održavanje i upotreba (EN 13814-2:2019+A1:2024)
Safety of amusement rides and amusement devices – Part 2:
Operation, maintenance and use (EN 13814-2:2019+A1:2024)

HRN EN 13814-3:2024 en pr
Sigurnost vožnje i uređaja u zabavnim parkovima – 3. dio:
Zahtjevi za inspekciju tijekom projektiranja, izrade, rukovanja
i upotrebe (EN 13814-3:2019+A1:2024)
Safety of amusement rides and amusement devices
– Part 3: Requirements for inspection during design,
manufacture, operation and use (EN 13814-3:2019+A1:2024)

HRN EN ISO 14146:2024 en pr
Radiološka zaštita – Kriteriji i ograničenja izvedbe za
periodično ocjenjivanje dozimetrijskih usluga za vanjsko
zračenje (ISO 14146:2024; EN ISO 14146:2024)
Radiological protection – Criteria and performance limits for
the periodic evaluation of dosimetry services for external
radiation (ISO 14146:2024; EN ISO 14146:2024)

HRN EN ISO 18589-2:2024 en pr
Mjerenje radioaktivnosti u okolišu – Tlo – 2. dio: Smjernice za odabir strategije uzorkovanja, uzorkovanje i prethodnu obradu uzoraka (ISO 18589-2:2022; EN ISO 18589-2:2024)
Measurement of radioactivity in the environment – Soil – Part 2: Guidance for the selection of the sampling strategy, sampling and pre-treatment of samples (ISO 18589-2:2022; EN ISO 18589-2:2024)

HRN EN ISO 20044:2024 en pr
Mjerenje radioaktivnosti u okolišu – Zrak: čestice aerosola – Metoda ispitivanja uzorkovanjem pomoću medija za filtar (ISO 20044:2022; EN ISO 20044:2024)
Measurement of radioactivity in the environment – Air: aerosol particles – Test method using sampling by filter media (ISO 20044:2022; EN ISO 20044:2024)

HRN EN ISO 20045:2024 en pr
Mjerenje radioaktivnosti u okolišu – Zrak: tricij – Metoda ispitivanja uzorkovanjem mjehurićima (ISO 20045:2023, uključujući ispravljenu verziju 2023-09; EN ISO 20045:2024)
Measurement of the radioactivity in the environment – Air: tritium – Test method using bubbler sampling (ISO 20045:2023, including corrected version 2023-09; EN ISO 20045:2024)

HRN EN ISO 23588:2024 en pr
Radiološka zaštita – Opći zahtjevi za testove osposobljenosti za in vivo radiobiološku analizu (ISO 23588:2023; EN ISO 23588:2024)
Radiological protection – General requirements for proficiency tests for in vivo radiobiology (ISO 23588:2023; EN ISO 23588:2024)

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

HRN EN ISO 15098:2024 en pr
Stomatologija – Stomatološke pincete (ISO 15098:2024; EN ISO 15098:2024)
Dentistry – Dental tweezers (ISO 15098:2024; EN ISO 15098:2024)

HRN EN ISO 21535:2024 en pr
Neaktivni kirurški implantati – Implantati za zamjenu zgloba – Posebni zahtjevi za implantate za zamjenu kuka (ISO 21535:2023; EN ISO 21535:2024)
Non-active surgical implants – Joint replacement implants – Specific requirements for hip-joint replacement implants (ISO 21535:2023; EN ISO 21535:2024)

HRN EN ISO 21536:2024 en pr
Neaktivni kirurški implantati – Implantati za zamjenu zgloba – Posebni zahtjevi za implantate za zamjenu zgloba koljena (ISO 21536:2023; EN ISO 21536:2024)
Non-active surgical implants – Joint replacement implants – Specific requirements for knee-joint replacement implants (ISO 21536:2023; EN ISO 21536:2024)

HRN EN ISO 23500-2:2024 en pr
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 2. dio: Uređaji za obradu vode za potrebe hemodijalize i srodnih terapija (ISO 23500-2:2024; EN ISO 23500-2:2024)
Preparation and quality management of fluids for haemodialysis and related therapies – Part 2: Water treatment equipment for haemodialysis applications and related therapies (ISO 23500-2:2024; EN ISO 23500-2:2024)

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

HRN EN 2884:2024 en pr
Zrakoplovstvo – Vijci, s ravnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, kratki navoj, od legure titana, anodizirani, podmazani s MoS2 – Klasifikacija: 1100 MPa (pri temperaturi okoline)/315 °C (EN 2884:2024)
Aerospace series – Screws, pan head, offset cruciform recess, coarse tolerance normal shank, short thread, in titanium alloy, anodized, MoS2 lubricated – Classification: 1 100 MPa (at ambient temperature)/315 °C (EN 2884:2024)

HRN EN 2997-012:2024 en pr
Zrakoplovstvo – Spojnice, električne, kružne, opremljene s navojnim prstenom, otporne na vatru ili neotporne na vatru, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – Dio 012: Kontra matica za utičnice s kontra maticom – Norma za proizvod (EN 2997-012:2024)
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 012: Jam-nut for jam-nut receptacles – Product standard (EN 2997-012:2024)

HRN EN 4013:2024 en pr
Zrakoplovstvo – Držac matica, samozatvarajući, legura na bazi nikla otporna na toplinu NI-PH2601 (Inconel 718), prevučen srebrom – Klasifikacija: 1550 MPa (pri temperaturi okoline)/600 °C (EN 4013:2024)
Aerospace series – Shank nuts, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated – Classification: 1 550 MPa (at ambient temperature)/600 °C (EN 4013:2024)

HRN EN 4157:2024 en pr
Zrakoplovstvo – Krajevi šipki sa samoprilagodljivim dvorednim kugličnim ležajevima i strukom od čelika s navojem (EN 4157:2024)
Aerospace series – Rod end, with self-aligning double row ball bearings and threaded shank in steel – Dimensions and loads, Inch series (EN 4157:2024)

HRN EN 4886:2024 en pr
Zrakoplovstvo – Splav za spašavanje iz rotokoptera – Zahtjevi, ispitivanja i označavanje (EN 4886:2024)
Aerospace series – Rotorcraft life raft – Requirements, testing and marking (EN 4886:2024)

HRN EN 4890:2022/A1:2024 en pr
Zrakoplovstvo – Čelik X4CrNiMo16-5-1 – Taljen na zraku – Kaljen i termički obrađen – Limovi i ploče – 0,3 mm ≤ a ≤ 50 mm – 900 MPa ≤ Rm ≤ 1 050 MPa (EN 4890:2022/A1:2024)
Aerospace series – Steel X4CrNiMo16-5-1 – Air melted – Hardened and tempered – Sheets and plates – 0,3 mm ≤ a ≤ 50 mm – 900 MPa ≤ Rm ≤ 1 050 MPa (EN 4890:2022/A1:2024)

HRN EN 6024:2024 en pr
Zrakoplovstvo – Vijci, sa 100° upuštenom glavom, s ujednačenim križnim urezom, struka uske tolerancije, kratkog navoja od legure titanija, anodizirani i podmazani s MoS2 – Klasifikacija: 1100 MPa (pri temperaturi okoline)/315 °C – Serija u inčima (EN 6024:2024)
Aerospace series – Screws, 100° countersunk reduced head offset cruciform recess close tolerance shank, short thread in titanium alloy, anodized MoS2 lubricated – Classification: 1 100 MPa (at ambient temperature)/315 °C – Inch series (EN 6024:2024)

HZN/TU U1, Opća elektrotehnika 1

HRN EN 50436-7:2024 en pr
Blokada u slučaju alkoholiziranosti – Metode ispitivanja i izvedbeni zahtjevi – 7. dio: Dokument za instalaciju (EN 50436-7:2024)
Alcohol interlocks – Test methods and performance requirements – Part 7: Installation document (EN 50436-7:2024)

HZN/TU V1, Elektronika 1

HRN EN 50065-2-3:2024 en pr
Signalizacija na niskonaponskim električnim instalacijama u frekvencijskom području od 3 kHz do 148,5 kHz – Dio 2-3: Zahtjevi za otpornost mrežne komunikacijske opreme i sustava koji rade u rasponu frekvencije od 3 kHz do 95 kHz namijenjenih za uporabu dobavljačima i distributerima električne energije (EN 50065-2-3:2024)
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 2-3: Immunity requirements for mains communicating equipment operating in the range of frequencies 3 kHz to 95 kHz and intended for use by electricity suppliers and distributors (EN 50065-2-3:2024)

HRN EN IEC 60384-21:2024 en pr
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 21. dio: Sekcijska specifikacija – Fiksni višeslojni kondenzatori za površinsku montažu s keramičkim dielektrikom, razreda 1 (IEC 60384-21:2024; EN IEC 60384-21:2024)
Fixed capacitors for use in electronic equipment – Part 21: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (IEC 60384-21:2024; EN IEC 60384-21:2024)

HRN EN IEC 60384-22:2024 en pr
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 22. dio: Sekcijska specifikacija – Fiksni višeslojni kondenzatori za površinsku montažu s keramičkim dielektrikom, razreda 2 (IEC 60384-22:2024; EN IEC 60384-22:2024)
Fixed capacitors for use in electronic equipment – Part 22: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (IEC 60384-22:2024; EN IEC 60384-22:2024)

HRN EN IEC 61300-2-22:2024 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-22: Ispitivanja – Promjena temperature (IEC 61300-2-22:2024; EN IEC 61300-2-22:2024)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-22: Tests – Change of temperature (IEC 61300-2-22:2024; EN IEC 61300-2-22:2024)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 50735-1:2024 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Aspekti zaštite okoliša – 1. dio: Zahtjevi za popravljivost (EN 50735-1:2024)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Environmental aspects – Part 1: Requirements for repairability (EN 50735-1:2024)

HRN EN IEC 60704-2-9:2024 en pr
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-9: Posebni zahtjevi za električne aparate za njegu kose (IEC 60704-2-9:2024; EN IEC 60704-2-9:2024)
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-9: Particular requirements for electric hair care appliances (IEC 60704-2-9:2024; EN IEC 60704-2-9:2024)

HRN EN IEC 61558-2-10:2024 en pr
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 61558-2-10:2024; EN IEC 61558-2-10:2024)
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 1000 V (IEC 61558-2-10:2024; EN IEC 61558-2-10:2024)

HRN EN 62552-1:2020/A11:2024 en pr
Kućanski rashladni aparati – Značajke i ispitne metode – 1. dio: Opći zahtjevi (EN 62552-1:2020/A11:2024)
Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements (EN 62552-1:2020/A11:2024)

HRN EN 62552-2:2020/A11:2024 en pr
Kućanski rashladni aparati – Značajke i ispitne metode – 2. dio: Izvedbeni zahtjevi (EN 62552-2:2020/A11:2024)
Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements (EN 62552-2:2020/A11:2024)

HRN EN 62552-3:2020/A11:2024 en pr
Kućanski rashladni aparati – Značajke i ispitne metode – 3. dio: Potrošnja energije i obujam (EN 62552-3:2020/A11:2024)
Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume (EN 62552-3:2020/A11:2024)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

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

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

HZN/TO 8, Brodogradnja

prEN ISO 12215-9 en
Small craft – Hull construction and scantlings – Part 9: Sailing craft appendages (ISO/DIS 12215-9:2024)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 9. dio: Privjesci na trupu plovila na jedra (ISO/DIS 12215-9:2024)

prEN 18071 en
Inland navigation vessels – Methanol bunkering (prEN 18071)

HZN/TO 28, Naftni proizvodi i maziva

ISO 8217:2024 en
Products from petroleum, synthetic and renewable sources – Fuels (class F) – Specifications of marine fuels
Proizvodi iz naftnih, sintetičkih i obnovljivih izvora – Goriva (razred F) – Specifikacije brodskih goriva

prEN 14331 en
Liquid petroleum products – Separation and characterisation of fatty acid methyl esters (FAME) from middle distillates – Liquid chromatography (LC)/gas chromatography (GC) method
Tekući naftni proizvodi – Odvajanje i karakterizacija metilnih estera masnih kiselina (FAME) iz srednjih destilatnih goriva – Metoda tekućinske kromatografije (LC)/plinske kromatografije (GC)

prEN 16997 en
Liquid petroleum products – Determination of the sulfur content in Ethanol (E85) automotive fuel – Wavelength dispersive X-ray fluorescence spectrometric method
Tekući naftni proizvodi – Određivanje sadržaja sumpora u E85 motornom benzinu s etanolom – Metoda valno disperzivne rendgenske fluorescentne spektrometrije

HZN/TO 37, Terminologija

prEN ISO 17651-3 en
Simultaneous interpreting – Interpreter's working environment – Part 3: Requirements and recommendations for interpreting hubs (ISO/DIS 17651-3:2024)

HZN/TO 44, Zavarivanje i srodni postupci

prEN ISO 13916 en
Welding – Measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO/DIS 13916:2024)
Zavarivanje – Mjerenje temperature predgrijavanja, međuslojne temperature i održavanje temperature predgrijavanja (ISO/DIS 13916:2024)

prEN ISO 14555 en
Welding – Arc stud welding of metallic materials (ISO/DIS 14555:2024)
Zavarivanje – Elektrolučno zavarivanje svornjaka od metalnih materijala (ISO/DIS 14555:2024)

prEN ISO 17662 en
Welding – Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO/DIS 17662:2024)
Zavarivanje – Umjeravanje, provjera i vrednovanje opreme za zavarivanje uključujući pomoćne aktivnosti (ISO/DIS 17662:2024)

HZN/TO 74, Cement i vapno

prEN 196-2 en
Methods of testing cement – Part 2: Chemical analysis of cement
Metode ispitivanja cementa – 2. dio: Kemijska analiza cementa

HZN/TO 120, Koža i obuća

- prEN ISO 17236 en
Leather – Physical and mechanical tests – Determination of extension set (ISO/DIS 17236:2024)
Koža – Fizikalna i mehanička ispitivanja – Određivanje istezanja nakon opterećenja (ISO/DIS 17236:2024)
- prEN ISO 25089 en
Leather – Tests for colour fastness – Colour fastness to sea water (ISO/DIS 25089:2024)

HZN/TO 126, Duhan i duhanski proizvodi

- ISO 4906:2024 en
Tobacco and tobacco products – Determination of filling power for preparation of fine-cut smoking articles – Constant-weight pressurization
Duhan i duhanski proizvodi – Određivanje snage punjenja za izradu proizvoda za pušenje od fino rezanog duhana – Primjena tlaka konstantnim opterećenjem

HZN/TO 134, Gnojiva i poboljšivači tla

- prEN 14069 en
Liming materials – Denominations, specifications and labelling

HZN/TO 135, Nerazorna ispitivanja

- prEN ISO 2400 en
Non-destructive testing – Ultrasonic testing – Specification for standard block No. 1 (ISO/DIS 2400:2024)
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Specifikacija za radni etalon br. 1 (ISO/DIS 2400:2024)

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

- prEN 1329-1 en
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Unplasticized poly(vinyl chloride) (PVC-U) – Part 1: Specifications for pipes, fittings and the system
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Neomekšani poli(vinil-klorid) (PVC-U) – 1. dio: Specifikacije za cijevi, spojnice i sustav
- prEN ISO 15875-1 en
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 1: General (ISO/DIS 15875-1:2024)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 1. dio: Općenito (ISO/DIS 15875-1:2024)
- prEN ISO 15875-2 en
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 2: Pipes (ISO/DIS 15875-2:2024)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 2. dio: Cijevi (ISO/DIS 15875-2:2024)
- prEN ISO 15875-3 en
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 3: Fittings (ISO/DIS 15875-3:2024)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 3. dio: Spojnice (ISO/DIS 15875-3:2024)
- prEN ISO 15875-5 en
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 5: Fitness for purpose of the system (ISO/DIS 15875-5:2024)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 5. dio: Prikadnost sustava za uporabu (ISO/DIS 15875-5:2024)

HZN/TO 146, Kvaliteta zraka

- ISO 7935:2024 en
Stationary source emissions – Determination of the mass concentration of sulfur dioxide in flue gases – Performance characteristics of automated measuring systems
Emisije iz nepokretnih izvora – Određivanje masene koncentracije sumporovog dioksida u otpadnim plinovima – Radne značajke automatskih mjernih sustava

- ISO 12141 en
Stationary source emissions – Determination of low range mass concentration of dust – Manual gravimetric method
Emisije iz nepokretnih izvora – Određivanje niskih vrijednosti masene koncentracije prašine – Ručna gravimetrijska metoda

- prEN 15051-2 en
Workplace exposure – Measurement of the dustiness of bulk materials – Part 2: Rotating drum method
Profesionalna izloženost – Mjerenje prašnosti rastresitoga materijala – 2. dio: Metoda rotirajućega bubnja

HZN/TO 147, Kvaliteta vode

- prEN 18110 en
Water quality – Method for assessment of fish damage in pumps and turbines used in pumping stations and hydropower plants
Kvaliteta vode – Metoda procjene preživljavanja riba u crpkama i turbinama koje se upotrebljavaju u crpnim stanicama i hidroelektranama

- prEN ISO 18127 en
Water quality – Determination of adsorbable organically bound fluorine, chlorine, bromine and iodine (AOF, AOCl, AOB, AOI) – Method using combustion and subsequent ion chromatographic measurement (ISO/DIS 18127:2024)

HZN/TO 172, Optika i optički instrumenti

- prEN ISO 11980 en
Ophthalmic optics – Contact lenses and contact lens care products – Guidance for clinical investigations (ISO/DIS 11980:2024)
Oftalmološka optika – Kontakte leće i proizvodi za njegu kontaktnih leća – Smjernice za klinička istraživanja (ISO/DIS 11980:2024)

- prEN 16128 en
Ophthalmic optics – Reference method for the testing of spectacle frames and sunglasses for nickel release
Oftalmološka optika – Referentna metoda za ispitivanje oslobađanja nikla iz dioptrijskih okvira i sunčanih naočala

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

- EN 71-4:2020/prA1 en
Safety of toys – Part 4: Experimental sets for chemistry and related activities
Sigurnost igraćaka – 4. dio: Eksperimentalna oprema za kemiju i srodne aktivnosti

- prEN 71-14 en
Safety of toys – Part 14: Trampolines for domestic use
Sigurnost igraćaka – 14. dio: Trampolini za kućnu uporabu

- prEN ISO 19177-1 en
Geographic information – Geospatial API for tiles – Part 1: Core

HZN/TO 182, Geotehničke konstrukcije

- prEN ISO 16383-1 en
Geotechnical investigation and testing – Laboratory testing of rock – Part 1: Determination of water content (ISO/DIS 16383-1:2024)

HZN/TO 211, Geoinformacije/Geomatika

- prEN ISO 19178-1 en
Geographic information – Training data markup language for artificial intelligence – Part 1: Conceptual model standard (ISO/DIS 19178-1:2024)

HZN/TO 215, Zdravstvena informatika

- prEN ISO 13940 en
Health informatics – System of concepts to support continuity of care (ISO/DIS 13940:2024)
Zdravstvena informatika – Sustav koncepata za potporu kontinuiteta zdravstvene zaštite (ISO/DIS 13940:2024)

- prEN ISO 17117-1 en
Health informatics – Terminological resources – Part 1: Characteristics (ISO/DIS 17117-1:2024)
Zdravstvena informatika – Terminološki resursi – 1. dio: Karakteristike (ISO/DIS 17117-1:2024)

- prEN ISO 17523 en
Health informatics – Requirements for electronic prescriptions (ISO/DIS 17523:2024)
Zdravstvena informatika – Zahtjevi za elektroničke recepte (ISO/DIS 17523:2024)

prEN ISO 27269 en
Health informatics – International patient summary
(ISO/DIS 27269:2024)
Zdravstvena informatika – Sažetak međunarodnih
pacijentovih medicinskih podataka (ISO/DIS 27269:2024)

HZN/TO 502, Plinski uređaji

prEN 126 en
Safety and control devices for burners and appliances burning
gaseous fuels – Multifunctional controls for gas burning
appliances

HZN/TO 503, Metalni materijali

EN 1254-3:2021/prA1 en
Copper and copper alloys – Plumbing fittings – Part 3:
Compression fittings for use with plastics and multilayer pipes
Bakar i legure bakra – Vodovodne spojnice – 3. dio: Stezne
spojnice za upotrebu s plastičnim i višeslojnim cijevima

EN 1254-6:2021/prA1 en
Copper and copper alloys – Plumbing fittings – Part 6:
Push-fit fittings for use with metallic tubes, plastics and
multilayer pipes
Bakar i legure bakra – Vodovodne spojnice – 6. dio: Spojnice
s krajevima za naglavljivanje za upotrebu s metalnim,
plastičnim i višeslojnim cijevima

EN 1254-8:2021/prA1 en
Copper and copper alloys – Plumbing fittings – Part 8: Press
fittings for use with plastics and multilayer pipes
Bakar i legure bakra – Vodovodne spojnice – 8. dio: Spojnice s
krajevima za utiskivanje za upotrebu s plastičnim i višeslojnim
cijevima

EN 1254-20:2021/prA1 en
Copper and copper alloys – Plumbing fittings – Part 20:
Definitions, thread dimensions, test methods, reference data
and supporting information
Bakar i legure bakra – Vodovodne spojnice – 20. dio:
Definicije, dimenzije navoja, metode ispitivanja, referentni
podaci i popratne informacije

prEN ISO 3325 en
Sintered metal materials, excluding hardmetals – Determination
of transverse rupture strength (ISO/DIS 3325:2024)
Sinterirani metalni materijali, osim tvrdih metala – Određivanje
poprečne prekidne čvrstoće (ISO/DIS 3325:2024)

prEN ISO 14577-1 en
Metallic materials – Instrumented indentation test for
hardness and materials parameters – Part 1: Test method
(ISO/DIS 14577-1:2024)
Metalni materijali – Instrumentirano ispitivanje utiskivanjem za
određivanje tvrdoće i parametara materijala – 1. dio: Metoda
ispitivanja (ISO/DIS 14577-1:2024)

prEN ISO 14577-2 en
Metallic materials – Instrumented indentation test for hardness
and materials parameters – Part 2: Verification and calibration
of testing machines (ISO/DIS 14577-2:2024)
Metalni materijali – Instrumentirano ispitivanje utiskivanjem za
određivanje tvrdoće i parametara materijala – 2. dio: Provjeravanje
i umjeravanje ispitnih uređaja (ISO/DIS 14577-2:2024)

prEN ISO 14577-3 en
Metallic materials – Instrumented indentation test for hardness
and materials parameters – Part 3: Calibration of reference
blocks (ISO/DIS 14577-3:2024)
Metalni materijali – Instrumentirano ispitivanje utiskivanjem
za određivanje tvrdoće i parametara materijala – 3. dio:
Umjeravanje referentnih pločica (ISO/DIS 14577-3:2024)

prEN ISO 28079 en
Hardmetals – Palmqvist toughness test (ISO/DIS 28079:2024)

HZN/TO 509, Cestovna oprema

EN 16303:2020/prA1 en
Road restraint systems – Validation and verification process
for the use of virtual testing in crash testing against vehicle
restraint system
Zaštitni cestovni sustavi – Validacija i verifikacija procesa koji
se koriste pri virtualnom ispitivanju zaštitnoga sustava pri
sudaru vozila

HZN/TO 517, Posebne vrste konstrukcija

EN 74-1:2022/prA1 en
Couplers, spigot pins and baseplates for use in falsework and
scaffolds – Part 1: Couplers for tubes – Requirements and
test procedures
Spojnice, umetci i ležajne ploče za potporne i radne skele
– 1. dio: Spojnice za cijevi – Zahtjevi i postupci ispitivanja

HZN/TO 521, Usluge održavanja

prEN 15628 en
Maintenance – Qualification of maintenance personnel
Održavanje – Osposobljavanje djelatnika održavanja

HZN/TO 531, Plastika i guma

prEN ISO 75-3 en
Plastics – Determination of temperature of deflection under
load – Part 3: High-strength thermosetting laminates and
long-fibre-reinforced plastics (ISO/DIS 75-3:2024)

prEN ISO 877-1 en
Plastics – Methods of exposure to solar radiation – Part 1:
General guidance (ISO/DIS 877-1:2024)
Plastika – Metode izlaganja sunčevom zračenju – 1. dio:
Opće upute (ISO/DIS 877-1:2024)

prEN ISO 877-2 en
Plastics – Methods of exposure to solar radiation – Part 2:
Direct weathering and exposure behind window glass
(ISO/DIS 877-2:2024)
Plastika – Metode izlaganja sunčevom zračenju – 2. dio:
Izravno atmosfersko starenje i izlaganje iza prozorskog stakla
(ISO/DIS 877-2:2024)

prEN ISO 2440 en
Flexible and rigid cellular polymeric materials – Accelerated
ageing tests (ISO/DIS 2440:2024)
Savijljivi i kruti pjenasti polimerni materijali – Ispitivanje
ubranog starenja (ISO/DIS 2440:2024)

prEN ISO 3386-1 en
Polymeric materials, cellular flexible – Determination of
stress-strain characteristics in compression – Part 1: Low-
density materials (ISO/DIS 3386-1:2024)
Savijljivi pjenasti polimerni materijali – Određivanje svojstava
naprežanja i deformacije pod pritiskom – 1. dio: Materijali
niske gustoće (ISO/DIS 3386-1:2024)

prEN 13206 en
Plastics – Thermoplastic covering films for use in agriculture
and horticulture
Plastics – Thermoplastic covering films for use in agriculture
and horticulture

prEN 13207 en
Plastics – Thermoplastic silage films and tubes for use in
agriculture
Plastika – Termoplastični silažni filmovi i cijevi za uporabu u
poljoprivredi

prEN 13655 en
Plastics – Thermoplastic mulch films recoverable after use,
for use in agriculture and horticulture
Plastika – Termoplastični filmovi za malčiranje oporabljivi
nakon uporabe, za korištenje u poljoprivredi i vrtlarstvu

prEN 14932 en
Plastics – Thermoplastic stretch films for wrapping silage
bales
Plastika – Rastezljivi plastomerni filmovi za omatanje silažnih
bala

prEN 17098-1 en
Plastics – Barrier films for agricultural and horticultural soil
disinfection by fumigation – Part 1: Specifications for barrier
films
Plastika – Barijerni filmovi za dezinfekciju tla fumigacijom u
poljoprivredi i vrtlarstvu – 1. dio: Specifikacije za barijerne
filmove

prEN 18109 en
Plastics – Agricultural plastic products – Installation, use,
removal, sorting, collection, preparation for recycling and
design for recycling guidelines

prEN ISO 18752 en
Rubber hoses and hose assemblies – Wire- or textile-reinforced single-pressure types for hydraulic applications – Specification (ISO/DIS 18752:2024)
Gumena crijeva i crijevni sklopovi – Tipovi za određene tlakove ojačani žicom ili tekstilom za hidrauličke primjene – Specifikacija (ISO/DIS 18752:2024)

HZN/TO 533, Kolničke konstrukcije

prEN 12272-3 en
Surface dressing – Test methods – Part 3: Determination of binder aggregate adhesivity by the Vialit plate shock test method
Površinska obrada – Ispitna metoda – 3. dio: Određivanje prionljivosti veziva i agregata Vialitovom ispitnom metodom

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

prEN 12599 en
Ventilation for buildings – Test procedures and measurement methods to hand over air conditioning and ventilation systems and air conditioning systems for non-residential buildings
Ventilacija u zgradama – Postupci ispitivanja i metode mjerenja za primopredaju sustava klimatizacije i ventilacije i sustava klimatizacije za ne stambene zgrade

EN 13141-7:2021/prA1 en
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 7: Performance testing of ducted mechanical supply and exhaust ventilation units (including heat recovery)
Ventilacija u zgradama – Ispitivanje značajka dijelova/proizvoda za ventilaciju zgrada – 7. dio: Ispitivanje značajka za kanalnu dobavnu i otsisnu ventilacijsku opremu (uključujući povrat topline)

HZN/TO 550, Opskrba vodom

prEN 13079 en
Devices to prevent pollution by backflow of potable water – Air gap with injector – Family A – Type D
Uređaji za sprečavanje onečišćenja vode za piće uslijed povratnog toka – Zračni razmak s injektorom – Skupina A, tip D

prEN 15664-1 en
Influence of metallic materials on water intended for human consumption – Dynamic rig test for assessment of metal release – Part 1: Design and operation
Utjecaj metalnih materijala na vodu namjenjenu ljudskoj potrošnji – Mjerne linije za dinamičko ispitivanje procjene otpuštanja metala – 1. dio: Oblikovanje i postupak

HZN/TO 555, Medicinski proizvodi

EN ISO 10993-17:2023/prA1 en
Biological evaluation of medical devices – Part 17: Toxicological risk assessment of medical device constituents (ISO 10993-17:2023/DAmD 1:2024)
Biološka procjena medicinskih uređaja – 17. dio: Toksikološka procjena rizika za sastavnice medicinskih uređaja (ISO 10993-17:2023/DAmD 1:2024)

HZN/TO 556, Osobna zaštitna oprema

prEN 15090 en
Footwear for firefighters
Obuća za vatrogasce

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN ISO 5640 en
Industrial valves – Mounting kits for part-turn valve actuator attachment (ISO 5640:2024)
Industrijski ventili – Ugradbene garniture za spajanje dodataka za dijelom okretni pogon ventila (ISO 5640:2024)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 9073-5 en
Nonwovens – Test methods – Part 5: Determination of resistance to mechanical penetration (ball burst procedure) (ISO/DIS 9073-5:2024)

prEN ISO 9073-6 en
Nonwovens – Test methods – Part 6: Absorption (ISO/DIS 9073-6:2024)
Tekstil – Metode ispitivanja – 6. dio: Apsorpcija (ISO/DIS 9073-6:2024)

prEN ISO 9073-11 en
Nonwovens – Test methods – Part 11: Run-off (ISO/DIS 9073-11:2024)

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

prEN ISO 13341 en
Gas cylinders – Fitting of valves to gas cylinders (ISO/DIS 13341:2024)
Plinske boce – Ugradnja ventila u plinske boce (ISO/DIS 13341:2024)

HZN/TO 562, Alatni strojevi i alati

prEN ISO 16089 en
Machine tools – Safety – Stationary grinding machines (ISO/FDIS 16089:2024)
Alatni strojevi – Sigurnost – Stacionarne brusilice (ISO/FDIS 16089:2024)

HZN/TO 563, Sigurnost strojeva

prEN ISO 11161 en
Safety of machinery – Integration of machinery into a system – Basic requirements (ISO/DIS 11161:2024)
Sigurnost strojeva – Integrirani sustavi proizvodnje – Osnovni zahtjevi (ISO/DIS 11161:2024)

HZN/TO 576, Psi pomagači

prEN 17984-3 en
Assistance dogs – Part 3: Competencies for assistance dogs professionals

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

prEN ISO 16965 en
Environmental solid matrices – Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS) (ISO/DIS 16965:2024)
Kruti matriksi u okolišu – Određivanje elemenata uporabom spektrometrije masa s induktivno spregnutom plazmom (ICP-MS) (ISO/DIS 16965:2024)

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

prEN ISO/IEC 27701 en
Information security, cybersecurity and privacy protection – Privacy information management systems – Requirements and guidance (ISO/IEC DIS 27701:2024)
Informacijska sigurnost, kibernetička sigurnost i zaštita privatnosti – Sustav upravljanja osobnim podacima – Zahtjevi i smjernice (ISO/IEC DIS 27701:2024)

HZN/TO E2, Rotacijski strojevi

prEN IEC 60034-15:2024 en
Rotating electrical machines – Part 15: Impulse voltage withstand levels of form-wound stator coils for rotating a.c. machines (IEC 60034-15 ED4)
Rotacijski električni strojevi – 15. dio: Iznosi podnosivih udarnih napona oblikovanih statorskih svitaka za rotacijske izmjenične strojeve (IEC 60034-15 ED4)

HZN/TO E9, Električna oprema za željeznicu

EN 50367:2020/prA2 en
Railways applications – Fixed installations and rolling stock – Criteria to achieve technical compatibility between pantographs and overhead contact line
Željeznički sustav – Stabilna postrojenja i željeznička vozila – Kriteriji za omogućavanje tehničke kompatibilnosti između pantografa i gornjeg voda

prEN 50736:2024 en
Railway application – Communication, signalling and processing system – Test requirements for signalling and telecommunication equipment

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

prEN IEC 60684-2:2024 en
Flexible insulating sleeving – Part 2: Methods of test (IEC 60684-2 ED4)
Saviljive izolacijske navlake – 2. dio: Metode ispitivanja (IEC 60684-2 ED4)

HZN/TO E23, Električni instalacijski pribor

prEN IEC 63066:2024 en
Low-voltage docking connectors for removable energy storage units (IEC 63066 ED1)

HZN/TO E31, Eksplozivne atmosfere

prEN 15089 en
Explosion isolation systems
Sustavi za izoliranje eksplozije

prEN IEC 60079-0:2024 en
Explosive atmospheres – Part 0: Equipment – General requirements (IEC 60079-0 ED8)
Eksplozivne atmosfere – 0. dio: Oprema – Opći zahtjevi (IEC 60079-0 ED8)

prEN IEC 60079-29-0:2024 en
Explosive atmospheres – Part 29-0: Gas detectors – General requirements and test methods, and possible supplementary parts (IEC 60079-29-0 ED1)

HZN/TO E37, Odvodnici prenapona

prEN IEC 61643-21:2024 en
Low voltage surge protective devices – Part 21: Surge protective devices connected to telecommunications and signalling networks – Requirements and testing methods (IEC 61643-21 ED2)
Prenaponske zaštitne naprave za niski napon – 21. dio: Prenaponske zaštitne naprave spojene na telekomunikacijske i signalne mreže – Zahtjevi za radna svojstva i ispitne metode (IEC 61643-21 ED2)

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

prEN IEC 61514:2024 en
Industrial-process control systems – Methods of evaluating the performance of valve positioners with pneumatic outputs (IEC 61514 ED2)
Sustavi za vođenje industrijskih procesa – Metode ocjenjivanja djelovanja postavnika ventila s pneumatskim izlazima (IEC 61514 ED2)

prEN IEC 61514-2:2024 en
Industrial process control systems – Part 2: Methods of evaluating the performance of intelligent valve positioners with pneumatic outputs mounted on an actuator valve assembly (IEC 61514-2 ED3)
Sustavi za vođenje industrijskih procesa – 2. dio: Metode ocjenjivanja djelovanja inteligentnih postavnika ventila s pneumatskim izlazima postavljenih na sklop ventila aktuatora (IEC 61514-2 ED3)

prEN IEC 61987-100:2024 en
Industrial-process measurement and control – Data structures and elements (IEC 61987-100 ED1)

HZN/TO E79, Alarmni sustavi

prEN 50131-2-8 en
Alarm systems – Intrusion and hold-up systems – Part 2-8: Intrusion detectors – Shock detectors
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-8: Protuprovalni detektori – Detektori udara

HZN/TO E81, Zaštita od munje

prEN IEC 62561-2:2024 en
Lightning protection system components (LPSC) – Part 2: Requirements for conductors and earth electrodes (IEC 62561-2 ED3)
Komponente sustava zaštite od munje (LPSC) – 2. dio: Zahtjevi za vodiče i uzemljivače (IEC 62561-2 ED3)

HZN/TO E501, Elektroakustika i ultrazvuk

prEN IEC 61252:2024 en
Electroacoustics – Personal sound exposure meters (IEC 61252 ED2)

EN 61669:2016/prA1:2024 en
Electroacoustics – Measurement of real-ear acoustical performance characteristics of hearing aids (IEC 61669/am1 ED2)
Elektroakustika – Mjerenje na ljudskom uhu akustičkih radnih karakteristika slušnih pomagala (IEC 61669/am1 ED2)

prEN IEC 61847:2024 en
Ultrasonics – Surgical systems – Measurement and declaration of the basic output characteristics (IEC 61847 ED2)
Ultrazvuk – Kirurški sustavi – Mjerenje i iskazivanje temeljnih izlaznih značajki (IEC 61847 ED2)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

prEN 50174-4:2024 en
Information technology – Cabling installation – Part 4: Testing of installed optical fibre cabling

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 303 800-5 V1.1.0:2024 en
Environmental Engineering (EE) – Assessment of material efficiency of ICT network infrastructure goods (circular economy) – Part 5: Server and data storage product disassembly and disassembly instruction
Inženjerstvo okoliša (EE) – Procjena materijalne učinkovitosti ICT mrežnih infrastrukturnih dobara (cirkularna ekonomija) – 5. dio: Poslužitelj i proizvod za pohranu podataka o rastavljanju i uputama za rastavljanje

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

prEN 15115 en
Textile floor coverings – Determination of sensitivity to spilled water
Tekstilne podne obloge – Određivanje osjetljivosti na izlivenu vodu

prEN ISO 16906 en
Resilient floor coverings – Determination of seam strength (ISO 16906:2015)

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

prEN ISO 8501-3 en
Preparation of steel substrates before application of paints and related products – Visual assessment of surface cleanliness – Part 3: Preparation grades of welds, edges and other areas with surface imperfections (ISO/DIS 8501-3:2024)
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Vizualna procjena čistoće površine – 3. dio: Stupnjevi pripreme zavarenih spojeva, rubova i drugih površina s površinskim nepravilnostima (ISO/DIS 8501-3:2024)

prEN ISO 9038 en
Determination of sustained combustibility of liquids (ISO/DIS 9038:2024)
Određivanje podržavanja gorenja kapljevine (ISO/DIS 9038:2024)

prEN 17242 en
Recirculatory Filtration Fume Cabinets

prEN ISO 19396-1 en
Paints and varnishes – Determination of pH value – Part 1: pH electrodes with glass membrane (ISO/DIS 19396-1:2024)
Boje i lakovi – Određivanje pH vrijednosti – 1. dio: pH elektrode sa staklenom membranom (ISO/DIS 19396-1:2024)

prEN ISO 19396-2 en
Paints and varnishes – Determination of pH value – Part 2: pH electrodes with ISFET technology (ISO/DIS 19396-2:2024)
Boje i lakovi – Određivanje pH vrijednosti – 2. dio: pH elektrode s ISFET tehnologijom (ISO/DIS 19396-2:2024)

HZN/TU N1, Nemetalni materijali 1

prEN 15365 en
Advanced technical ceramics – Mechanical properties of ceramic fibres at high temperature in a non-reactive environment – Determination of creep behaviour by the cold grip method
Tehnička keramika – Mehanička svojstva keramičkih vlakana na visokoj temperaturi u nereaktivnom okolišu – Određivanje puzanja metodom hladnog završetka

prEN 15979 en
Testing of ceramic raw materials and ceramic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by optical emission spectrometry by direct current arc excitation (DCArc-OES)

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

- prEN ISO 4074 en
Natural rubber latex male condoms – Requirements and test methods (ISO/DIS 4074:2024)
Kondomi za muškarce od prirodnog lateksa – Zahtjevi i metode ispitivanja (ISO/DIS 4074:2024)
- prEN ISO 15087 en
Dentistry – Dental elevators (ISO/DIS 15087:2024)
- prEN ISO 19490 en
Dentistry – Sinus membrane elevator (ISO/DIS 19490:2024)
Stomatologija – Instrument za podizanje membrane sinusa (ISO/DIS 19490:2024)

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

- prEN 3359 en
Aerospace series – Steel X3CrNiMoAl13-8-2 (1.4534) – Vacuum induction melted and consumable electrode remelted – Softened – Forging stocks – a or D ≤ 300 mm
Zrakoplovstvo – Čelik X3CrNiMoAl13-8-2 (1.4534) – Topljen vakuumskom indukcijom i pretopljen s topljivom elektrodom – Omekšan – Materijal namijenjen kovanju – a ili D ≤ 300 mm
- prEN 3365 en
Aerospace series – Steel X15CrNi17-3 (1.4057) – Air melted – Softened – Forging stock – a or D ≤ 300 mm
Zrakoplovstvo – Čelik X15CrNi17-3 (1.4057) – Taljen na zraku – Omekšan – Materijal namijenjen kovanju – a ili D ≤ 300 mm
- prEN 3490 en
Aerospace series – Steel X15CrNi17-3 (1.4057) – Air melted – Hardened and tempered – Bars for machining – De ≤ 200 mm – 900 MPa ≤ Rm ≤ 1 100 MPa
Zrakoplovstvo – Čelik X15CrNi17-3 (1.4057) – Taljen na zraku – Kaljen i termički obrađen – Šipke za strojnu obradu – De ≤ 200 mm – 900 MPa ≤ Rm ≤ 1100 MPa
- prEN 3545-006 en
Aerospace series – Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C – Part 006: Male coding and attachment System for mounting on fixed housing (receptacle) – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, zabrtvljene ili nezabrtvljene sa zadnje strane, plastično kućište, uređaj za osiguranje, radne temperature od -55 °C do 175 °C – 006. dio: Priključni sustav s muškim kodiranjem za ugradnju na slobodno kućište (utičnica) – Norma za proizvod
- prEN 4727 en
Aerospace series – Standardized passenger seat weight information
Zrakoplovstvo – Normirane informacije o težini putničkog sjedala
- prEN 4912 en
Aerospace series – ECO efficiency of seats
- prEN 6127 en
Aerospace series – Blind bolt, 100° reduced flush head, high strength
- prEN 6128 en
Aerospace series – Blind bolt, 100° flush head, high strength
Zrakoplovstvo – Slijepi vijak, upuštene glave 100°, visoke čvrstoće
- prEN 6129 en
Aerospace series – Blind bolt, protruding head, high strength, pulltype
Zrakoplovstvo – Oklopljeni vijak zaobljene glave, visoke čvrstoće, ugradnja povlačenjem
- prEN 17860-4 en
Carrier Cycles – Part 4: Heavy weight carrier cycles – Mechanical and functional aspects

HZN/TU U1, Opća elektrotehnika 1

- prEN IEC 60404-18:2024 en
Magnetic materials – Part 18: Permanent magnet (magnetically hard) materials – Methods of measurement of the magnetic properties in an open magnetic circuit using a superconducting magnet (IEC 60404-18 ED1)
Magnetski materijali – 18. dio: Permanentni magnetski (magnetski tvrdi) materijali – Metode mjerenja magnetskih svojstava u otvorenom magnetskom krugu pomoću supravodljivog magneta (IEC 60404-18 ED1)

- prEN IEC 60721-3-6:2024 en
Classification of environmental conditions. part 3: Classification of groups of environmental parameters and their severities – Ship environment (IEC 60721-3-6 ED2)
Razredba uvjeta okoliša. 3. dio: Razredba skupina parametara okoliša i njihovog intenziteta – Brodski okoliš (IEC 60721-3-6 ED2)

HZN/TU V1, Elektronika 1

- prEN IEC 60352-7:2024 en
Solderless connections – Part 7: Spring clamp connections – General requirements, test methods and practical guidance (IEC 60352-7 ED3)
Nelemljeni spojevi – 7. dio: Spojevi opružnih stezaljki – Opći zahtjevi, metode ispitivanja i praktične upute (IEC 60352-7 ED3)
- prEN IEC 60793-2-60:2024 en
Optical fibres – Part 2-60: Product specifications – Sectional specification for category C single-mode interconnection fibres (IEC 60793-2-60 ED2)

HZN/TU W1, Energetska elektrotehnika 1

- EN IEC 60350-1:2023/prA1:2024
Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance (IEC 60350-1/am1 ED3)
Kućanski električni aparati za kuhanje – 1. dio: Štednjaci, pećnice, pećnice na paru i roštilji – Metode za mjerenje radnih značajka (IEC 60350-1/am1 ED3)
- prEN IEC 60350-2:2024 en
Household electric cooking appliances – Part 2: Hobs – Methods for measuring performance (IEC 60350-2 ED3)
Kućanski električni aparati za kuhanje – 2. dio: Električna ugradbena ploča – Metode ispitivanja za mjerenje radnih značajka (IEC 60350-2 ED3)
- prEN IEC 60704-2-4:2024 en
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-4: Particular requirements for washing machines and spin extractors (IEC 60704-2-4 ED4)
- EN 62841-1:2015/prA1:2024 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 1: General requirements (EN 62841-1:2015/prA1:2024)
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – 1. dio: Opći zahtjevi (EN 62841-1:2015/prA1:2024)
- prEN IEC 63522-2:2024 en
Electrical relays – Tests and measurements – Part 2: Mechanical tests and weighing (IEC 63522-2 ED1)

1.4 Povučene hrvatske norme

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

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

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 12416-1:2008 en
Stabilni protupožarni sustavi – Sustavi za gašenje prahom – 1. dio: Zahtjevi i ispitne metode za dijelove (EN 12416-1:2001+A2:2007)
Fixed firefighting systems – Powder systems – Part 1: Requirements and test methods for components (EN 12416-1:2001+A2:2007)
- zamijenjena s: HRN EN 12416-1:2024

HZN/TO 25, *Ljevarstvo*

HRN EN 16482:2014 en
Ljevarstvo – Kontinuirano lijevane šipke iz želznoga lijeva (EN 16482:2014)
Founding – Continuous cast iron bars (EN 16482:2014)
- zamijenjena s: HRN EN 16482:2024

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 18363-3:2022 en
Životinjske i biljne masti i ulja – Određivanje kloropropanediola (MCPD) i glicidola vezanih na masne kiseline pomoću GC/MS-a – 3. dio: Metoda na temelju transesterifikacije kiselinama i mjerenja 2-MCPD, 3-MCPD i glicidola (ISO 18363-3:2017; EN ISO 18363-3:2021)
Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 3: Method using acid transesterification and measurement for 2-MCPD, 3-MCPD and glycidol (ISO 18363-3:2017; EN ISO 18363-3:2021)
- zamijenjena s: HRN EN ISO 18363-3:2024

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 13585:2013 en
Tvrdo lemljenje – Provjera osposobljenosti lemitelja i rukovatelja lemljenjem (ISO 13585:2012; EN ISO 13585:2012)
Brazing – Qualification test of brazers and brazing operators (ISO 13585:2012; EN ISO 13585:2012)
- zamijenjena s: HRN EN ISO 13585:2024

HRN EN 15520:2008 en
Toplinsko naštrcavanje – Preporuke za konstrukcijsko oblikovanje sastavnica s toplinski naštrcanim prevlakama (EN 15520:2007)
Thermal spraying – Recommendations for constructional design of components with thermally sprayed coatings (EN 15520:2007)
- zamijenjena s: HRN EN 15520:2024

HRN EN ISO 18276:2017 en
Dodatni i potrošni materijali za zavarivanje – Žice punjene praškom za elektrodučno zavarivanje sa zaštitnim plinom i bez zaštitnog plina za čelike povišene čvrstoće – Razredba (ISO 18276:2017; EN ISO 18276:2017)
Welding consumables – Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high-strength steels – Classification (ISO 18276:2017; EN ISO 18276:2017)
- zamijenjena s: HRN EN ISO 18276:2024

HZN/TO 69, *Primjena statističkih metoda*

HRN ISO 5725-3:2004 en
Točnost (istinitost i preciznost) mjernih metoda i rezultata – 3. dio: Intermedijarno mjerenje preciznosti standardne mjerne metode (ISO 5725-3:1994+Cor 1:2001)
Accuracy (trueness and precision) of measurement methods and results – Part 3: Intermediate measures of the precision of a standard measurement method (ISO 5725-3:1994+Cor 1:2001)
- zamijenjena s: HRN ISO 5725-3:2024

HRN ISO 7870-2:2016 en
Kontrolni dijagrami – 2. dio: Kontrolni dijagrami prema Shewhartu (ISO 7870-2:2013)
Control charts – Part 2: Shewhart control charts (ISO 7870-2:2013)
- zamijenjena s: HRN ISO 7870-2:2024

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 5362:2019 en
Spremnik za balon za anesteziju (ISO 5362:2006; EN ISO 5362:2019)
Anaesthetic reservoir bags (ISO 5362:2006; EN ISO 5362:2019)
- zamijenjena s: HRN EN ISO 5362:2024

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN ISO 16946:2017 en
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Specifikacija za stepeničasti radni etalon (ISO 16946:2017; EN ISO 16946:2017)
Non-destructive testing – Ultrasonic testing – Specification for step wedge calibration block (ISO 16946:2017; EN ISO 16946:2017)
- zamijenjena s: HRN EN ISO 16946:2024

HRN EN ISO 18081:2016 en
Nerazorno ispitivanje – Ispitivanje akustičkom emisijom (AT) – Ispitivanje propusnosti akustičkom emisijom (ISO 18081:2016; EN ISO 18081:2016)
Non-destructive testing – Acoustic emission testing (AT) – Leak detection by means of acoustic emission (ISO 18081:2016; EN ISO 18081:2016)
- zamijenjena s: HRN EN ISO 18081:2024

HZN/TO 136, *Namještaj*

HRN EN 15187:2008 en
Namještaj – Određivanje postojanosti površina na svjetlost (EN 15187:2006)
Furniture – Assessment of the effect of light exposure (EN 15187:2006)
- zamijenjena s: HRN EN 15187:2024

HZN/TO 147, *Kvaliteta vode*

HRN EN ISO 10253:2016 en
Kvaliteta vode – Ispitivanje inhibicije rasta morskih algi Skeletonema sp. i Pheaeodactylum tricornutum (ISO 10253:2016; EN ISO 10253:2016)
Water quality – Marine algal growth inhibition test with Skeletonema sp. and Pheaeodactylum tricornutum (ISO 10253:2016; EN ISO 10253:2016)
- zamijenjena s: HRN EN ISO 10253:2024

HZN/TO 159, *Ergonomija*

HRN EN ISO 10075-2:2003 en
Ergonomska načela vezana uz mentalno opterećenje na radu – 2. dio: Načela dizajniranja (ISO 10075-2:1996; EN ISO 10075-2:2000)
Ergonomic principles related to mental work-load – Part 2: Design principles (ISO 10075-2:1996; EN ISO 10075-2:2000)
- zamijenjena s: HRN EN ISO 10075-2:2024

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

HRN EN 12159:2013 en
Građevna dizala za prijevoz osoba i materijala s okomito vođenom voznom košarom (EN 12159:2012)
Builders hoists for persons and materials with vertically guided cages (EN 12159:2012)
- zamijenjena s: HRN EN 12159:2024

HZN/TO 502, Plinski uređaji

HRN EN 15502-2-2:2014 en
Plinski kotlovi za centralno grijanje – Dio 2-2: Posebna norma za tip B1 uređaja (EN 15502-2-2:2014)
Gas-fired central heating boilers – Part 2-2: Specific standard for type B1 appliances (EN 15502-2-2:2014)
- zamijenjena s: HRN EN 15502-2-2:2024

HZN/TO 503, Metalni materijali

HRN EN 10248-2:2008 en
Toplo valjano žmurje od nelegiranih čelika – 2. dio: Dopuštena odstupanja oblika i mjera (EN 10248-2:1995)
Hot rolled sheet piling of non alloy steels – Part 2: Tolerances on shape and dimensions (EN 10248-2:1995)
- zamijenjena s: HRN EN 10248-2:2024

HRN EN 10249-2:2008 en
Hladno oblikovano žmurje od nelegiranih čelika – 2. dio: Dopuštena odstupanja oblika i mjera (EN 10249-2:1995)
Cold formed sheet piling of non alloy steels – Part 2: Tolerances on shape and dimensions (EN 10249-2:1995)
- zamijenjena s: HRN EN 10249-2:2024

HRN EN ISO 10714:2003 en
Čelik i željezo – Određivanje sadržaja fosfora – Fosfovanadijmolibdatna spektrofotometrijska metoda (ISO 10714:1992; EN ISO 10714:2002)
Steel and iron – Determination of phosphorus content – Phosphovanadomolybdate spectrophotometric method (ISO 10714:1992; EN ISO 10714:2002)
- zamijenjena s: HRN EN ISO 10714:2024

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 9717:2017 en
Metalne i druge anorganske prevlake – Fosfatne konverzijske prevlake na metalima (ISO 9717:2017; EN ISO 9717:2017)
Metallic and other inorganic coatings – Phosphate conversion coating of metals (ISO 9717:2017; EN ISO 9717:2017)
- zamijenjena s: HRN EN ISO 9717:2024

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN/TS 16986:2016 en
Elektronička naplata – Interoperabilni aplikacijski profil za razmjenu podataka između pružanja usluge i naplate cestarine (CEN/TS 16986:2016)
Electronic Fee Collection – Interoperable application profiles for information exchange between Service Provision and Toll Charging (CEN/TS 16986:2016)
- zamijenjena s: HRN EN 16986:2024

HRS CEN/TS 16986:2016/Ispr.1:2017 en
Elektronička naplata – Interoperabilni aplikacijski profil za razmjenu podataka između pružanja usluge i naplate cestarine (CEN/TS 16986:2016/AC:2017)
Electronic Fee Collection – Interoperable application profiles for information exchange between Service Provision and Toll Charging (CEN/TS 16986:2016/AC:2017)
- zamijenjena s: HRN EN 16986:2024

HRS CEN ISO/TS 19321:2020 en
Inteligentni transportni sustavi – Kooperativni ITS – Rječnik podatkovnih struktura informacija u vozilu (IVI) (ISO/TS 19321:2020; CEN ISO/TS 19321:2020)
Intelligent transport systems – Cooperative ITS – Dictionary of in-vehicle information (IVI) data structures (ISO/TS 19321:2020; CEN ISO/TS 19321:2020)
- zamijenjena s: HRS CEN ISO/TS 19321:2024

HZN/TO 528, Oprema za željeznice

HRN EN 15877-1:2018 en
Željeznički sustav – Oznake na željezničkim vozilima – 1. dio: Teretni vagoni (EN 15877-1:2012+A1:2018)
Railway applications – Marking on railway vehicles – Part 1: Freight wagons (EN 15877-1:2012+A1:2018)
- zamijenjena s: HRN EN 15877-1:2024

HRN EN 16186-8:2022 en
Željeznički sustav – Upravljačnica – 8. dio: Raspored i dostupnost tramvajske upravljačnice (EN 16186-8:2022)
Railway applications – Driver's cab – Part 8: Tram vehicle layout and access (EN 16186-8:2022)
- zamijenjena s: HRN EN 16186-8:2024

HZN/TO 529, Dizalice i prenosila neprekidne dobave

HRN EN 12077-2:2008 en
Sigurnost granika – Zahtjevi za zdravlje i sigurnost – 2. dio: Graničnici i pokazni uređaji (EN 12077-2:1998+A1:2008)
Cranes safety – Requirements for health and safety – Part 2: Limiting and indicating devices (EN 12077-2:1998+A1:2008)
- zamijenjena s: HRN EN 12077-2:2024

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

HRN EN ISO 29464:2021 en
Pročišćavanje zraka i drugih plinova – Nazivlje (ISO 29464:2017; EN ISO 29464:2019)
Cleaning of air and other gases – Terminology (ISO 29464:2017; EN ISO 29464:2019)
- zamijenjena s: HRN EN ISO 29464:2024

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

HRN EN 915:2009 en
Gimnastička oprema – Dvovisinske ruče – Zahtjevi i metode ispitivanja uključujući sigurnost (EN 915:2008)
Gymnastic equipment – Asymmetric bars – Requirements and test methods including safety (EN 915:2008)
- zamijenjena s: HRN EN 915:2024

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

HRN EN ISO 24342:2019 en
Elastične i tekstilne podne obloge – Određivanje duljine strana, ravnoće rubova i pravokutnosti ploča (ISO 24342:2018; EN ISO 24342:2018)
Resilient and textile floor-coverings – Determination of side length, edge straightness and squareness of tiles (ISO 24342:2018; EN ISO 24342:2018)
- zamijenjena s: HRN EN ISO 24342:2024

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

HRN EN ISO 1514:2016 en
Boje i lakovi – Standardne pločice za ispitivanje (ISO 1514:2016; EN ISO 1514:2016)
Paints and varnishes – Standard panels for testing (ISO 1514:2016; EN ISO 1514:2016)
- zamijenjena s: HRN EN ISO 1514:2024

HRN EN ISO 2884-2:2008 en
Boje i lakovi – Određivanje viskoznosti rotacijskim viskozimetrom – 2. dio: Viskozimetar s diskom ili kuglom koji rade određenom brzinom (ISO 2884-2:2003; EN ISO 2884-2:2006)
Paints and varnishes – Determination of viscosity using rotary viscometers – Part 2: Disc or ball viscometer operated at a specified speed (ISO 2884-2:2003; EN ISO 2884-2:2006)
- zamijenjena s: HRN EN ISO 2884-2:2024

HRN EN 13991:2008 en
Derivati dobiveni pirolizom ugljena – Ulja bazirana na katranu kamenog ugljena: kreozotno ulje – Specifikacije i metode ispitivanja (EN 13991:2003)
Derivatives from coal pyrolysis – Coal tar based oils: Creosotes – Specifications and test methods (EN 13991:2003)
- zamijenjena s: HRN EN 13991:2024

HRN EN 17399:2020 en
Alge i proizvodi na bazi algi – Nazivi i definicije (EN 17399:2020)
Algae and algae products – Terms and definitions (EN 17399:2020)
- zamijenjena s: HRN EN 17399:2024

HZN/TU I1, Strojarstvo 1

HRN EN ISO/ASTM 52904:2020 en
Aditivna proizvodnja – Procesne karakteristike i zahtjevi – Praksa za proces stapanja praškastih slojeva metala koja ispunjava zahtjeve kritičnih primjena (ISO/ASTM 52904:2019; EN ISO/ASTM 52904:2020)
Additive manufacturing – Process characteristics and performance – Practice for metal powder bed fusion process to meet critical applications (ISO/ASTM 52904:2019; EN ISO/ASTM 52904:2020)
- zamijenjena s: HRN EN ISO/ASTM 52904:2024

HZN/TU I2, Strojstvo 2

HRN EN 13814-1:2019 en
Sigurnost vožnje i uređaja u zabavnim parkovima – 1. dio: Projektiranje i izrada (EN 13814-1:2019)
Safety of amusement rides and amusement devices – Part 1: Design and manufacture (EN 13814-1:2019)
- zamijenjena s: HRN EN 13814-1:2024

HRN EN 13814-2:2019 en
Sigurnost vožnje i uređaja u zabavnim parkovima – 2. dio: Rukovanje, održavanje i upotreba (EN 13814-2:2019)
Safety of amusement rides and amusement devices – Part 2: Operation, maintenance and use (EN 13814-2:2019)
- zamijenjena s: HRN EN 13814-2:2024

HRN EN 13814-3:2019 en
Sigurnost vožnje i uređaja u zabavnim parkovima – 3. dio: Zahtjevi za inspekciju tijekom projektiranja, izrade, rukovanja i upotrebe (EN 13814-3:2019)
Safety of amusement rides and amusement devices – Part 3: Requirements for inspection during design, manufacture, operation and use (EN 13814-3:2019)
- zamijenjena s: HRN EN 13814-3:2024

HRN EN ISO 14146:2021 en
Radiološka zaštita – Kriteriji i ograničenja izvedbe za periodično ocjenjivanje dozimetrijskih usluga (ISO 14146:2018; EN ISO 14146:2021)
Radiological protection – Criteria and performance limits for the periodic evaluation of dosimetry services (ISO 14146:2018; EN ISO 14146:2021)
- zamijenjena s: HRN EN ISO 14146:2024

HRN EN ISO 18589-2:2017 en
Mjerenje radioaktivnosti u okolišu – Tlo – 2. dio: Smjernice za odabir strategije uzorkovanja, uzorkovanje i prethodna obrada uzoraka (ISO 18589-2:2015; EN ISO 18589-2:2017)
Measurement of radioactivity in the environment – Soil – Part 2: Guidance for the selection of the sampling strategy, sampling and pre-treatment of samples (ISO 18589-2:2015; EN ISO 18589-2:2017)
- zamijenjena s: HRN EN ISO 18589-2:2024

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

HRN EN ISO 15098:2020 en
Stomatologija – Stomatološke pincete (ISO 15098:2020; EN ISO 15098:2020)
Dentistry – Dental tweezers (ISO 15098:2020; EN ISO 15098:2020)
- zamijenjena s: HRN EN ISO 15098:2024

HRN EN ISO 21535:2011 en
Neaktivni kirurški implantati – Implantati za zamjenu zgloba – Posebni zahtjevi za implantate za zamjenu kuka (ISO 21535:2007; EN ISO 21535:2009)
Non-active surgical implants – Joint replacement implants – Specific requirements for hip-joint replacement implants (ISO 21535:2007; EN ISO 21535:2009)
- zamijenjena s: HRN EN ISO 21535:2024

HRN EN ISO 21535:2011/A1:2016 en
Neaktivni kirurški implantati – Implantati za zamjenu zgloba – Posebni zahtjevi za implantate za zamjenu kuka (ISO 21535:2007/Amd 1:2016; EN ISO 21535:2009/A1:2016)
Non-active surgical implants – Joint replacement implants – Specific requirements for hip-joint replacement implants (ISO 21535:2007/Amd 1:2016; EN ISO 21535:2009/A1:2016)
- zamijenjena s: HRN EN ISO 21535:2024

HRN EN ISO 21536:2011 en
Neaktivni kirurški implantati – Implantati za zamjenu zgloba – Posebni zahtjevi za implantate za zamjenu zgloba koljena (ISO 21536:2007; EN ISO 21536:2009)
Non-active surgical implants – Joint replacement implants – Specific requirements for knee-joint replacement implants (ISO 21536:2007; EN ISO 21536:2009)
- zamijenjena s: HRN EN ISO 21536:2024

HRN EN ISO 23500-2:2019 en
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 2. dio: Uređaji za obradu vode za potrebe hemodijalize i srodnih terapija (ISO 23500-2:2019; EN ISO 23500-2:2019)
Preparation and quality management of fluids for haemodialysis and related therapies – Part 2: Water treatment equipment for haemodialysis applications and related therapies (ISO 23500-2:2019; EN ISO 23500-2:2019)
- zamijenjena s: HRN EN ISO 23500-2:2024

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

HRN EN 2884:2008 en
Nizovi o zrakoplovstvu – Vijci, s ravnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, kratki navoj, od legure titana, anodizirani, podmazani s MoS2 – Klasifikacija: 1100 MPa (pri temperaturi okoline)/315 °C (EN 2884:1996)
Aerospace series – Screws, pan head, offset cruciform recess, coarse tolerance normal shank, short thread, in titanium alloy, anodized, MoS2 lubricated – Classification: 1100 MPa (at ambient temperature)/315 °C (EN 2884:1996)
- zamijenjena s: HRN EN 2884:2024

HRN EN 2997-012:2011 en
Nizovi o zrakoplovstvu – Spojnice, električne, kružne, opremljene s navojnim prstenom, otporne na vatru ili neotporne na vatru, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – 012. dio: Kontra matica za utičnice s kontra maticom – Norma za proizvod (EN 2997-012:2009)
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 012: Jam-nut for jam-nut receptacles – Product standard (EN 2997-012:2009)
- zamijenjena s: HRN EN 2997-012:2024

HRN EN 4013:2008 en
Nizovi o zrakoplovstvu – Držač matica, samozatvarajući, legura na bazi nikla otporna na toplinu NI-PH2601 (Inconel 718), prevučen srebrom – Klasifikacija: 1550 MPa (pri temperaturi okoline)/600 °C (EN 4013:2004)
Aerospace series – Shank nuts, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated – Classification: 1550 MPa (at ambient temperature)/600 °C (EN 4013:2004)
- zamijenjena s: HRN EN 4013:2024

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

- **umjesto**

HRN EN ISO 19905-1:2023

Industrije nafte i plina uključujući energiju s niskim udjelom ugljika – Procjena pokretnih odobalnih jedinica s obzirom na njihovu lokaciju – 1. dio: Samopodizne platforme koje se podižu na lokaciji (ISO 19905-1:2023; EN ISO 19905-1:2023)
Oil and gas industries including lower carbon energy – Site-specific assessment of mobile offshore units – Part 1: Jack-ups: elevated at a site (ISO 19905-1:2023; EN ISO 19905-1:2023)

- **treba biti**

HRN EN ISO 19905-1:2023

Industrije nafte i plina uključujući energiju s niskim udjelom ugljika – Procjena pokretnih odobalnih jedinica s obzirom na njihovu lokaciju – 1. dio: Samopodizne platforme koje se podižu na lokaciji (ISO 19905-1:2023, **ispravljena verzija 2024-07**; EN ISO 19905-1:2023)
Oil and gas industries including lower carbon energy – Site-specific assessment of mobile offshore units – Part 1: Jack-ups: elevated at a site (ISO 19905-1:2023, **Corrected version 2024-07**, EN ISO 19905-1:2023)

2 Rezultati medunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 352-2+A1	Hearing protectors – General requirements – Part 2: Earplugs	13.340.20	lipanj 2024.
EN 958	Mountaineering equipment – Energy absorbing systems for use in klettersteig (via ferrata) climbing – Safety requirements and test methods	97.220.40	lipanj 2024.
EN 1865-2	Patient handling equipment used in ambulances – Part 2: Power assisted stretcher	11.160	lipanj 2024.
EN 3672	Aerospace series – Shank nut, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated, for 30° swage – Classification: 1210 MPa (at ambient temperature)/730 °C	49.030.30	lipanj 2024.
EN 3745-801	Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 801: Fibre movement under compression	49.090	lipanj 2024.
EN 4530-002	Aerospace series – Sealing sleeves used in elements of connection – Part 002: List and utilization of sealing sleeves	49.060	lipanj 2024.
EN 10178	Steels – Determination of niobium – Spectrophotometric method	77.040.30	lipanj 2024.
EN 10179	Steels – Determination of nitrogen (trace amounts) – Spectrophotometric method	77.040.30	lipanj 2024.
EN 10188	Steels and cast irons – Determination of chromium content – Flame atomic absorption spectrometric method (FAAS)	77.040.30	lipanj 2024.
EN 12352	Traffic control equipment – Warning and safety light devices	93.080.30	lipanj 2024.
EN 12662-1	Liquid petroleum products – Determination of total contamination – Part 1: Middle distillates and diesel fuels	75.160.20; 75.160.40	lipanj 2024.
EN 12662-2	Liquid petroleum products – Determination of total contamination – Part 2: Fatty acid methyl esters	75.160.20; 75.160.40	lipanj 2024.
EN 13016-1	Liquid petroleum products – Vapour pressure – Part 1: Determination of air saturated vapour pressure (ASVP) and calculated dry vapour pressure equivalent (DVPE)	75.160.20	lipanj 2024.
EN 13819-1+A1	Hearing protectors – Testing – Part 1: Physical test methods	13.340.20	lipanj 2024.
EN 14717	Welding and allied processes – Environmental check list	13.020.01; 25.160.01	lipanj 2024.
CEN/TS 15531-6	Public transport – Service interface for real-time information relating to public transport operations – Part 6: Functional service interfaces: Control Actions	35.240.60	lipanj 2024.
EN 16116-2	Railway applications – Design requirements for steps, handrails and associated access for staff – Part 2: Freight wagons	45.060.20	lipanj 2024.
CEN/TS 16614-6	Public transport – Network and timetable exchange (NeTEx) – Part 6: European Passenger Information Accessibility Profile	35.240.60	lipanj 2024.
EN 16976	Ambient air – Determination of the particle number concentration of atmospheric aerosol	13.040.20	lipanj 2024.
EN 17892	Water quality – Determination of selected per- and polyfluoroalkyl substances in drinking water – Method using liquid chromatography/tandem-mass spectrometry (LC-MS/MS)	13.060.50	lipanj 2024.
EN 17893	Thermal road vehicles – Temperature-controlled systems using flammable refrigerants for transport of goods – Requirements and risk analysis process	27.200; 43.080.10; 71.100.45	lipanj 2024.
EN 17932	Natural gas vehicles – Requirements for liquefied natural gas vehicle (LNGV) workshops and the management of liquefied natural gas (LNG) vehicles	43.020; 43.180; 75.200	lipanj 2024.
CEN/TS 17951	Lighting Applications – Adaptive Emergency Escape Lighting Systems	01.080.10; 91.160.10	lipanj 2024.
EN 17952	Value Management – Function Analysis: Basic characteristics, requirements and guidance for implementation	03.100.40	lipanj 2024.
EN 17956	Energy efficiency classes for technical insulation systems – Calculation method and applications	91.120.10	lipanj 2024.
EN 17970	Ductile iron pipes – Push-in joints for ductile iron pipe systems – Resistance against root penetration – Requirements and test methods	23.040.10	lipanj 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17971	Devices for in-situ generation of biocides – Ozone	13.060.20	lipanj 2024.
CEN/TR 18076	Ambient air – Equivalence of automatic measurements of elemental carbon (EC) and organic carbon (OC) in PM	13.040.20	lipanj 2024.
EN 50214	Flat flexible cables	29.035.20; 29.060.20	lipanj 2024.
EN IEC 60136	Dimensions, marking and testing of carbon brushes and dimensions of brush-holders for electrical machinery (IEC 60136:2024)	29.100.20; 29.160.10	lipanj 2024.
EN IEC 60598-2-20	Luminaires – Part 2-20: Particular requirements – Lighting chains (IEC 60598-2-20:2022)	29.140.40	lipanj 2024.
EN IEC 60598-2-20/A11	Luminaires – Part 2-20: Particular requirements – Lighting chains	29.140.40	lipanj 2024.
EN IEC 60721-3-2/AC	Classification of environmental conditions – Part 3-2: Classification of groups of environmental parameters and their severities – Transportation and handling (IEC 60721-3-2:2018/COR3:2024)	19.040	lipanj 2024.
EN IEC 60794-1-101	Optical fibre cables – Part 1-101: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Tensile, method E1 (IEC 60794-1-101:2024)	33.180.10	lipanj 2024.
EN IEC 60794-1-104	Optical fibre cables – Part 1-104: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Impact, method E4 (IEC 60794-1-104:2024)	33.180.10	lipanj 2024.
EN IEC 60794-1-213	Optical fibre cables – Part 1-213: Generic specification – Basic optical cable test procedures – Environmental test methods – Microduct pressure withstand, method F13 (IEC 60794-1-213:2024)	33.180.10	lipanj 2024.
EN IEC 61280-4-2	Fibre-optic communication subsystem test procedures – Part 4-2: Installed cabling plant – Single-mode attenuation and optical return loss measurements (IEC 61280-4-2:2024)	33.180.01	lipanj 2024.
EN IEC 61300-2-27	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-27: Tests – Dust (laminar flow) (IEC 61300-2-27:2024)	33.180.20	lipanj 2024.
EN IEC 61340-5-1	Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements (IEC 61340-5-1:2024)	17.220.20; 17.220.99; 29.020; 31.020	lipanj 2024.
EN IEC 61347-2-1	Controlgear for electric light sources – Safety – Part 2-1: Particular requirements – Starting devices (other than glow starters) (IEC 61347-2-1:2024)	29.140.99	lipanj 2024.
EN IEC 61406-2	Identification link – Part 2: Types/models, lots/batches, items and characteristics (IEC 61406-2:2024)	35.040.50; 35.240.15	lipanj 2024.
EN IEC 61754-13	Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 13: Type FC-PC connector family (IEC 61754-13:2024)	33.180.20	lipanj 2024.
EN IEC 61788-23	Superconductivity – Part 23: Residual resistance ratio measurement – Residual resistance ratio of cavity-grade Nb superconductors (IEC 61788-23:2024)	29.050	lipanj 2024.
EN IEC 61954/AC	Static VAR compensators (SVC) – Testing of thyristor valves (IEC 61954:2021/COR1:2024)	29.240.99; 31.080.20	lipanj 2024.
EN IEC 62061/A1	Safety of machinery – Functional safety of safety-related control systems (IEC 62061:2021/AMD1:2024)	13.110; 25.040.40; 25.040.99; 29.020	lipanj 2024.
EN IEC 62153-4-15/A1	Metallic cables and other passive components test methods – Part 4-15: Electromagnetic compatibility (EMC) related test method for measuring transfer impedance and screening attenuation or coupling attenuation with triaxial cell (IEC 62153-4-15:2021/AMD1:2024)	33.100.10; 33.120.10	lipanj 2024.
CLC IEC/TS 62443-1-5	Security for industrial automation and control systems – Part 1-5: Scheme for IEC 62443 security profiles (IEC/TS 62443-1-5:2023)	25.040.40; 35.030; 35.240.50	lipanj 2024.
EN IEC 62676-2-11	Video Surveillance Systems (VSS) for use in security applications – Part 2-11: Video transmission protocols – Interop profiles for VMS and cloud VSaaS systems for safe cities and law enforcement (IEC 62676-2-11:2024)	13.310; 13.320; 33.160.99	lipanj 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62896	Hybrid insulators for AC and DC for high-voltage applications greater than 1000 V AC and 1500 V DC – Definitions, test methods and acceptance criteria (IEC 62896:2024)	29.080.10	lipanj 2024.
EN IEC 62933-1	Electrical energy storage (EES) systems – Part 1: Vocabulary (IEC 62933-1:2024)	01.040.17; 01.040.27; 27.010	lipanj 2024.
EN IEC 63093-13/AC	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 13: PQ-cores (IEC 63093-13:2019/COR1:2024)	29.100.10	lipanj 2024.
EN IEC 63281-3-2	E-Transporters – Part 3-2: Performance test methods for mobility of cargo e-Transporters (IEC 63281-3-2:2024)	43.120	lipanj 2024.
EN ISO 4080	Rubber and plastics hoses and tubing, and their assemblies – Determination of permeability to gas (ISO 4080:2024)	23.040.70	lipanj 2024.
EN ISO 4766	Fasteners – Slotted set screws with flat point (ISO 4766:2024)	21.060.10	lipanj 2024.
EN ISO 5114-1	Acoustics – Determination of uncertainties associated with sound emission measures – Part 1: Sound power levels determined from sound pressure measurements (ISO 5114-1:2024)	17.140.01	lipanj 2024.
CEN ISO/TR 5601	Paints and varnishes – Determination of volatile organic compound (VOC) and/or semi-volatile organic compound (SVOC) content – Best practices for the selection of test methods (ISO/TR 5601:2023)	87.040	lipanj 2024.
EN ISO 6134	Rubber hoses and hose assemblies for saturated steam – Specification (ISO 6134:2024)	23.040.70	lipanj 2024.
EN ISO 6923	Paints and varnishes – Determination of monomeric diisocyanate content in coating materials and similar products using high performance liquid chromatography with ultraviolet detection (HPLC-UV) (ISO 6923:2023)	87.040	lipanj 2024.
EN ISO 7434	Fasteners – Slotted set screws with cone point (ISO 7434:2024)	21.060.10	lipanj 2024.
EN ISO 7435	Fasteners – Slotted set screws with dog point (ISO 7435:2024)	21.060.10	lipanj 2024.
EN ISO 7436	Fasteners – Slotted set screws with cup point (ISO 7436:2024)	21.060.10	lipanj 2024.
EN ISO/IEC 8183	Information technology – Artificial intelligence – Data life cycle framework (ISO/IEC 8183:2023)	35.020	lipanj 2024.
EN ISO 8665-2	Small craft – Power measurements and declarations – Part 2: Electric marine propulsion (ISO 8665-2:2024)	47.080	lipanj 2024.
EN ISO 8840	Refractory materials – Determination of bulk density of granular materials (grain density) (ISO 8840:2021)	81.080	lipanj 2024.
EN ISO 9227/A1	Corrosion tests in artificial atmospheres – Salt spray tests – Amendment 1: Footnote of warning (ISO 9227:2022/Amd 1:2024)	77.060	lipanj 2024.
EN ISO 10062/A1	Corrosion tests in artificial atmosphere at very low concentrations of polluting gas(es) – Amendment 1: Footnote of warning (ISO 10062:2022/Amd 1:2024)	77.060	lipanj 2024.
EN ISO/CIE 11664-5	Colorimetry – Part 5: CIE 1976 L*u*v*colour space and u', v' uniform chromaticity scale diagram (ISO/CIE 11664-5:2024)	17.180.20	lipanj 2024.
EN ISO 12625-5	Tissue paper and tissue products – Part 5: Determination of wet tensile strength (ISO 12625-5:2024)	85.080.20	lipanj 2024.
EN ISO 13506-1	Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin (ISO 13506-1:2024)	13.340.10	lipanj 2024.
EN ISO 13506-2	Protective clothing against heat and flame – Part 2: Skin burn injury prediction – Calculation requirements and test cases (ISO 13506-2:2024)	13.340.10	lipanj 2024.
EN ISO 15544	Oil and gas industries – Offshore production installations – Requirements and guidelines for emergency response (ISO 15544:2024)	75.180.10	lipanj 2024.
EN ISO 16946	Non-destructive testing – Ultrasonic testing – Specification for step wedge standard block (ISO 16946:2024)	19.100	lipanj 2024.
EN ISO/IEC 17043/A11	Conformity assessment – General requirements for the competence of proficiency testing providers	03.120.20	lipanj 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 17099	Radiological protection – Performance criteria for laboratories using the cytokinesis-block micronucleus (CBMN) assay in peripheral blood lymphocytes for biological dosimetry (ISO 17099:2024)	13.280	lipanj 2024.
EN ISO 17491-4	Protective clothing – Test methods for clothing providing protection against chemicals – Part 4: Determination of resistance to penetration by spray of liquid (spray test) (ISO 17491-4:2024)	13.340.10	lipanj 2024.
EN ISO 17827-1	Solid biofuels – Determination of particle size distribution for uncompressed fuels – Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2024)	27.190; 75.160.40	lipanj 2024.
EN ISO 17827-2	Solid biofuels – Determination of particle size distribution for uncompressed fuels – Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2024)	27.190; 75.160.40	lipanj 2024.
EN ISO 17830	Solid biofuels – Particle size distribution of disintegrated pellets (ISO 17830:2024)	27.190; 75.160.40	lipanj 2024.
EN ISO 18113-1	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 1: Terms, definitions, and general requirements (ISO 18113-1:2022)	11.100.10	lipanj 2024.
EN ISO 18113-2	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 2: In vitro diagnostic reagents for professional use (ISO 18113-2:2022)	11.100.10	lipanj 2024.
EN ISO 18113-3	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 3: In vitro diagnostic instruments for professional use (ISO 18113-3:2022)	11.100.10	lipanj 2024.
EN ISO 18113-4	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 4: In vitro diagnostic reagents for self-testing (ISO 18113-4:2022)	11.100.10	lipanj 2024.
EN ISO 18113-5	In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 5: In vitro diagnostic instruments for self-testing (ISO 18113-5:2022)	11.100.10	lipanj 2024.
EN ISO 18119/A2	Gas cylinders – Seamless steel and seamless aluminium-alloy gas cylinders and tubes – Periodic inspection and testing – Amendment 2 (ISO 18119:2018/Amd 2:2024)	23.020.35	lipanj 2024.
EN ISO 21068-2	Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 2: Determination of volatile components, total carbon, free carbon, silicon carbide, total and free silicon, free and surface silica (ISO 21068-2:2024)	81.080	lipanj 2024.
EN ISO 21068-3	Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 3: Determination of nitrogen, oxygen and metallic and oxidic constituents (ISO 21068-3:2024)	81.080	lipanj 2024.
EN ISO 21068-4	Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 4: XRD methods (ISO 21068-4:2024)	81.080	lipanj 2024.
EN ISO 26101-2	Acoustics – Test methods for the qualification of the acoustic environment – Part 2: Determination of the environmental correction (ISO 26101-2:2024)	17.140.01	lipanj 2024.

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50214	Flat flexible cables	29.035.20; 29.060.20	lipanj 2024.
EN IEC 60136	Dimensions, marking and testing of carbon brushes and dimensions of brush-holders for electrical machinery (IEC 60136:2024)	29.100.20; 29.160.10	lipanj 2024.
EN IEC 60598-2-20	Luminaires – Part 2-20: Particular requirements – Lighting chains (IEC 60598-2-20:2022)	29.140.40	lipanj 2024.
EN IEC 60598-2-20/A11	Luminaires – Part 2-20: Particular requirements – Lighting chains	29.140.40	lipanj 2024.
EN IEC 60721-3-2/AC	Classification of environmental conditions – Part 3-2: Classification of groups of environmental parameters and their severities – Transportation and handling (IEC 60721-3-2:2018/COR3:2024)	19.040	lipanj 2024.
EN IEC 60794-1-101	Optical fibre cables – Part 1-101: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Tensile, method E1 (IEC 60794-1-101:2024)	33.180.10	lipanj 2024.
EN IEC 60794-1-104	Optical fibre cables – Part 1-104: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Impact, method E4 (IEC 60794-1-104:2024)	33.180.10	lipanj 2024.
EN IEC 60794-1-213	Optical fibre cables – Part 1-213: Generic specification – Basic optical cable test procedures – Environmental test methods – Microduct pressure withstand, method F13 (IEC 60794-1-213:2024)	33.180.10	lipanj 2024.
EN IEC 61280-4-2	Fibre-optic communication subsystem test procedures – Part 4-2: Installed cabling plant – Single-mode attenuation and optical return loss measurements (IEC 61280-4-2:2024)	33.180.01	lipanj 2024.
EN IEC 61300-2-27	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-27: Tests – Dust (laminar flow) (IEC 61300-2-27:2024)	33.180.20	lipanj 2024.
EN IEC 61340-5-1	Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements (IEC 61340-5-1:2024)	17.220.20; 17.220.99; 29.020; 31.020	lipanj 2024.
EN IEC 61347-2-1	Controlgear for electric light sources – Safety – Part 2-1: Particular requirements – Starting devices (other than glow starters) (IEC 61347-2-1:2024)	29.140.99	lipanj 2024.
EN IEC 61406-2	Identification link – Part 2: Types/models, lots/batches, items and characteristics (IEC 61406-2:2024)	35.040.50; 35.240.15	lipanj 2024.
EN IEC 61754-13	Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 13: Type FC-PC connector family (IEC 61754-13:2024)	33.180.20	lipanj 2024.
EN IEC 61788-23	Superconductivity – Part 23: Residual resistance ratio measurement – Residual resistance ratio of cavity-grade Nb superconductors (IEC 61788-23:2024)	29.050	lipanj 2024.
EN IEC 61954/AC	Static VAR compensators (SVC) – Testing of thyristor valves (IEC 61954:2021/COR1:2024)	29.240.99; 31.080.20	lipanj 2024.
EN IEC 62061/A1	Safety of machinery – Functional safety of safety-related control systems (IEC 62061:2021/AMD1:2024)	13.110; 25.040.40; 25.040.99; 29.020	lipanj 2024.
EN IEC 62153-4-15/A1	Metallic cables and other passive components test methods – Part 4-15: Electromagnetic compatibility (EMC) related test method for measuring transfer impedance and screening attenuation or coupling attenuation with triaxial cell (IEC 62153-4-15:2021/AMD1:2024)	33.100.10; 33.120.10	lipanj 2024.
CLC IEC/TS 62443-1-5	Security for industrial automation and control systems – Part 1-5: Scheme for IEC 62443 security profiles (IEC/TS 62443-1-5:2023)	25.040.40; 35.030; 35.240.50	lipanj 2024.
EN IEC 62676-2-11	Video Surveillance Systems (VSS) for use in security applications – Part 2-11: Video transmission protocols – Interop profiles for VMS and cloud VSaaS systems for safe cities and law enforcement (IEC 62676-2-11:2024)	13.310; 13.320; 33.160.99	lipanj 2024.
EN IEC 62896	Hybrid insulators for AC and DC for high-voltage applications greater than 1000 V AC and 1500 V DC – Definitions, test methods and acceptance criteria (IEC 62896:2024)	29.080.10	lipanj 2024.
EN IEC 62933-1	Electrical energy storage (EES) systems – Part 1: Vocabulary (IEC 62933-1:2024)	01.040.17; 01.040.27; 27.010	lipanj 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 63093-13/AC	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 13: PQ-cores (IEC 63093-13:2019/COR1:2024)	29.100.10	lipanj 2024.
EN IEC 63281-3-2	E-Transporters – Part 3-2: Performance test methods for mobility of cargo e-Transporters (IEC 63281-3-2:2024)	43.120	lipanj 2024.
EN ISO/IEC 8183	Information technology – Artificial intelligence – Data life cycle framework (ISO/IEC 8183:2023)	35.020	lipanj 2024.
EN ISO/IEC 17043/A11	Conformity assessment – General requirements for the competence of proficiency testing providers	03.120.20	lipanj 2024.

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 100392-19-1 V 1.1.1	Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 19: Interworking between TETRA and Broadband systems Sub-part 1: Protocol specification for Interworking with 3GPP mission critical services	33.070.10	lipanj 2024.
ETSI TS 102221 V 18.2.0	Smart Cards – UICC-Terminal interface – Physical and logical characteristics (Release 18)	35.240.15	lipanj 2024.
ETSI TS 103115 V 9.5.0	Smart Cards – Test specification for UICC Application Programming Interface for Java Card for Contactless Applications – Test Environment and Annexes (Release 9)	35.240.15	lipanj 2024.
ETSI TS 103115 V 10.0.0	Smart Cards – Test specification for UICC Application Programming Interface for Java Card for Contactless Applications – Test Environment and Annexes (Release 10)	35.240.15	lipanj 2024.
ETSI TS 103357-1 V 2.1.1	Short Range Devices – Low Throughput Networks (LTN) – Protocols for radio interface A – Part 1: Lfour and DD-UNB protocol families	33.100.10	lipanj 2024.
ETSI TS 103357-2 V 2.1.1	Short Range Devices – Low Throughput Networks (LTN) – Protocols for radio interface A – Part 2: TS-UNB protocol	33.100.10	lipanj 2024.
ETSI TS 103634 V 1.5.1	Digital Enhanced Cordless Telecommunications (DECT) – Low Complexity Communication Codec plus (LC3plus)	33.070.30	lipanj 2024.
ETSI TS 103732-4 V 1.1.1	CYBER – Consumer Mobile Device – Part 4: Preloaded Applications Protection Profile Module	33.040.99; 35.030	lipanj 2024.
ETSI TS 104022 V 1.1.1	Transport and Traffic Telematics (TTT) – Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5795 MHz to 5815 MHz frequency band – performance tests	33.100.10	lipanj 2024.
ETSI TS 104043 V 11.0.0	Publicly Available Specification (PAS) – O-RAN Operations and Maintenance Interface Specification (O-RAN.WG10.O1-Interface-R003-v11.00)	33.070.01	lipanj 2024.
ETSI TR 119411-4 V 1.2.1	Electronic Signatures and Trust Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 4: Checklist supporting audit of TSP against ETSI EN 319 411-1 or ETSI EN 319 411-2	33.040.01	lipanj 2024.
ETSI TS 122022 V 18.0.1 *3GPP TS 22.022 Version 18.0.1 Release 18	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Personalisation of Mobile Equipment (ME) – Mobile functionality specification (3GPP TS 22.022 version 18.0.1 Release 18)	33.070.50	lipanj 2024.
ETSI TS 124514 V 18.0.1 *3GPP TS 24.514 Version 18.0.1 Release 18	5G – Ranging based services and sidelink positioning in 5G system (5GS) – Stage 3 (3GPP TS 24.514 version 18.0.1 Release 18)	33.070.50	lipanj 2024.
ETSI TS 124542 V 18.0.1 *3GPP TS 24.542 Version 18.0.1 Release 18	5G – Notification management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.542 version 18.0.1 Release 18)	33.070.50	lipanj 2024.
ETSI TS 126445 V 18.0.0 *3GPP TS 26.445 Version 18.0.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Codec for Enhanced Voice Services (EVS) – Detailed algorithmic description (3GPP TS 26.445 version 18.0.0 Release 18)	33.070.50	lipanj 2024.
ETSI TS 129522 V 18.5.0 *3GPP TS 29.522 Version 18.5.0 Release 18	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 18.5.0 Release 18)	33.070.99	lipanj 2024.
ETSI TS 131121 V 17.2.0 *3GPP TS 31.121 Version 17.2.0 Release 17	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 17.2.0 Release 17)	33.070.50	lipanj 2024.
ETSI TS 131124 V 17.2.0 *3GPP TS 31.124 Version 17.2.0 Release 17	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 17.2.0 Release 17)	33.070.50	lipanj 2024.
ETSI TS 134123-1 V 15.7.0 *3GPP TS 34.123-1 Version 15.7.0 Release 15	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 15.7.0 Release 15)	33.070.50	lipanj 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 134123-3 V 17.4.0 *3GPP TS 34.123-3 Version 17.4.0 Release 17	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 17.4.0 Release 17)	33.070.50	lipanj 2024.
ETSI TS 136101 V 17.13.0 *3GPP TS 36.101 Version 17.13.0 Release 17	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 17.13.0 Release 17)	33.070.50; 33.070.99	lipanj 2024.
ETSI TS 136101 V 18.5.0 *3GPP TS 36.101 Version 18.5.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 18.5.0 Release 18)	33.070.50; 33.070.99	lipanj 2024.
ETSI TS 136213 V 18.2.0 *3GPP TS 36.213 Version 18.2.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 18.2.0 Release 18)	33.070.50	lipanj 2024.
ETSI TS 136331 V 16.15.0 *3GPP TS 36.331 Version 16.15.0 Release 16	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 16.15.0 Release 16)	33.070.50	lipanj 2024.
ETSI TS 136508 V 18.4.0 *3GPP TS 36.508 Version 18.4.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 18.4.0 Release 18)	33.070.50	lipanj 2024.
ETSI TS 136521-1 V 18.4.0 *3GPP TS 36.521-1 Version 18.4.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 18.4.0 Release 18)	33.070.50	lipanj 2024.
ETSI TS 136521-3 V 18.4.0 *3GPP TS 36.521-3 Version 18.4.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 18.4.0 Release 18)	33.070.50	lipanj 2024.
ETSI TS 136523-1 V 18.4.0 *3GPP TS 36.523-1 Version 18.4.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 18.4.0 Release 18)	33.070.50	lipanj 2024.
ETSI TS 136523-3 V 18.3.0 *3GPP TS 36.523-3 Version 18.3.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 18.3.0 Release 18)	33.070.50	lipanj 2024.
ETSI TS 137571-1 V 17.4.0 *3GPP TS 37.571-1 Version 17.4.0 Release 17	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 17.4.0 Release 17)	33.070.50	lipanj 2024.
ETSI TS 138101-1 V 15.25.0 *3GPP TS 38.101-1 Version 15.25.0 Release 15	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.25.0 Release 15)	33.070.99	lipanj 2024.
ETSI TS 138101-1 V 16.19.0 *3GPP TS 38.101-1 Version 16.19.0 Release 16	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.19.0 Release 16)	33.070.99	lipanj 2024.
ETSI TS 138101-1 V 17.13.0 *3GPP TS 38.101-1 Version 17.13.0 Release 17	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 17.13.0 Release 17)	33.070.99	lipanj 2024.
ETSI TS 138101-1 V 18.5.0 *3GPP TS 38.101-1 Version 18.5.0 Release 18	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 18.5.0 Release 18)	33.070.99	lipanj 2024.
ETSI TS 138101-3 V 18.5.1 *3GPP TS 38.101-3 Version 18.5.1 Release 18	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 18.5.1 Release 18)	33.070.99	lipanj 2024.
ETSI TS 138133 V 15.25.0 *3GPP TS 38.133 Version 15.25.0 Release 15	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.25.0 Release 15)	33.070.99	lipanj 2024.
ETSI TS 138133 V 16.19.0 *3GPP TS 38.133 Version 16.19.0 Release 16	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.19.0 Release 16)	33.070.99	lipanj 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138133 V 17.13.0 *3GPP TS 38.133 Version 17.13.0 Release 17	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 17.13.0 Release 17)	33.070.99	lipanj 2024.
ETSI TS 138133 V 18.5.0 *3GPP TS 38.133 Version 18.5.0 Release 18	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 18.5.0 Release 18)	33.070.99	lipanj 2024.
ETSI TS 138423 V 15.19.1 *3GPP TS 38.423 Version 15.19.1 Release 15	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.19.1 Release 15)	33.070.99	lipanj 2024.
ETSI TS 138508-1 V 18.2.0 *3GPP TS 38.508-1 Version 18.2.0 Release 18	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Common test environment (3GPP TS 38.508-1 version 18.2.0 Release 18)	33.070.99	lipanj 2024.
ETSI TS 138521-1 V 18.2.0 *3GPP TS 38.521-1 Version 18.2.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Range 1 standalone (3GPP TS 38.521-1 version 18.2.0 Release 18)	33.070.50; 33.070.99	lipanj 2024.
ETSI TS 138521-2 V 18.2.0 *3GPP TS 38.521-2 Version 18.2.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Range 2 standalone (3GPP TS 38.521-2 version 18.2.0 Release 18)	33.070.99	lipanj 2024.
ETSI TS 138521-4 V 18.2.0 *3GPP TS 38.521-4 Version 18.2.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 18.2.0 Release 18)	33.070.99	lipanj 2024.
ETSI TS 138523-1 V 17.6.0 *3GPP TS 38.523-1 Version 17.6.0 Release 17	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Protocol (3GPP TS 38.523-1 version 17.6.0 Release 17)	33.070.99	lipanj 2024.
ETSI TS 138533 V 18.2.1 *3GPP TS 38.533 Version 18.2.1 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio Resource Management (RRM) (3GPP TS 38.533 version 18.2.1 Release 18)	33.070.50; 33.070.99	lipanj 2024.
ETSI TS 151010-1 V 13.14.0 *3GPP TS 51.010-1 Version 13.14.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station (MS) conformance specification – Part 1: Conformance specification (3GPP TS 51.010-1 version 13.14.0 Release 13)	33.070.50	lipanj 2024.
ETSI GR ENI 010 V 1.2.1	Experiential Networked Intelligence (ENI) – Evaluation of categories for AI application to Networks	35.080; 35.110	lipanj 2024.
ETSI GR ENI 017 V 2.2.1	Experiential Networked Intelligence (ENI) – Overview of Prominent Control Loop Architectures	35.080; 35.110	lipanj 2024.
ETSI GR F5G 020 V 1.1.1	Fifth Generation Fixed Network (F5G) – F5G Advanced Use Cases – Release 3	33.070.99	lipanj 2024.
ETSI GS MEC 030 V 3.3.1	Multi-access Edge Computing (MEC) – V2X Information Services API	33.070.99	lipanj 2024.
ETSI GS NFV-IFA 005 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Or-Vi reference point – Interface and Information Model Specification	33.040.40; 35.110	lipanj 2024.
ETSI GS NFV-IFA 006 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Vi-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	lipanj 2024.
ETSI GS NFV-IFA 007 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Or-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	lipanj 2024.
ETSI GS NFV-IFA 008 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Ve-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	lipanj 2024.
ETSI GS NFV-IFA 010 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Functional requirements specification	33.040.40; 35.110	lipanj 2024.
ETSI GS NFV-IFA 011 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – VNF Descriptor and Packaging Specification	33.040.40; 35.110	lipanj 2024.
ETSI GS NFV-IFA 013 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Os-Ma-nfvo reference point – Interface and Information Model Specification	33.040.40; 35.110	lipanj 2024.
ETSI GS NFV-IFA 014 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Network Service Templates Specification	33.040.40; 35.110	lipanj 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS NFV-IFA 027 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Performance Measurements Specification	35.110	lipanj 2024.
ETSI GS NFV-IFA 030 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Multiple Administrative Domain Aspect Interfaces Specification	35.110	lipanj 2024.
ETSI GS NFV-IFA 031 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Requirements and interfaces specification for management of NFV-MANO	35.110	lipanj 2024.
ETSI GS NFV-IFA 032 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Interface and Information Model Specification for Multi-Site Connectivity Services	35.110	lipanj 2024.
ETSI GS NFV-IFA 036 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Requirements for service interfaces and object model for container cluster management and orchestration specification	35.110	lipanj 2024.
ETSI GS NFV-IFA 040 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Requirements for service interfaces and object model for OS container management and orchestration specification	35.110	lipanj 2024.
ETSI GS NFV-IFA 047 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Management data analytics Service Interface and Information Model Specification	35.110	lipanj 2024.
ETSI GS NFV-IFA 049 V 5.1.1	Network Functions Virtualisation (NFV) Release 5 – Architectural Framework – VNF generic OAM functions and other PaaS Services specification	35.110	lipanj 2024.
EN 319102-1 V 1.4.1	Electronic Signatures and Trust Infrastructures (ESI) – Procedures for Creation and Validation of AdES Digital Signatures – Part 1: Creation and Validation	35.240.30	lipanj 2024.
EN 319401 V 3.1.1	Electronic Signatures and Trust Infrastructures (ESI) – General Policy Requirements for Trust Service Providers	35.240.30	lipanj 2024.

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC TR 11801-9911	Guidelines for the use of balanced single pair applications within a balanced 4 pair cabling system	35.200	lipanj 2024.
ISO 1171	Coal and coke – Determination of ash	75.160.10	lipanj 2024.
ISO 1496-1 AMD 2	Series 1 freight containers – Specification and testing – Part 1: General cargo containers for general purposes – Amendment 2	55.180.10	lipanj 2024.
ISO 2575 AMD 1	Road vehicles – Symbols for controls, indicators and tell-tales – Amendment 1	01.080.20; 43.040.30	lipanj 2024.
ISO 4080	Rubber and plastics hoses and tubing, and their assemblies – Determination of permeability to gas	23.040.70	lipanj 2024.
ISO 4766	Fasteners – Slotted set screws with flat point	21.060.10	lipanj 2024.
ISO 4954-1	Steels for cold heading and cold extruding – Technical delivery conditions – Part 1: Non-alloy and alloy steels	77.140.10; 77.140.20; 77.140.45	lipanj 2024.
ISO 4954-2	Steels for cold heading and cold extruding – Technical delivery conditions – Part 2: Stainless steels	77.140.10; 77.140.20	lipanj 2024.
ISO 5114-1	Acoustics – Determination of uncertainties associated with sound emission measures – Part 1: Sound power levels determined from sound pressure measurements	17.140.01	lipanj 2024.
ISO 5474-1	Electrically propelled road vehicles – Functional and safety requirements for power transfer between vehicle and external electric circuit – Part 1: General requirements for conductive power transfer	43.120	lipanj 2024.
ISO 5474-2	Electrically propelled road vehicles – Functional and safety requirements for power transfer between vehicle and external electric circuit – Part 2: AC power transfer	43.120	lipanj 2024.
ISO 5474-3	Electrically propelled road vehicles – Functional and safety requirements for power transfer between vehicle and external electric circuit – Part 3: DC power transfer	43.120	lipanj 2024.
ISO/TS 5777	Health informatics – The architecture of internet healthcare service network	35.240.80	lipanj 2024.
ISO 5861	Surface chemical analysis – X-ray photoelectron spectroscopy – Method of intensity calibration for quartz-crystal monochromated Al K α XPS instruments	71.040.40	lipanj 2024.
ISO/TR 6231	Health informatics – Standardizing graphical content	35.240.80	lipanj 2024.
ISO 6323-1	Workplace air – Determination of arsenic and arsenic compounds by electrothermal atomic absorption spectrometry – Part 1: Arsenic and arsenic compounds, except arsine by ET-AAS	13.040.30	lipanj 2024.
ISO 6398-1	Oil and gas industries including lower carbon energy – Submersible linear motor systems for artificial lift – Part 1: Submersible linear motor	75.180.10	lipanj 2024.
ISO 6944-1	Fire containment – Elements of building construction – Part 1: Ventilation ducts	13.220.50; 91.140.30	lipanj 2024.
ISO 7076-6	Fire protection – Foam fire extinguishing systems – Part 6: Vehicle-mounted compressed air foam systems	13.220.10	lipanj 2024.
ISO 7218	Microbiology of the food chain – General requirements and guidance for microbiological examinations	07.100.30	lipanj 2024.
ISO 7434	Fasteners – Slotted set screws with cone point	21.060.10	lipanj 2024.
ISO 7435	Fasteners – Slotted set screws with dog point	21.060.10	lipanj 2024.
ISO 7436	Fasteners – Slotted set screws with cup point	21.060.10	lipanj 2024.
ISO 7763	Testing of paper and board – Compressive strength of a sample held in S-shape	85.060	lipanj 2024.
ISO 7817-1	Building information modelling – Level of information need – Part 1: Concepts and principles	35.240.67; 91.010.01	lipanj 2024.
ISO 8000-115	Data quality – Part 115: Master data: Exchange of quality identifiers: Syntactic, semantic and resolution requirements	25.040.40	lipanj 2024.
ISO/TS 8100-22	Lifts for the transport of persons and goods – Part 22: Prerequisites for certification of lifts, model lifts, lift components and lift functions	03.120.20; 91.140.90	lipanj 2024.

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ISO/TS 8100-23	Lifts for the transport of persons and goods – Part 23: Requirements for bodies certifying lifts, model lifts, lift components and lift functions	03.120.20; 91.140.90	lipanj 2024.
ISO 8237	Optics and photonics – Optical materials and components – Specification of chalcogenide glass used in the infrared spectrum	37.020	lipanj 2024.
ISO 9111	Water reuse in urban areas – Guidelines for benefit evaluation of reclaimed water use	13.060.01	lipanj 2024.
ISO 9227 AMD 1	Corrosion tests in artificial atmospheres – Salt spray tests – Amendment 1: Footnote of Warning	77.060	lipanj 2024.
ISO 9299	Traditional Chinese medicine – Curcuma longa rhizome	11.120.10	lipanj 2024.
ISO/TS 9321	Health informatics – General requirements of multi-centre medical data collaborative analysis	35.240.80	lipanj 2024.
ISO 10009	Quality management – Guidance for quality tools and their application	03.120.10	lipanj 2024.
ISO 10062 AMD 1	Corrosion tests in artificial atmosphere at very low concentrations of polluting gas(es) – Amendment 1: Footnote of Warning	77.060	lipanj 2024.
ISO 11040-4	Prefilled syringes – Part 4: Glass barrels for injectables and sterilized subassembled syringes ready for filling	11.040.25	lipanj 2024.
ISO 11040-7	Prefilled syringes – Part 7: Packaging systems for sterilized subassembled syringes ready for filling	11.040.25	lipanj 2024.
ISO 11277 AMD 1	Soil quality – Determination of particle size distribution in mineral soil material – Method by sieving and sedimentation – Amendment 1	13.080.20	lipanj 2024.
ISO 11451-3	Road vehicles – Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 3: On-board transmitter simulation	33.100.20; 43.040.10	lipanj 2024.
ISO 11565	Road vehicles – Spark-plugs – Test methods and requirements	43.060.50	lipanj 2024.
ISO 11611	Protective clothing for use in welding and allied processes	13.340.10; 25.160.01	lipanj 2024.
ISO/CIE 11664-5	Colorimetry – Part 5: CIE 1976 L*u*v*colour space and u', v' uniform chromaticity scale diagram	17.180.20	lipanj 2024.
ISO 11890-2 AMD 1	Paints and varnishes – Determination of volatile organic compounds(VOC) and/or semi volatile organic compounds (SVOC) content – Part 2: Gas-chromatographic method – Amendment 1	87.040	lipanj 2024.
ISO 13205	Marine technology – Seawater desalination – Vocabulary	01.040.13; 13.060.01	lipanj 2024.
ISO 13373-10	Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 10: Diagnostic techniques for electrical generators with fluid-film bearings	17.160	lipanj 2024.
ISO 13426-2	Geotextiles and geotextile-related products – Strength of internal structural junctions – Part 2: Geocomposites	59.080.70	lipanj 2024.
ISO 13506-1	Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin	13.340.10	lipanj 2024.
ISO 13506-2	Protective clothing against heat and flame – Part 2: Skin burn injury prediction – Calculation requirements and test cases	13.340.10	lipanj 2024.
ISO 13623 AMD 1	Petroleum and natural gas industries – Pipeline transportation systems – Amendment 1: Complementary requirements for the transportation of fluids containing carbon dioxide or hydrogen	75.200	lipanj 2024.
ISO 14594	Microbeam analysis – Electron probe microanalysis – Guidelines for the determination of experimental parameters for wavelength dispersive spectroscopy	71.040.50	lipanj 2024.
ISO/IEC 14888-4	Information security – Digital signatures with appendix – Part 4: Stateful hash-based mechanisms	35.030	lipanj 2024.
ISO 15339-1	Graphic technology – Printing from digital data across multiple technologies – Part 1: Principles	35.240.30; 37.100.99	lipanj 2024.
ISO 15371	Ships and marine technology – Fire-extinguishing systems for protection of galley cooking equipment	13.220.10; 47.020.99	lipanj 2024.

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ISO 15544	Oil and gas industries – Offshore production installations – Requirements and guidelines for emergency response	75.180.10	lipanj 2024.
ISO 15784-2	Intelligent transport systems – Data exchange involving roadside modules communication – Part 2: Centre to field device communications using Simple Network Management Protocol (SNMP)	03.220.20; 35.240.60	lipanj 2024.
ISO 16646	Fusion installations – Criteria for the design and operation of confinement and ventilation systems of tritium fusion facilities and fusion fuel handling facilities	13.280; 27.120.20	lipanj 2024.
ISO 16946	Non-destructive testing – Ultrasonic testing – Specification for a step wedge standard block	19.100	lipanj 2024.
ISO 17099	Radiological protection – Performance criteria for laboratories using the cytokinesis-block micronucleus (CBMN) assay in peripheral blood lymphocytes for biological dosimetry	13.280	lipanj 2024.
ISO/IEC 17917	Smart cities – Guidance to establishing a decision-making framework for sharing data and information services	13.020.20; 35.240.99	lipanj 2024.
ISO 18119 AMD 2	Gas cylinders – Seamless steel and seamless aluminium-alloy gas cylinders and tubes – Periodic inspection and testing – Amendment 2	23.020.35	lipanj 2024.
ISO/IEC 18181-2	Information technology – JPEG XL image coding system – Part 2: File format	35.040.30	lipanj 2024.
ISO 18725	Tourism and related services – Yacht harbours and dry stacks – Requirements for clean harbours and active biodiversity harbours	03.080.30; 03.200.99; 13.020.20	lipanj 2024.
ISO 19983	Rubber – Determination of precision of test methods	83.060	lipanj 2024.
ISO/TS 20428	Genomics Informatics – Data elements and their metadata for describing structured clinical genomic sequence information in electronic health records	35.240.80	lipanj 2024.
ISO 20560-1	Safety information for the content of piping systems and tanks – Part 1: Piping systems	01.080.20	lipanj 2024.
ISO 20816-2 AMD 1	Mechanical vibration – Measurement and evaluation of machine vibration – Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min – Amendment 1	17.160; 27.040; 29.160.40	lipanj 2024.
ISO 21068-2	Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 2: Determination of volatile components, total carbon, free carbon, silicon carbide, total and free silicon, free and surface silica	81.080	lipanj 2024.
ISO 21068-3	Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 3: Determination of nitrogen, oxygen and metallic and oxidic constituents	81.080	lipanj 2024.
ISO 21068-4	Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 4: XRD methods	81.080	lipanj 2024.
ISO 21636-1	Language coding – A framework for language varieties – Part 1: Vocabulary	01.040.01; 01.140.20	lipanj 2024.
ISO 21636-3	Language coding – A framework for language varieties – Part 3: Application of the framework	01.140.20	lipanj 2024.
ISO/TR 21734-3	Intelligent transport systems – Performance testing for connectivity and safety functions of automated driving buses in public transport – Part 3: Service framework and use cases	03.220.20; 35.240.60	lipanj 2024.
ISO/TS 22741-2	Intelligent transport systems – Roadside modules AP-DATEX data interface – Part 2: Generalised field device basic management	03.220.20; 35.240.60	lipanj 2024.
ISO 22915-1	Industrial trucks – Verification of stability – Part 1: General	53.060	lipanj 2024.
ISO 22915-16	Industrial trucks – Verification of stability – Part 16: Pedestrian-propelled trucks	53.060	lipanj 2024.

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ISO/IEC 23078-1	Information technology – Specification of digital rights management (DRM) technology for digital publications – Part 1: Overview of copyright protection technologies in use in the publishing industry	35.240.30	lipanj 2024.
ISO/IEC 23078-2	Information technology – Specification of digital rights management (DRM) technology for digital publications – Part 2: User key-based protection	35.240.30	lipanj 2024.
ISO/IEC 23078-3	Information technology – Specification of digital rights management (DRM) technology for digital publications – Part 3: Device key-based protection	35.240.30	lipanj 2024.
ISO 23555-3	Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa – Part 3: Safety shut-off devices	23.060.40; 91.140.40	lipanj 2024.
ISO/TR 23652	Nanotechnologies – Considerations for radioisotope labelling methods of nanomaterials for performance evaluation	7.120	lipanj 2024.
ISO/TR 23689	Space environment (natural and artificial) – Space weather information for use in space systems operations	49.140	lipanj 2024.
ISO 23742	Test method for the evaluation of permeability and filtration efficiency distribution of bag filter medium	13.040.99; 91.140.30	lipanj 2024.
ISO/TS 23961-3	Traditional Chinese medicine – Vocabulary for diagnostics – Part 3: Abdomen	01.040.11; 11.040.55	lipanj 2024.
ISO 24132	Ships and marine technology – Design and testing of marine transfer arms for liquefied hydrogen	47.020.01	lipanj 2024.
ISO 24342	Resilient and textile floor coverings – Determination of side length, edge straightness and squareness of tiles and planks	97.150	lipanj 2024.
ISO 24566-2	Drinking water, wastewater and stormwater systems and services – Adaptation of water services to climate change impacts – Part 2: Stormwater services	03.080.30; 13.020.30; 13.060.01	lipanj 2024.
ISO 24605	Road vehicles – Dimethyl ether (DME) refuelling connector with pressure equalizing port	43.060.40	lipanj 2024.
ISO 24620-5	Language resource management – Controlled human communication (CHC) – Part 5: Lexico-morpho-syntactic principles and methodology for personal data recognition and protection in text	01.140.20	lipanj 2024.
ISO 24671	Road vehicles – Qualification and certification of technical personnel dealing with natural gas vehicles (NGVs)	03.100.30; 43.020	lipanj 2024.
ISO/IEC 24741	Information technology – Biometrics – Overview and application	35.240.15	lipanj 2024.
ISO/IEC 24787-1	Information technology – On-card biometric comparison – Part 1: General principles and specifications	35.240.15	lipanj 2024.
ISO/IEC 24787-2	Information technology – On-card biometric comparison – Part 2: Work-sharing mechanism	35.240.15	lipanj 2024.
ISO 26101-2	Acoustics – Test methods for the qualification of the acoustic environment – Part 2: Determination of the environmental correction	17.140.01	lipanj 2024.
ISO/IEC 27403	Cybersecurity – IoT security and privacy – Guidelines for IoT-domotics	35.030	lipanj 2024.
ISO 29842	Sensory analysis – Methodology – Balanced incomplete block designs	67.240	lipanj 2024.
ISO/IEC 30105-1	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 1: Process reference model (PRM)	35.020	lipanj 2024.
ISO/IEC 30105-2	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 2: Process assessment model (PAM)	35.020	lipanj 2024.
ISO/IEC 30105-3	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 3: Measurement framework (MF) and organization maturity model (OMM)	35.020	lipanj 2024.
ISO/IEC 30105-5	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 5: Guidance	35.020	lipanj 2024.

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ISO 32679	Non-destructive testing – Radiographic testing – Determination of the size of industrial radiographic gamma sources	19.100	lipanj 2024.
ISO 33403	Reference materials – Requirements and recommendations for use	71.040.30	lipanj 2024.
ISO 37111	Sustainable cities and communities – Urban settlements – Guidance for a flexible approach to phased implementation of ISO 37101	13.020.20	lipanj 2024.
ISO/TR 41019	Facility management's role in sustainability, resilience and adaptability	03.080.10; 13.020.20	lipanj 2024.

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 60092-353	Electrical installations in ships – Part 353: Power cables for rated voltages 1 kV and 3 kV	29.060.20; 47.020.60	lipanj 2024.
IEC/TR 60099-10	Surge arresters – Part 10: Rationale for tests specified by IEC 60099-4:2014	29.120.50; 29.240.10	lipanj 2024.
IEC 60269-2 AMD 2	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; Amendment 2	29.120.50	lipanj 2024.
IEC 60269-2 Edition 5.2	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	29.120.50	lipanj 2024.
IEC 60287-2-3	Electric cables – Calculation of the current rating – Part 2-3: Thermal resistance – Cables installed in ventilated tunnels	29.060.20; 29.240.20	lipanj 2024.
IEC 60300-1	Dependability management – Part 1: Managing dependability	03.100.40; 03.100.70; 03.120.01; 21.020; 29.020	lipanj 2024.
IEC 60317-0-9 AMD 1	Specifications for particular types of winding wires – Part 0-9: General requirements – Enamelled rectangular aluminium wire; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-0-9 Edition 1.1	Specifications for particular types of winding wires – Part 0-9: General requirements – Enamelled rectangular aluminium wire	29.060.10	lipanj 2024.
IEC 60317-1 AMD 1	Specifications for particular types of winding wires – Part 1: Polyvinyl acetal enamelled round copper wire, class 105; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-1 Edition 4.1	Specifications for particular types of winding wires – Part 1: Polyvinyl acetal enamelled round copper wire, class 105	29.060.10	lipanj 2024.
IEC 60317-2 AMD 1	Specifications for particular types of winding wires – Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-2 Edition 5.1	Specifications for particular types of winding wires – Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer	29.060.10	lipanj 2024.
IEC 60317-8 AMD 1	Specifications for particular types of winding wires – Part 8: Polyesterimide enamelled round copper wire, class 180; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-8 Edition 4.1	Specifications for particular types of winding wires – Part 8: Polyesterimide enamelled round copper wire, class 180	29.060.10	lipanj 2024.
IEC 60317-13 AMD 1	Specifications for particular types of winding wires – Part 13: Polyester or polyesterimide overcoated with polyamide-imide enamelled round copper wire, class 200; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-13 Edition 3.1	Specifications for particular types of winding wires – Part 13: Polyester or polyesterimide overcoated with polyamide-imide enamelled round copper wire, class 200	29.060.10	lipanj 2024.
IEC 60317-15 AMD 2	Specifications for particular types of winding wires – Part 15: Polyesterimide enamelled round aluminium wire, class 180; Amendment 2	29.060.10	lipanj 2024.
IEC 60317-15 Edition 3.2	Specifications for particular types of winding wires – Part 15: Polyesterimide enamelled round aluminium wire, class 180	29.060.10	lipanj 2024.
IEC 60317-27-3 AMD 1	Specifications for particular types of winding wires – Part 27-3: Paper tape covered rectangular copper wire; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-27-3 Edition 1.1	Specifications for particular types of winding wires – Part 27-3: Paper tape covered rectangular copper wire	29.060.10	lipanj 2024.
IEC 60317-27-4 AMD 1	Specifications for particular types of winding wires – Part 27-4: Paper tape covered rectangular aluminium wire; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-27-4 Edition 1.1	Specifications for particular types of winding wires – Part 27-4: Paper tape covered rectangular aluminium wire	29.060.10	lipanj 2024.

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IEC 60317-28 AMD 1	Specifications for particular types of winding wires – Part 28: Polyesterimide enamelled rectangular copper wire, class 180; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-28 Edition 2.1	Specifications for particular types of winding wires – Part 28: Polyesterimide enamelled rectangular copper wire, class 180	29.060.10	lipanj 2024.
IEC 60317-35 AMD 2	Specifications for particular types of winding wires – Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer; Amendment 2	29.060.10	lipanj 2024.
IEC 60317-35 Edition 2.2	Specifications for particular types of winding wires – Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer	29.060.10	lipanj 2024.
IEC 60317-36 AMD 2	Specifications for particular types of winding wires – Part 36: Solderable polyesterimide enamelled round copper wire, class 180, with a bonding layer; Amendment 2	29.060.10	lipanj 2024.
IEC 60317-36 Edition 2.2	Specifications for particular types of winding wires – Part 36: Solderable polyesterimide enamelled round copper wire, class 180, with a bonding layer	29.060.10	lipanj 2024.
IEC 60317-37 AMD 1	Specifications for particular types of winding wires – Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-37 Edition 2.1	Specifications for particular types of winding wires – Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer	29.060.10	lipanj 2024.
IEC 60317-38 AMD 1	Specifications for particular types of winding wires – Part 38: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 200, with a bonding layer; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-38 Edition 2.1	Specifications for particular types of winding wires – Part 38: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 200, with a bonding layer	29.060.10	lipanj 2024.
IEC 60317-46 AMD 1	Specifications for particular types of winding wires – Part 46: Aromatic polyimide enamelled round copper wire, class 240; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-46 Edition 2.1	Specifications for particular types of winding wires – Part 46: Aromatic polyimide enamelled round copper wire, class 240	29.060.10	lipanj 2024.
IEC 60317-47 AMD 1	Specifications for particular types of winding wires – Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-47 Edition 2.1	Specifications for particular types of winding wires – Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240	29.060.10	lipanj 2024.
IEC 60317-57 AMD 1	Specifications for particular types of winding wires – Part 57: Polyamide-imide enamelled round copper wire, class 220; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-57 Edition 1.1	Specifications for particular types of winding wires – Part 57: Polyamide-imide enamelled round copper wire, class 220	29.060.10	lipanj 2024.
IEC 60317-58 AMD 1	Specifications for particular types of winding wires – Part 58: Polyamide-imide enamelled rectangular copper wire, class 220; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-58 Edition 1.1	Specifications for particular types of winding wires – Part 58: Polyamide-imide enamelled rectangular copper wire, class 220	29.060.10	lipanj 2024.
IEC 60317-59 AMD 1	Specifications for particular types of winding wires – Part 59: Polyamide-imide enamelled round copper wire, class 240; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-59 Edition 1.1	Specifications for particular types of winding wires – Part 59: Polyamide-imide enamelled round copper wire, class 240	29.060.10	lipanj 2024.

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IEC 60317-68 AMD 2	Specifications for particular types of winding wires – Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120; Amendment 2	29.060.10	lipanj 2024.
IEC 60317-68 Edition 1.2	Specifications for particular types of winding wires – Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120	29.060.10	lipanj 2024.
IEC 60317-69 AMD 1	Specifications for particular types of winding wires – Part 69: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 220; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-69 Edition 1.1	Specifications for particular types of winding wires – Part 69: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 220	29.060.10	lipanj 2024.
IEC 60317-73 AMD 1	Specifications for particular types of winding wires – Part 73: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-73 Edition 1.1	Specifications for particular types of winding wires – Part 73: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200	29.060.10	lipanj 2024.
IEC 60317-74 AMD 1	Specifications for particular types of winding wires – Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-74 Edition 1.1	Specifications for particular types of winding wires – Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180	29.060.10	lipanj 2024.
IEC 60317-82 AMD 1	Specifications for particular types of winding wires – Part 82: Polyesterimide enamelled rectangular copper wire, class 200; Amendment 1	29.060.10	lipanj 2024.
IEC 60317-82 Edition 1.1	Specifications for particular types of winding wires – Part 82: Polyesterimide enamelled rectangular copper wire, class 200	29.060.10	lipanj 2024.
IEC 60384-21	Fixed capacitors for use in electronic equipment – Part 21: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1	31.060.10; 31.060.20	lipanj 2024.
IEC 60384-22	Fixed capacitors for use in electronic equipment – Part 22: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2	31.060.10; 31.060.20	lipanj 2024.
IEC 60704-2-9	Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-9: Particular requirements for electric hair care appliances	17.140.20; 97.170	lipanj 2024.
IEC 60793-1-22	Optical fibres – Part 1-22: Measurement methods and test procedures – Length measurement	33.180.10	lipanj 2024.
IEC 60793-1-46	Optical fibres – Part 1-46: Measurement methods and test procedures – Monitoring of changes in attenuation	33.180.10	lipanj 2024.
IEC 61169-69	Radio-frequency connectors – Part 69: Sectional specification for RF coaxial connectors with push on mating – Characteristic impedance 50 (type SMP3)	33.120.30	lipanj 2024.
IEC 61196-1-105	Coaxial communication cables – Part 1-105: Electrical test methods – Test for withstand voltage of cable dielectric	33.120.10	lipanj 2024.
IEC 61300-2-22	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-22: Tests – Change of temperature	33.180.20	lipanj 2024.
IEC 61347-1	Controlgear for electric light sources – Safety – Part 1: General requirements	29.140.99	lipanj 2024.
IEC 61347-2-2	Controlgear for electric light sources – Safety – Part 2-2: Particular requirements – Electronic step-down convertors for filament lamps	29.140.99	lipanj 2024.
IEC 61347-2-11	Controlgear for electric light sources – Safety – Part 2-11: Particular requirements – Miscellaneous electronic circuits used with luminaires	29.140.99	lipanj 2024.

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IEC 61347-2-13	Controlgear for electric light sources – Safety – Part 2-13: Particular requirements – Electronic controlgear for LED light sources	29.140.99	lipanj 2024.
IEC 61558-2-8	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes	29.180	lipanj 2024.
IEC 61558-2-9	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-9: Particular requirements and tests for transformers and power supply units for class III handlamps	29.180	lipanj 2024.
IEC 61558-2-10	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 1000 V	29.180	lipanj 2024.
IEC 61558-2-23	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-23: Particular requirements and tests for transformers and power supply units for construction sites	29.180	lipanj 2024.
IEC 61954 Corrigendum 1	Static VAR compensators (SVC) – Testing of thyristor valves; Corrigendum 1	29.240.99; 31.080.20	lipanj 2024.
IEC 61987-32	Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 32: Lists of properties (LOP) for I/O modules for electronic data exchange	25.040.40; 35.240.50	lipanj 2024.
IEC 62047-48	Semiconductor devices – Micro-electromechanical devices – Part 48: Test method for determining solution concentration by optical absorption using MEMS fluidic device	31.080.99; 31.200	lipanj 2024.
IEC 62153-4-9 AMD 2	Metallic communication cable test methods – Part 4-9: Electromagnetic compatibility (EMC) related test method for measuring coupling attenuation of screened balanced cables – Triaxial method; Amendment 2	33.100.10; 33.120.10	lipanj 2024.
IEC 62153-4-9 Edition 2.2	Metallic communication cable test methods – Part 4-9: Electromagnetic compatibility (EMC) related test method for measuring coupling attenuation of screened balanced cables – Triaxial method	33.100.10; 33.120.10	lipanj 2024.
IEC 62271-200 AMD 1	High-voltage switchgear and controlgear – Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV; Amendment 1	29.130.10	lipanj 2024.
IEC 62271-200 Edition 3.1	High-voltage switchgear and controlgear – Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	29.130.10	lipanj 2024.
IEC/TS 62271-314	High-voltage switchgear and controlgear – Part 314: Direct current disconnectors and earthing switches	29.130.10	lipanj 2024.
IEC/IEEE 62395-1	Electrical resistance trace heating systems for industrial and commercial applications – Part 1: General and testing requirements	25.180.10	lipanj 2024.
IEC/IEEE 62395-2	Electrical resistance trace heating systems for industrial and commercial applications – Part 2: Application guide for system design, installation and maintenance	25.180.10	lipanj 2024.
IEC 62522	Calibration of tuneable laser sources	31.260; 33.180.01; 33.180.99	lipanj 2024.
IEC 62529	Standard for Signal and Test Definition	25.040.01; 31.020; 35.060	lipanj 2024.
IEC/TS 62607-6-12	Nanomanufacturing – Key Control Characteristics – Part 6-12: Graphene – Number of layers: Raman spectroscopy, optical reflection	7.120	lipanj 2024.
IEC/TR 62730 AMD 1	HV polymeric insulators for indoor and outdoor use tracking and erosion testing by wheel test and 5000 h test; Amendment 1	29.080.10	lipanj 2024.
IEC/TR 62730 Edition 1.1	HV polymeric insulators for indoor and outdoor use tracking and erosion testing by wheel test and 5000 h test	29.080.10	lipanj 2024.

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/TS 62788-8-1	Measurement procedures for materials used in photovoltaic modules – Part 8-1: Electrically conductive adhesive (ECA) – Measurement of material properties	27.160	lipanj 2024.
IEC 62841-2-16	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-16: Particular requirements for hand-held fastener driving tools	25.140.20	lipanj 2024.
IEC 62841-2-18	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-18: Particular requirements for hand-held strapping tools	25.140.20	lipanj 2024.
IEC 62841-2-19	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-19: Particular requirements for hand-held jointers	25.140.20	lipanj 2024.
IEC 62841-2-20	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-20: Particular requirements for hand-held band saws	25.140.20	lipanj 2024.
IEC 62841-2-23	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-23: Particular requirements for hand-held die grinders and small rotary tools	25.140.20	lipanj 2024.
IEC 62841-3-3	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-3: Particular requirements for transportable planers and thicknessers	25.140.20	lipanj 2024.
IEC 63241-2-1	Electric motor-operated tools – Dust measurement procedure – Part 2-1: Particular requirements for hand-held core drills	25.140.20	lipanj 2024.
IEC/TR 63323	Fibre optic interconnecting devices and passive components – Study of an SC connector adaptor with safety lock mechanism	33.180.10; 33.180.20	lipanj 2024.
IEC SRD 63426	Reference standards portfolio (RSP) on interoperability and connectivity for active assisted living (AAL) in the connected home environment (CHE)	11.020.10; 11.180.01; 97.120	lipanj 2024.
ISO/IEC TR 11801-9911	Guidelines for the use of balanced single pair applications within a balanced 4 pair cabling system	35.200	lipanj 2024.
ISO/IEC 14888-4	Information security – Digital signatures with appendix – Part 4: Stateful hash-based mechanisms	35.030	lipanj 2024.
ISO/IEC 17917	Smart cities – Guidance to establishing a decision-making framework for sharing data and information services	13.020.20; 35.240.99	lipanj 2024.
ISO/IEC 18181-2	Information technology – JPEG XL image coding system – Part 2: File format	35.040.30	lipanj 2024.
ISO/IEC 23078-1	Information technology – Specification of digital rights management (DRM) technology for digital publications – Part 1: Overview of copyright protection technologies in use in the publishing industry	35.240.30	lipanj 2024.
ISO/IEC 23078-2	Information technology – Specification of digital rights management (DRM) technology for digital publications – Part 2: User key-based protection	35.240.30	lipanj 2024.
ISO/IEC 23078-3	Information technology – Specification of digital rights management (DRM) technology for digital publications – Part 3: Device key-based protection	35.240.30	lipanj 2024.
ISO/IEC 24741	Information technology – Biometrics – Overview and application	35.240.15	lipanj 2024.
ISO/IEC 24787-1	Information technology – On-card biometric comparison – Part 1: General principles and specifications	35.240.15	lipanj 2024.
ISO/IEC 24787-2	Information technology – On-card biometric comparison – Part 2: Work-sharing mechanism	35.240.15	lipanj 2024.
ISO/IEC 27403	Cybersecurity – IoT security and privacy – Guidelines for IoT-domotics	35.030	lipanj 2024.
ISO/IEC 30105-1	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 1: Process reference model (PRM)	35.020	lipanj 2024.
ISO/IEC 30105-2	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 2: Process assessment model (PAM)	35.020	lipanj 2024.

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ISO/IEC 30105-3	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 3: Measurement framework (MF) and organization maturity model (OMM)	35.020	lipanj 2024.
ISO/IEC 30105-5	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 5: Guidance	35.020	lipanj 2024.