

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

Sadržaj:

1	Rezultati hrvatske normizacije	A3
1.1	Hrvatske norme	A3
1.2	Nacrti hrvatskih norma	
1.3	Prijedlozi za prihvaćanje stranih norma u izvorniku	A12
1.4	Povučene hrvatske norme	A19
1.5	Povučeni nacrti hrvatskih norma	
1.6	Ispravci hrvatskih norma	
1.7	Naslovi objavljenih hrvatskih norma na hrvatskome jeziku	
1.8	Drugi normativni dokumenti	
1.9	Opća izdanja HZN-a	
1.10	Prijevod hrvatskih normativnih dokumenata	A30
2	Rezultati međunarodne i europske normizacije	A31

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 6, *Papir, karton i pulpe*

HRN EN 17917:2024 en pr
Papir i karton – Papir i karton predviđen za kontakt s hranom – Određivanje aluminija u vodenom ekstraktu (EN 17917:2023)
Paper and board – Paper and board intended to come into contact with foodstuffs – Determination of aluminium in aqueous extracts (EN 17917:2023)

HZN/TO 22, *Cestovna vozila*

HRN ISO 19438:2024 en pr
Filtri za dizelsko gorivo i benzin za motore s unutarnjim izgaranjem – Određivanje učinkovitosti pročišćivanja brojenjem čestica i sposobnošću zadržavanja nečistoća (ISO 19438:2023)
Diesel fuel and petrol filters for internal combustion engines – Filtration efficiency using particle counting and contaminant retention capacity (ISO 19438:2023)

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

HRN EN ISO 16119-5:2024 en pr
Poljoprivredna i šumarska mehanizacija – Zahtjevi za prskalice s obzirom na okoliš – 5. dio: Sustavi prskanja iz zraka (ISO 16119-5:2023; EN ISO 16119-5:2023)
Agricultural and forestry machinery – Environmental requirements for sprayers – Part 5: Aerial spray systems (ISO 16119-5:2023; EN ISO 16119-5:2023)

HZN/TO 25, *Ljevarstvo*

HRN EN 1561:2024 en pr
Ljevarstvo – Sivi željezni lijevovi (EN 1561:2023)
Founding – Grey cast irons (EN 1561:2023)

HRN EN 16079:2024 en pr
Ljevarstvo – Vermikularni lijevovi (EN 16079:2023)
Founding – Compacted (vermicular) graphite cast irons (EN 16079:2023)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 3838:2004/A1:2024 en pr
Nafta i tekući ili kruti naftni proizvodi – Određivanje gustoće ili relativne gustoće – Metoda pomoću piknometra s kapilarnim čepom i graduiranoga bikapilarnog piknometra (ISO 3838:2004/Amd 1:2023; EN ISO 3838:2004/A1:2023)
Crude petroleum and liquid or solid petroleum products – Determination of density or relative density – Capillary-stoppered pyknometer and graduated bicapillary pyknometer methods (ISO 3838:2004/Amd 1:2023; EN ISO 3838:2004/A1:2023)

HRI CEN/TR 16389:2024 en pr
Motorna goriva – Parafinsko dizelsko gorivo i mješavine s FAME-om – Opis zahtjevanih parametara, postupak određivanja i granične vrijednosti (CEN/TR 16389:2023)
Automotive fuels – Paraffinic diesel fuel and blends with FAME – Background to the parameters required and their respective limits and determination (CEN/TR 16389:2023)

HZN/TO 74, *Cement i vapno*

HRI CEN/TR 13933:2024 en pr
Zidarski cement – Ispitivanje obradivosti (kohezivnosti) (CEN/TR 13933:2023)
Masonry cement – Testing for workability (cohesivity) (CEN/TR 13933:2023)

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

HRN EN ISO 23953-1:2024 en pr
Rashladne vitrine – 1. dio: Terminološki rječnik (ISO 23953-1:2023; EN ISO 23953-1:2023)
Refrigerated display cabinets – Part 1: Vocabulary (ISO 23953-1:2023; EN ISO 23953-1:2023)

HRN EN ISO 23953-2:2024 en pr
Rashladne vitrine – 2. dio: Klasifikacija, zahtjevi i uvjeti ispitivanja (ISO 23953-2:2023; EN ISO 23953-2:2023)
Refrigerated display cabinets – Part 2: Classification, requirements and test conditions (ISO 23953-2:2023; EN ISO 23953-2:2023)

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN 1789:2024 en pr
Medicinska vozila i njihova oprema – Cestovna medicinska vozila (EN 1789:2020+A1:2023)
Medical vehicles and their equipment – Road ambulances (EN 1789:2020+A1:2023)

HRN EN ISO 80601-2-55:2018/A1:2024 en pr
Medicinska električna oprema – Dio 2-55: Posebni zahtjevi za osnovnu sigurnost i nužne značajke opreme za praćenje dišnih plinova (ISO 80601-2-55:2018/Amd 1:2023; EN ISO 80601-2-55:2018/A1:2023)
Medical electrical equipment – Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors (ISO 80601-2-55:2018/Amd 1:2023; EN ISO 80601-2-55:2018/A1:2023)

HZN/TO 134, *Gnojiva i poboljšivači tla*

HRN EN 15705:2024 en pr
Mineralna gnojiva – Određivanje oligomera metilen-uree tekućinskom kromatografijom visokog učinka (HPLC) (EN 15705:2023)
Inorganic fertilizers – Determination of methylen-urea oligomers using high-performance liquid chromatography (HPLC) (EN 15705:2023)

HRN EN 15959:2024 en pr
Mineralna gnojiva – Određivanje ekstrahiranog fosfora P₂O₅ (EN 15959:2023)
Inorganic fertilizers – Determination of extracted phosphorus P₂O₅ (EN 15959:2023)

HRN EN 17817:2024 en pr
Gnojiva, tvari za kalcifikaciju i inhibitori – Određivanje količine (označene masom ili volumenom) (EN 17817:2023)
Fertilizers, liming materials and inhibitors – Determination of the quantity (declared by mass or volume) (EN 17817:2023)

HRN EN 17864:2024 en pr
Mineralna gnojiva – Određivanje sadržaja dušika u IBDU (izobutilidendiurea) i CDU (krotonilidendiurea) (EN 17864:2023)
Inorganic fertilizers – Determination of nitrogen content in IBDU (isobutylidenediurea) and CDU (crotonylidenediurea) (EN 17864:2023)

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN ISO 5580:2024 en pr
Nerazorno ispitivanje – Iluminatori za industrijsku radiografiju – Najmanji zahtjevi (ISO 5580:2023; EN ISO 5580:2023)
Non-destructive testing – Industrial radiographic illuminators – Minimum requirements (ISO 5580:2023; EN ISO 5580:2023)

HZN/TO 136, *Namještaj*

HRN EN 15185:2024 en pr
Namještaj – Procjena otpornosti površine na habanje (EN 15185:2023)
Furniture – Assessment of the surface resistance to abrasion (EN 15185:2023)

HRN EN 15372:2024 en pr
Namještaj – Čvrstoća, trajnost i sigurnost – Zahtjevi za stolove koji nisu za kućnu uporabu (EN 15372:2023)
Furniture – Strength, durability and safety – Requirements for non-domestic tables (EN 15372:2023)

HRN EN 16121:2024 en pr
Namještaj za odlaganje koji nije za kućnu uporabu – Zahtjevi za sigurnost, čvrstoću, izdržljivost i stabilnost (EN 16121:2023)
Non-domestic storage furniture – Requirements for safety, strength, durability and stability (EN 16121:2023)

HRN EN 17902:2024 en pr
Namještaj – Kružnost – Zahtjevi i metode ocjenjivanja za rastavljanje/ponovno sastavljanje (EN 17902:2023)
Furniture – Circularity – Requirement and evaluation methods for dis-/reassembly (EN 17902:2023)

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

HRN EN 751-3:2024 en pr
Brtve za metalne spojnice s navojem u dodiru s plinovima prve, druge i treće skupine i vrućom vodom – 3. dio: Nesinterirane PTFE trake i PTFE niti (EN 751-3:2022+A1:2023)
Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water – Part 3: Unsintered PTFE tapes and PTFE strings (EN 751-3:2022+A1:2023)

HRN EN ISO 16486-1:2024 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Cijevni sustavi od neomekšanog poliamida (PA-U) sa zavarivanjem i mehaničkim spajanjem – 1. dio: Općenito (ISO 16486-1:2023; EN ISO 16486-1:2023)
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 1: General (ISO 16486-1:2023; EN ISO 16486-1:2023)

HZN/TO 146, *Kvaliteta zraka*

HRN EN 14662-1:2024 en pr
Kvaliteta vanjskog zraka – Standardna metoda za mjerenje koncentracija benzena – 1. dio: Uzorkovanje prisvajanjem uz termičku desorpciju i analizu plinskom kromatografijom (EN 14662-1:2023)
Ambient air quality – Standard method for measurement of benzene concentrations – Part 1: Pumped sampling followed by thermal desorption and gas chromatography (EN 14662-1:2023)

HRN EN 15267-3:2024 en pr
Kvaliteta zraka – Ocjena uređaja za praćenje kvalitete zraka – 3. dio: Kriteriji izvedbe i postupci ispitivanja nepokretnih automatskih mjernih sustava za kontinuirano praćenje emisija iz nepokretnih izvora (EN 15267-3:2023)
Air quality – Assessment of air quality monitoring equipment – Part 3: Performance criteria and test procedures for stationary automated measuring systems for continuous monitoring of emissions from stationary sources (EN 15267-3:2023)

HRN EN 15267-4:2024 en pr
Kvaliteta zraka – Ocjena uređaja za praćenje kvalitete zraka – 4. dio: Kriteriji izvedbe i postupci ispitivanja prijenosnih automatskih mjernih sustava za povremena mjerenja emisija iz nepokretnih izvora (EN 15267-4:2023)
Air quality – Assessment of air quality monitoring equipment – Part 4: Performance criteria and test procedures for portable automated measuring systems for periodic measurements of emissions from stationary sources (EN 15267-4:2023)

HZN/TO 163, *Toplinska izolacija*

HRN EN 17886:2024 en pr
Toplinsko-izolacijski proizvodi za zgrade – Ocjenjivanje osjetljivosti na rast plijesni – Laboratorijska metoda ispitivanja (EN 17886:2023)
Thermal insulation products – Assessment of the susceptibility to mould growth – Laboratory test method (EN 17886:2023)

HRN EN ISO 18393-1:2024 en pr
Toplinsko-izolacijski proizvodi – Određivanje slijeganja – 1. dio: Izolacijski materijali u rastresitom stanju za ventilirana potkrovlja, simulacija ciklusa promjene vlage i temperature (ISO 18393-1:2023; EN ISO 18393-1:2023)
Thermal insulation products – Determination of settlement – Part 1: Loose-fill insulation for ventilated attics simulating humidity and temperature cycling (ISO 18393-1:2023; EN ISO 18393-1:2023)

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

HRN EN 1273:2024 en pr
Proizvodi za dojenčad i malu djecu – Hodalice – Sigurnosni zahtjevi i metode ispitivanja (EN 1273:2020+A1:2023)
Child care articles – Baby walking frames – Safety requirements and test methods (EN 1273:2020+A1:2023)

HZN/TO 218, *Drvo*

HRN EN 20-1:2024 en pr
Sredstva za zaštitu drva – Određivanje učinkovitosti zaštite protiv Lyctus Brunneus (Stephens) – 1. dio: Primjena površinskim tretmanom (laboratorijska metoda) (EN 20-1:2023)
Wood preservatives – Determination of the protective effectiveness against Lyctus Brunneus (Stephens) – Part 1: Application by surface treatment (laboratory method) (EN 20-1:2023)

HRN EN 20-2:2024 en pr
Sredstva za zaštitu drva – Određivanje učinkovitosti zaštite protiv Lyctus Brunneus (Stephens) – 2. dio: Primjena impregnacijom (laboratorijska metoda) (EN 20-2:2023)
Wood preservatives – Determination of the protective effectiveness against Lyctus brunneus (Stephens) – Part 2: Application by impregnation (Laboratory method) (EN 20-2:2023)

HRN EN 117:2024 en pr
Sredstva za zaštitu drva – Određivanje toksičnih vrijednosti protiv Reticulitermes species (europski termiti) (laboratorijska metoda) (EN 117:2023)
Wood preservatives – Determination of toxic values against Reticulitermes species (European termites) (Laboratory method) (EN 117:2023)

HRN EN 370:2024 en pr
Sredstva za zaštitu drva – Određivanje učinkovitosti istrebljivanja u sprječavanju pojave Anobium punctatum (De Geer) (EN 370:2023)
Wood preservatives – Determination of eradicator efficacy in preventing emergence of Anobium punctatum (De Geer) (EN 370:2023)

HZN/TO 502, *Plinski uređaji*

HRN EN 26:2024 en pr
Plinske protočne grijalice za potrošnu toplu vodu za kućanstva (EN 26:2023)
Gas-fired instantaneous water heaters for the production of domestic hot water (EN 26:2023)

HRN EN 30-1-1:2024 en pr
Plinski uređaji za kuhanje za kućanstva – Dio 1-1: Sigurnost – Općenito (EN 30-1-1:2021+A1:2023)
Domestic cooking appliances burning gas – Part 1-1: Safety – General (EN 30-1-1:2021+A1:2023)

HRN EN 88-1:2024 en pr
Sigurnosni i regulacijski uređaji za plinske plamenike i plinske uređaje – 1. dio: Regulatori tlaka za ulazne tlakove do 50 kPa i uključujući 50 kPa (EN 88-1:2022+A1:2023)
Safety and control devices for gas burners and gas burning appliances – Part 1: Pressure regulators for inlet pressures up to and including 50 kPa (EN 88-1:2022+A1:2023)

HRN EN 203-1:2024 en pr
Ugostiteljska oprema na plin – 1. dio: Opći sigurnosni zahtjevi (EN 203-1:2021+A1:2023)
Gas heated catering equipment – Part 1: General safety requirements (EN 203-1:2021+A1:2023)

HRN EN 203-2-1:2024 en pr
Ugostiteljska oprema na plin – Dio 2-1: Posebni zahtjevi – Otvoreni plamenici i wok plamenici (EN 203-2-1:2021+A1:2023)
Gas heated catering equipment – Part 2-1: Specific requirements – Open burners and wok burners (EN 203-2-1:2021+A1:2023)

HRN EN 203-2-2:2024 en pr
Ugostiteljska oprema na plin – Dio 2-2: Posebni zahtjevi – Pečnice (EN 203-2-2:2021+A1:2023)
Gas heated catering equipment – Part 2-2: Specific requirements – Ovens (EN 203-2-2:2021+A1:2023)

HRN EN 203-2-4:2024 en pr
Ugostiteljska oprema na plin – Dio 2-4: Posebni zahtjevi – Friteze (EN 203-2-4:2021+A1:2023)
Gas heated catering equipment – Part 2-4: Specific requirements – Fryers (EN 203-2-4:2021+A1:2023)

HRN EN 257:2024 en pr
Mehanički termostati za plinske uređaje (EN 257:2022+A1:2023)
Mechanical thermostats for gas-burning appliances (EN 257:2022+A1:2023)

HRN EN 1106:2024 en pr
Ručni regulacijski pipci za plinske uređaje (EN 1106:2022+A1:2023)
Manually operated taps for gas burning appliances (EN 1106:2022+A1:2023)

HRN EN 1854:2024 en pr
Sigurnosni i regulacijski uređaji za plamenike i uređaje na plinovita i/ili tekuća goriva – Osjetnici tlaka za plinske plamenike i plinske uređaje (EN 1854:2022+A1:2023)
Safety and control devices for burners and appliances burning gaseous and/or liquid fuels – Pressure sensing devices for gas burners and gas burning appliances (EN 1854:2022+A1:2023)

HRN EN 15502-1:2024 en pr
Plinski kotlovi za centralno grijanje – 1. dio: Opći zahtjevi i ispitivanja (EN 15502-1:2021+A1:2023)
Gas-fired heating boilers – Part 1: General requirements and tests (EN 15502-1:2021+A1:2023)

HRN EN 15502-2-1:2024 en pr
Plinski kotlovi za centralno grijanje – Dio 2-1: Specifična norma za uređaje tipa C i uređaje tipa B2, B3 i B5 nazivne ulazne topline koja ne prelazi 1 000 kW (EN 15502-2-1:2022+A1:2023)
Gas-fired central heating boilers – Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW (EN 15502-2-1:2022+A1:2023)

HRN EN 16898:2024 en pr
Sigurnosni i kontrolni uređaji za plinske plamenike i plinske uređaje – Plinski filtri maksimalnoga radnog tlaka do 600 kPa i uključujući 600 kPa (EN 16898:2022+A1:2023)
Safety and control devices for gas burners and gas burning appliances – Gas filters having a maximum working pressure up to and including 600 kPa (EN 16898:2022+A1:2023)

HZN/TO 503, Metalni materijali

HRN EN 573-3:2024 en pr
Aluminij i aluminijeve legure – Kemijski sastav i oblik gnječanih proizvoda – 3. dio: Kemijski sastav i oblik proizvoda (EN 573-3:2019+A2:2023)
Aluminium and aluminium alloys – Chemical composition and form of wrought products – Part 3: Chemical composition and form of products (EN 573-3:2019+A2:2023)

HRN EN ISO 6508-1:2024 en pr
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 1. dio: Metoda ispitivanja (ISO 6508-1:2023; EN ISO 6508-1:2023)
Metallic materials – Rockwell hardness test – Part 1: Test method (ISO 6508-1:2023; EN ISO 6508-1:2023)

HRN EN ISO 6508-2:2024 en pr
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja i utiskivača (ISO 6508-2:2023; EN ISO 6508-2:2023)
Metallic materials – Rockwell hardness test – Part 2: Verification and calibration of testing machines and indenters (ISO 6508-2:2023; EN ISO 6508-2:2023)

HRN EN ISO 6508-3:2024 en pr
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 3. dio: Umjeravanje referentnih pločica (ISO 6508-3:2023; EN ISO 6508-3:2023)
Metallic materials – Rockwell hardness test – Part 3: Calibration of reference blocks (ISO 6508-3:2023; EN ISO 6508-3:2023)

HRN EN 10088-1:2024 en pr
Nehrđajući čelici – 1. dio: Popis nehrđajućih čelika (EN 10088-1:2023)
Stainless steels – Part 1: List of stainless steels (EN 10088-1:2023)

HRN EN 10088-3:2024 en pr
Nehrđajući čelici – 3. dio: Tehnički uvjeti isporuke za poluproizvode, šipke, valjanu žicu, vučenu žicu, profile i svijetlo vučene proizvode od korozijski postojanih čelika za opće namjene (EN 10088-3:2023)
Stainless steels – Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general purposes (EN 10088-3:2023)

HRN EN 10264-3:2024 en pr
Čelična žica i žičani proizvodi – Čelična žica za užad – 3. dio: Okrugla i profilirana žica od nelegiranog čelika za visoka opterećenja (EN 10264-3:2023)
Steel wire and wire products – Steel wire for ropes – Part 3: Round and shaped non alloyed steel wire for high duty applications (EN 10264-3:2023)

HRN EN 10305-3:2024 en pr
Precizne čelične cijevi – Tehnički uvjeti isporuke – 3. dio: Zavarene hladno valjane cijevi (EN 10305-3:2023)
Steel tubes for precision applications – Technical delivery conditions – Part 3: Welded cold sized tubes (EN 10305-3:2023)

HZN/TO 508, Ambalaža i pakiranje

HRN EN 17428:2024 en pr
Ambalaža – Određivanje stupnja raspada u simuliranim uvjetima kućnog kompostiranja (EN 17428:2023)
Packaging – Determination of the degree of disintegration under simulated home composting conditions (EN 17428:2023)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 13485:2024 en pr
Termometri za mjerenje okolne ili unutrašnje temperature za prijevoz, skladištenje i distribuciju osjetljive robe – Ispitivanja, izvedba, prikladnost (EN 13485:2023)
Thermometers for measuring the ambient or internal temperature for the transport, storage and distribution of temperature sensitive goods – Tests, performance, suitability (EN 13485:2023)

HRN EN 13486:2024 en pr
Termografi i termometri za mjerenje okolne ili unutarnje temperature u prijevozu, skladištenju i distribuciji proizvoda osjetljivih na temperaturu – Periodična provjera (EN 13486:2023)
Temperature recorders and thermometers for measuring the ambient or internal temperature for the transport, storage and distribution of temperature sensitive goods – Periodic verification (EN 13486:2023)

HRN EN 13757-2:2024 en pr
Komunikacijski sustavi za mjerila – 2. dio: Komunikacija žičnim sustavom M-Bus (EN 13757-2:2018+A1:2023)
Communication systems for meters – Part 2: Wired M-Bus communication (EN 13757-2:2018+A1:2023)

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

HRN EN 17872:2024 en pr
Savitljive hidroizolacijske trake – Podložne trake za prijeklopno pokrivanje krovova – Postupak umjetnog starenja (EN 17872:2023)
Flexible sheets for waterproofing – Underlays for discontinuous roof coverings – Artificial ageing procedure (EN 17872:2023)

HRN EN 17873:2024 en pr
Savijljive hidroizolacijske trake – Podložne trake za prijklopno pokrivanje krovova i oblaganje zidova – Upute za ugradnju i učvršćivanje za ispitivanje reakcije na požar (EN 17873:2023)
Flexible sheets for waterproofing – Underlays for discontinuous roof coverings and walls – Instructions for mounting and fixing for reaction to fire testing (EN 17873:2023)

HZN/TO 526, Bitumenska veziva

HRN EN 16346:2024 en pr
Bitumen i bitumenska veziva – Određivanje stupnja stabilnosti i neposrednog prijanjanja kationskih bitumenskih emulzija (EN 16346:2023)
Bitumen and bituminous binders – Determination of breaking behaviour and immediate adhesivity of cationic bituminous emulsions (EN 16346:2023)

HZN/TO 528, Oprema za željeznice

HRN EN 13979-1:2024 en pr
Željeznički sustav – Osovinski sklopovi i okretna postolja – Monoblok kotači – Postupak tehničkog odobravanja – 1. dio: Kovani i valjani kotači (EN 13979-1:2023)
Railway applications – Wheelsets and bogies – Monobloc Wheels – Technical approval procedure – Part 1: Forged and rolled wheels (EN 13979-1:2023)

HRN EN 15152:2024 en pr
Željeznički sustav – Vjetrobranska stakla za vlakove (EN 15152:2019+A1:2023)
Railway applications – Windscreens for trains (EN 15152:2019+A1:2023)

HZN/TO 531, Plastika i guma

HRN EN ISO 182-3:2024 en pr
Plastika – Određivanje sklonosti smjesa i proizvoda vinil-klorid homopolimera i kopolimera prema stvaranju vodikova klorida i ostalih kiselinskih proizvoda pri povišenim temperaturama – 3. dio: Konduktometrijska metoda (ISO 182-3:2023; EN ISO 182-3:2023)
Plastics – Determination of the tendency of compounds and products based on vinyl chloride homopolymers and copolymers to evolve hydrogen chloride and any other acidic products at elevated temperatures – Part 3: Conductometric method (ISO 182-3:2023; EN ISO 182-3:2023)

HRN EN ISO 8256:2024 en pr
Plastika – Određivanje rastezne žilavosti (ISO 8256:2023; EN ISO 8256:2023)
Plastics – Determination of tensile-impact strength (ISO 8256:2023; EN ISO 8256:2023)

HRI CEN/TR 16862:2024 en pr
Nadzornik zavarivanja plastike – Zadatak, odgovornosti, znanja, vještine i nadležnost (CEN/TR 16862:2023)
Plastics welding supervisor – Task, responsibilities, knowledge, skills and competence (CEN/TR 16862:2023)

HRN EN ISO 20753:2024 en pr
Plastika – Ispitni uzorci (ISO 20753:2023; EN ISO 20753:2023)
Plastics – Test specimens (ISO 20753:2023; EN ISO 20753:2023)

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-22:2024 en pr
Bitumenske mješavine – Metode ispitivanja – 22. dio: Kolotraženje (EN 12697-22:2020+A1:2023)
Bituminous mixtures – Test methods – Part 22: Wheel tracking (EN 12697-22:2020+A1:2023)

HZN/TO 534, Spremnici za teret

HRN EN 14025:2024 en pr
Spremnici za prijevoz opasnih tvari – Metalni tlačni spremnici – Projektiranje i konstrukcija (EN 14025:2023)
Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction (EN 14025:2023)

HZN/TO 535, Agregati

HRN EN 1097-1:2024 en pr
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 1. dio: Određivanje otpornosti na habanje (micro-Deval) (EN 1097-1:2023)
Tests for mechanical and physical properties of aggregates – Part 1: Determination of the resistance to wear (micro-Deval) (EN 1097-1:2023)

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

HRN EN 16005:2024 en pr
Strojno pogonjena vrata za pješake – Sigurnost uporabe – Zahtjevi i metode ispitivanja (EN 16005:2023)
Power operated pedestrian doorsets – Safety in use – Requirements and test methods (EN 16005:2023)

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

HRN EN ISO 4351:2024 en pr
Geometrijske specifikacije proizvoda (GPS) – Združivanje značajki (ISO 4351:2023; EN ISO 4351:2023)
Geometrical product specifications (GPS) – Association (ISO 4351:2023; EN ISO 4351:2023)

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

HRN EN 253:2024 en pr
Cijevi za daljinsko grijanje – Povezani cijevni sustavi s jednom cijevi za ukopane vrelovodne mreže – Tvornički izrađen cijevni sklop od čelične cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice (EN 253:2019+A1:2023)
District heating pipes – Bonded single pipe systems for directly buried hot water networks – Factory made pipe assembly of steel service pipe, polyurethane thermal insulation and a casing of polyethylene (EN 253:2019+A1:2023)

HRN EN ISO 11855-8:2024 en pr
Projektiranje unutrašnjosti zgrada – Projektiranje, dimenzioniranje, ugradnja i upravljanje ugradbenim sustavima grijanja i hlađenja zračenjem – 8. dio: Električni sustavi grijanja (ISO 11855-8:2023; EN ISO 11855-8:2023)
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 8: Electrical heating systems (ISO 11855-8:2023; EN ISO 11855-8:2023)

HRN EN 17038-4:2024 en pr
Pumpe – Metode kvalifikacije i verifikacije indeksa energetske učinkovitosti za rotacijske pumpe – 4. dio: Ispitivanje i proračun indeksa energetske učinkovitosti (EEI) višestupanjskih potopnih pumpi (EN 17038-4:2023)
Pumps – Methods of qualification of the Energy Efficiency Index for rotodynamic pump units – Part 4: Testing and calculation of energy efficiency index (EEI) of submersible multistage pump units (EN 17038-4:2023)

HZN/TO 543, Poštanske usluge

HRN EN 14534:2024 en pr
Poštanske usluge – Kvaliteta usluga – Mjerenje vremena prijenosa pošiljaka u velikim količinama od prijama do uručenja (EN 14534:2023)
Postal services – Quality of service – Measurement of the transit time of end-to-end services for bulk mail (EN 14534:2023)

HZN/TO 550, Opskrba vodom

HRN EN 200:2024 en pr
Sanitarne armature – Pojedinačne i kombinirane slavine za vodoopskrbne sustave tip 1 i tip 2 – Opća tehnička specifikacija (EN 200:2023)
Sanitary tapware – Single taps and combination taps for water supply systems of type 1 and type 2 – General technical specification (EN 200:2023)

HRN EN 14944-3:2024 en pr
Utjecaj cementnih proizvoda na vodu namijenjenu ljudskoj potrošnji – Metode ispitivanja – 3. dio: Migracija tvari iz tvornički proizvedenih cementnih proizvoda (EN 14944-3:2023)
Influence of cementitious products on water intended for human consumption – Test methods – Part 3: Migration of substances from factory-made cementitious products (EN 14944-3:2023)

HRN EN 17818:2024 en pr
Uređaji za in-situ proizvodnju biocida – Aktivni klor dobiven elektrolizom natrijeva klorida (EN 17818:2023)
Devices for in-situ generation of biocides – Active chlorine generated from sodium chloride by electrolysis (EN 17818:2023)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 17664-2:2024 en pr
Postupci za proizvode za zdravstvenu skrb – Informacije o postupcima za medicinske proizvode koje daje njihov proizvođač – 2. dio: Niskorizični medicinski proizvodi (ISO 17664-2:2021; EN ISO 17664-2:2023)
Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices – Part 2: Non-critical medical devices (ISO 17664-2:2021; EN ISO 17664-2:2023)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 360:2024 en pr
Osobna zaštitna oprema protiv pada s visine – Samozatezne naprave za zaustavljanje pada (EN 360:2023)
Personal fall protection equipment – Retractable type fall arresters (EN 360:2023)

HRN EN ISO 12311:2024 en pr
Osobna zaštitna oprema – Metode ispitivanja za sunčane naočale i srodna očna pomagala (ISO 12311:2023; EN ISO 12311:2023)
Personal protective equipment – Test methods for sunglasses and related eyewear (ISO 12311:2023; EN ISO 12311:2023)

HZN/TO 558, Zaštita dišnih putova

HRN EN 12941:2024 en pr
Zaštitne naprave za disanje – Filtarske naprave s upuhivanjem koje imaju labavo prijanjajuće respiratorno sučelje – Zahtjevi, ispitivanje, označavanje (EN 12941:2023)
Respiratory protective devices – Powered filtering devices incorporating a loose fitting respiratory interface – Requirements, testing, marking (EN 12941:2023)

HRN EN 12942:2024 en pr
Zaštitne naprave za disanje – Filtarske naprave s upuhivanjem i maskom za cijelo lice, polumaskom ili četvrtmaskom – Zahtjevi, ispitivanje, označavanje (EN 12942:2023)
Respiratory protective devices – Powered filtering devices incorporating full face masks, half masks or quarter masks – Requirements, testing, marking (EN 12942:2023)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 3758:2024 en pr
Tekstil – Označavanje njege primjenom simbola (ISO 3758:2023; EN ISO 3758:2023)
Textiles – Care labelling code using symbols (ISO 3758:2023; EN ISO 3758:2023)

HRN EN ISO 14184-3:2024 en pr
Tekstil – Određivanje formaldehida – 3. dio: Određivanje slobodnog i hidroliziranog formaldehida (metoda ekstrakcije) tekućom kromatografijom (ISO 14184-3:2023; EN ISO 14184-3:2023)
Textiles – Determination of formaldehyde – Part 3: Free and hydrolysed formaldehyde (extraction method) by liquid chromatography (ISO 14184-3:2023; EN ISO 14184-3:2023)

HZN/TO 563, Sigurnost strojeva

HRN EN ISO 12643-1:2024 en pr
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 1. dio: Opći zahtjevi (ISO 12643-1:2023; EN ISO 12643-1:2023)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 1: General requirements (ISO 12643-1:2023; EN ISO 12643-1:2023)

HRN EN ISO 12643-2:2024 en pr
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 2. dio: Oprema i sustavi za grafičku pripremu i tisak (ISO 12643-2:2023; EN ISO 12643-2:2023)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 2: Prepress and press equipment and systems (ISO 12643-2:2023; EN ISO 12643-2:2023)

HRN EN ISO 12643-3:2024 en pr
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 3. dio: Oprema i sustavi za uvezivanje i doradu (ISO 12643-3:2023; EN ISO 12643-3:2023)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 3: Binding and finishing equipment and systems (ISO 12643-3:2023; EN ISO 12643-3:2023)

HRN EN ISO 12643-4:2024 en pr
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 4. dio: Oprema i sustavi za obradu (ISO 12643-4:2023; EN ISO 12643-4:2023)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 4: Converting equipment and systems (ISO 12643-4:2023; EN ISO 12643-4:2023)

HRN EN ISO 12643-5:2024 en pr
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 5. dio: Samostalni zaklopni strojevi s ručnim sustavom (ISO 12643-5:2023; EN ISO 12643-5:2023)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 5: Manually-fed stand-alone platen presses (ISO 12643-5:2023; EN ISO 12643-5:2023)

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

HRN EN 1177:2024 en pr
Podloge za ublažavanje udara na igralištima – Metode ispitivanja za utvrđivanje svojstava ublažavanja udara (EN 1177:2018+A1:2023)
Impact attenuating playground surfacing – Methods of test for determination of impact attenuation (EN 1177:2018+A1:2023)

HRN EN 12196:2024 en pr
Gimnastička oprema – Konj i kozlić – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 12196:2023)
Gymnastic equipment – Horses and bucks – Functional and safety requirements, test methods (EN 12196:2023)

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

HRN EN 60763-2:2008/A1:2024 en pr
Specifikacija za laminirane prešane ploče – 2. dio: Metode ispitivanja (IEC 60763-2:2007/am1:2023; EN 60763-2:2007/A1:2023)
Specification for laminated pressboard – Part 2: Methods of test (IEC 60763-2:2007/am1:2023; EN 60763-2:2007/A1:2023)

HRN EN IEC 60893-2:2024 en pr
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – 2. dio: Metode ispitivanja (IEC 60893-2:2023; EN IEC 60893-2:2023)
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 2: Methods of test (IEC 60893-2:2023; EN IEC 60893-2:2023)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 62271-207:2024 en pr
Visokonaponska sklopna aparatura – 207. dio: Seizmička kvalifikacija za sklopne blokove izolirane plinom, u metalnim kućištima i kućištima od krute izolacije, za nazivne napone iznad 1 kV (IEC 62271-207:2023; EN IEC 62271-207:2023)
High-voltage switchgear and controlgear – Part 207: Seismic qualification for gas-insulated switchgear assemblies, metal enclosed and solid-insulation enclosed switchgear for rated voltages above 1 kV (IEC 62271-207:2023; EN IEC 62271-207:2023)

HZN/TO E20, Električni kabeli

HRN EN 60811-201:2013/A2:2024 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 201. dio: Općenita ispitivanja – Ispitivanje debljine izolacije (IEC 60811-201:2012/am2:2023; EN 60811-201:2012/A2:2023)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 201: General tests – Measurement of insulation thickness (IEC 60811-201:2012/am2:2023; EN 60811-201:2012/A2:2023)

HRN EN 60811-202:2013/A2:2024 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 202. dio: Općenita ispitivanja – Ispitivanje debljine nemetalnog plašta (IEC 60811-202:2012/am2:2023; EN 60811-202:2012/A2:2023)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 202: General tests – Measurement of thickness of non-metallic sheath (IEC 60811-202:2012/am2:2023; EN 60811-202:2012/A2:2023)

HRN EN 60811-501:2013/A2:2024 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 501. dio: Mehanička ispitivanja – Ispitivanja za određivanje mehaničkih značajki smjesa za izolacije i plašteve (IEC 60811-501:2012/am2:2023; EN 60811-501:2012/A2:2023)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 501: Mechanical tests – Tests for determining the mechanical properties of insulating and sheathing compounds (IEC 60811-501:2012/am2:2023; EN 60811-501:2012/A2:2023)

HRN EN 60811-503:2013/A1:2024 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 503. dio: Mehanička ispitivanja – Ispitivanje skupljanja plašteva (IEC 60811-503:2012/am1:2023; EN 60811-503:2012/A1:2023)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 503: Mechanical tests – Shrinkage test for sheaths (IEC 60811-503:2012/am1:2023; EN 60811-503:2012/A1:2023)

HRN EN 60811-508:2013/A2:2024 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 508. dio: Mehanička ispitivanja – Ispitivanje na tlak kod visokih temperatura za izolacije i plašteve (IEC 60811-508:2012/am2:2023; EN 60811-508:2012/A2:2023)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 508: Mechanical tests – Pressure test at high temperature for insulation and sheaths (IEC 60811-508:2012/am2:2023; EN 60811-508:2012/A2:2023)

HZN/TO E23, Električni instalacijski pribor

HRN EN IEC 60669-2-1:2022/Ispr.1:2024 en pr
Sklopke za kućanstvo i slične fiksne električne instalacije – Dio 2-1: Posebni zahtjevi – Elektronički upravljački uređaji (EN IEC 60669-2-1:2022/AC:2024)
Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic control devices (EN IEC 60669-2-1:2022/AC:2024)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 60809:2021/A1:2024 en pr
Žarulje i izvori svjetla za cestovna vozila – Zahtjevi za dimenzije, električni i svjetlosni zahtjevi (IEC 60809:2021/am1:2023; EN IEC 60809:2021/A1:2023)
Lamps and light sources for road vehicles – Dimensional, electrical and luminous requirements (IEC 60809:2021/am1:2023; EN IEC 60809:2021/A1:2023)

HZN/TO E36, Izolatori

HRN EN IEC 62772:2024 en pr
Kompozitni šuplji stanični potporni izolatori s izmjeničnim naponom iznad 1 000 V i istosmjernim naponom iznad 1 500 V – Definicije, metode ispitivanja i kriteriji za prihvatanje (IEC 62772:2023; EN IEC 62772:2023)
Composite hollow core station post insulators with a.c. voltage greater than 1 000 V and d.c. voltage greater than 1 500 V – Definitions, test methods and acceptance criteria (IEC 62772:2023; EN IEC 62772:2023)

HZN/TO E56, Pouzdanost

HRN EN IEC 62506:2024 en pr
Metode za ispitivanje proizvoda ubrzanim ispitivanjem (IEC 62506:2023; EN IEC 62506:2023)
Methods for product accelerated testing (IEC 62506:2023; EN IEC 62506:2023)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-1:2023/A11:2024 en pr
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi (EN IEC 60335-1:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 1: General requirements (EN IEC 60335-1:2023/A11:2023)

HRN EN IEC 60335-1:2024 en pr
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi (IEC 60335-1:2020+Corr.1:2021; EN IEC 60335-1:2023)
Household and similar electrical appliances – Safety – Part 1: General requirements (IEC 60335-1:2020+Corr.1:2021; EN IEC 60335-1:2023)

HRN EN IEC 60335-2-14:2023/A11:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-14: Posebni zahtjevi za kuhinjske strojeve (EN IEC 60335-2-14:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines (EN IEC 60335-2-14:2023/A11:2023)

HRN EN IEC 60335-2-14:2023/A1:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-14: Posebni zahtjevi za kuhinjske strojeve (IEC 60335-2-14:2016/am1:2019; EN IEC 60335-2-14:2023/A1:2023)
Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines (IEC 60335-2-14:2016/am1:2019; EN IEC 60335-2-14:2023/A1:2023)

HRN EN IEC 60335-2-4:2023/A11:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-4: Posebni zahtjevi za centrifuge rublja (EN IEC 60335-2-4:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors (EN IEC 60335-2-4:2023/A11:2023)

HRN EN IEC 60335-2-4:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-4: Posebni zahtjevi za centrifuge rublja (IEC 60335-2-4:2021; EN IEC 60335-2-4:2023)
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors (IEC 60335-2-4:2021; EN IEC 60335-2-4:2023)

HRN EN IEC 60335-2-60:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-60: Posebni zahtjevi za vrtložne kade i kupke (IEC 60335-2-60:2017; EN IEC 60335-2-60:2023)
Household and similar electrical appliances – Safety – Part 2-60: Particular requirements for whirlpool baths and whirlpool spas (IEC 60335-2-60:2017; EN IEC 60335-2-60:2023)

HRN EN IEC 60335-2-60:2024/A11:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-60: Posebni zahtjevi za vrtložne kade i kupke (EN IEC 60335-2-60:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 2-60: Particular requirements for whirlpool baths and whirlpool spas (EN IEC 60335-2-60:2023/A11:2023)

HRN EN IEC 60335-2-81:2024/A11:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-81: Posebni zahtjevi za grijalice nogu i tople hasure (EN IEC 60335-2-81:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats (EN IEC 60335-2-81:2023/A11:2023)

HRN EN IEC 60335-2-84:2021/A12:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-84: Posebni zahtjevi za aparate u zahodima (EN IEC 60335-2-84:2021/A12:2023)
Household and similar electrical appliances – Safety – Part 2-84: Particular requirements for toilet appliances (EN IEC 60335-2-84:2021/A12:2023)

HRN EN IEC 60335-2-86:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-86: Posebni zahtjevi za električne aparate za pećanje (IEC 60335-2-86:2018; EN IEC 60335-2-86:2023)
Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines (IEC 60335-2-86:2018; EN IEC 60335-2-86:2023)

HRN EN IEC 60335-2-86:2024/A11:2024 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-86: Posebni zahtjevi za električne aparate za pećanje (EN IEC 60335-2-86:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines (EN IEC 60335-2-86:2023/A11:2023)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN IEC 60601-2-19:2021/A1:2024 en pr
Medicinska električna oprema – Dio 2-19: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke inkubatora za novorođenčad (IEC 60601-2-19:2020/am1:2023; EN IEC 60601-2-19:2021/A1:2023)
Medical electrical equipment – Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators (IEC 60601-2-19:2020/am1:2023; EN IEC 60601-2-19:2021/A1:2023)

HRN EN IEC 60601-2-20:2020/A1:2024 en pr
Medicinska električna oprema – Dio 2-20: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke prijevoznih inkubatora za novorođenčad (IEC 60601-2-20:2020/am1:2023; EN IEC 60601-2-20:2020/A1:2023)
Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (IEC 60601-2-20:2020/am1:2023; EN IEC 60601-2-20:2020/A1:2023)

HRN EN IEC 60601-2-21:2021/A1:2024 en pr
Medicinska električna oprema – Dio 2-21: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke za grijače novorođenčadi koji griju zračenjem (IEC 60601-2-21:2020/am1:2023; EN IEC 60601-2-21:2021/A1:2023)
Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers (IEC 60601-2-21:2020/am1:2023; EN IEC 60601-2-21:2021/A1:2023)

HRN EN IEC 60601-2-50:2021/A1:2024 en pr
Medicinska električna oprema – Dio 2-50: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke opreme za fototerapiju novorođenčadi (IEC 60601-2-50:2020/am1:2023; EN IEC 60601-2-50:2021/A1:2023)
Medical electrical equipment – Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment (IEC 60601-2-50:2020/am1:2023; EN IEC 60601-2-50:2021/A1:2023)

HRN EN IEC 80601-2-77:2021/A1:2024 en pr
Medicinska električna oprema – Dio 2-77: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke kirurških uređaja potpomognutih robotima (IEC 80601-2-77:2019/am1:2023; EN IEC 80601-2-77:2021/A1:2023)
Medical electrical equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment (IEC 80601-2-77:2019/am1:2023; EN IEC 80601-2-77:2021/A1:2023)

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

HRN EN IEC 61139-3:2024 en pr
Industrijske mreže – Digitalno komunikacijsko sučelje od točke do točke – 3. dio: Bežična proširenja (IEC 61139-3:2023; EN IEC 61139-3:2023)
Industrial networks – Single-drop digital communication interface – Part 3: Wireless extensions (IEC 61139-3:2023; EN IEC 61139-3:2023)

HRN EN IEC 62453-71:2024 en pr
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 71. dio: OPC UA informacijski model za FDT (IEC 62453-71:2023; EN IEC 62453-71:2023)
Field device tool (FDT) interface specification – Part 71: OPC UA Information Model for FDT (IEC 62453-71:2023; EN IEC 62453-71:2023)

HRN EN IEC 62453-302:2024 en pr
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 302. dio: Integracija komunikacijskog profila – IEC 61784 CPF 2 (IEC 62453-302:2023; EN IEC 62453-302:2023)
Field device tool (FDT) interface specification – Part 302: Communication profile integration – IEC 61784 CPF 2 (IEC 62453-302:2023; EN IEC 62453-302:2023)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

HRN EN 60730-2-5:2015/Ispr.1:2024 en pr
Električne naprave za automatsko upravljanje – Dio 2-5: Posebni zahtjevi za električne automatske upravljačke sustave plamenika (IEC 60730-2-5:2013/Corr.1:2023; EN 60730-2-5:2015/AC:2023)
Automatic electrical controls – Part 2-5: Particular requirements for automatic electrical burner control systems (IEC 60730-2-5:2013/Corr.1:2023; EN 60730-2-5:2015/AC:2023)

HZN/TO E78, Rad pod naponom

HRN EN 50365:2024 en pr
Rad pod naponom – Električne izolacijske kacige za uporabu u postrojenjima niskog i srednjeg napona (EN 50365:2023)
Live Working – Electrically insulating helmets for use on low and medium voltage installations (EN 50365:2023)

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

HRN EN IEC 62631-3-2:2024 en pr
Dielektrična i otporna svojstva čvrstih izolacijskih materijala – Dio 3-2: Određivanje otpornih svojstava (Metode istosmjernje struje) – Površinski otpor i specifični površinski otpor (IEC 62631-3-2:2023; EN IEC 62631-3-2:2023)
Dielectric and resistive properties of solid insulating materials – Part 3-2: Determination of resistive properties (DC methods) – Surface resistance and surface resistivity (IEC 62631-3-2:2023; EN IEC 62631-3-2:2023)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRN EN 50173-4:2018/A1:2024 en pr
Informacijska tehnologija – Generički sustavi kabliranja – 4. dio: Stambeni prostori (EN 50173-4:2018/A1:2023)
Information technology – Generic cabling systems – Part 4: Homes (EN 50173-4:2018/A1:2023)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 468 V1.18.1:2024 en pr
Digitalna videodifuzija (DVB) – Specifikacije za servisne informacije (SI) u DVB sustavima (EN 300 468 V1.18.1:2023)
Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems (EN 300 468 V1.18.1:2023)

HRN EN 301 545-2 V1.4.1:2024 en pr
Digitalna videodifuzija (DVB) – Druga generacija DVB interaktivnog satelitskog sustava (DVB-RCS2) – 2. dio: Niži slojevi za satelitsku normu (EN 301 545-2 V1.4.1:2024)
Digital Video Broadcasting (DVB) – Second Generation DVB Interactive Satellite System (DVB-RCS2) – Part 2: Lower Layers for Satellite standard (EN 301 545-2 V1.4.1:2024)

HRN EN 302 208 V3.4.1:2024 en pr
Radiofrekvencijska oprema za identifikaciju koja radi u pojasu od 865 MHz do 868 MHz s razinom snage do 2 W i u pojasu od 915 MHz do 921 MHz s razinom snage do 4 W – Harmonizirana norma za pristup radijskom spektru (EN 302 208 V3.4.1:2023)
Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W – Harmonised Standard for access to radio spectrum (EN 302 208 V3.4.1:2023)

HRN EN 319 522-1 V1.2.1:2024 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 1. dio: Okvir i arhitektura (EN 319 522-1 V1.2.1:2024)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 1: Framework and Architecture (EN 319 522-1 V1.2.1:2024)

HRN EN 319 522-2 V1.2.1:2024 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 2. dio: Semantički sadržaji (EN 319 522-2 V1.2.1:2024)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 2: Semantic contents (EN 319 522-2 V1.2.1:2024)

HRN EN 319 522-3 V1.2.1:2024 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 3. dio: Formati (EN 319 522-3 V1.2.1:2024)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 3: Formats (EN 319 522-3 V1.2.1:2024)

HRN EN 319 532-3 V1.3.1:2024 en pr
Elektronički potpisi i infrastrukture (ESI) – Davatelji usluga registrirane elektroničke pošte (REM) – 3. dio: Formati (EN 319 532-3 V1.3.1:2024)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) Services – Part 3: Formats (EN 319 532-3 V1.3.1:2024)

HRN EN 319 532-4 V1.3.1:2024 en pr
Elektronički potpisi i infrastrukture (EPI) – Usluge registrirane elektroničke pošte (REP) – 4. dio: Profili interoperabilnosti (EN 319 532-4 V1.3.1:2024)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) Services – Part 4: Interoperability profiles (EN 319 532-4 V1.3.1:2024)

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

HRN EN 13329:2024 en pr
Laminatne podne obloge – Specifikacije, zahtjevi i ispitne metode (EN 13329:2023)
Laminate floor coverings – Specifications, requirements and test methods (EN 13329:2023)

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

HRN EN 17908:2024 en pr
Alge i proizvodi na bazi algi – Metode uzorkovanja i analize – Određivanje ukupnog sadržaja lipida Ryckebosch-Foubert metodom (EN 17908:2023)
Algae and algae products – Methods of sampling and analysis – Determination of total lipids content using the Ryckebosch-Foubert method (EN 17908:2023)

HRN EN ISO/ASTM 52939:2024 en pr
Aditivna proizvodnja za građevinarstvo – Načela ispitivanja kvalificiranosti – Konstrukcijski i infrastrukturni elementi (ISO/ASTM 52939:2023; EN ISO/ASTM 52939:2023)
Additive Manufacturing for construction – Qualification principles – Structural and infrastructure elements (ISO/ASTM 52939:2023; EN ISO/ASTM 52939:2023)

HZN/TU I2, Strojarstvo 2

HRN EN ISO 13577-2:2024 en pr
Industrijske peći i pripadajuća procesna oprema – Sigurnost – 2. dio: Sustavi za izgaranje i rukovanje gorivom (ISO 13577-2:2023; EN ISO 13577-2:2023)
Industrial furnaces and associated processing equipment – Safety – Part 2: Combustion and fuel handling systems (ISO 13577-2:2023; EN ISO 13577-2:2023)

HRN EN 17206-2:2024 en pr
Tehnologija za industriju zabave – Scenska i studijska oprema i ostala slična oprema – Sigurnosni zahtjevi za postolja i podizače za postolja (EN 17206-2:2023)
Entertainment technology – Machinery for stages and other production areas – Part 2: Safety requirements for stands and truss lifts (EN 17206-2:2023)

HRN EN 17795-5:2024 en pr
Tehnologija za industriju zabave – Pravila postupanja – 5. dio: Postupci podizanja i pomicanja u industriji zabave (EN 17795-5:2023)
Entertainment Technology – Codes of Practice – Part 5: Lifting and motion Operations in the Event Industry (EN 17795-5:2023)

HRN EN 17879:2024 en pr
Konstrukcije u industriji zabave – Sigurnosni zahtjevi (EN 17879:2023)
Event structures – Safety requirements (EN 17879:2023)

HZN/TU N1, Nemetalni materijali 1

HRN EN ISO 2612:2024 en pr
Analiza prirodnog plina – Biometan – Određivanje sadržaja amonijaka apsorpcijskom spektroskopijom pomoću diodnog lasera podesive valne duljine (ISO 2612:2023; EN ISO 2612:2023)
Analysis of natural gas – Biomethane – Determination of ammonia content by Tuneable Diode Laser Absorption Spectroscopy (ISO 2612:2023; EN ISO 2612:2023)

HRN EN ISO 2613-2:2024 en pr
Analiza prirodnog plina – Sadržaj silicija u biometanu – 2. dio: Određivanje sadržaja siloksana plinskom kromatografijom uz spektrometriju ionske pokretljivosti (ISO 2613-2:2023; EN ISO 2613-2:2023)
Analysis of natural gas – Silicon content of biomethane – Part 2: Determination of siloxane content by gas chromatography with ion mobility spectrometry (ISO 2613-2:2023; EN ISO 2613-2:2023)

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

HRN EN 2267-011:2024 en pr
Zrakoplovstvo – Kabeli, električni, opće namjene – Radna temperatura između -55 °C i 200 °C – Dio 011: DZA porodica, jednožilni i višežilni sklop za upotrebu u atmosferi niskog tlaka – Norma za proizvod (EN 2267-011:2023)
Aerospace series – Cables, electrical, for general purpose – Operating temperatures between -55 °C and 260 °C – Part 011: DZA family, single and multicore assembly for use in low pressure atmosphere – Product standard (EN 2267-011:2023)

HRN EN 2267-012:2024 en pr
Zrakoplovstvo – Kabeli, električni, opće namjene – Radna temperatura između -55 °C i 200 °C – Dio 012: DZA porodica, jednožilni predviđen za ispisivanje pomoću UV lasera u atmosferi niskog tlaka – Norma za proizvod (EN 2267-012:2023)
Aerospace series – Cables, electrical, for general purpose – Operating temperatures between -55 °C and 260 °C – Part 012: DZ family, single UV laser printable for use in low pressure atmosphere – Product standard (EN 2267-012:2023)

HRN EN 2516:2024 en pr
Zrakoplovstvo – Pasivizacija čelika otpornih na koroziju i dekontaminacija legura na bazi nikla ili kobalta (EN 2516:2023)
Aerospace series – Passivation of corrosion resisting steels and decontamination of nickel or cobalt base alloys (EN 2516:2023)

HRN EN 2995-006:2024 en pr
Zrakoplovstvo – Automatski osigurači, jednopolni, temperaturno kompenzirani, nazivne struje 1 A do 25 A – Dio 006: Ravni priključak 6,3 mm & 2,8 mm s polariziranim signalnim kontaktom – Norma za proizvod (EN 2995-006:2023)
Aerospace series – Circuit breakers, single-pole; temperature compensated, rated currents 1 A to 25 A – Part 006: 6,3 mm & 2,8 mm blade terminal with polarized signal contact – Product standard (EN 2995-006:2023)

HRN EN 2996-006:2024 en pr
Zrakoplovstvo – Automatski osigurači, trolpolni, temperaturno kompenzirani, nazivne struje 1 A do 25 A – Dio 006: Ravni priključak 6,3 & 2,8 mm – S polariziranim signalnim kontaktom – Norma za proizvod (EN 2996-006:2023)
Aerospace series – Circuit breakers, three-poles, temperature compensated, rated currents 1 A to 25 A – Part 006: 6,3 & 2,8 mm blade terminal – With polarized signal contact – Product standard (EN 2996-006:2023)

HRN EN 3311:2024 en pr
Zrakoplovstvo – Legure titana TI-P64001 (Ti-6Al-4V) – Kaljeni – Šipke za strojnu obradu – D < 300 mm – 900 MPa ≤ Rm ≤ 1 160 MPa (EN 3311:2023)
Aerospace series – Titanium alloy TI-P64001 (Ti-6Al-4V) – Annealed – Bars for machining – D < 300 mm – 900 MPa ≤ Rm ≤ 1 160 MPa (EN 3311:2023)

HRN EN 3524:2024 en pr
Zrakoplovstvo – Čelik 15CrMoV6 (1.7334) – Taljen na zraku – Kaljen i termički obrađen – Limovi i trake – 2 mm ≤ a ≤ 6 mm – 1 080 MPa ≤ Rm ≤ 1 280 MPa (EN 3524:2023)
Aerospace series – Steel 15CrMoV6 (1.7334) – Air melted – Hardened and tempered – Sheets and strips – 2 mm ≤ a ≤ 6 mm – 1 080 MPa ≤ Rm ≤ 1 280 MPa (EN 3524:2023)

HRN EN 3525:2024 en pr
Zrakoplovstvo – Čelik FE-PL1505 (15CrMoV6) – Taljen na zraku – Kaljen i termički obrađen – Ploča – 6 mm ≤ a ≤ 20 mm – 1 080 MPa ≤ Rm ≤ 1 280 MPa (EN 3525:2023)
Aerospace series – Steel 15CrMoV6 (1.7334) – Air melted – Hardened and tempered – Plates – 6 mm ≤ a ≤ 20 mm – 1 080 MPa ≤ Rm ≤ 1 280 MPa (EN 3525:2023)

HRN EN 3526:2024 en pr
Zrakoplovstvo – Čelik FE-PL1505 (15CrMoV6) – Taljen na zraku – Kaljen i termički obrađen – Lim i traka – 0,5 mm ≤ a ≤ 6 mm – 980 MPa ≤ Rm ≤ 1 180 MPa (EN 3526:2023)
Aerospace series – Steel 15CrMoV6 (1.7334) – Air melted – Hardened and tempered – Sheet and strip – 0,5 mm ≤ a ≤ 6 mm – 980 MPa ≤ Rm ≤ 1 180 MPa (EN 3526:2023)

HRN EN 3774-006:2024 en pr
Zrakoplovstvo – Automatski osigurači, tropolni, temperaturno kompenzirani, nazivnih struja 1 A do 25 A – Dio 006: Ravni priključak 6,3 mm – Norma za proizvod (EN 3774-006:2023)
Aerospace series – Circuit breakers, three-poles, temperature compensated, rated currents 1 A to 25 A – Part 006: 6,3 blade terminal – Product standard (EN 3774-006:2023)

HRN EN 4113:2024 en pr
Zrakoplovstvo – Stege, s petljom (tipa „P“) od čelika otpornog na koroziju, pasivizirane s gumenim jastučićima – Dimenzije i mase (EN 4113:2023)
Aerospace series – Clamps, loop (”P” type) in corrosion resisting steel, passivated, with rubber cushioning – Dimensions, masses (EN 4113:2023)

HRN EN 4114:2024 en pr
Zrakoplovstvo – Stege, s petljom (tipa ”P“) od aluminija s gumenim jastučićima – Dimenzije i mase (EN 4114:2023)
Aerospace series – Clamps, loop (”P” type) in aluminium alloy, with rubber cushioning – Dimensions, masses (EN 4114:2023)

HRN EN 4708-002:2024 en pr
Zrakoplovstvo – Navlake, koje se sužavaju prilikom izlaganja toplini, za omotavanje, izolaciju i označavanje – Dio 002: Popis normi za proizvod (EN 4708-002:2023)
Aerospace series – Sleeving, heat-shrinkable, for binding, insulation and identification – Part 002: Index of Product standards (EN 4708-002:2023)

HRN EN 4708-204:2024 en pr
Zrakoplovstvo – Navlake, koje se sužavaju prilikom izlaganja toplini, za omotavanje, izolaciju i označavanje – 204. dio: Navlake za identifikaciju sa smanjenom opasnošću od požara – Raspon radne temperature od -40 °C do 105 °C – Norma za proizvod (EN 4708-204:2023)
Aerospace series – Sleeves, heat-shrinkable, for binding, insulation and identification – Part 204: Limited fire hazard identification sleeves – Operating Temperature range -40 °C to 105 °C – Product Standard (EN 4708-204:2023)

HRN EN 4840-002:2024 en pr
Zrakoplovstvo – Lijevani fazonski dijelovi koji se skupljaju na toplini – Dio 002: Indeks norme za proizvod i dimenzije proizvoda (EN 4840-002:2023)
Aerospace series – Heat shrinkable moulded shapes – Part 002: Index of product standards and product dimensions (EN 4840-002:2023)

HRN EN 4840-103:2024 en pr
Zrakoplovstvo – Lijevani fazonski dijelovi koji se skupljaju na toplini – 103. dio: Fluoroelastomerni, temperaturni raspon od -55 °C do 200 °C – Norma za proizvod (EN 4840-103:2023)
Aerospace series – Heat shrinkable moulded shapes – Part 103: Fluoroelastomeric, temperature range -55 °C to 200 °C – Product Standard (EN 4840-103:2023)

HRN EN 6042:2024 en pr
Zrakoplovstvo – Organske komponente – Metoda ispitivanja – Analiza infracrvenom spektroskopijom (EN 6042:2023)
Aerospace series – Organic compounds – Test method – Analysis by infrared spectroscopy (EN 6042:2023)

HRN EN 6095:2024 en pr
Zrakoplovstvo – Zakretni spojni elementi – Konstrukcijske i nekonstrukcijske primjene – Tehnička specifikacija (EN 6095:2023)
Aerospace series – Rotary fasteners – Structural and non-structural applications – Technical specification (EN 6095:2023)

HRN EN 9104-1:2024 en pr
Zrakoplovstvo – Sustavi upravljanja kvalitetom – 1. dio: Zahtjevi za certifikaciju u zrakoplovstvu, svemirskoj tehnologiji i obrani (EN 9104-1:2023)
Aerospace series – Quality management systems – Part 1: Requirements for Certification of aviation, space, and defense (EN 9104-1:2023)

HRN EN 9163:2024 en pr
Zrakoplovstvo – Zahtjevi za certifikate o sukladnosti (EN 9163:2023)
Aerospace series – Certificate of conformance requirements (EN 9163:2023)

HRN EN 16307-5:2024 en pr
Industrijski kamioni – Sigurnosni zahtjevi i potvrđivanje – 5. dio: Dodatni zahtjevi za viličare pogonjene guranjem (EN 16307-5:2023)
Industrial trucks – Safety requirements and verification – Part 5: Supplementary requirements for pedestrian-propelled trucks (EN 16307-5:2023)

HRN EN 16603-20-40:2024 en pr
Svemirsko inženjerstvo – Projektiranje integriranih krugova ASIC, FPGA i IP Core (EN 16603-20-40:2023)
Space engineering – ASIC, FPGA and IP Core engineering (EN 16603-20-40:2023)

HRN EN 16604-10:2024 en pr
Održivost u svemiru – Zahtjevi za smanjivanje otpada u Zemljinoj orbiti (ISO 24113:2023, MOD; EN 16604-10:2023)
Space sustainability – Space debris mitigation requirements (ISO 24113:2023, MOD; EN 16604-10:2023)

HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60721-2-6:2023/Ispr.1:2024 en pr
Klasifikacija uvjeta okoliša – Dio 2-6: Uvjeti okoliša koji se pojavljuju u prirodi – Vibracije i udari uzrokovani potresom (IEC 60721-2-6:2022/Corr.1:2023; EN IEC 60721-2-6:2023/AC:2023)
Classification of environmental conditions – Part 2-6: Environmental conditions appearing in nature – Earthquake vibration and shock (IEC 60721-2-6:2022/Corr.1:2023; EN IEC 60721-2-6:2023/AC:2023)

HZN/TU V1, Elektronika 1

HRN EN IEC 60393-4:2024 en pr
Potencimetri za uporabu u elektroničkoj opremi – 4. dio: Sekcijska specifikacija: Jednookretni rotacijski potencimetri snage (IEC 60393-4:2023; EN IEC 60393-4:2023)
Potentiometers for use in electronic equipment – Part 4: Sectional specification: Single-turn rotary power potentiometers (IEC 60393-4:2023; EN IEC 60393-4:2023)

HRN EN IEC 60966-3-1:2024 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 3-1: Prazna tiskanica za detaljnu specifikaciju za sklopove polusavitljivih koaksijalnih kabela (IEC 60966-3-1:2023; EN IEC 60966-3-1:2023)
Radio frequency and coaxial cable assemblies – Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies (IEC 60966-3-1:2023; EN IEC 60966-3-1:2023)

HRN EN IEC 60966-3:2024 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – 3. dio: Sekcijska specifikacija za sklopove polusavitljivih koaksijalnih kabela (IEC 60966-3:2023; EN IEC 60966-3:2023)
Radio frequency and coaxial cable assemblies – Part 3: Sectional specification for semi-flexible coaxial cable assemblies (IEC 60966-3:2023; EN IEC 60966-3:2023)

HRN EN IEC 61753-081-02:2024 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 081-02: Jednomodni svjetlovodni uređaji srednje veličine 1 x N DWDM koji nisu opremljeni konektorima za kategoriju C – Kontrolirano okruženje (IEC 61753-081-02:2023; EN IEC 61753-081-02:2023)
Fibre optic interconnecting devices and passive components – Performance standard – Part 081-02: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category C – Controlled environments (IEC 61753-081-02:2023; EN IEC 61753-081-02:2023)

HRN EN IEC 61753-081-03:2024 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 081-03: Jednomodni svjetlovodni uređaji srednje veličine 1 x N DWDM koji nisu opremljeni konektorima za kategoriju OP – Zaštićeno vanjsko okruženje (IEC 61753-081-03:2023; EN IEC 61753-081-03:2023)
Fibre optic interconnecting devices and passive components – Performance standard – Part 081-03: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP – Outdoor protected environment (IEC 61753-081-03:2023; EN IEC 61753-081-03:2023)

HRN EN IEC 61753-081-06:2024 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 081-06: Jednomodni svjetlovodni uređaji srednje veličine 1 x N DWDM koji nisu opremljeni konektorima za kategoriju OP+ – Prošireno zaštićeno vanjsko okruženje (IEC 61753-081-06:2023; EN IEC 61753-081-06:2023)
Fibre optic interconnecting devices and passive components – Performance standard – Part 081-06: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP+ – Extended outdoor protected environment (IEC 61753-081-06:2023; EN IEC 61753-081-06:2023)

HRN EN IEC 63138-2:2024 en pr
Višekanalni radiofrekvencijski konektori – 2. dio: Sekcijska specifikacija za kružne konektore serije MQ4 (IEC 63138-2:2023; EN IEC 63138-2:2023)
Multi-channel radio-frequency connectors – Part 2: Sectional specification for MQ4 series circular connectors (IEC 63138-2:2023; EN IEC 63138-2:2023)

HRN EN IEC 63203-201-2:2022/Ispr.1:2024 en pr
Nosivi elektronički uređaji i tehnologije – Dio 201-2: Elektronički tekstil – Metode mjerenja za osnovna svojstva vodljivih tkanina i izolacijskih materijala (IEC 63203-201-2:2022/Corr.1:2023; EN IEC 63203-201-2:2022/AC:2023)
Wearable electronic devices and technologies – Part 201-2: Electronic textile – Measurement methods for basic properties of conductive fabrics and insulation materials (IEC 63203-201-2:2022/Corr.1:2023; EN IEC 63203-201-2:2022/AC:2023)

HRN EN IEC 63251:2024 en pr
Metoda ispitivanja mehaničkih svojstava savitljivih opto-električnih tiskanih pločica pod toplinskim naprezanjem (IEC 63251:2023; EN IEC 63251:2023)
Test method for mechanical properties of flexible opto-electric circuit boards under thermal stress (IEC 63251:2023; EN IEC 63251:2023)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 60143-1:2015/A1:2024 en pr
Serijski kondenzatori za energetske sustave – 1. dio: Općenito (IEC 60143-1:2015/am1:2023; EN 60143-1:2015/A1:2023)
Series capacitors for power systems – Part 1: General (IEC 60143-1:2015/am1:2023; EN 60143-1:2015/A1:2023)

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 16315 en
Small craft – Electrical systems used for electrical propulsion (ISO/DIS 16315:2023)

HZN/TO 22, Cestovna vozila

ISO 1726-3:2023 en
Road vehicles – Mechanical couplings between tractors and semi-trailers – Part 3: Requirements for semi-trailer contact area to fifth wheel
Cestovna vozila – Mehaničke veze između tegljača i poluprikolica – 3. dio: Zahtjevi za površinu nalijeganja poluprikolice na sedlo

ISO/DIS 2958 en
Road vehicles – Exterior protection for passenger cars
Cestovna vozila – Vanjska zaštita (branici) na osobnim automobilima

ISO 3739-1:2022 en
Industrial tyres and rims – Part 1: Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims – Designation, dimensions and marking
Gume i naplatci za industrijska vozila – 1. dio: Pneumatske gume (milimetarski nizovi) na naplatcima s osnovom nagiba 5° ili ravnom – Oznaka, dimenzije i označivanje

ISO/DIS 3779 en
Road vehicles – Vehicle identification number (VIN) – Content and structure
Cestovna vozila – Identifikacijska oznaka vozila (VIN) – Sadržaj i struktura

ISO/FDIS 4000-1 en
Passenger car tyres and rims – Part 1: Tyres (metric series)
Gume i naplatci za osobne automobile – 1. dio: Gume (milimetarski nizovi)

ISO 4091:2003/Amd 1:2022 en
Road vehicles – Connectors for the electrical connection of towing and towed vehicles – Definitions, tests and requirements
Cestovna vozila – Spojnici za električno spajanje vučnih i vučenih vozila – Definicije, metode ispitivanja i zahtjevi

ISO 4107:2023 en
Commercial vehicles – Wheel-hub attachment dimensions
Gospodarska vozila – Dimenzije pričvršćenja kotača i glavine

ISO 4250-1:2023 en
Earth-mover tyres and rims – Part 1: Tyre designation and dimensions
Gume i naplatci za strojeve za zemljane radove – 1. dio: Oznaka i dimenzije guma

ISO 4513:2022 en
Road vehicles – Visibility – Method for establishment of ellipses for driver's eye location
Cestovna vozila – Vidljivost – Metoda određivanja elipsa vidnoga polja prema položaju vozačevih očiju

ISO 5775-1:2023 en
Bicycle tyres and rims – Part 1: Tyre designations and dimensions
Gume i naplatci za bicikle – 1. dio: Oznake i dimenzije

ISO 6460-3:2007/Amd 2:2022 en
Motorcycles – Measurement method for gaseous exhaust emissions and fuel consumption – Part 3: Fuel consumption measurement at a constant speed
Motocikli – Metoda mjerenja emisija ispušnih plinova i potrošnje goriva – 3. dio: Mjerenje potrošnje goriva pri konstantnoj brzini

- ISO 6469-1:2019/Amd 1:2022 en
Electrically propelled road vehicles – Safety specifications
– Part 1: Rechargeable energy storage system (RESS)
Cestovna vozila na električni pogon – Sigurnosne specifikacije
– 1. dio: Sustav ponovljivog pohranjivanja energije u vozilu (RESS)
- ISO 6469-2:2022 en
Electrically propelled road vehicles – Safety specifications
– Part 2: Vehicle operational safety
Cestovna vozila na električni pogon – Sigurnosne specifikacije
– 2. dio: Sigurnost rada vozila
- ISO/DIS 6518-2 en
Road vehicles – Ignition systems – Part 2: Electrical performance and function test methods
Cestovna vozila – Sustavi paljenja – 2. dio: Električne radne značajke i metode ispitivanja funkcija
- ISO 6519:2023 en
Diesel engines – Fuel injection pumps – Tapers for shaft ends and hubs
Dizelski motori – Pumpe za ubrizgavanje goriva – Stošci za završetke vratila i glavine
- ISO 7141:2022 en
Road vehicles – Light alloy wheels – Lateral impact test
Cestovna vozila – Naplatci od lakih legura – Ispitivanje na bočni udar
- ISO/DIS 7299-1 en
Diesel engines – End-mounting flanges for pumps – Part 1: Fuel injection pumps
Dizelski motori – Prirubnice za pričvršćivanje pumpi – 1. dio: Pumpe za ubrizgavanje goriva
- ISO 7637-1:2023 en
Road vehicles – Electrical disturbances from conduction and coupling – Part 1: Vocabulary and general considerations
Cestovna vozila – Električne smetnje uzrokovane vođenjem i sprežanjem – 1. dio: Terminološki rječnik i opća razmatranja
- ISO/DTR 8713 en
Electrically propelled road vehicles – Vocabulary
Cestovna vozila na električni pogon – Terminološki rječnik
- ISO 8714:2023 en
Electric road vehicles – Reference energy consumption and range – Test procedures for passenger cars and light commercial vehicles
Električna cestovna vozila – Referentna potrošnja energije i referentni raspon – Postupci ispitivanja za osobne automobile i laka gospodarska vozila
- ISO/DIS 9815 en
Road vehicles – Passenger-car and trailer combinations – Lateral stability test
Cestovna vozila – Skupovi osobnoga automobila i prikolice – Ispitivanje bočne stabilnosti
- ISO 10231:2022 en
Motorcycle tyres – Test methods for verifying tyre capabilities
Gume za motocikle – Metode ispitivanja za provjeru svojstava guma
- ISO/DIS 10571 en
Tyres for mobile cranes and similar specialized machines
Gume za pokretne dizalice i slične posebne strojeve
- ISO 10605:2023 en
Road vehicles – Test methods for electrical disturbances from electrostatic discharge
Cestovna vozila – Metode ispitivanja električnih smetnji od elektrostatičkog pražnjenja
- ISO/DIS 11451-1.2 en
Road vehicles – Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 1: General principles and terminology
Cestovna vozila – Metode ispitivanja izloženosti vozila električnim smetnjama od uskopojsnoga elektromagnetskog zračenja – 1. dio: Opća načela i nazivlje
- ISO/FDIS 11451-3 en
Road vehicles – Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 3: On-board transmitter simulation
Cestovna vozila – Metode ispitivanja izloženosti vozila električnim smetnjama od uskopojsnoga elektromagnetskog zračenja – 3. dio: Simulacija smetnji od odašiljača smještenih u vozilo
- ISO 11451-4:2022 en
Road vehicles – Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 4: Harness excitation methods
Cestovna vozila – Metode ispitivanja izloženosti vozila električnim smetnjama od uskopojsnoga elektromagnetskog zračenja – 4. dio: Metoda pobude ožičenja
- ISO/DIS 11452-1.2 en
Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 1: General principles and terminology
Cestovna vozila – Metode ispitivanja izloženosti sastavnica električnim smetnjama od uskopojsnoga elektromagnetskog zračenja – 1. dio: Opća načela i nazivlje
- ISO/FDIS 11452-3 en
Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 3: Transverse electromagnetic (TEM) cell
Cestovna vozila – Metode ispitivanja izloženosti sastavnica električnim smetnjama od uskopojsnoga elektromagnetskog zračenja – 3. dio: Transverzalna elektromagnetska komora
- ISO/FDIS 11565 en
Road vehicles – Spark-plugs – Test methods and requirements
Cestovna vozila – Svjećice – Metode ispitivanja i zahtjevi
- ISO 11992-2:2023 en
Road vehicles – Interchange of digital information on electrical connections between towing and towed vehicles – Part 2: Application layer for brakes and running gear
Cestovna vozila – Razmjena digitalnih podataka na električnim spojevima između vučnih i vučenih vozila – 2. dio: Sloj primjene za kočnice i podvozje
- ISO 12103-1 en
Road vehicles – Test contaminants for filter evaluation – Part 1: Arizona test dust
Cestovna vozila – Ispitni onečišćivači za ocjenjivanje filtra – 1. dio: Ispitna prašina „Arizona“
- ISO 13215-2:2022 en
Road vehicles – Reduction of misuse risk of child restraint systems – Part 2: Requirements and test procedures for correct installation (panel method)
Cestovna vozila – Smanjenje rizika nepravilne uporabe sustava za držanje djeteta – 2. dio: Zahtjevi i postupci ispitivanja za ispravnu ugradnju (panel metoda)
- ISO 13325:2019/Amd 1:2023 en
Tyres – Coast-by methods for measurement of tyre-to-road sound emission – Amendment 1: Uncertainties
Gume – Metode mjerenja emisije buke kotrljanja gume po cesti s isključenim motorom vozila – Amandman 1: Nesigurnosti
- ISO 14960-1:2023 en
Road vehicles – Communication between vehicle and external equipment for emissions-related diagnostics – Part 3: Diagnostic connector and related electrical circuits: Specification and use
Cestovna vozila – Prijenos podataka između vozila i vanjske opreme za dijagnostiku koja se odnosi na emisiju – 3. dio: Spojnik za dijagnostiku i odgovarajući strujni krugovi: specifikacija i uporaba
- ISO 15031-3:2023 en
Road vehicles – Communication between vehicle and external equipment for emissions-related diagnostics – Part 3: Diagnostic connector and related electrical circuits: Specification and use
Cestovna vozila – Prijenos podataka između vozila i vanjske opreme za dijagnostiku koja se odnosi na emisiju – 3. dio: Spojnik za dijagnostiku i odgovarajući strujni krugovi: specifikacija i uporaba
- ISO/CD 16845-1 en
Road vehicles – Controller area network (CAN) conformance test plan – Part 1: Data link layer and physical signalling
Cestovna vozila – Postupak provjere usklađenosti regulatora mrežnog područja (CAN) – 1. dio: Sloj podatkovne mreže i fizička signalizacija
- HZN/TO 28, Naftni proizvodi i maziva**
- prEN 18051 en
Automotive fuels – Determination of content of butoxy-benzene in middle distillates – Gas chromatographic method using a flame ionization detector (GC-FID)

HZN/TO 44, Zavarivanje i srodni postupci

EN ISO 7287:2002/prA1 en
Graphical symbols for thermal cutting equipment
(ISO 7287:2002/DAmD 1:2023)
Grafički simboli za opremu za toplinsko rezanje
(ISO 7287:2002/DAmD 1:2023)

EN ISO 9013:2017/prA1 en
Thermal cutting – Classification of thermal cuts
– Geometrical product specification and quality tolerances
(ISO 9013:2017/DAmD 1:2023)
Toplinsko rezanje – Razredba rezova – Geometrijska
specifikacija proizvoda i dopuštena odstupanja kvalitete
(ISO 9013:2017/DAmD 1:2023)

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

prEN 12900 en
Refrigerant compressors – Rating conditions, tolerances and
presentation of performance data
Rashladni kompresori – Uvjeti razvrstavanja, dopuštena
odstupanja i prikaz tvorničkih radnih značajki

HZN/TO 92, Zaštita od požara

EN 1366-3:2021/prA1 en
Fire resistance tests for service installations – Part 3:
Penetration seals
Ispitivanja otpornosti na požar servisnih instalacija – 3. dio:
Penetracijske brtve

prEN 13381-7 en
Test methods for determining the contribution to the fire
resistance of structural members – Part 7: Applied protection
to timber members
Metode ispitivanja za određivanje doprinosa otpornosti na
požar konstrukcijskih elemenata – 7. dio: Zaštita primijenjena
na drvenim elementima

HZN/TO 120, Koža i obuća

prEN ISO 3379 en
Leather – Determination of distension and strength of surface
(Ball burst method) (ISO/DIS 3379:2023)
Koža – Određivanje rastezljivosti i čvrstoće površine
(Ballova metoda prskanja) (ISO/DIS 3379:2023)

HZN/TO 147, Kvaliteta vode

prEN ISO 13646 en
Water quality – Determination of selected estrogens in
whole water samples – Method using solid phase extraction
(SPE) followed by liquid chromatography (LC) or gas
chromatography (GC) coupled to mass spectrometry (MS)
detection (ISO/DIS 13646:2023)

HZN/TO 172, Optika i optički instrumenti

prEN ISO 16671 en
Ophthalmic implants – Irrigating solutions for ophthalmic
surgery (ISO/DIS 16671:2023)
Oftalmološki implantanti – Tekućine za ispiranje u
oftalmološkoj kirurgiji (ISO/DIS 16671:2023)

HZN/TO 207, Upravljanje okolišem

ISO 14068-1:2023 en
Climate change management – Transition to net zero
– Part 1: Carbon neutrality
Upravljanje klimatskim promjenama – Prijelaz na neto nultu
stopu emisija stakleničkih plinova – 1. dio: Ugljična neutralnost

HZN/TO 217, Kozmetika

prEN ISO 23675 en
Cosmetics – Sun protection test Methods – In Vitro determination
of Sun Protection Factor (SPF) (ISO/DIS 23675:2023)

HZN/TO 503, Metalni materijali

prEN ISO 13947 en
Metallic powders – Test method for the determination of
non-metallic inclusions in metal powders using a
powder-forged specimen (ISO/DIS 13947:2023)
Metalni prah – Metoda ispitivanja za određivanje nemetalnih
uključaka u metalnom prahu korištenjem uzorka kovanog
praha (ISO/DIS 13947:2023)

HZN/TO 505, Prijenos i distribucija plina

prEN 16726 en
Gas infrastructure – Quality of gas – Group H
Plinska infrastruktura – Kvaliteta plina – Grupa H

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

prEN ISO 13628-1 en
Oil and gas industries including low carbon energy – Design
and operation of subsea production systems – Part 1: General
requirements and recommendations (ISO/DIS 13628-1:2023)
Industrije nafte i plina uključujući energiju s niskim udjelom
ugljika – Projektiranje i rad podmorskih proizvodnih sustava
– 1. dio: Opći zahtjevi i preporuke (ISO/DIS 13628-1:2023)

HZN/TO 513, Mjerne jedinice i mjerila

prEN 12480 en
Gas meters – Rotary displacement gas meters
Plinomjeri – Plinomjeri s rotacijskim klipovima

HZN/TO 517, Posebne vrste konstrukcija

prEN 15129-1 en
Anti-seismic devices – Part 1: General design rules
Protupotresne naprave – 1. dio: Opća pravila za projektiranje

HZN/TO 524, Inteligentni transportni sustavi

prEN ISO 13143-1 en
Electronic fee collection – Evaluation of on-board and
roadside equipment for conformity to ISO 12813 – Part 1: Test
suite structure and test purposes (ISO/DIS 13143-1:2023)
Elektronička naplata – Vrednovanje sukladnosti opreme
u vozilu i opreme uz prometnicu s normom ISO 12813
– 1. dio: Struktura ispitnog paketa i svrhe ispitivanja
(ISO/DIS 13143-1:2023)

HZN/TO 528, Oprema za željeznice

prEN ISO 9466 en
Railway Applications – Painting of passenger rail vehicles
(ISO/DIS 9466:2023)

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

prEN ISO 5059-1 en
Geometrical product specifications (GPS) – Dimensional
measuring equipment: inside micrometers – Part 1: Two-point
inside micrometers – Design and metrological characteristics
(ISO/DIS 5059-1:2023)

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

prEN 14908-10 en
Open Data Communication in Building Automation, Controls
and Building Management – Control Network Protocol
– Part 10: Web Services for Control Networking Protocol
Specification

prEN ISO 16484-4 en
Building automation and control systems (BACS) – Part 4:
Control applications (ISO/DIS 16484-4:2023)
Sustavi automatizacije i upravljanja u zgradama – 4. dio:
Aplikacije za upravljanje (ISO/DIS 16484-4:2023)

HZN/TO 550, Opskrba vodom

prEN 901 en
Chemicals used for treatment of water intended for human
consumption – Sodium hypochlorite
Kemikalije koje se upotrebljavaju u obradi vode namijenjene
ljudskoj potrošnji – Natrijev hipoklorit

HZN/TO 555, Medicinski proizvodi

prEN ISO 5649 en
Medical laboratories – Concepts and specifications for
the design, development, implementation, and use of
laboratory-developed tests (ISO/DIS 5649:2023)

prEN ISO 15193 en
In vitro diagnostic medical devices – Requirements for
reference measurement procedures (ISO/DIS 15193:2023)

prEN ISO 15194 en

In vitro diagnostic medical devices – Requirements for certified reference materials and the content of supporting documentation (ISO/DIS 15194:2023)

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

prEN ISO 11118 en

Gas cylinders – Non-refillable metallic gas cylinders – Specification and test methods (ISO/DIS 11118:2023)
Plinske boce – Jednokratno punjive metalne plinske boce – Specifikacija i metode ispitivanja (ISO/DIS 11118:2023)

HZN/TO 562, *Alatni strojevi i alati*

prEN 16474 en

Plastics and rubber machines – Tyre curing machines – Safety requirements
Strojevi za obradu plastike i gume – Preše za vulkanizaciju gume – Sigurnosni zahtjevi

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

prEN ISO 6579-4 en

Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 4: Identification of monophasic Salmonella Typhimurium (1,4,[5],12:i:-) by polymerase chain reaction (PCR) (ISO/DIS 6579-4:2023)
Mikrobiologija u lancu hrane – Horizontalna metoda za otkrivanje, određivanje broja i serotipizaciju Salmonella – 4. dio: Identifikacija monofazne Salmonelle Typhimurium (1,4,[5],12:i:-) lančanom reakcijom polimeraze (ISO/DIS 6579-4:2023)

prEN 18032 en

Foodstuff – Quick Method for the Analysis of Multiple Highly Polar Pesticides and their Metabolites in Foodstuff Involving Extraction with Acidified Methanol and Measurement by LC- or IC-MS/MS (QuPPE-Method)
Hrana – Brza metoda za analizu višestrukih visokopolarnih pesticida i njihovih metabolita u hrani koja uključuje ekstrakciju zakiseljenim metanolom i mjerenje pomoću LC-a ili IC-MS/MS-a

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

prEN ISO 15192 en

Soil and waste – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrometric detection (ISO/DIS 15192:2023)
Tlo i otpad – Određivanje kroma(VI) u krutim materijalima lužnatom digestijom i ionskom kromatografijom sa spektrometrijskim određivanjem (ISO/DIS 15192:2023)

HZN/TO E17, *Sklopni i upravljački uređaji*

prEN IEC 60947-7-1:2023 en

Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment – Terminal blocks for copper conductors (IEC 60947-7-1 ED4)
Niskonaponska sklopna aparatura – Dio 7-1: Pomoćna oprema – Redne stezaljke za bakrene vodiče (IEC 60947-7-1 ED4)

HZN/TO E20, *Električni kabeli*

IEC 63026:2019 en

Submarine power cables with extruded insulation and their accessories for rated voltages from 6 kV ($U_m = 7,2$ kV) up to 60 kV ($U_m = 72,5$ kV) – Test methods and requirements
Podmorski energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 6 kV ($U_m = 7,2$ kV) do 60 kV ($U_m = 72,5$ kV) – Metode ispitivanja i zahtjevi

HZN/TO E31, *Eksplzivne atmosfere*

prEN IEC 60079-7:2023 en

Explosive atmospheres – Part 7: Equipment protection by increased safety "e" (IEC 60079-7 ED6)
Eksplzivne atmosfere – 7. dio: Vrsta zaštite opreme povećana sigurnost "e" (IEC 60079-7 ED6)

HZN/TO E36, *Izolatori*

prEN IEC 61109:2023 en

Insulators for overhead lines – Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V – Definitions, test methods and acceptance criteria (IEC 61109 ED3)
Izolatori za nadzemne vodove – Kompozitni viseći i vlačni izolatori za izmjenične sustave nazivnog napona većeg od 1 000 V – Definicije, metode ispitivanja i kriteriji za prihvaćanje (IEC 61109 ED3)

prEN IEC 62217:2023 en

Polymeric HV insulators for indoor and outdoor use – General definitions, test methods and acceptance criteria (IEC 62217 ED3)
Polimerni visokonaponski izolatori za unutarnju i vanjsku uporabu – Opće definicije, metode ispitivanja i kriteriji za prihvaćanje (IEC 62217 ED3)

HZN/TO E44, *Elektrotehnička sigurnost strojeva*

prEN IEC 61496-3:2023 en

Safety of machinery – Electro-sensitive protective equipment – Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse reflection (AOPDDR) (IEC 61496-3 ED4)
Sigurnost strojeva – Elektroosjetljiva zaštitna oprema – 3. dio: Posebni zahtjevi za aktivne optoelektroničke zaštitne naprave osjetljive na difuznu refleksiju (IEC 61496-3 ED4)

HZN/TO E57, *Upravljanje energetskim sustavom i pridružene komunikacije*

EN 61850-10:2013/prA1:2023 en

Communication networks and systems for power utility automation – Part 10: Conformance testing (IEC 61850-10/am1 ED2)
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – 10. dio: Ispitivanje sukladnosti (IEC 61850-10/am1 ED2)

prEN IEC 62746-4:2023 en

Systems interface between customer energy management system and the power management system – Part 4: Demand Side Resource Interface (IEC 62746-4 ED1)

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

prEN IEC 62657-2:2023 en

Industrial networks – Coexistence of wireless systems – Part 2: Coexistence management (IEC 62657-2 ED4)
Industrijske mreže – Koegzistencija bežičnih sustava – 2. dio: Upravljanje koegzistencijom (IEC 62657-2 ED4)

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

EN IEC 61557-1:2021/prA1:2023 en

Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 1: General requirements (IEC 61557-1/am1 ED3)
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjernje struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 1. dio: Opći zahtjevi (IEC 61557-1/am1 ED3)

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

EN IEC 62232:2022/prA1:2023 en

Determination of RF field strength, power density and SAR in the vicinity of base stations for the purpose of evaluating human exposure (IEC 62232/am1 ED3)
Određivanje jakosti, gustoće snage i SAR-a RF polja u blizini baznih postaja za potrebe vrednovanja ljudske izloženosti (IEC 62232/am1 ED3)

HZN/TO T4, *Normizacija u telekomunikacijama*

EN 303 883-1 V2.1.0:2024 en

Short Range Devices (SRD) and Ultra Wide Band (UWB) – Part 1: Measurement techniques for transmitter requirements
Uređaji kratkoga dometa (SRD) i ultra širokog pojasa (UWB) – 1. dio: Mjerne tehnike za ispitivanje zahtjeva odašiljača

EN 303 883-2 V2.1.0:2024 en
Short Range Devices (SRD) and Ultra Wide Band (UWB)
– Part 2: Measurement techniques for receiver requirements
Uređaji kratkoga dometa (SRD) i ultra širokog pojasa (UWB)
– 2. dio: Mjerne tehnike za ispitivanje zahtjeva prijarnika

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

prEN ISO 19397 en
Paints and varnishes – Determination of the film thickness of
coatings using an ultrasonic gauge (ISO/DIS 19397:2023)
Boje i lakovi – Određivanje debljine filma premaza uporabom
ultrazvučnog mjerila (ISO/DIS 19397:2023)

HZN/TU I2, Strojstvo 2

EN 1009-1:2020/prA1 en
Machines for mechanical processing of minerals and similar
solid materials – Safety – Part 1: Common requirements for
machinery and processing plants
Strojevi za mehaničku obradu minerala i sličnih čvrstih
materijala – Sigurnost – 1. dio: Opći zahtjevi za strojeve i
postrojenja za preradu

EN 1009-2:2020/prA1 en
Machines for mechanical processing of minerals and similar
solid materials – Safety – Part 2: Specific requirements for
feeding machinery and continuous handling equipment
Strojevi za mehaničku obradu minerala i sličnih čvrstih
materijala – Sigurnost – 2. dio: Posebni zahtjevi za opskrbne
strojeve i opremu za kontinuirano rukovanje

EN 1009-3:2020/prA1 en
Machines for mechanical processing of minerals and similar
solid materials – Safety – Part 3: Specific requirements for
crushing and milling machinery
Strojevi za mehaničku obradu minerala i sličnih čvrstih
materijala – Sigurnost – 3. dio: Posebni zahtjevi za strojeve
za drobljenje i mljevenje

EN 1009-4:2020/prA1 en
Machines for mechanical processing of minerals and similar
solid materials – Safety – Part 4: Specific requirements for
screening machinery
Strojevi za mehaničku obradu minerala i sličnih čvrstih
materijala – Sigurnost – 4. dio: Posebni zahtjevi za strojeve
za probiranje

EN 1009-5:2020/prA1 en
Machines for mechanical processing of minerals and similar
solid materials – Safety – Part 5: Specific requirements for
cleaning, recycling, sorting and mud treatment machinery
Strojevi za mehaničku obradu minerala i sličnih čvrstih
materijala – Sigurnost – 5. dio: Posebni zahtjevi za strojeve
za čišćenje, recikliranje, sortiranje i obradu mulja

prEN 12348 en
Core drilling machines on stand – Safety
Temeljne bušilice na postolju – Sigurnost

prEN 15027 en
Transportable wall saw and wire saw equipment for job site
– Safety
Prijenosna oprema za zidne pile i pile sa sajlom na gradilištima
– Sigurnost

prEN ISO 22765 en
Nuclear fuel technology – Sintered (U,Pu)O₂ pellets
– Guidance for ceramographic preparation for microstructure
examination (ISO/DIS 22765:2023)
Tehnologija nuklearnog goriva – Sinterirane (U,Pu)O₂
kuglice – Smjernice za pripremu keramografskog uzorka za
ispitivanje mikrostrukture (ISO/DIS 22765:2023)

HZN/TU N1, Nemetalni materijali 1

prEN ISO 20182 en
Refractory test-piece preparation – Gunning refractory
panels by the pneumatic-nozzle mixing type guns
(ISO/DIS 20182:2023)
Priprema vatrootalnih testnih uzoraka – Punjenje vatrootalnih
panela pištoljima s pneumatskom mlaznicom za miješanje
(ISO/DIS 20182:2023)

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

prEN ISO 17730 en
Dentistry – Fluoride varnishes (ISO/DIS 17730:2023)
Stomatologija – Fluoridni lakovi (ISO/DIS 17730:2023)

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

prEN 4128 en
Aerospace series – Bolt, normal hexagonal head, coarse
tolerance shank, short thread, in heat resisting nickel base
alloy, aluminium IVD coated – Classification: 1 250 MPa
(at ambient temperature)/425 °C
Zrakoplovstvo – Vijci, normalna šesterokutna glava,
normalnog struka grube tolerancije, kratkog navoja, legura
na bazi nikla otporna na toplinu, prevučeni IVD aluminijem
– Klasifikacija: 1250 MPa (pri temperaturi okoline)/425 °C

prEN 4800-001 en
Aerospace series – Titanium and titanium alloys – Technical
specification – Part 001: Plate, sheet and strip
Zrakoplovstvo – Titan i legure titana – Tehnička specifikacija
– 001. dio: Ploča, Lim i traka

prEN 4800-002 en
Aerospace series – Titanium and titanium alloys – Technical
specification – Part 002: Bar and section
Zrakoplovstvo – Titan i legure titana – Tehnička specifikacija
– 002. dio: Šipke i profili

prEN 4800-003 en
Aerospace series – Titanium and titanium alloys – Technical
specification – Part 003: Tube
Zrakoplovstvo – Titan i legure titana – Tehnička specifikacija
– 003. dio: Cijev

prEN 4800-004 en
Aerospace series – Titanium and titanium alloys – Technical
specification – Part 004: Wire
Zrakoplovstvo – Titan i legure titana – Tehnička specifikacija
– 004. dio: Žica

prEN 4800-005 en
Aerospace series – Titanium and titanium alloys – Technical
specification – Part 005: Forging stock
Zrakoplovstvo – Titan i legure titana – Tehnička specifikacija
– 005. dio: Materijal namijenjen kovanju

prEN 4800-007 en
Aerospace series – Titanium and titanium alloys – Technical
specification – Part 007: Remelting stock
Zrakoplovstvo – Titan i legure titana – Tehnička specifikacija
– 007. dio: Materijal za pretaljanje

prEN 6059-502 en
Aerospace series – Electrical cables, installation Protection
sleeves – Test methods – Part 502: Resistance to electrical
arcs
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitne navlake
– Metode ispitivanja – Dio 502: Otpornost na električne lukove

HZN/TU V1, Elektronika 1

prEN IEC 60749-34-1:2023 en
Semiconductor devices – Mechanical and climatic test
methods – Part 34-1: Power cycling test for power
semiconductor module (IEC 60749-34-1 ED1)

prEN IEC 61169-23:2023 en
Radio-frequency connectors – Part 23: Pin and socket
connector for use with 3.5 mm rigid precision coaxial lines
with inner diameter of outer conductor of 3.5 mm (0.1378 in)
(IEC 61169-23 ED1)

prEN IEC 62007-2:2023 en
Semiconductor optoelectronic devices for fibre optic system
applications – Part 2: Measuring methods (IEC 62007-2 ED3)

HZN/TU W1, Energetska elektrotehnika 1

prEN IEC 62282-3-200:2023 en
Fuel cell technologies – Part 3-200: Stationary fuel cell power
systems – Performance test methods (IEC 62282-3-200 ED3)
Tehnologija gorivih ćelija – Dio 3-200: Energetski sustavi
stacionarnih gorivih ćelija – Metode ispitivanja značajki
(IEC 62282-3-200 ED3)

EN IEC 63169:2020/prA1:2023 en
Electrical household and similar cooling and freezing
appliances – Food preservation (IEC 63169/am1 ED1)
Električni kućanski i slični aparati za hlađenje i zamrzavanje
– Čuvanje hrane (IEC 63169/am1 ED1)

prEN IEC 63369-1:2023 en
Methodology for the carbon footprint calculation applicable to
industrial lithium-ion batteries (IEC 63369-1 ED1)
Metodologija za izračunavanje ugljičnog otiska primjenjiva na
litij-ionske baterije (IEC 63369-1 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 22, *Cestovna vozila*

HRN ISO 19438:2004 en
Filtri dizelskoga goriva i benzina za motore s unutarnjim izgaranjem – Određivanje učinkovitosti pročišćivanja brojem čestica i sposobnošću zadržavanja nečistoća (ISO 19438:2003)
Diesel fuel and petrol filters for internal combustion engines – Filtration efficiency using particle counting and contaminant retention capacity (ISO 19438:2003)
- zamijenjena s: HRN ISO 19438:2024

HZN/TO 25, *Ljevarstvo*

HRN EN 1561:2011 en
Ljevarstvo – Sivi željezni lijevovi (EN 1561:2011)
Founding – Grey cast iron (EN 1561:2011)
- zamijenjena s: HRN EN 1561:2024

HRN EN 16079:2012 en
Ljevarstvo – Vermikularni lijevovi (EN 16079:2011)
Founding – Compacted (vermicular) graphite cast irons (EN 16079:2011)
- zamijenjena s: HRN EN 16079:2024

HZN/TO 74, *Cement i vapno*

HRN CR 13933:2004 en
Zidarski cement – Ispitivanje obradivosti (kohezivnosti) (CR 13933:2000)
Masonry cement – Testing for workability (cohesivity) (CR 13933:2000)
- zamijenjena s: HRI CEN/TR 13933:2024

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

HRN EN ISO 23953-1:2015 en
Rashladne vitrine – 1. dio: Terminološki rječnik (ISO 23953-1:2015; EN ISO 23953-1:2015)
Refrigerated display cabinets – Part 1: Vocabulary (ISO 23953-1:2015; EN ISO 23953-1:2015)
- zamijenjena s: HRN EN ISO 23953-1:2024

HRN EN ISO 23953-2:2015 en
Rashladne vitrine – 2. dio: Razredba, zahtjevi i uvjeti ispitivanja (ISO 23953-2:2015; EN ISO 23953-2:2015)
Refrigerated display cabinets – Part 2: Classification, requirements and test conditions (ISO 23953-2:2015; EN ISO 23953-2:2015)
- zamijenjena s: HRN EN ISO 23953-2:2024

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN 1789:2020 en
Medicinska vozila i njihova oprema – Cestovna medicinska vozila (EN 1789:2020)
Medical vehicles and their equipment – Road ambulances (EN 1789:2020)
- zamijenjena s: HRN EN 1789:2024

HZN/TO 130, *Grafička tehnologija*

HRN ISO 12643-1:2014 en
Grafička tehnologija – Sigurnosni zahtjevi za grafičku opremu i sustave – 1. dio: Opći zahtjevi (ISO 12643-1:2009)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 1: General requirements (ISO 12643-1:2009)
- zamijenjena s: HRN EN ISO 12643-1:2024

HRN ISO 12643-2:2014 en
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave u grafičkoj tehnologiji – 2. dio: Oprema i sustavi za grafičku pripremu i tisak (ISO 12643-2:2010)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 2: Prepress and press equipment and systems (ISO 12643-2:2010)
- zamijenjena s: HRN EN ISO 12643-2:2024

HRN ISO 12643-5:2017 en
Grafička tehnologija – Sigurnosni zahtjevi za grafičku opremu i sustave – 5. dio: Samostalni zaklopni strojevi (ISO 12643-5:2010)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 5: Stand-alone platen presses (ISO 12643-5:2010)
- zamijenjena s: HRN EN ISO 12643-5:2024

HZN/TO 134, *Gnojiva i poboljšivači tla*

HRN EN 15705:2010 en
Gnojiva – Određivanje kondenzata uree tekućinskom kromatografijom visokog učinka (HPLC) – Izobutilidendiurea i krotonilidendiurea (metoda A) i oligomeri metilen-uree (metoda B) (EN 15705:2010)
Fertilizers – Determination of urea condensates using high-performance liquid chromatography (HPLC) – Isobutylidenediurea and crotonylidenediurea (method A) and methylen-urea oligomers (method B) (EN 15705:2010)
- zamijenjena s: HRN EN 15705:2024, HRN EN 17864:2024

HRN EN 15959:2012 en
Gnojiva – Određivanje ekstrahiranog fosfora (EN 15959:2011)
Fertilizers – Determination of extracted phosphorus (EN 15959:2011)
- zamijenjena s: HRN EN 15959:2024

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN 25580:2000 hr
Nerazorno ispitivanje – Iluminatori za industrijsku radiografiju – Najmanji zahtjevi (ISO 5580:1985; EN 25580:1992)
Non-destructive testing – Industrial radiographic illuminators – Minimum requirements (ISO 5580:1985; EN 25580:1992)
- zamijenjena s: HRN EN ISO 5580:2024

HZN/TO 136, *Namještaj*

HRN EN 15185:2011 en
Namještaj – Procjena otpornosti površine na habanje (EN 15185:2011)
Furniture – Assessment of the surface resistance to abrasion (EN 15185:2011)
- zamijenjena s: HRN EN 15185:2024

HRN EN 15372:2016 en
Namještaj – Čvrstoća, trajnost i sigurnost – Zahtjevi za stolove koji nisu za kućnu uporabu (EN 15372:2016)
Furniture – Strength, durability and safety – Requirements for non-domestic tables (EN 15372:2016)
- zamijenjena s: HRN EN 15372:2024

HRN EN 16121:2017 en
Namještaj za skladištenje koji nije za kućnu uporabu – Zahtjevi za sigurnost, čvrstoću, izdržljivost i stabilnost (EN 16121:2013+A1:2017)
Non-domestic storage furniture – Requirements for safety, strength, durability and stability (EN 16121:2013+A1:2017)
- zamijenjena s: HRN EN 16121:2024

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

HRN EN 751-3:2022 en
Brtve za metalne spojnice s navojem u dodiru s plinovima prve, druge i treće skupine i vrućom vodom – 3. dio: Nesinterirane PTFE trake i PTFE niti (EN 751-3:2022)
Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water – Part 3: Unsintered PTFE tapes and PTFE strings (EN 751-3:2022)
- zamijenjena s: HRN EN 751-3:2024

HRN EN ISO 16486-1:2020 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Cijevni sustavi od neomekšanog poliamida (PA-U) sa zavarivanjem i mehaničkim spajanjem – 1. dio: Općenito (ISO 16486-1:2020; EN ISO 16486-1:2020)
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 1: General (ISO 16486-1:2020; EN ISO 16486-1:2020)
- zamijenjena s: HRN EN ISO 16486-1:2024

HZN/TO 146, Kvaliteta zraka

HRN EN 14662-1:2007 en
Kvaliteta vanjskog zraka – Standardna metoda za mjerenje koncentracija benzena – 1. dio: Uzorkovanje prisiljavanjem uz termičku desorpciju i analizu plinskom kromatografijom (EN 14662-1:2005)
Ambient air quality – Standard method for measurement of benzene concentrations – Part 1: Pumped sampling followed by thermal desorption and gas chromatography (EN 14662-1:2005)
- zamijenjena s: HRN EN 14662-1:2024

HRN EN 15267-3:2008 en
Kakvoća zraka – Certifikacija automatskih mjernih sustava – 3. dio: Kriteriji izvedbe i procesa ispitivanja automatskih mjernih sustava za praćenje emisije iz stacionarnih izvora (EN 15267-3:2007)
Air quality – Certification of automated measuring systems – Part 3: Performance criteria and test procedures for automated measuring systems for monitoring emissions from stationary sources (EN 15267-3:2007)
- zamijenjena s: HRN EN 15267-3:2024

HRN EN 15267-4:2017 en
Kvaliteta zraka – Certifikacija automatskih mjernih sustava – 4. dio: Kriteriji izvedbe i postupci ispitivanja automatskih mjernih sustava za povremena mjerenja emisija iz nepokretnih izvora (EN 15267-4:2017)
Air quality – Certification of automated measuring systems – Part 4: Performance criteria and test procedures for automated measuring systems for periodic measurements of emissions from stationary sources (EN 15267-4:2017)
- zamijenjena s: HRN EN 15267-4:2024

HZN/TO 147, Kvaliteta vode

HRN ISO 6060:2003 hr
Kakvoća vode – Određivanje kemijske potrošnje kisika (ISO 6060:1989)
Water quality – Determination of the chemical oxygen demand (ISO 6060:1989)
- bez zamjene

HZN/TO 181, Sigurnost igračka i proizvodi za djecu

HRN EN 1273:2020 en
Proizvodi za dojenčad i malu djecu – Hodalice – Sigurnosni zahtjevi i metode ispitivanja (EN 1273:2020)
Child care articles – Baby walking frames – Safety requirements and test methods (EN 1273:2020)
- zamijenjena s: HRN EN 1273:2024

HZN/TO 218, Drvo

HRN EN 20-1:2008 en
Sredstva za zaštitu drva – Određivanje učinkovitosti zaštite protiv Lyctus Brunneus (Stephens) – 1. dio: Primjena površinskim tretmanom (laboratorijska metoda) (EN 20-1:1992)
Wood preservatives – Determination of the protective effectiveness against Lyctus Brunneus (Stephens) – Part 1: Application by surface treatment (laboratory method) (EN 20-1:1992)
- zamijenjena s: HRN EN 20-1:2024

HRN EN 20-2:2008 en
Sredstva za zaštitu drva – Određivanje učinkovitosti zaštite protiv Lyctus Brunneus (Stephens) – 2. dio: Primjena impregnacijom (laboratorijska metoda) (EN 20-2:1993)
Wood preservatives – Determination of the protective effectiveness against Lyctus brunneus (Stephens) – Part 2: Application by impregnation (Laboratory method) (EN 20-2:1993)
- zamijenjena s: HRN EN 20-2:2024

HRN EN 117:2012 en
Sredstva za zaštitu drva – Određivanje toksičnih vrijednosti protiv Reticulitermes species (Europski termiti) (Laboratorijska metoda) (EN 117:2012)
Wood preservatives – Determination of toxic values against Reticulitermes species (European termites) (Laboratory method) (EN 117:2012)
- zamijenjena s: HRN EN 117:2024

HRN EN 370:2008 en
Sredstva za zaštitu drva – Određivanje učinkovitosti istrjebljenja u sprečavanju pojave Anobium punctatum (De Geer) (EN 370:1993)
Wood preservatives – Determination of eradicator efficacy in preventing emergence of Anobium punctatum (De Geer) (EN 370:1993)
- zamijenjena s: HRN EN 370:2024

HZN/TO 502, Plinski uređaji

HRN EN 26:2015 en
Plinske protočne grijalice vode za sanitarnu upotrebu (EN 26:2015)
Gas-fired instantaneous water heaters for the production of domestic hot water (EN 26:2015)
- zamijenjena s: HRN EN 26:2024

HRN EN 30-1-1:2022 en
Plinski uređaji za kuhanje za kućanstva – Dio 1-1: Sigurnost – Općenito (EN 30-1-1:2021)
Domestic cooking appliances burning gas – Part 1-1: Safety – General (EN 30-1-1:2021)
- zamijenjena s: HRN EN 30-1-1:2024

HRN EN 88-1:2022 en
Sigurnosni i regulacijski uređaji za plinske plamenike i plinske uređaje – 1. dio: Regulatori tlaka za ulazne tlakove do 50 kPa i uključujući 50 kPa (EN 88-1:2022)
Safety and control devices for gas burners and gas burning appliances – Part 1: Pressure regulators for inlet pressures up to and including 50 kPa (EN 88-1:2022)
- zamijenjena s: HRN EN 88-1:2024

HRN EN 203-1:2022 en
Ugostiteljska oprema na plin – 1. dio: Opći sigurnosni zahtjevi (EN 203-1:2021)
Gas heated catering equipment – Part 1: General safety requirements (EN 203-1:2021)
- zamijenjena s: HRN EN 203-1:2024

HRN EN 203-2-1:2022 en
Ugostiteljska oprema na plin – Dio 2-1: Posebni zahtjevi – Otvoreni plamenici i wok plamenici (EN 203-2-1:2021)
Gas heated catering equipment – Part 2-1: Specific requirements – Open burners and wok burners (EN 203-2-1:2021)
- zamijenjena s: HRN EN 203-2-1:2024

HRN EN 203-2-2:2022 en
Ugostiteljska oprema na plin – Dio 2-2: Posebni zahtjevi – Pećnice (EN 203-2-2:2021)
Gas heated catering equipment – Part 2-2: Specific requirements – Ovens (EN 203-2-2:2021)
- zamijenjena s: HRN EN 203-2-2:2024

HRN EN 203-2-4:2022 en
Ugostiteljska oprema na plin – Dio 2-4: Posebni zahtjevi – Friteze (EN 203-2-4:2021)
Gas heated catering equipment – Part 2-4: Specific requirements – Fryers (EN 203-2-4:2021)
- zamijenjena s: HRN EN 203-2-4:2024

HRN EN 257:2022 en
Mehanički termostati za plinske uređaje (EN 257:2022)
Mechanical thermostats for gas-burning appliances (EN 257:2022)
- zamijenjena s: HRN EN 257:2024

HRN EN 1106:2022 en
Ručni regulacijski pipci za plinske uređaje (EN 1106:2022)
Manually operated taps for gas burning appliances (EN 1106:2022)
- zamijenjena s: HRN EN 1106:2024

HRN EN 1854:2023 en
Sigurnosni i regulacijski uređaji za plamenike i uređaje na plinovita i/ili tekuća goriva – Osjetnici tlaka za plinske plamenike i plinske uređaje (EN 1854:2022)
Safety and control devices for burners and appliances burning gaseous and/or liquid fuels – Pressure sensing devices for gas burners and gas burning appliances (EN 1854:2022)
- zamijenjena s: HRN EN 1854:2024

HRN EN 15502-1:2021 en
Plinski kotlovi za centralno grijanje – 1. dio: Opći zahtjevi i ispitivanja (EN 15502-1:2021)
Gas-fired heating boilers – Part 1: General requirements and tests (EN 15502-1:2021)
- zamijenjena s: HRN EN 15502-1:2024

HRN EN 15502-1:2021/Ispr.1:2022 en
Plinski kotlovi za centralno grijanje – 1. dio: Opći zahtjevi i ispitivanja (EN 15502-1:2021/AC:2022)
Gas-fired heating boilers – Part 1: General requirements and tests (EN 15502-1:2021/AC:2022)
- zamijenjena s: HRN EN 15502-1:2024

HRN EN 15502-2-1:2022 en
Plinski kotlovi za centralno grijanje – Dio 2-1: Specifična norma za uređaje tipa C i uređaje tipa B2, B3 i B5 nazivne ulazne topline koja ne prelazi 1 000 kW (EN 15502-2-1:2022)
Gas-fired central heating boilers – Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW (EN 15502-2-1:2022)
- zamijenjena s: HRN EN 15502-2-1:2024

HRN EN 16898:2022 en
Sigurnosni i kontrolni uređaji za plinske plamenike i plinske uređaje – Plinski filtri maksimalnoga radnog tlaka do 600 kPa i uključujući 600 kPa (EN 16898:2022)
Safety and control devices for gas burners and gas burning appliances – Gas filters having a maximum working pressure up to and including 600 kPa (EN 16898:2022)
- zamijenjena s: HRN EN 16898:2024

HZN/TO 503, Metalni materijali

HRN EN 573-3:2022 en
Aluminij i aluminijeve legure – Kemijski sastav i oblik gnječanih proizvoda – 3. dio: Kemijski sastav i oblik proizvoda (EN 573-3:2019+A1:2022)
Aluminium and aluminium alloys – Chemical composition and form of wrought products – Part 3: Chemical composition and form of products (EN 573-3:2019+A1:2022)
- zamijenjena s: HRN EN 573-3:2024

HRN EN ISO 6508-1:2016 en
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 1. dio: Metoda ispitivanja (ISO 6508-1:2016; EN ISO 6508-1:2016)
Metallic materials – Rockwell hardness test – Part 1: Test method (ISO 6508-1:2016; EN ISO 6508-1:2016)
- zamijenjena s: HRN EN ISO 6508-1:2024

HRN EN ISO 6508-2:2015 en
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja i utiskivača (ISO 6508-2:2015; EN ISO 6508-2:2015)
Metallic materials – Rockwell hardness test – Part 2: Verification and calibration of testing machines and indenters (ISO 6508-2:2015; EN ISO 6508-2:2015)
- zamijenjena s: HRN EN ISO 6508-2:2024

HRN EN ISO 6508-3:2015 en
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 3. dio: Umjeravanje referentnih pločica (ISO 6508-3:2015; EN ISO 6508-3:2015)
Metallic materials – Rockwell hardness test – Part 3: Calibration of reference blocks (ISO 6508-3:2015; EN ISO 6508-3:2015)
- zamijenjena s: HRN EN ISO 6508-3:2024

HRN EN 10088-1:2015 en
Nehrđajući čelici – 1. dio: Popis nehrđajućih čelika (EN 10088-1:2014)
Stainless steels – Part 1: List of stainless steels (EN 10088-1:2014)
- zamijenjena s: HRN EN 10088-1:2024

HRN EN 10088-3:2015 en
Nehrđajući čelici – 3. dio: Tehnički uvjeti isporuke za poluproizvode, šipke, valjanu žicu, vučenu žicu, profile i svijetlo vučene proizvode od korozijski postojećih čelika za opće namjene (EN 10088-3:2014)
Stainless steels – Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general purposes (EN 10088-3:2014)
- zamijenjena s: HRN EN 10088-3:2024

HRN EN 10264-3:2012 en
Čelična žica i žičani proizvodi – Čelična žica za užad – 3. dio: Hladno vučena i hladno oblikovana žica od nelegiranog čelika za visoka opterećenja (EN 10264-3:2012)
Steel wire and wire products – Steel wire for ropes – Part 3: Round and shaped non alloyed steel wire for high duty applications (EN 10264-3:2012)
- zamijenjena s: HRN EN 10264-3:2024

HRN EN 10305-3:2016 en
Precizne čelične cijevi – Tehnički uvjeti isporuke – 3. dio: Zavarene hladno valjane cijevi (EN 10305-3:2016)
Steel tubes for precision applications – Technical delivery conditions – Part 3: Welded cold sized tubes (EN 10305-3:2016)
- zamijenjena s: HRN EN 10305-3:2024

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 13485:2007 en
Termometri za mjerenje temperature zraka i proizvoda, za prijevoz, skladištenje i distribuciju ohlađene, smrznute, duboko/brzo smrznute hrane i sladoleda – Ispitivanja, izvedba, prikladnost (EN 13485:2001)
Thermometers for measuring the air and product temperature for the transport, storage and distribution of chilled, frozen, deepfrozen/quick-frozen food and ice cream – Tests, performance, suitability (EN 13485:2001)
- zamijenjena s: HRN EN 13485:2024

HRN EN 13486:2008 en
Termografi i termometri za transport, skladištenje i distribuciju ohlađene, smrznute, duboko smrznute/brzo-smrznute hrane i sladoleda – Periodično provjeravanje (EN 13486:2001)
Temperature recorders and thermometers for the transport, storage and distribution of chilled, frozen, deep-frozen/quick-frozen food and ice cream – Periodic verification (EN 13486:2001)
- zamijenjena s: HRN EN 13486:2024

HRN EN 13757-2:2018 en
Komunikacijski sustavi za mjerila – 2. dio: Komunikacija žičnim sustavom M-Bus (EN 13757-2:2018)
Communication systems for meters – Part 2: Wired M-Bus communication (EN 13757-2:2018)
- zamijenjena s: HRN EN 13757-2:2024

HZN/TO 526, Bitumenska veziva

HRS CEN/TS 16346:2012 en
Bitumenska veziva – Određivanje stupnja stabilnosti i neposrednog prijanjanja kationskih bitumenskih emulzija na frakciju agregata 2/4 mm (CEN/TS 16346:2012)
Bituminous binders – Determination of breaking behaviour and immediate adhesivity of cationic bituminous emulsions with 2/4 mm aggregate (CEN/TS 16346:2012)
- zamijenjena s: HRN EN 16346:2024

HZN/TO 528, Oprema za željeznice

HRN EN 13979-1:2020 en
Željeznički sustav – Osovinski sklopovi i okretna postolja – Monoblok kotači – Postupak tehničkog odobravanja – 1. dio: Kovani i valjani kotači (EN 13979-1:2020)
Railway applications – Wheelsets and bogies – Monobloc Wheels – Technical approval procedure – Part 1: Forged and rolled wheels (EN 13979-1:2020)
- zamijenjena s: HRN EN 13979-1:2024

HRN EN 15152:2019 en
Željeznički sustav – Vjetrobranska stakla za vlakove (EN 15152:2019)
Railway applications – Windscreens for trains (EN 15152:2019)
- zamijenjena s: HRN EN 15152:2024

HZN/TO 531, *Plastika i guma*

HRN EN ISO 182-3:2004 en
Plastika – Određivanje sklonosti smjesa i proizvoda vinil-klorid homopolimera i kopolimera prema stvaranju vodik klorida i ostalih kiselinskih proizvoda pri povišenim temperaturama – 3. dio: Konduktometrijska metoda (ISO 182-3:1993; EN ISO 182-3:2000)
Plastics – Determination of the tendency of compounds and products based on vinyl chloride homopolymers and copolymers to evolve hydrogen chloride and any other acidic products at elevated temperatures – Part 3: Conductometric method (ISO 182-3:1993; EN ISO 182-3:2000)
- zamijenjena s: HRN EN ISO 182-3:2024

HRN EN ISO 8256:2004 en
Plastika – Određivanje rastezne žilavosti (ISO 8256:2004; EN ISO 8256:2004)
Plastics – Determination of tensile-impact strength (ISO 8256:2004; EN ISO 8256:2004)
- zamijenjena s: HRN EN ISO 8256:2024

HRI CEN/TR 16862:2015 en
Nadzornik zavarivanja plastike – Zadatak, odgovornosti, znanja, vještine i nadležnost (CEN/TR 16862:2015)
Plastics welding supervisor – Task, responsibilities, knowledge, skills and competence (CEN/TR 16862:2015)
- zamijenjena s: HRI CEN/TR 16862:2024

HRN EN ISO 20753:2018 en
Plastika – Ispitni uzorci (ISO 20753:2018; EN ISO 20753:2018)
Plastics – Test specimens (ISO 20753:2018; EN ISO 20753:2018)
- zamijenjena s: HRN EN ISO 20753:2024

HZN/TO 533, *Kolničke konstrukcije*

HRN EN 12697-22:2020 en
Bitumenske mješavine – Metode ispitivanja – 22. dio: Kolotražnje (EN 12697-22:2020)
Bituminous mixtures – Test methods – Part 22: Wheel tracking (EN 12697-22:2020)
- zamijenjena s: HRN EN 12697-22:2024

HZN/TO 534, *Spremnici za teret*

HRN EN 14025:2018 en
Spremnici za prijevoz opasnih tvari – Metalni tlačni spremnici – Projektiranje i konstrukcija (EN 14025:2018)
Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction (EN 14025:2018)
- zamijenjena s: HRN EN 14025:2024

HRN EN 14025:2018/Ispr.1:2020 en
Spremnici za prijevoz opasnih tvari – Metalni tlačni spremnici – Projektiranje i konstrukcija (EN 14025:2018/AC:2020)
Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction (EN 14025:2018/AC:2020)
- zamijenjena s: HRN EN 14025:2024

HZN/TO 535, *Agregati*

HRN EN 1097-1:2011 en
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 1. dio: Određivanje otpornosti na habanje (micro-Deval) (EN 1097-1:2011)
Tests for mechanical and physical properties of aggregates – Part 1: Determination of the resistance to wear (micro-Deval) (EN 1097-1:2011)
- zamijenjena s: HRN EN 1097-1:2024

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

HRN EN 16005:2013 en
Strojno pogonjena vrata za pješake – Sigurnost upotrebe – Zahtjevi i metode ispitivanja (EN 16005:2012)
Power operated pedestrian doorsets – Safety in use – Requirements and test methods (EN 16005:2012)
- zamijenjena s: HRN EN 16005:2024

HRN EN 16005:2013/Ispr.1:2015 en
Strojno pogonjena vrata za pješake – Sigurnost upotrebe – Zahtjevi i metode ispitivanja (EN 16005:2012/AC:2015)
Power operated pedestrian doorsets – Safety in use – Requirements and test methods (EN 16005:2012/AC:2015)
- zamijenjena s: HRN EN 16005:2024

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

HRN EN 253:2019 en
Cijevi za daljinsko grijanje – Povezani cijevni sustavi s jednom cijevi za ukopane vrelovodne mreže – Tvornički izrađen cijevni sklop od čelične cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice (EN 253:2019)
District heating pipes – Bonded single pipe systems for directly buried hot water networks – Factory made pipe assembly of steel service pipe, polyurethane thermal insulation and a casing of polyethylene (EN 253:2019)
- zamijenjena s: HRN EN 253:2024

HZN/TO 543, *Poštanske usluge*

HRN EN 14534:2017 en
Poštanske usluge – Kvaliteta usluga – Mjerenje vremena prijenosa pošiljaka u velikim količinama od prijama do uručenja (EN 14534:2016)
Postal services – Quality of service – Measurement of the transit time of end-to-end services for bulk mail (EN 14534:2016)
- zamijenjena s: HRN EN 14534:2024

HRN EN 14534:2017/Ispr.1:2017 en
Poštanske usluge – Kvaliteta usluga – Mjerenje vremena prijenosa pošiljaka u velikim količinama od prijama do uručenja (EN 14534:2016/AC:2017)
Postal services – Quality of service – Measurement of the transit time of end-to-end services for bulk mail (EN 14534:2016/AC:2017)
- zamijenjena s: HRN EN 14534:2024

HZN/TO 550, *Opskrba vodom*

HRN EN 200:2008 en
Sanitarne armature – Pojedinačne i kombinirane slavine za vodoopskrbne sustave tip 1 i tip 2 – Opća tehnička specifikacija (EN 200:2008)
Sanitary tapware – Single taps and combination taps for water supply systems of type 1 and type 2 – General technical specification (EN 200:2008)
- zamijenjena s: HRN EN 200:2024

HRN EN 14944-3:2008 en
Utjecaj cementnih proizvoda na vodu namijenjenu ljudskoj uporabi – Ispitne metode – 3. dio: Migracija tvari iz tvornički proizvedenih cementnih proizvoda (EN 14944-3:2007)
Influence of cementitious products on water intended for human consumption – Test methods – Part 3: Migration of substances from factory-made cementitious products (EN 14944-3:2007)
- zamijenjena s: HRN EN 14944-3:2024

HZN/TO 556, *Osobna zaštitna oprema*

HRN EN 360:2008 en
Osobna zaštitna oprema protiv pada s visine – Naprave za zaustavljanje pada s uvlačivom trakom (EN 360:2002)
Personal protective equipment against falls from a height – Retractable type fall arresters (EN 360:2002)
- zamijenjena s: HRN EN 360:2024

HRN EN ISO 12311:2013 en
Osobna zaštitna oprema – Metode ispitivanja za sunčane naočale i očna pomagala (ISO 12311:2013, ispravljena verzija 2014-08-15; EN ISO 12311:2013)
Personal protective equipment – Test methods for sunglasses and related eyewear (ISO 12311:2013, Corrected version 2014-08-15; EN ISO 12311:2013)
- zamijenjena s: HRN EN ISO 12311:2024

HZN/TO 558, *Zaštita dišnih putova*

HRN EN 12941:2002 en
Zaštitne naprave za disanje – Filtarske naprave s upuhivanjem s kacigom ili kapuljačom – Zahtjevi, ispitivanje, označavanje (EN 12941:1998)
Respiratory protective devices – Powered filtering devices incorporating a helmet or a hood – Requirements, testing, marking (EN 12941:1998)
- zamijenjena s: HRN EN 12941:2024

HRN EN 12941:2002/A1:2004 en
Zaštitne naprave za disanje – Filtarske naprave s upuhivanjem s kacigom ili kapuljačom – Zahtjevi, ispitivanje, označivanje (EN 12941:1998/A1:2003)
Respiratory protective devices – Powered filtering devices incorporating a helmet or a hood – Requirements, testing, marking (EN 12941:1998/A1:2003)
- zamijenjena s: HRN EN 12941:2024

HRN EN 12941:2002/A2:2010 en
Zaštitne naprave za disanje – Filtarske naprave s upuhivanjem s kacigom ili kapuljačom – Zahtjevi, ispitivanje, označivanje (EN 12941:1998/A2:2008)
Respiratory protective devices – Powered filtering devices incorporating a helmet or a hood – Requirements, testing, marking (EN 12941:1998/A2:2008)
- zamijenjena s: HRN EN 12941:2024

HRN EN 12942:2002 en
Zaštitne naprave za disanje – Filtarske naprave s upuhivanjem s maskom za cijelo lice, polumaskom ili četvrtmaskom – Zahtjevi, ispitivanje, označivanje (EN 12942:1998)
Respiratory protective devices – Power assisted filtering devices incorporating full face masks, half masks or quarter masks – Requirements, testing, marking (EN 12942:1998)
- zamijenjena s: HRN EN 12942:2024

HRN EN 12942:2002/A1:2003 en
Zaštitne naprave za disanje – Filtarske naprave s upuhivanjem s maskom za cijelo lice, polumaskom ili četvrtmaskom – Zahtjevi, ispitivanje, označivanje (EN 12942:1998/A1:2002)
Respiratory protective devices incorporating full face masks, half masks or quarter masks – Requirements, testing, marking (EN 12942:1998/A1:2002)
- zamijenjena s: HRN EN 12942:2024

HRN EN 12942:2002/A2:2010 en
Zaštitne naprave za disanje – Filtarske naprave s upuhivanjem s maskom za cijelo lice, polumaskom ili četvrtmaskom – Zahtjevi, ispitivanje, označivanje (EN 12942:1998/A2:2008)
Respiratory protective devices – Power assisted filtering devices incorporating full face masks, half masks or quarter masks – Requirements, testing, marking (EN 12942:1998/A2:2008)
- zamijenjena s: HRN EN 12942:2024

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 3758:2012 en
Tekstil – Označivanje njege primjenom simbola (ISO 3758:2012; EN ISO 3758:2012)
Textiles – Care labelling code using symbols (ISO 3758:2012; EN ISO 3758:2012)
- zamijenjena s: HRN EN ISO 3758:2024

HZN/TO 563, Sigurnost strojeva

HRN EN 1010-1:2011 en
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 1. dio: Opći zahtjevi (EN 1010-1:2004+A1:2010)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 1: Common requirements (EN 1010-1:2004+A1:2010)
- zamijenjena s: HRN EN ISO 12643-1:2024

HRN EN 1010-2:2012 en
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 2. dio: Strojevi za tiskanje i premazivanje papira uključujući i strojeve za predtiještenje (EN 1010-2:2006+A1:2010)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 2: Printing and varnishing machines including pre-press machinery (EN 1010-2:2006+A1:2010)
- zamijenjena s: HRN EN ISO 12643-2:2024

HRN EN 1010-3:2010 en
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 3. dio: Strojevi za rezanje (EN 1010-3:2002+A1:2009)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 3: Cutting machines (EN 1010-3:2002+A1:2009)
- zamijenjena s: HRN EN ISO 12643-3:2024

HRN EN 1010-4:2010 en
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 4. dio: Strojevi za uvezivanje, konvertiranje i završnu obradu knjiga (EN 1010-4:2004+A1:2009)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 4: Bookbinding, paper converting and finishing machines (EN 1010-4:2004+A1:2009)
- zamijenjena s: HRN EN ISO 12643-3:2024, HRN EN ISO 12643-4:2024

HRN EN 1010-5:2008 en
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za tiskanje i konvertiranje papira – 5. dio: Strojevi za izradu valovitih ploča i strojevi za konverziju ravnih i valovitih ploča (EN 1010-5:2005)
Safety of machinery – Safety requirements for the design and construction of printing and paper converting machines – Part 5: Machines for the production of corrugated board and machines for the conversion of flat and corrugated board (EN 1010-5:2005)
- zamijenjena s: HRN EN ISO 12643-5:2024, HRN EN ISO 12643-4:2024

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

HRN EN 1177:2019 en
Podloge za ublažavanje udara na igralištima – Metode ispitivanja za utvrđivanje svojstava ublažavanja udara (EN 1177:2018+AC:2019)
Impact attenuating playground surfacing – Methods of test for determination of impact attenuation (EN 1177:2018+AC:2019)
- zamijenjena s: HRN EN 1177:2024

HRN EN 12196:2005 en
Gimnastička oprema – Konj i kozlić – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 12196:2003)
Gymnastic equipment – Horses and bucks – Functional and safety requirements, test methods (EN 12196:2003)
- zamijenjena s: HRN EN 12196:2024

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN 61970-301:2017 en
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 301. dio: Osnove zajedničkog modela podataka (CIM) (IEC 61970-301:2016; EN 61970-301:2017)
Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2016; EN 61970-301:2017)
- zamijenjena s: HRN EN IEC 61970-301:2020

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60406:1999 en
Kazete za medicinsku dijagnostiku pomoću X-zraka – Radiografske kazete i mamografske kazete (IEC 60406:1997; EN 60406:1997)
Cassettes for medical X-ray diagnosis – Radiographic cassettes and mammographic cassettes (IEC 60406:1997; EN 60406:1997)
- bez zamjene

HRN EN 60601-2-20:2010 en
Medicinski električni uređaji – Dio 2-20: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke prijevornih inkubatora za novorođenčad (IEC 60601-2-20:2009; EN 60601-2-20:2009)
Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (IEC 60601-2-20:2009; EN 60601-2-20:2009)
- zamijenjena s: HRN EN IEC 60601-2-20:2020

HRN EN 60601-2-20:2010/A11:2012 en
Medicinski električni uređaji – Dio 2-20: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke prijevornih inkubatora za novorođenčad (EN 60601-2-20:2009/A11:2011)
Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (EN 60601-2-20:2009/A11:2011)
- zamijenjena s: HRN EN IEC 60601-2-20:2020

HRN EN 60601-2-20:2010/A1:2017 en
Medicinski električni uređaji – Dio 2-20: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke prijevoznih inkubatora za novorođenčad (IEC 60601-2-20:2009/am1:2016; EN 60601-2-20:2009/A1:2016)
Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (IEC 60601-2-20:2009/am1:2016; EN 60601-2-20:2009/A1:2016)
- zamijenjena s: HRN EN IEC 60601-2-20:2020

HRN EN 60601-3-1:2000 en
Medicinski električni uređaji – Dio 3-1: Bitne radne značajke uređaja za transkutano nadziranje parcijalnoga tlaka kisika i ugljičnoga dioksida (IEC 60601-3-1:1996; EN 60601-3-1:1996)
Medical electrical equipment – Part 3-1: Essential performance requirements for transcutaneous oxygen and carbon dioxide partial pressure monitoring equipment (IEC 60601-3-1:1996; EN 60601-3-1:1996)
- bez zamjene

HRN EN 61223-2-4:2000 en
Vrednovanje i redovito ispitivanje u medicinskoj slikovnoj dijagnostici – Dio 2-4: Ispitivanje stabilnosti – Kamere za slikovnu dokumentaciju (IEC 61223-2-4:1994; EN 61223-2-4:1994)
Evaluation and routine testing in medical imaging departments – Part 2-4: Constancy tests – Hard copy cameras (IEC 61223-2-4:1994; EN 61223-2-4:1994)
- bez zamjene

HRN EN 61223-2-5:2000 en
Vrednovanje i redovito ispitivanje u medicinskoj slikovnoj dijagnostici – Dio 2-5: Ispitivanje stabilnosti – Naprave za predočivanje slika (IEC 61223-2-5:1994; EN 61223-2-5:1994)
Evaluation and routine testing in medical imaging departments – Part 2-5: Constancy tests – Image display devices (IEC 61223-2-5:1994; EN 61223-2-5:1994)
- bez zamjene

HRN EN 61223-3-3:2000 en
Vrednovanje i redovito ispitivanje u medicinskoj slikovnoj dijagnostici – Dio 3-3: Prihvatna ispitivanja – Slikovne radne značajke rendgenskih uređaja za digitalnu suptraksijsku angiografiju (IEC 61223-3-3:1996; EN 61223-3-3:1996)
Evaluation and routine testing in medical imaging departments – Part 3-3: Acceptance tests – Imaging performance of X-ray equipment for digital subtraction angiography (DSA) (IEC 61223-3-3:1996; EN 61223-3-3:1996)
- bez zamjene

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

HRN EN 61010-2-202:2017 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-202: Posebni zahtjevi za električne aktuator ventila (IEC 61010-2-202:2016; EN 61010-2-202:2017)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-202: Particular requirements for electrically operated valve actuators (IEC 61010-2-202:2016; EN 61010-2-202:2017)
- zamijenjena s: HRN EN IEC 61010-2-202:2021

HRN EN 62541-3:2015 en
OPC objedinjena arhitektura – 3. dio: Address Space model (IEC 62541-3:2015; EN 62541-3:2015)
OPC Unified Architecture – Part 3: Address Space Model (IEC 62541-3:2015; EN 62541-3:2015)
- zamijenjena s: HRN EN IEC 62541-3:2020

HRN EN 62541-4:2015 en
OPC objedinjena arhitektura – 4. dio: Usluge (IEC 62541-4:2015; EN 62541-4:2015)
OPC Unified Architecture – Part 4: Services (IEC 62541-4:2015; EN 62541-4:2015)
- zamijenjena s: HRN EN IEC 62541-4:2020

HRN EN 62541-5:2015 en
OPC objedinjena arhitektura – 5. dio: Informacijski model (IEC 62541-5:2015; EN 62541-5:2015)
OPC Unified Architecture – Part 5: Information Model (IEC 62541-5:2015; EN 62541-5:2015)
- zamijenjena s: HRN EN IEC 62541-5:2020

HRN EN 62541-6:2015 en
OPC objedinjena arhitektura – 6. dio: Preslikavanja (IEC 62541-6:2015; EN 62541-6:2015)
OPC Unified Architecture – Part 6: Mappings (IEC 62541-6:2015; EN 62541-6:2015)
- zamijenjena s: HRN EN IEC 62541-6:2020

HRN EN 62541-10:2015 en
OPC objedinjena arhitektura – 10. dio: Programi (IEC 62541-10:2015; EN 62541-10:2015)
OPC unified Architecture – Part 10: Programs (IEC 62541-10:2015; EN 62541-10:2015)
- zamijenjena s: HRN EN IEC 62541-10:2020

HRN EN 62769-101-1:2015 en
Integracija uređaja u postrojenju (FDI) – Profili – Dio 101-1: Osnivanje Fieldbus H1 (IEC 62769-101-1:2015; EN 62769-101-1:2015)
Field Device Integration (FDI) – Profiles – Part 101-1: Foundation Fieldbus H1 (IEC 62769-101-1:2015; EN 62769-101-1:2015)
- zamijenjena s: HRN EN IEC 62769-101-1:2021

HRN EN 62769-101-2:2015 en
Integracija uređaja u postrojenju (FDI) – Profili – Dio 101-2: Osnivanje Fieldbus HSE (IEC 62769-101-2:2015; EN 62769-101-2:2015)
Field Device Integration (FDI) – Profiles – Part 101-2: Foundation Fieldbus HSE (IEC 62769-101-2:2015; EN 62769-101-2:2015)
- zamijenjena s: HRN EN IEC 62769-101-2:2021

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

HRN EN 60730-2-19/A11:2007 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-19: Posebni zahtjevi za električne ventile za ulje, uključujući mehaničke zahtjeve (EN 60730-2-19:2002/A11:2005)
Automatic electrical controls for household and similar use – Part 2-19: Particular requirements for electrically operated oil valves, including mechanical requirements (EN 60730-2-19:2002/A11:2005)
- bez zamjene

HRN EN 60730-2-19:2004 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-19: Posebni zahtjevi za električne ventile za ulje, uključujući mehaničke zahtjeve (IEC 60730-2-19:1997+A1:2000, preinačena; EN 60730-2-19:2002)
Automatic electrical controls for household and similar use – Part 2-19: Particular requirements for electrically operated oil valves, including mechanical requirements (IEC 60730-2-19:1997+A1:2000, modified; EN 60730-2-19:2002)
- bez zamjene

HRN EN 60730-2-19:2004/A2:2008 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-19: Posebni zahtjevi za električne ventile za ulje, uključujući mehaničke zahtjeve (IEC 60730-2-19:1997/am2:2007; EN 60730-2-19:2002/A2:2008)
Automatic electrical controls for household and similar use – Part 2-19: Particular requirements for electrically operated oil valves, including mechanical requirements (IEC 60730-2-19:1997/am2:2007; EN 60730-2-19:2002/A2:2008)
- bez zamjene

HZN/TO E79, Alarmni sustavi

HRN EN 50131-5-3:2007/IS1:2012 en
Alarmni sustavi – Protuprovalni alarmni sustavi – Dio 5-3: Zahtjevi na opremu za međusobno povezivanje upotrebom radiofrekvencijskih tehnika (EN 50131-5-3:2005/IS1:2010)
Alarm systems – Intrusion systems – Part 5-3: Requirements for interconnections equipment using radio frequency techniques (EN 50131-5-3:2005/IS1:2010)
- zamijenjena s: HRN EN 50131-5-3:2017

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

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

HZN/TO E88, Vjetroagregati

- HRN EN 61400-22:2014 en
Wind turbines – Part 22: Conformity testing and certification (IEC 61400-22:2010; EN 61400-22:2011)
- bez zamjene
- HRN EN 61400-22:2014/lsp.1:2020 en
Vjetroagregati – 22. dio: Ispitivanje sukladnosti i certifikacija (EN 61400-22:2011/AC:2020-04)
Wind turbines – Part 22: Conformity testing and certification (EN 61400-22:2011/AC:2020-04)
- bez zamjene
- HRN EN 61400-27-1:2015 en
Vjetroagregati – Dio 27-1: Modeli električne simulacije – Vjetroagregati (IEC 61400-27-1:2015; EN 61400-27-1:2015)
Wind turbines – Part 27-1: Electrical simulation models – Wind turbines (IEC 61400-27-1:2015; EN 61400-27-1:2015)
- zamijenjena s: HRN EN IEC 61400-27-1:2020

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

- HRN EN 60107-8:2003 en
Preporučene metode mjerenja na prijamnicima za radiodifuzijski prijenos televizijskog signala – 8. dio: Mjerenja na D2-MAC opremi (IEC 60107-8:1997; EN 60107-8:1997)
Recommended methods of measurements on receivers for television broadcast transmissions – Part 8: Measurement on D2-MAC/packet equipment (IEC 60107-8:1997; EN 60107-8:1997)
- bez zamjene
- HRN EN 60268-16:2012 en
Oprema audiosustava – 16. dio: Objektivno vrednovanje razumljivosti govora s pomoću indeksa razumljivosti govora (IEC 60268-16:2011; EN 60268-16:2011)
Sound system equipment – Part 16: Objective rating of speech intelligibility by speech transmission index (IEC 60268-16:2011; EN 60268-16:2011)
- zamijenjena s: HRN EN IEC 60268-16:2020
- HRN EN 60315-7:2003 en
Metode mjerenja na radijskim prijamnicima za različite vrste odašiljanja – 7. dio: Metode mjerenja na digitalnim satelitskim radioprijemnicima (DSR, Digital Satellite Radio) (IEC 60315-7:1995+Corr.1:1995; EN 60315-7:1995)
Methods of measurement on radio receivers for various classes of emission – Part 7: Methods of measurement on digital satellite radio (DSR) receivers (IEC 60315-7:1995+Corr.1:1995; EN 60315-7:1995)
- bez zamjene
- HRN EN 60933-4:2008 en
Audio, video and audiovisual systems – Interconnections and matching values – Part 4: Connector and cordset for domestic digital bus (D2B) (IEC 60933-4:1994; EN 60933-4:1994)
- bez zamjene
- HRN EN 61122:2008 en
Still video floppy disk magnetic recording system (IEC 61122:1992; EN 61122:1993)
- bez zamjene

- HRN EN 61937-1:2011 en
Digitalni audio – Sučelje za nelinearne tokove audio bitova kodiranih pulsno-kodnom modulacijom (PCM) koji primjenjuju IEC 60958 – 1. dio: Općenito (IEC 61937-1:2007; EN 61937-1:2007)
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 1: General (IEC 61937-1:2007; EN 61937-1:2007)
- bez zamjene
- HRN EN 61937-1:2011/A1:2012 en
Digitalni audio – Sučelje za nelinearne tokove audio bitova kodiranih pulsno-kodnom modulacijom (PCM) koji primjenjuju IEC 60958 – 1. dio: Općenito (IEC 61937-1:2007/am1:2011; EN 61937-1:2007/A1:2011)
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 1: General (IEC 61937-1:2007/am1:2011; EN 61937-1:2007/A1:2011)
- bez zamjene
- HRN EN 61937-9:2008 en
Digitalni audio – Sučelje za nelinearne tokove audio bitova kodiranih pulsno-kodnom modulacijom (PCM) koji primjenjuju IEC 60958 – 9. dio: Nelinearni tokovi bitova kodiranih pulsno-kodnom modulacijom (PCM) prema formatu MAT (IEC 61937-9:2007; EN 61937-9:2007)
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 9: Non-linear PCM bitstreams according to the MAT format (IEC 61937-9:2007; EN 61937-9:2007)
- bez zamjene
- HRN EN 61937-10:2012 en
Digitalni audio – Sučelje za nelinearne tokove audio bitova kodiranih pulsno-kodnom modulacijom (PCM) koji primjenjuju IEC 60958 – 10. dio: Nelinearni tokovi bitova kodiranih pulsno kodnom modulacijom (PCM) prema formatu MPEG-4 Audio Lossless Coding (ALS) (IEC 61937-10:2011; EN 61937-10:2011)
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 10: Non-linear PCM bitstreams according to the MPEG-4 Audio Lossless Coding (ALS) format (IEC 61937-10:2011; EN 61937-10:2011)
- bez zamjene
- HRN EN 61937-11:2011 en
Digitalni audio – Sučelje za nelinearne tokove audio bitova kodiranih pulsno-kodnom modulacijom (PCM) koji primjenjuju IEC 60958 – 11. dio: MPEG-4 AAC i njegova proširenja u LATM/LOAS (IEC 61937-11:2010; EN 61937-11:2010)
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 11: MPEG-4 AAC and its extensions in LATM/LOAS (IEC 61937-11:2010; EN 61937-11:2010)
- bez zamjene
- HRN EN 61966-12-1:2012 en
Multimedijски sustavi i oprema – Mjerenje i upravljanje bojama – Dio 12-1: Metapodaci (METADATA) za identifikaciju skale (opsega) boja (IEC 61966-12-1:2011; EN 61966-12-1:2011)
Multimedia systems and equipment – Colour measurement and management – Part 12-1: Metadata for identification of colour gamut (Gamut ID) (IEC 61966-12-1:2011; EN 61966-12-1:2011)
- bez zamjene
- HRN EN 62261-1:2011 en
Televizijski metapodaci (METADATA) – 1. dio: Struktura riječnika metapodataka (IEC 62261-1:2005; EN 62261-1:2006)
Television METADATA – Part 1: Metadata dictionary structure (IEC 62261-1:2005; EN 62261-1:2006)
- bez zamjene
- HRN EN 62261-2:2011 en
Televizijski metapodaci (METADATA) – 2. dio: Protokol za kodiranje podataka koji upotrebljava duljinu kao ključ vrijednosti (IEC 62261-2:2005; EN 62261-2:2006)
Television METADATA – Part 2: Data encoding protocol using key-length-value (IEC 62261-2:2005; EN 62261-2:2006)
- bez zamjene

HRN EN 62481-3:2014 en

Preporuke za zajednički rad DLNA (Digital living network alliance) kućnih umreženih uređaja – 3. dio: Zaštita veze (IEC 62481-3:2013; EN 62481-3:2014)
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection (IEC 62481-3:2013; EN 62481-3:2014)
- bez zamjene

HRN EN 62574:2012 en

Audio, video i multimedijски sustavi – Opće dodjeljivanje kanala višekanalnog audia (IEC 62574:2011; EN 62574:2011)
Audio, video and multimedia systems – General channel assignment of multichannel audio (IEC 62574:2011; EN 62574:2011)
- bez zamjene

HRN EN 62605:2016 en

Multimedijски sustavi i oprema – Multimedijско e-izdavaštvo i e-knjige – Format međusobne izmjene za e-rječnike (IEC 62605:2016; EN 62605:2016)
Multimedia systems and equipment – Multimedia e-publishing and e-books technologies – Interchange format for e-dictionaries (IEC 62605:2016; EN 62605:2016)
- bez zamjene

HZN/TO E501, *Elektroakustika i ultrazvuk*

HRN HD 450.3 S1:2012 en

Slušna pomagala – 3. dio: Slušna pomagala, kod kojih slušatelj ne nosi sve dijelove na sebi (IEC 60118-3:1983; HD 450.3 S1:1984)
Hearing aids – Part 3: Hearing aid equipment not entirely worn on the listener (IEC 60118-3:1983; HD 450.3 S1:1984)
- bez zamjene

HRN HD 450.9 S1:2012 en

Slušna pomagala – 9. dio: Postupci mjerenja značajki slušnih pomagala s vibratorom za koštanu vodljivost (IEC 60118-9:1985; HD 450.9 S1:1987)
Hearing aids – Part 9: Methods of measurement of characteristics of hearing aids with bone vibrator output (IEC 60118-9:1985; HD 450.9 S1:1987)
- bez zamjene

HRN EN 60645-3:2008 en

Elektroakustika – Audiometrijska oprema – 3. dio: Kratkotrajni ispitni signali (IEC 60645-3:2007; EN 60645-3:2007)
Electroacoustics – Audiometric equipment – Part 3: Test signals of short duration (IEC 60645-3:2007; EN 60645-3:2007)
- zamijenjena s: HRN EN IEC 60645-3:2020

HZN/TO E502, *Elektrotehnički aspekti telekomunikacijske opreme*

HRI CLC/TR 50600-99-1:2021 en

Informacijska tehnologija – Sredstva i infrastruktura podatkovnih centara – Dio 99-1: Preporučene prakse upravljanja energijom (CLC/TR 50600-99-1:2021)
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management (CLC/TR 50600-99-1:2021)
- bez zamjene

HRI CLC/TR 50600-99-2:2021 en

Informacijska tehnologija – Sredstva i infrastruktura podatkovnih centara – Dio 99-2: Preporučene prakse za okolišnu održivost (CLC/TR 50600-99-2:2021)
Information technology – Data centre facilities and infrastructures – Part 99-2: Recommended practices for environmental sustainability (CLC/TR 50600-99-2:2021)
- bez zamjene

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

HRN EN 13329:2021 en

Laminatne podne obloge – Elementi s površinskim slojem na bazi aminoplastičnih termostabilnih smola – Specifikacije, zahtjevi i metode ispitivanja (EN 13329:2016+A2:2021)
Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods (EN 13329:2016+A2:2021)
- zamijenjena s: HRN EN 13329:2024

HRN EN 14978:2021 en

Laminatne podne obloge – Elementi s površinskim slojem na bazi akrila otvrdnuti elektronskim snopom – Specifikacije, zahtjevi i metode ispitivanja (EN 14978:2016+A1:2021)
Laminate floor coverings – Elements with acrylic based surface layer, electron beam cured – Specifications, requirements and test methods (EN 14978:2016+A1:2021)
- zamijenjena s: HRN EN 13329:2024

HRN EN 15468:2021 en

Laminatne podne obloge – Elementi s gotovim otisnutim uzorkom i površinskim slojem od smole – Specifikacije, zahtjevi i metode ispitivanja (EN 15468:2016+A1:2021)
Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods (EN 15468:2016+A1:2021)
- zamijenjena s: HRN EN 13329:2024

HZN/TU I2, *Strojarstvo 2*

HRN EN 746-2:2011 en

Oprema za toplinske postupke u industriji – 2. dio: Sigurnosni zahtjevi za sustave za izgaranje i dovod goriva (EN 746-2:2010)
Industrial thermoprocessing equipment – Part 2: Safety requirements for combustion and fuel handling systems (EN 746-2:2010)
- zamijenjena s: HRN EN ISO 13577-2:2024

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

HRN EN 2267-011:2015 en

Zrakoplovstvo – Kabeli, električni, opće namjene – Radna temperatura između -55 °C i 200 °C – Dio 011: DZA porodica, jednožilni i višežilni sklop za upotrebu u atmosferi niskog tlaka – Norma za proizvod (EN 2267-011:2015)
Aerospace series – Cables; electrical; for general purpose – Operating temperatures between -55 °C and 260 °C – Part 011: DZA family, single and multicore assembly for use in low pressure atmosphere – Product standard (EN 2267-011:2015)
- zamijenjena s: HRN EN 2267-011:2024

HRN EN 2267-012:2015 en

Zrakoplovstvo – Kabeli, električni, opće namjene – Radna temperatura između -55 °C i 200 °C – Dio 012: DZA porodica, jednožilni predviđen za ispisivanje pomoću UV lasera u atmosferi niskog tlaka – Norma za proizvod (EN 2267-012:2015)
Aerospace series – Cables, electrical, for general purpose – Operating temperatures between -55 °C and 260 °C – Part 012: DZ family, single UV laser printable for use in low pressure atmosphere – Product standard (EN 2267-012:2015)
- zamijenjena s: HRN EN 2267-012:2024

HRN EN 2516:2020 en

Zrakoplovstvo – Pasivizacija čelika otpornih na koroziju i dekontaminacija legura na bazi nikla (EN 2516:2020)
Aerospace series – Passivation of corrosion resisting steels and decontamination of nickel base alloys (EN 2516:2020)
- zamijenjena s: HRN EN 2516:2024

HRN EN 3311:2011 en

Nizovi o zrakoplovstvu – Legura titana Ti-P64001 (Ti-6Al-4V) – Kaljeni – Šipke za strojnu obradu – D < 110 mm (EN 3311:2009)
Aerospace series – Titanium alloy Ti-P64001 (Ti-6Al-4V) – Annealed – Bar for machining – D < 110 mm (EN 3311:2009)
- zamijenjena s: HRN EN 3311:2024

HRN EN 3524:2008 en

Nizovi o zrakoplovstvu – Čelik FE-PL1505 (15CrMoV6) – Taljen na zraku – Kaljen i termički obrađen – Lim i traka – 2 mm ≤ a ≤ 6 mm – 1080 MPa ≤ Rm ≤ 1280 MPa (EN 3524:2007)
Aerospace series – Steel FE-PL1505 (15CrMoV6) – Air melted – Hardened and tempered – Sheet and strip – 2 mm ≤ a ≤ 6 mm – 1080 MPa ≤ Rm ≤ 1280 MPa (EN 3524:2007)
- zamijenjena s: HRN EN 3524:2024

HRN EN 3525:2008 en

Nizovi o zrakoplovstvu – Čelik FE-PL1505 (15CrMoV6) – Taljen na zraku – Kaljen i termički obrađen – Ploča – 6 mm < a ≤ 20 mm – 1080 MPa ≤ Rm ≤ 1280 MPa (EN 3525:2007)
Aerospace series – Steel FE-PL1505 (15CrMoV6) – Air melted – Hardened and tempered – Plate – 6 mm < a ≤ 20 mm – 1080 MPa ≤ Rm ≤ 1280 MPa (EN 3525:2007)
- zamijenjena s: HRN EN 3525:2024

- HRN EN 3526:2008 en
Nizovi o zrakoplovstvu – Čelik FE-PL1505 (15CrMoV6) – Taljen na zraku – Kaljen i termički obrađen – Lim i traka – 0,5 mm ≤ a ≤ 6 mm – 980 MPa ≤ Rm ≤ 1180 MPa (EN 3526:2007)
Aerospace series – Steel FE-PL1505 (15CrMoV6) – Air melted – Hardened and tempered – Sheet and strip – 0,5 mm ≤ a ≤ 6 mm – 980 MPa ≤ Rm ≤ 1180 MPa (EN 3526:2007)
- zamijenjena s: HRN EN 3526:2024
- HRN EN 4113:2011 en
Nizovi o zrakoplovstvu – Stege, s petljom (tipa „P“) od čelika otpornog na koroziju, pasivizirane s gumenim jastučićima – Dimenzije i mase (EN 4113:2009)
Aerospace series – Clamps, loop ("P" type) in corrosion resisting steel, passivated with rubber cushioning – Dimensions, masses (EN 4113:2009)
- zamijenjena s: HRN EN 4113:2024
- HRN EN 4114:2011 en
Nizovi o zrakoplovstvu – Stege, s petljom (tipa "P") od aluminija s gumenim jastučićima – Dimenzije i mase (EN 4114:2009)
Aerospace series – Clamps, loop ("P" type) in aluminium alloy with rubber cushioning – Dimensions, masses (EN 4114:2009)
- zamijenjena s: HRN EN 4114:2024
- HRN EN 9104-001:2013 en
Nizovi o zrakoplovstvu – Sustavi upravljanja kvalitetom – 001. dio: Zahtjevi za program certifikacije sustava upravljanja kvalitetom obrane, zrakoplovstva i svemira (EN 9104-001:2013)
Aerospace series – Quality management systems – Part 001: Requirements for Aviation, Space, and Defence Quality Management System Certification Programs (EN 9104-001:2013)
- zamijenjena s: HRN EN 9104-1:2024
- HRN EN 16307-5:2013 en
Industrijski kamioni – Sigurnosni zahtjevi i potvrđivanje – 5. dio: Dodatni zahtjevi za viličare pogonjene guranjem (EN 16307-5:2013)
Industrial trucks – Safety requirements and verification – Part 5: Supplementary requirements for pedestrian-propelled trucks (EN 16307-5:2013)
- zamijenjena s: HRN EN 16307-5:2024
- HRN EN 16604-10:2019 en
Održivost u svemiru – Zahtjevi za smanjivanje otpada u Zemljinj orbiti (ISO 24113:2011, MOD; EN 16604-10:2019)
Space sustainability – Space debris mitigation requirements (ISO 24113:2011, MOD; EN 16604-10:2019)
- zamijenjena s: HRN EN 16604-10:2024
- HZN/TU V1, Elektronika 1**
- HRN EN 45544-4:2016 en
Atmosfera radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerenje koncentracije otrovnih plinova i para – 4. dio: Uputa za odabir, ugradnju, uporabu i održavanje (EN 45544-4:2016)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 4: Guide for selection, installation, use and maintenance (EN 45544-4:2016)
- bez zamjene
- HRN EN 60169-24:2008 en
Radio-frequency connectors – Part 24: Radio-frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable distribution systems (Type F) (IEC 60169-24:1991; EN 60169-24:1993)
- bez zamjene
- HRN EN 60352-5:2012 en
Nelemljeni spojevi – 5. dio: Utisnuti spojevi – Opći zahtjevi, metode ispitivanja i praktične upute (IEC 60352-5:2012; EN 60352-5:2012)
Solderless connections – Part 5: Press-in connections – General requirements, test methods and practical guidance (IEC 60352-5:2012; EN 60352-5:2012)
- zamijenjena s: HRN EN IEC 60352-5:2020
- HRN EN 60352-5:2012/Ispr.1:2016 en
Nelemljeni spojevi – 5. dio: Utisnuti spojevi – Opći zahtjevi, metode ispitivanja i praktične upute (IEC 60352-5:2012/Corr.1:2014; EN 60352-5:2012/AC:2014)
Solderless connections – Part 5: Press-in connections – General requirements, test methods and practical guidance (IEC 60352-5:2012/Corr.1:2014; EN 60352-5:2012/AC:2014)
- zamijenjena s: HRN EN IEC 60352-5:2020
- HRN EN 60444-3:2008 en
Measurement of quartz crystal unit parameters by zero phase technique in a pi-network – Part 3: Basic method for the measurement of two-terminal parameters of quartz crystal units up to 200 MHz by phase technique in a pi-network with compensation of the parallel capacitance C0 (IEC 60444-3:1986; EN 60444-3:1997)
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- HRN EN 60603-7:2010 en
Konektori za elektroničku opremu – 7. dio: Detaljne specifikacije za 8-smjerne, neoklopljene, slobodne i fiksne konektore (IEC 60603-7:2008; EN 60603-7:2009)
Connectors for electronic equipment – Part 7: Detail specification for 8-way, unshielded, free and fixed connectors (IEC 60603-7:2008; EN 60603-7:2009)
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Konektori za elektroničku opremu – 7. dio: Detaljne specifikacije za 8-smjerne, neoklopljene, slobodne i fiksne konektore (IEC 60603-7:2008/am1:2011; EN 60603-7:2009/A1:2011)
Connectors for electronic equipment – Part 7: Detail specification for 8-way, unshielded, free and fixed connectors (IEC 60603-7:2008/am1:2011; EN 60603-7:2009/A1:2011)
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Konektori za elektroničku opremu – 7. dio: Detaljne specifikacije za 8-smjerne, neoklopljene, slobodne i fiksne konektore (IEC 60603-7:2008/am2:2019; EN 60603-7:2009/A2:2019)
Connectors for electronic equipment – Part 7: Detail specification for 8-way, unshielded, free and fixed connectors (IEC 60603-7:2008/am2:2019; EN 60603-7:2009/A2:2019)
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Connectors for frequencies below 3 MHz for use with printed boards – Part 9: Two-part connectors for printed boards, backpanels and cable connectors, basic grid of 2,54 mm (0,1 in) (IEC 60603-9:1990; EN 60603-9:1998)
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- HRN EN 60603-10:2008 en
Connectors for frequencies below 3 MHz for use with printed boards – Part 10: Two-part connectors for printed boards for basic grid of 2,54 mm (0,1 in), inverted type (IEC 60603-10:1991; EN 60603-10:1998)
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Discrete semiconductor devices and integrated circuits – Part 5-2: Optoelectronic devices – Essential ratings and characteristics (IEC 60747-5-2:1997+am1:2002; EN 60747-5-2:2001+A1:2002)
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- HRN EN 60747-5-3:2008 en
Discrete semiconductor devices and integrated circuits – Part 5-3: Optoelectronic devices – Measuring methods (IEC 60747-5-3:1997+am1:2002; EN 60747-5-3:2001+A1:2002)
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Poluvodički uređaji – Diskretni uređaji – Dio 5-5: Optoelektroničke komponente – Optoizolatori (IEC 60747-5-5:2007; EN 60747-5-5:2011)
Semiconductor devices – Discrete devices – Part 5-5: Optoelectronic devices – Photocouplers (IEC 60747-5-5:2007; EN 60747-5-5:2011)
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Poluvodički uređaji – Diskretni uređaji – Dio 5-5: Optoelektroničke komponente – Optoizolatori (IEC 60747-5-5:2007/am1:2013; EN 60747-5-5:2011/A1:2015) Semiconductor devices – Discrete devices – Part 5-5: Optoelectronic devices – Photocouplers (IEC 60747-5-5:2007/am1:2013; EN 60747-5-5:2011/A1:2015) - zamijenjena s: HRN EN IEC 60747-5-5:2020
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Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 15. dio: Otpornost elemenata za ugradnju kroz otvor na temperaturu lemljenja (IEC 60749-15:2010; EN 60749-15:2010) Semiconductor devices – Mechanical and climatic test methods – Part 15: Resistance to soldering temperature for through-hole mounted devices (IEC 60749-15:2010; EN 60749-15:2010) - zamijenjena s: HRN EN IEC 60749-15:2020
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Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 15. dio: Otpornost elemenata za ugradnju kroz otvor na temperaturu lemljenja (EN 60749-15:2010/AC:2011) Semiconductor devices – Mechanical and climatic test methods – Part 15: Resistance to soldering temperature for through-hole mounted devices (EN 60749-15:2010/AC:2011) - zamijenjena s: HRN EN IEC 60749-15:2020
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Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 20. dio: Otpornost poluvodičkih uređaja u plastičnim kućištima na kombinirani učinak vlage i topline lemljenja (IEC 60749-20:2008; EN 60749-20:2009) Semiconductor devices – Mechanical and climatic test methods – Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat (IEC 60749-20:2008; EN 60749-20:2009) - zamijenjena s: HRN EN IEC 60749-20:2020
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Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 30. dio: Kondicioniranje nehermetičkih elemenata za površinsku ugradnju prije ispitivanja pouzdanosti (IEC 60749-30:2005; EN 60749-30:2005) Semiconductor devices – Mechanical and climatic test methods – Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing (IEC 60749-30:2005; EN 60749-30:2005) - zamijenjena s: HRN EN IEC 60749-30:2020
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Poluvodičke komponente – Metode za mehanička i klimatska ispitivanja – 30. dio: Kondicioniranje nehermetičkih elemenata za površinsku ugradnju prije ispitivanja pouzdanosti (IEC 60749-30:2005/am1:2011; EN 60749-30:2005/A1:2011) Semiconductor devices – Mechanical and climatic test methods – Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing (IEC 60749-30:2005/am1:2011; EN 60749-30:2005/A1:2011) - zamijenjena s: HRN EN IEC 60749-30:2020
- HRN EN 60874-1-1:2012 en
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- HRN EN 60874-1:2012 en
Fibre optic interconnecting devices and passive components – Connectors for optical fibres and cables – Part 1: Generic specification (IEC 60874-1:2011; EN 60874-1:2012) - bez zamjene
- HRN EN 60875-1-1:2008 en
Fibre optic branching devices – Part 1-1: Blank detail specification (IEC 60875-1-1:1996; EN 60875-1-1:1998) - bez zamjene
- HRN EN 60904-1:2009 en
Fotonaponski uređaji – 1. dio: Mjerenje strujno-naponskih karakteristika fotonaponskih uređaja (IEC 60904-1:2006; EN 60904-1:2006) Photovoltaic devices – Part 1: Measurement of photovoltaic current-voltage characteristics (IEC 60904-1:2006; EN 60904-1:2006) - zamijenjena s: HRN EN IEC 60904-1:2020
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Fotonaponski uređaji – 9. dio: Zahtjevi za izvedbu solarnih simulatora (IEC 60904-9:2007; EN 60904-9:2007) Photovoltaic devices – Part 9: Solar simulator performance requirements (IEC 60904-9:2007; EN 60904-9:2007) - zamijenjena s: HRN EN IEC 60904-9:2020
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Fotonaponski uređaji – 10. dio: Metode mjerenja linearnosti (IEC 60904-10:2009; EN 60904-10:2010) Photovoltaic devices – Part 10: Methods of linearity measurement (IEC 60904-10:2009; EN 60904-10:2010) - zamijenjena s: HRN EN IEC 60904-10:2020
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Connectors for electronic equipment – Part 4-111: Printed board connectors with assessed quality – Detail specification for two-part power connector modules, for printed boards and backplanes having early mating features, and having a basic grid of 2,5 mm in accordance with IEC 60917-1 (IEC 61076-4-111:2002; EN 61076-4-111:2002) - bez zamjene
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Connectors for electronic equipment – Part 4-114: Printed board connectors – Detail specification for two-part connector with integrated shielding function having a grid of 1 mm x 1,5 mm (IEC 61076-4-114:2003; EN 61076-4-114:2003) - bez zamjene
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Printed board assembly products – Manufacturing description data and transfer methodology – Part 2-2: Sectional requirements for implementation of printed board fabrication data description (IEC 61182-2-2:2012; EN 61182-2-2:2012) - bez zamjene
- HRN EN 61194:2008 en
Karakteristični parametri samostalnih fotonaponskih (PV) sustava (IEC 61194:1992, MOD; EN 61194:1995) Characteristic parameters of stand-alone photovoltaic (PV) systems (IEC 61194:1992, MOD; EN 61194:1995) - bez zamjene
- HRN EN 61196-4:2008 en
Coaxial communication cables – Part 4: Sectional specification for radiating cables (IEC 61196-4:2004; EN 61196-4:2004) - bez zamjene
- HRN EN 61269-1-1:2008 en
Fibre optic terminus sets – Part 1-1: Blank detail specification (IEC 61269-1-1:1994; EN 61269-1-1:1997) - bez zamjene
- HRN EN 61269-1:2008 en
Fibre optic terminus sets – Part 1: Generic specification (IEC 61269-1:1994; EN 61269-1:1997) - bez zamjene
- HRN EN 61274-1-1:2012 en
Fibre optic interconnecting devices and passive components – Adaptors for fibre optic connectors – Part 1-1: Blank detail specification (IEC 61274-1-1:2011; EN 61274-1-1:2012) - bez zamjene
- HRN EN 61274-1:2012 en
Fibre optic interconnecting devices and passive components – Adaptors for fibre optic connectors – Part 1: Generic specification (IEC 61274-1:2011; EN 61274-1:2012) - bez zamjene
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Optička pojačala – Metode ispitivanja – Dio 1-1: Parametri snage i pojačanja – Metoda optičkog analizatora spektra (IEC 61290-1-1:2015; EN 61290-1-1:2015) Optical amplifiers – Test methods – Part 1-1: Power and gain parameters – Optical spectrum analyzer method (IEC 61290-1-1:2015; EN 61290-1-1:2015) - zamijenjena s: HRN EN IEC 61290-1-1:2020

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Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-13: Tests – Acceleration (IEC 61300-2-13:1995; EN 61300-2-13:1997)
- bez zamjene
- HRN EN 61300-2-32:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-32: Tests – Water vapour permeation (IEC 61300-2-32:1995; EN 61300-2-32:1997)
- bez zamjene
- HRN EN 61300-2-36:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-36: Tests – Flammability (fire hazard) (IEC 61300-2-36:1995; EN 61300-2-36:1997)
- bez zamjene
- HRN EN 61300-2-43:2015 en
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-43: Ispitivanja – Probno ispitivanje gubitka povrata za jednododne PC svjetlovodne konektore (IEC 61300-2-43:2014; EN 61300-2-43:2014)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-43: Tests – Screen testing of return loss of single mode PC optical fibre connectors (IEC 61300-2-43:2014; EN 61300-2-43:2014)
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Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-5: Tests – Torsion (IEC 61300-2-5:2009; EN 61300-2-5:2011)
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- HRN EN 61300-2-52:2014 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-52: Tests – Bending test for cords (IEC 61300-2-52:2013; EN 61300-2-52:2013)
- bez zamjene
- HRN EN 61300-2-8:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-8: Tests – Bump (IEC 61300-2-8:1995; EN 61300-2-8:1997)
- bez zamjene
- HRN EN 61300-3-10:2009 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-10: Examinations and measurements – Gauge retention force (IEC 61300-3-10:2006; EN 61300-3-10:2007)
- bez zamjene
- HRN EN 61300-3-13:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-13: Examinations and measurements – Control stability of a fibre optic switch (IEC 61300-3-13:1995; EN 61300-3-13:1997)
- bez zamjene
- HRN EN 61300-3-15:2009 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-15: Examinations and measurements – Dome eccentricity of a convex polished ferrule endface (IEC 61300-3-15:2006; EN 61300-3-15:2007)
- bez zamjene
- HRN EN 61300-3-16:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-16: Examinations and measurements – Endface radius of spherically polished ferrules (IEC 61300-3-16:2003; EN 61300-3-16:2003)
- bez zamjene
- HRN EN 61300-3-17:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-17: Examinations and measurements – Endface angle of angle-polished ferrules (IEC 61300-3-17:1999; EN 61300-3-17:1999)
- bez zamjene
- HRN EN 61300-3-18:2009 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-18: Examinations and measurements – Keying accuracy of an angled endface connector (IEC 61300-3-18:2005; EN 61300-3-18:2006)
- bez zamjene
- HRN EN 61300-3-23:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-23: Examination and measurements – Fibre position relative to ferrule endface (IEC 61300-3-23:1998; EN 61300-3-23:1998)
- bez zamjene
- HRN EN 61300-3-31:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-31: Examinations and measurements – Coupled power ratio measurement for fibre optic sources (IEC 61300-3-31:2003; EN 61300-3-31:2003)
- bez zamjene
- HRN EN 61300-3-35:2016 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-35: Examinations and measurements – Visual inspection of fibre optic connectors and fibre-stub transceivers (IEC 61300-3-35:2015; EN 61300-3-35:2015)
- zamijenjena s: HRN EN IEC 61300-3-35:2022
- HRN EN 61300-3-8:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-8: Examinations and measurements – Ambient light susceptibility (IEC 61300-3-8:1995; EN 61300-3-8:1997)
- bez zamjene
- HRN EN 61313-1:2008 en
Fibre optic passive components and cable assemblies – Part 1: Capability approval – Generic specification (IEC 61313-1:1995; EN 61313-1:1997)
- bez zamjene
- HRN EN 61314-1-1:2012 en
Fibre optic interconnecting devices and passive components – Fibre optic fan-outs – Part 1-1: Blank detail specification (IEC 61314-1-1:2011; EN 61314-1-1:2012)
- bez zamjene
- HRN EN 61314-1:2012 en
Fibre optic interconnecting devices and passive components – Fibre optic fan-outs – Part 1: Generic specification (IEC 61314-1:2011; EN 61314-1:2012)
- bez zamjene
- HRN EN 61340-3-1:2009 en
Elektrostatika – Dio 3-1: Metode za simulaciju elektrostatičkih učinaka – Valni oblici ispitivanja elektrostatičkog pražnjenja za model ljudskog tijela (HBM) (IEC 61340-3-1:2006; EN 61340-3-1:2007)
Electrostatics – Part 3-1: Methods for simulation of electrostatic effects – Human body model (HBM) electrostatic discharge test waveforms (IEC 61340-3-1:2006; EN 61340-3-1:2007)
- bez zamjene
- HRN EN 61340-3-2:2009 en
Elektrostatika – Dio 3-2: Metode za simulaciju elektrostatičkih učinaka – Valni oblici ispitivanja elektrostatičkog pražnjenja za model stroja (MM) (IEC 61340-3-2:2006; EN 61340-3-2:2007)
Electrostatics – Part 3-2: Methods for simulation of electrostatic effects – Machine model (MM) electrostatic discharge test waveforms (IEC 61340-3-2:2006; EN 61340-3-2:2007)
- bez zamjene
- HRN EN 61702:2008 en
Procjena izravno povezanih fotonaponskih (PV) crpnih sustava (IEC 61702:1995; EN 61702:1999)
Rating of direct coupled photovoltaic (PV) pumping systems (IEC 61702:1995; EN 61702:1999)
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- HRN EN 61725:2008 en
Analytical expression for daily solar profiles (IEC 61725:1997; EN 61725:1997)
- bez zamjene

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Liquid crystal and solid-state display devices – Part 1: Generic specification (IEC 61747-1:1998+am1:2003; EN 61747-1:1999+A1:2003)
- bez zamjene
- HRN EN 61747-2:2008 en
Liquid crystal and solid-state display devices – Part 2: Liquid crystal display modules – Sectional specification (IEC 61747-2:1998; EN 61747-2:1999)
- bez zamjene
- HRN EN 61747-3-1:2009 en
Liquid crystal display devices – Part 3-1: Liquid crystal display (LCD) cells – Blank detail specification (IEC 61747-3-1:2006; EN 61747-3-1:2006)
- bez zamjene
- HRN EN 61747-3:2009 en
Liquid crystal display devices – Part 3: Liquid crystal display (LCD) cells – Sectional specification (IEC 61747-3:2006; EN 61747-3:2006)
- bez zamjene
- HRN EN 61747-5-2:2012 en
Liquid crystal display devices – Part 5-2: Environmental, endurance and mechanical test methods – Visual inspection of active matrix colour liquid crystal display modules (IEC 61747-5-2:2011; EN 61747-5-2:2011)
- bez zamjene
- HRN EN 61747-6-3:2012 en
Liquid crystal display devices – Part 6-3: Measuring methods for liquid crystal display modules – Motion artifact measurement of active matrix liquid crystal display modules (IEC 61747-6-3:2011; EN 61747-6-3:2011)
- bez zamjene
- HRN EN 61751:2008 en
Laser modules used for telecommunication – Reliability assessment (IEC 61751:1998; EN 61751:1998)
- bez zamjene
- HRN EN 61753-2-1:2008 en
Fibre optic interconnecting devices and passive components performance standard – Part 2-1: Fibre optic connectors terminated on single-mode fibre for category U – Uncontrolled environment (IEC 61753-2-1:2000; EN 61753-2-1:2000)
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- HRN EN 61753-053-2:2014 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 053-2: Non-connectorized single-mode fibre, electrically controlled, variable optical attenuator for category C – Controlled environments (IEC 61753-053-2:2014; EN 61753-053-2:2014)
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- HRN EN 61753-053-3:2008 en
Fibre optic interconnecting devices and passive components performance standard – Part 053-3: Continuously variable attenuators for category U – Uncontrolled environment (IEC 61753-053-3:2004; EN 61753-053-3:2004)
- bez zamjene
- HRN EN 61753-061-3:2008 en
Fibre optic interconnecting devices and passive components performance standard – Part 061-3: Single mode fibre optic pigtailed style isolators for category U – Uncontrolled environment (IEC 61753-061-3:2004; EN 61753-061-3:2004)
- bez zamjene
- HRN EN 61753-062-6:2008 en
Fibre optic interconnecting devices and passive components performance standard – Part 062-6: Non-connectorized single-mode fibre optic pigtailed isolators for category O – Uncontrolled environment and sequential test (IEC 61753-062-6:2007; EN 61753-062-6:2008)
- bez zamjene
- HRN EN 61753-071-2:2014 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 071-2: Non-connectorised single-mode fibre optic 1 x 2 and 2 x 2 spatial switches for category C – Controlled environments (IEC 61753-071-2:2014; EN 61753-071-2:2014)
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- HRN EN 61753-089-2:2014 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 089-2: Non-connectorised single-mode bidirectional OTDR monitoring WDM devices for Category C – Controlled environment (IEC 61753-089-2:2013; EN 61753-089-2:2013)
- zamijenjena s: HRN EN IEC 61753-089-02:2022
- HRN EN 61753-091-3:2008 en
Fibre optic interconnecting devices and passive components performance standard – Part 091-3: Single-mode fibre optic pigtailed style circulators for category U – Uncontrolled environment (IEC 61753-091-3:2004; EN 61753-091-3:2004)
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- HRN EN 61753-092-6:2008 en
Fibre optic interconnecting devices and passive components performance standard – Part 092-6: Non-connectorized single-mode circulators for category O – Uncontrolled environment and sequential test (IEC 61753-092-6:2007; EN 61753-092-6:2007)
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- HRN EN 61753-092-6:2008/Ispr.1:2014 en
Fibre optic interconnecting devices and passive components performance standard – Part 092-6: Non-connectorized single-mode circulators for category O – Uncontrolled environment and sequential test (EN 61753-092-6:2007/AC.2008)
- bez zamjene
- HRN EN 61754-10:2008 en
Fibre optic connector interfaces – Part 10: Type Mini-MPO connector family (IEC 61754-10:2005; EN 61754-10:2005)
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- HRN EN 61755-1:2008 en
Fibre optic connector optical interfaces – Part 1: Optical interfaces for single mode non-dispersion shifted fibres – General and guidance (IEC 61755-1:2005; EN 61755-1:2006)
- zamijenjena s: HRN EN IEC 61755-1:2022
- HRN EN 61755-1:2008/Ispr.1:2014 en
Fibre optic connector optical interfaces – Part 1: Optical interfaces for single mode non-dispersion shifted fibres – General and guidance (EN 61755-1:2006/AC.2006)
- zamijenjena s: HRN EN IEC 61755-1:2022
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Fibre optic connector optical interfaces – Part 2-1: Optical interface standard single mode non-angled physically contacting fibres (IEC 61755-2-1:2006; EN 61755-2-1:2006)
- zamijenjena s: HRN EN IEC 61755-2-1:2022
- HRN EN 61755-2-2:2008 en
Fibre optic connector optical interfaces – Part 2-2: Optical interface standard single mode angled physically contacting fibres (IEC 61755-2-2:2006; EN 61755-2-2:2006)
- zamijenjena s: HRN EN IEC 61755-2-2:2022
- HRN EN 61758-1:2008 en
Fibre optic interconnecting devices and passive components – Interface standard for closures – Part 1: General and guidance (IEC 61758-1:2008; EN 61758-1:2008)
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- HRN EN 61760-1:2009 en
Tehnologija površinske ugradnje – 1. dio: Standardna metoda za specifikaciju komponenta za površinsku ugradnju (SMDs) (IEC 61760-1:2006; EN 61760-1:2006)
Surface mounting technology – Part 1: Standard method for the specification of surface mounting components (SMDs) (IEC 61760-1:2006; EN 61760-1:2006)
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Microwave ferrite components – Measuring methods for major properties (IEC 61830:1997; EN 61830:1998)
- bez zamjene
- HRN EN 61935-1:2011 en
Specification for the testing of balanced and coaxial information technology cabling – Part 1: Installed balanced cabling as specified in the standards series EN 50173 (IEC 61935-1:2009, MOD; EN 61935-1:2009)
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- HRN EN 61988-4:2008 en
Plazma zasloni – 4. dio: Klimatske i mehaničke metode ispitivanja (IEC 61988-4:2007; EN 61988-4:2007)
Plasma display panels – Part 4: Climatic and mechanical testing methods (IEC 61988-4:2007; EN 61988-4:2007)
- bez zamjene
- HRN EN 62077:2016 en
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Svjetlovodni cirkulatori – Opća specifikacija (IEC 62077:2015; EN 62077:2016)
Fibre optic interconnecting devices and passive components – Fibre optic circulators – Generic specification (IEC 62077:2015; EN 62077:2016)
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- HRN EN 62134-1:2010 en
Fibre optic interconnecting devices and passive components – Fibre optic closures – Part 1: Generic specification (IEC 62134-1:2009; EN 62134-1:2009)
- bez zamjene
- HRN EN 62148-4:2008 en
Fibre optic active components and devices – Package and interface standards – Part 4: PN 1x9 plastic optical fibre transceivers (IEC 62148-4:2003; EN 62148-4:2003)
- bez zamjene
- HRN EN 62149-3:2014 en
Aktivne svjetlovodne komponente i uređaji – Izvedbene norme – 3. dio: Odašiljači s laserskim diodama integriranim u modulator za svjetlovodne prijenosne sustave od 2,5-Gbit/s do 40 Gbit/s (IEC 62149-3:2014; EN 62149-3:2014)
Fibre optic active components and devices – Performance standards – Part 3: Modulator-integrated laser diode transmitters for 2,5-Gbit/s to 40-Gbit/s fibre optic transmission systems (IEC 62149-3:2014; EN 62149-3:2014)
- zamijenjena s: HRN EN IEC 62149-3:2020
- HRN EN 62149-5:2012 en
Aktivne svjetlovodne komponente i uređaji – Izvedbene norme – 5. dio: ATM-PON primopredajnici s laserskim diodnim (LD) pogonom i integriranim krugovima za ponovno uspostavljanje ritma i podataka (CDR) (IEC 62149-5:2009; EN 62149-5:2011)
Fibre optic active components and devices – Performance standards – Part 5: ATM-PON transceivers with LD driver and CDR ICs (IEC 62149-5:2009; EN 62149-5:2011)
- zamijenjena s: HRN EN IEC 62149-5:2020
- HRN EN 62149-6:2008 en
Fibre optic active components and devices – Performance standards – Part 6: 650-nm 250-Mbit/s plastic optical fibre transceivers (IEC 62149-6:2003; EN 62149-6:2003)
- bez zamjene
- HRI CLC/TR 62258-3:2010 en
Semiconductor die products – Part 3: Recommendations for good practice in handling, packing and storage (IEC/TR 62258-3:2005; CLC/TR 62258-3:2007)
- bez zamjene
- HRN EN 62341-5-2:2014 en
Organic light emitting diode (OLED) displays – Part 5-2: Mechanical endurance testing methods (IEC 62341-5-2:2013; EN 62341-5-2:2013)
- bez zamjene
- HRN EN 62341-5-3:2014 en
Organic light emitting diode (OLED) displays – Part 5-3: Measuring methods of image sticking and lifetime (IEC 62341-5-3:2013; EN 62341-5-3:2013)
- bez zamjene
- HRN EN 62341-6-1:2012 en
Organic light emitting diode (OLED) displays – Part 6-1: Measuring methods of optical and electro-optical parameters (IEC 62341-6-1:2009; EN 62341-6-1:2011)
- bez zamjene
- HRN EN 62341-6-2:2012 en
Organic light emitting diode (OLED) displays – Part 6-2: Measuring methods of visual quality and ambient performance (IEC 62341-6-2:2012; EN 62341-6-2:2012)
- bez zamjene
- HRN EN 62341-6-3:2014 en
Organic light emitting diode (OLED) displays – Part 6-3: Measuring methods of image quality (IEC 62341-6-3:2012; EN 62341-6-3:2012)
- bez zamjene
- HRN EN 62595-1-2:2012 en
LCD backlight unit – Part 1-2: Terminology and letter symbols (IEC 62595-1-2:2011; EN 62595-1-2:2012)
- bez zamjene
- HRN EN 62595-2:2014 en
LCD backlight unit – Part 2: Electro-optical measurement methods of LED backlight unit (IEC 62595-2:2012; EN 62595-2:2013)
- bez zamjene
- HRN EN 62629-1-2:2014 en
3D Display devices – Part 1-2: Generic – Terminology and letter symbols (IEC 62629-1-2:2013; EN 62629-1-2:2013)
- bez zamjene
- HRN EN 62629-22-1:2014 en
3D display devices – Part 22-1: Measuring methods for autostereoscopic displays – Optical (IEC 62629-22-1:2013; EN 62629-22-1:2013)
- bez zamjene
- HRN EN 62790:2015 en
Razvodne kutije za fotonaponske module – Sigurnosni zahtjevi i ispitivanja (IEC 62790:2014; EN 62790:2015)
Junction boxes for photovoltaic modules – Safety requirements and tests (IEC 62790:2014; EN 62790:2015)
- zamijenjena s: HRN EN IEC 62790:2020
- HRN EN IEC 63171-6:2020 en
Connectors for electrical and electronic equipment – Part 6: Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz (IEC 63171-6:2020; EN IEC 63171-6:2020)
- bez zamjene
- HRN EN 125000:2008 en
Generic Specification – Cores made of ferrite materials (EN 125000:1997)
- bez zamjene
- HRN EN 125100:2008 en
Sectional Specification – Magnetic oxide cores for inductor applications (EN 125100:1991)
- bez zamjene
- HRN EN 125200:2008 en
Sectional Specification: Magnetic oxide cores for linear transformers (EN 125200:1991)
- bez zamjene
- HRN EN 125400:2008 en
Sectional Specification – Adjusters used with magnetic oxide cores for use in inductors and tuned transformers (EN 125400:1991)
- bez zamjene
- HRN EN 125401:2008 en
Blank Detail Specification – Adjusters used with magnetic oxide (ferrite) cores for use in inductors and tuned transformers (EN 125401:1991)
- bez zamjene
- HRN EN 125500:2008 en
Sectional Specification – Magnetic oxide ring cores for interference suppression and low level signal transformer applications (EN 125500:1996)
- bez zamjene
- HRN EN 163100:2009 en
Sectional specification – Film and hybrid integrated circuits (EN 163100:1991)
- bez zamjene
- HRN EN 163101:2009 en
Blank detail specification – Film and hybrid integrated circuits (EN 163101:1991)
- bez zamjene

HRN EN 165000-1:2008 en
Film and hybrid integrated circuits – Part 1: Generic specification
– Capability approval procedure (EN 165000-1:1996)
- bez zamjene

HRN EN 165000-2:2008 en
Film and hybrid integrated circuits – Part 2: Internal visual
inspection and special tests (EN 165000-2:1996)
- bez zamjene

HRN EN 165000-3:2008 en
Film and hybrid integrated circuits – Part 3: Self-audit checklist
and report for film and hybrid integrated circuit manufacturers
(EN 165000-3:1996)
- bez zamjene

HRN EN 165000-4:2008 en
Film and hybrid integrated circuits – Part 4: Customer
information, product assessment level schedules and blank
detail specification (EN 165000-4:1996)
- bez zamjene

HRN EN 165000-5:2008 en
Film and hybrid integrated circuits – Part 5: Procedure for
qualification approval (EN 165000-5:1997)
- bez zamjene

HRN EN 175500:2008 en
Sectional specification – Cable outlet accessories for
connectors, including qualification approval and capability
approval (EN 175500:1997)
- bez zamjene

HRN EN 190000:2008 en
Generic Specification – Monolithic integrated circuits
(EN 190000:1995)
- bez zamjene

HRN EN 190100:2008 en
Sectional Specification – Digital monolithic integrated circuits
(EN 190100:1993)
- bez zamjene

HRN EN 190101:2008 en
Family Specification – Digital integrated TTL circuits – Series
54, 64, 74, 84 (EN 190101:1994)
- bez zamjene

HRN EN 190102:2008 en
Family Specification – TTL-Schottky digital integrated circuits
– Series 54S, 64S, 74S, 84S (EN 190102:1994)
- bez zamjene

HRN EN 190103:2008 en
Family Specification – Digital integrated TTL low power Schottky
circuits – Series 54LS, 64LS, 74LS, 84LS (EN 190103:1994)
- bez zamjene

HRN EN 190106:2008 en
Family Specification – TTL advanced low power Schottky digital
integrated circuits – Series 54ALS, 74ALS (EN 190106:1994)
- bez zamjene

HRN EN 190107:2008 en
Family Specification – TTL FAST digital integrated circuits
– Series 54F, 74F (EN 190107:1994)
- bez zamjene

HRN EN 190108:2008 en
Family Specification – TTL advanced Schottky digital
integrated circuits – Series 54AS, 74AS (EN 190108:1994)
- bez zamjene

HRN EN 190109:2008 en
Family Specification – Digital integrated HC MOS circuits
– Series HC/HCT/HCU (EN 190109:1994)
- bez zamjene

HRN EN 190110:2008 en
Blank Detail Specification – Digital microprocessor integrated
circuits (EN 190110:1994)
- bez zamjene

HRN EN 190116:2008 en
Family Specification – AC MOS Digital integrated circuits
(EN 190116:1993)
- bez zamjene

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 207, Upravljanje okolišem

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

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

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

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome i engleskome jeziku, kao dvojezično izdanje:

HRN EN 13480-4:2017 hr, en- en pr-pp
Metalni industrijski cjevovodi – 4. dio: Izrada i ugradnja
(EN 13480-4:2017)
Metallic industrial piping – Part 4: Fabrication and installation
(EN 13480-4:2017)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 19	Industrial valves – Marking of metallic valves	23.060.01	2023-11
EN 455-3	Medical gloves for single use – Part 3: Requirements and testing for biological evaluation	11.140	2023-11
EN 1022	Furniture – Seating – Determination of stability	97.140	2023-11
EN 1092-2	Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, PN designated – Part 2: Cast iron flanges	23.040.60	2023-11
CEN/TS 1317-7	Road restraint systems – Part 7: Performance characterisation and test methods for terminals of safety barriers	93.080.30	2023-11
CEN/TS 1317-9	Road restraint systems – Part 9: Impact tests and test methods for removable barrier sections	13.200; 93.080.30	2023-11
EN 1417	Plastics and rubber machines – Two-roll mills – Safety requirements	83.200	2023-11
EN 1725	Furniture – Beds – Requirements for safety, strength and durability	97.140	2023-11
EN 1991-2	Eurocode 1 – Actions on structures – Part 2: Traffic loads on bridges and other civil engineering works	91.010.30; 93.040	2023-11
EN 1992-1-1	Eurocode 2 – Design of concrete structures – Part 1-1: General rules and rules for buildings, bridges and civil engineering structures	91.010.30; 91.080.40	2023-11
EN 1992-1-2	Eurocode 2 – Design of concrete structures – Part 1-2: Structural fire design	91.010.30; 91.080.40	2023-11
EN 1996-3	Eurocode 6 – Design of masonry structures – Part 3: Simplified calculation methods for unreinforced masonry structures	91.010.30; 91.080.30	2023-11
EN 2665-001	Aerospace series – Circuit breakers, three-pole, temperature compensated, rated currents 20 A to 50 A – Part 001: Technical specification	49.060	2023-11
EN 2794-001	Aerospace series – Circuit breakers, single-pole, temperature compensated, rated currents 20 A to 50 A – Part 001: Technical specification	49.060	2023-11
EN 2882	Aerospace series – Nut, hexagonal, self-locking, with counterbore and captive washer, in steel, cadmium plated, MoS2 lubricated – Classification: 1 100 MPa (at ambient temperature) / 235 °C	49.030.30	2023-11
EN 2995-001	Aerospace series – Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A – Part 001: Technical specification	49.060	2023-11
EN 2996-001	Aerospace series – Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A – Part 001: Technical specification	49.060	2023-11
EN 4881	Aerospace series – Micro-arc oxidation of aluminium and aluminium alloys	25.160.10; 49.025.20	2023-11
EN 9101	Aerospace series – Quality management systems – Requirements for conducting audits of aviation, space, and defence quality management Systems	03.100.70; 03.120.10; 03.120.20; 49.020	2023-11
EN 9103	Aerospace series – Quality management systems – Variation management of key characteristics	03.100.70; 03.120.10; 49.020	2023-11
EN 9104-3	Aerospace series – Quality management systems – Part 3: Requirements for Aviation, Space, and Defence Auditor Training, Development, Competence, and Authentication	03.100.70; 03.120.10; 49.020	2023-11
EN 9300-120	Aerospace series – LOTAR – LOng Term Archiving and Retrieval of digital technical product documentation such as 3D CAD and PDM data – Part 120: CAD 3D explicit geometry with graphic product and manufacturing information	1.110	2023-11
EN 9300-121	Aerospace series – LOTAR – LOng Term Archiving and Retrieval of digital technical product documentation such as 3D CAD and PDM data – Part 121: Semantic representation of CAD 3D Explicit Geometry with Product and Manufacturing Information	1.110	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN 9300-125	Aerospace series – LOTAR – LONg Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 125: Explicit CAD assembly structure with Graphic Product and Manufacturing Information (PMI)	1.110	2023-11
EN 10278	Dimensions and tolerances of bright steel products of stainless and other special steels	77.140.60	2023-11
EN 12255-9	Wastewater treatment plants – Part 9: Odour control and ventilation	13.060.30	2023-11
EN 12390-6	Testing hardened concrete – Part 6: Tensile splitting strength of test specimens	91.100.30	2023-11
EN 12521	Furniture – Safety, strength and durability – Requirements for domestic tables	97.140	2023-11
EN 12663-1+A2	Railway applications – Structural requirements of railway vehicle bodies – Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons)	45.060.20	2023-11
EN 13231-1	Railway applications – Infrastructure – Acceptance of works – Part 1: Works on ballasted track – Plain line, switches and crossings	93.100	2023-11
CEN/TS 13259	Gas welding equipment – Industrial manual and machine blowpipes for flame heating, flame brazing and allied processes	25.160.30	2023-11
EN 13369	Common rules for precast concrete products	91.100.30	2023-11
EN 13480-4/A1	Metallic industrial piping – Part 4: Fabrication and installation	23.040.01	2023-11
EN 13480-4/A2	Metallic industrial piping – Part 4: Fabrication and installation	23.040.01	2023-11
EN 13697	Chemical disinfectants and antiseptics – Quantitative non-porous surface test for the evaluation of bactericidal and yeasticidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas without mechanical action – Test method and requirements without mechanical action (phase 2, step 2)	71.100.35	2023-11
EN 13749+A1	Railway applications – Wheelsets and bogies – Method of specifying the structural requirements of bogie frames	45.040	2023-11
EN 13877-1	Concrete pavements – Part 1: Materials	93.080.20	2023-11
EN 13877-2	Concrete pavements – Part 2: Functional requirements for concrete pavements	93.080.20	2023-11
CEN/TR 13933	Masonry cement – Testing for workability (cohesivity)	91.100.10	2023-11
EN 14434	Writing boards for educational institutions – Ergonomic, technical and safety requirements and their test methods	03.180; 13.180; 97.140	2023-11
EN 14450+A1	Secure storage units – Requirements, classification and methods of test for resistance to burglary – Secure cabinets	13.310	2023-11
EN 14488-3	Testing sprayed concrete – Part 3: Flexural strengths (first peak, ultimate and residual) of fibre reinforced beam specimens	91.100.30	2023-11
EN 15518-3	Winter maintenance equipment – Road weather information systems – Part 3: Requirements on measured values of stationary equipment	07.060; 13.030.40; 35.240.99	2023-11
CEN/TS 15518-4	Winter maintenance equipment – Road weather information systems – Part 4: Test methods for stationary equipment	07.060; 13.030.40; 35.240.99	2023-11
EN 16035	Hardware performance sheet (HPS) – Identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows	91.190	2023-11
EN 16235	Railway applications – Testing for the acceptance of running characteristics of railway vehicles – Freight wagons – Conditions for dispensation of freight wagons with defined characteristics from on-track tests according to EN 14363	45.060.20	2023-11
EN 16272-1	Railway applications – Infrastructure – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics – Sound absorption under diffuse sound field conditions	93.100	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16272-2	Railway applications – Infrastructure – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 2: Intrinsic characteristics – Airborne sound insulation under diffuse sound field conditions	93.100	2023-11
EN 16272-5	Railway applications – Infrastructure – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – Sound absorption under direct sound field conditions	93.100	2023-11
EN 16272-6	Railway applications – Infrastructure – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 6: Intrinsic characteristics – Airborne sound insulation under direct sound field conditions	93.100	2023-11
EN 16286-2	Railway applications – Gangway systems between vehicles – Part 2: Acoustic measurements	45.060.20	2023-11
CEN/TR 16395	Gas Infrastructure – CEN/TC 234 Pressure Definitions – Guideline Document	91.140.40	2023-11
EN 16603-20	Space engineering – Electrical and electronic	49.140	2023-11
EN 16637-1	Construction products: Assessment of release of dangerous substances – Part 1: Guidance for the determination of leaching tests and additional testing steps	91.100.01	2023-11
EN 16637-2	Construction products: Assessment of release of dangerous substances – Part 2: Horizontal dynamic surface leaching test	91.100.01	2023-11
EN 16687	Construction products: Assessment of release of dangerous substances – Terminology	01.040.91; 91.100.01	2023-11
EN 17195	Construction products: Assessment of release of dangerous substances – Analysis of inorganic substances in eluates	91.100.01	2023-11
EN 17196	Construction products: Assessment of release of dangerous substances – Digestion by aqua regia for subsequent analysis of inorganic substances	91.100.01	2023-11
EN 17197	Construction products: Assessment of release of dangerous substances – Analysis of inorganic substances in eluates and digests – Analysis by inductively coupled plasma optical emission spectrometry (ICP-OES)	91.100.01	2023-11
EN 17200	Construction products: Assessment of release of dangerous substances – Analysis of inorganic substances in eluates and digests – Analysis by inductively coupled plasma mass spectrometry (ICP-MS)	91.100.01	2023-11
EN 17201	Construction products: Assessment of release of dangerous substances – Content of inorganic substances – Methods for analysis of aqua regia digests	91.100.01	2023-11
EN 17306	Liquid petroleum products – Determination of distillation characteristics at atmospheric pressure – Micro-distillation	75.160.20	2023-11
EN 17331	Construction products: Assessment of release of dangerous substances – Content of organic substances – Methods for extraction and analysis	91.100.01	2023-11
EN 17332	Construction products: Assessment of release of dangerous substances – Analysis of organic substances in eluates	91.100.01	2023-11
EN 17516	Waste – Characterization of granular solids with potential for use as construction material – Compliance leaching test – Up-flow percolation test	91.100.01	2023-11
EN 17670-2	Plastics piping systems for non-pressure underground conveyance of surface water – Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 2: Specification for road gullies	23.040.20; 93.030	2023-11
EN 17690-1	Components for BAC control loop – Sensors – Part 1: Room temperature sensors	17.200.20; 91.140.10	2023-11
EN 17839	Glass in building – Glazing and airborne sound insulation – Validation procedure for calculation tools	81.040.20; 91.120.20	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17844	Construction products: Assessment of release of dangerous substances – Determination of the content of polycyclic aromatic hydrocarbons (PAH) and of benzene, toluene, ethylbenzene and xylenes (BTEX) – Gas chromatographic method with mass spectrometric detection	91.100.01	2023-11
EN 17845	Construction products: Assessment of release of dangerous substances – Determination of biocide residues using liquid chromatography with mass spectrometric detection (LC-MS/MS)	91.100.01	2023-11
EN 17846	Chemical disinfectants and antiseptics – Quantitative test method for the evaluation of sporicidal activity against Clostridioides difficile on non-porous surfaces with mechanical action employing wipes in the medical area (4-field test) – Test method and requirements (phase 2, step 2)	11.080.20	2023-11
EN 17877	Dynamic mixers and agitators – Definitions and hydraulic characterizations	01.040.23; 23.100.99	2023-11
EN 17905	Intelligent transport systems – eSafety – eCall HLAP in hybrid circuit switched/packet switched network environments	03.220.20; 35.240.60	2023-11
EN 17926	Privacy Information Management System per ISO/IEC 27701 – Refinements in European context	35.030	2023-11
EN 17927	Security Evaluation Standard for IoT Platforms (SESIP). An effective methodology for applying cybersecurity assessment and re-use for connected products.	35.030; 35.240.95	2023-11
CWA 17938	Guideline for introducing and implementing real-time instrumental-based tools for biomechanical risk assessment	13.100; 13.180	2023-11
CEN/TS 17977	Gas infrastructure – Quality of gas – Hydrogen used in rededicated gas systems	27.075; 75.180.01	2023-11
CEN/TS 17981-1	In vitro diagnostic Next Generation Sequencing (NGS) workflows – Part 1: Human DNA examination	11.100.10	2023-11
CEN/TS 17981-2	In vitro diagnostic Next Generation Sequencing (NGS) workflows – Part 2: Human RNA examination	11.100.10	2023-11
CEN/TS 17985	Construction products: Assessment of release of dangerous substances – Methods for the determination of N-nitrosamines in air samples derived by EN 16516	13.040.20; 91.100.01	2023-11
CEN/TS 17986	Flexible sheets for waterproofing – Extrapolation rules for testing results on resistance to root penetration	91.100.50	2023-11
CEN/TS 17991	Statistical verification of partial factors for buildings according to Eurocode EN 1993-1-1 Annex E	91.010.30; 91.080.13	2023-11
CEN/TR 18010	Chemical disinfectants and antiseptics – Information on the preparation of spores and determination/exclusion of spore activity	71.100.35	2023-11
CEN/TS 19102	Design of tensioned membrane structures	91.080.99	2023-11
EN 50655-1	Electric cables – Accessories – Material characterization – Part 1: Fingerprinting for resinous compounds	29.035.20; 29.060.20	2023-11
EN 50716	Railway Applications – Requirements for software development	35.240.60; 45.020	2023-11
EN 60335-1/A16	Household and similar electrical appliances – Safety – Part 1: General requirements	13.120; 97.030	2023-11
EN IEC 60335-2-2	Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (IEC 60335-2-2:2019)	13.120; 97.080	2023-11
EN IEC 60335-2-2/A11	Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances	13.120; 97.080	2023-11
EN IEC 60335-2-7	Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines (IEC 60335-2-7:2019)	13.280; 33.100.01; 97.060	2023-11
EN IEC 60335-2-7/A11	Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines	13.280; 33.100.01; 97.060	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60335-2-51/A11	Household and similar electrical appliances – Safety – Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations	23.080; 91.140.10	2023-11
EN IEC 60335-2-89/AC	Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor (IEC 60335-2-89:2019/COR3:2023)	97.040.30; 97.130.20	2023-11
EN IEC 60335-2-110/A1	Household and similar electrical appliances – Safety – Part 2-110: Particular requirements for commercial microwave appliances with insertion or contacting applicators (IEC 60335-2-110:2013/A1:2019)	97.040.20	2023-11
EN IEC 60512-99-003	Connectors for electrical and electronic equipment – Tests and measurements – Part 99-003: Endurance test schedules – Test 99c: Test schedule for balanced single-pair connectors separating (unmating) under electrical load (IEC 60512-99-003:2023)	13.220.40; 31.220.10	2023-11
EN IEC 60691	Thermal-links – Requirements and application guide (IEC 60691:2023)	29.120.50	2023-11
EN IEC 60704-2-13	Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-13: Particular requirements for cooking fume extractors (IEC 60704-2-13:2023)	17.140.20; 97.040.20	2023-11
EN IEC 60799/A1	Electrical accessories – Cord sets and interconnection cord sets (IEC 60799:2018/AMD1:2022)	29.060.20; 29.120.30	2023-11
EN IEC 60974-1/A12	Arc welding equipment – Part 1: Welding power sources	25.160.30	2023-11
EN IEC 61400-50-3/AC	Wind energy generation systems – Part 50-3: Use of nacelle-mounted lidars for wind measurements (IEC 61400-50-3:2022/COR1:2023)	27.180	2023-11
EN IEC 61439-1/AC	Low-voltage switchgear and controlgear assemblies – Part 1: General rules (IEC 61439-1:2020/COR2:2023)	29.130.20	2023-11
EN IEC 61753-021-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 021-02: Single-mode fibre optic connectors terminated as pigtails and patchcords for category C – Controlled environment (IEC 61753-021-02:2023)	33.180.20	2023-11
EN IEC 61753-021-06	Fibre optic interconnecting devices and passive components – Performance standard – Part 021-06: Single-mode fibre optic connectors terminated as pigtails and patchcords for category OP+ – Extended outdoor protected environment (IEC 61753-021-06:2023)	33.180.20	2023-11
EN IEC 61820-3-2	Electrical installations for lighting and beaconing of aerodromes – Part 3-2: Requirements for power supplies – Particular requirements for series circuits (IEC 61820-3-2:2023)	29.140.50; 93.120	2023-11
EN IEC 61936-2	Power installations exceeding 1 kV AC and 1,5 kV DC – Part 2: DC (IEC 61936-2:2023)	29.020; 29.080.01; 29.240.01	2023-11
EN IEC 62056-5-3	Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer (IEC 62056-5-3:2023)	33.200; 35.100.70; 35.110; 35.240.99; 91.140.50	2023-11
EN IEC 62056-6-2	Electricity metering data exchange – The DLMS/COSEM suite – Part 6-2: COSEM interface classes (IEC 62056-6-2:2023)	35.110; 91.140.50	2023-11
EN IEC 62056-8-12	Electricity metering data exchange – The DLMS/COSEM suite – Part 8-12: Communication profile for Low-Power Wide Area Networks (LPWANs) (IEC 62056-8-12:2023)	33.200; 35.110; 35.240.99; 91.140.50	2023-11
EN IEC 62153-4-16/AC	Metallic cables and other passive components test methods – Part 4-16: Electromagnetic compatibility (EMC) – Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up (IEC 62153-4-16:2021/COR1:2023)	33.100.10; 33.120.10	2023-11
EN IEC 62271-103	High-voltage switchgear and controlgear – Part 103: Alternating current switches for rated voltages above 1 kV up to and including 52 kV (IEC 62271-103:2021)	29.130.10	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62271-105	High-voltage switchgear and controlgear – Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV (IEC 62271-105:2021)	29.130.10	2023-11
EN IEC 62282-2-100/AC	Fuel cell technologies – Part 2-100: Fuel cell modules – Safety (IEC 62282-2-100:2020/COR1:2023)	27.070	2023-11
EN IEC 62471-6	Photobiological safety of lamps and lamp systems – Part 6: Ultraviolet lamp products (IEC 62471-6:2022)	29.140.01; 31.260	2023-11
EN IEC 62561-4	Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners (IEC 62561-4:2023)	29.020; 91.120.40	2023-11
EN IEC 63203-401-1	Wearable electronic devices and technologies – Part 401-1: Devices and systems: functional elements – Evaluation method of the stretchable resistive strain sensor (IEC 63203-401-1:2023)	31.020; 31.080.99; 59.080.80	2023-11
EN IEC 63356-1	LED light source characteristics – Part 1: Data sheets (IEC 63356-1:2023)	29.140.99	2023-11
EN ISO 2811-3	Paints and varnishes – Determination of density – Part 3: Oscillation method (ISO 2811-3:2023)	87.040	2023-11
EN ISO 3104	Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:2023)	75.080	2023-11
EN ISO 3506-5	Fasteners – Mechanical properties of corrosion-resistant stainless steel fasteners – Part 5: Special fasteners (also including fasteners from nickel alloys) for high temperature applications (ISO 3506-5:2022)	21.060.99	2023-11
EN ISO 4608	Plastics – Homopolymer and copolymer resins of vinyl chloride for general use – Determination of plasticizer absorption at room temperature (ISO 4608:2023)	83.080.20	2023-11
FprCEN ISO/TR 7250-2	Basic human body measurements for technological design – Part 2: Statistical summaries of body measurements from national populations (ISO/DTR 7250-2:2023)	13.180	2023-11
EN ISO 8130-15	Coating powders – Part 15: Rheology (ISO 8130-15:2023)	87.040	2023-11
EN ISO 9073-18	Textiles – Test methods for nonwovens – Part 16: Determination of resistance to penetration by water (hydrostatic pressure) (ISO 9073-18:2023)	59.080.30	2023-11
EN ISO 9862	Geosynthetics – Sampling and preparation of test specimens (ISO 9862:2023)	59.080.70	2023-11
EN ISO 10524-1/A1	Pressure regulators for use with medical gases – Part 1: Pressure regulators and pressure regulators with flow-metering devices – Amendment 1 (ISO 10524-1:2018/Amd 1:2023)	11.040.10	2023-11
EN ISO 10555-1	Intravascular catheters – Sterile and single-use catheters – Part 1: General requirements (ISO 10555-1:2023)	11.040.25	2023-11
EN ISO 10555-4	Intravascular catheters – Sterile and single-use catheters – Part 4: Balloon dilatation catheters (ISO 10555-4:2023)	11.040.25	2023-11
EN ISO 10993-17	Biological evaluation of medical devices – Part 17: Toxicological risk assessment of medical device constituents (ISO 10993-17:2023)	11.100.20	2023-11
EN ISO 11855-2/A1	Building environment design – Embedded radiant heating and cooling systems – Part 2: Determination of the design heating and cooling capacity – Amendment 1 (ISO 11855-2:2021/Amd 1:2023)	91.040.01	2023-11
EN ISO 11855-5/A1	Building environment design – Embedded radiant heating and cooling systems – Part 5: Installation – Amendment 1 (ISO 11855-5:2021/Amd 1:2023)	91.040.01	2023-11
EN ISO 14919	Thermal spraying – Wires, rods and cords for flame and arc spraying – Classification and technical supply conditions (ISO 14919:2023)	25.220.20	2023-11
EN ISO 15189/A11	Medical laboratories – Requirements for quality and competence	03.120.10; 11.100.01	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 15213-2	Microbiology of the food chain – Horizontal method for the detection and enumeration of Clostridium spp. – Part 2: Enumeration of Clostridium perfringens by colony-count technique (ISO 15213-2:2023)	07.100.30	2023-11
EN ISO 15614-13	Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Upset (resistance butt) and flash welding (ISO 15614-13:2023)	25.160.10	2023-11
EN ISO 17468	Microbiology of the food chain – Technical requirements and guidance on the establishment or revision of a standardized reference method (ISO 17468:2023)	07.100.30	2023-11
EN ISO/IEC 18045	Information security, cybersecurity and privacy protection – Evaluation criteria for IT security – Methodology for IT security evaluation (ISO/IEC 18045:2022)	35.030	2023-11
EN ISO 18279	Brazing – Imperfections in brazed joints (ISO 18279:2023)	25.160.50	2023-11
EN ISO 19160-2	Addressing – Part 2: Assigning and maintaining addresses for objects in the physical world (ISO 19160-2:2023)	03.240; 35.240.70	2023-11
EN ISO 19905-1	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)	75.180.10	2023-11
EN ISO 20137	Leather – Chemical tests – Guidelines for testing critical chemicals in leather (ISO 20137:2023)	59.140.30	2023-11
EN ISO 21549-5	Health informatics – Patient healthcard data – Part 5: Identification data (ISO 21549-5:2023)	35.240.80	2023-11
EN ISO 24252/A11	Biogas systems – Non-household and non-gasification	27.190	2023-11
EN ISO 26443	Fine ceramics (advanced ceramics, advanced technical ceramics) – Rockwell indentation test for evaluation of adhesion of ceramic coatings (ISO 26443:2023)	81.060.30	2023-11
EN ISO/ASTM 52908	Additive manufacturing of metals – Finished Part properties – Post-processing, inspection and testing of parts produced by powder bed fusion (ISO/ASTM 52908:2023)	25.030	2023-11
EN ISO/ASTM 52926-1	Additive Manufacturing of metals – Qualification principles – Part 1: General qualification of operators (ISO/ASTM 52926-1:2023)	03.100.30; 25.030	2023-11
EN ISO/ASTM 52926-2	Additive Manufacturing of metals – Qualification principles – Part 2: Qualification of operators for PBF-LB (ISO/ASTM 52926-2:2023)	03.100.30; 25.030	2023-11
EN ISO/ASTM 52926-3	Additive manufacturing of metals – Qualification principles – Part 3: Qualification of operators for PBF-EB (ISO/ASTM 52926-3:2023)	03.100.30; 25.030	2023-11
EN ISO/ASTM 52926-4	Additive manufacturing of metals – Qualification principles – Part 4: Qualification of operators for DED-LB (ISO/ASTM 52926-4:2023)	03.100.30; 25.030	2023-11
EN ISO/ASTM 52926-5	Additive manufacturing of metals – Qualification principles – Part 5: Qualification of operators for DED-Arc (ISO/ASTM 52926-5:2023)	03.100.30; 25.030	2023-11
EN ISO/ASTM 52935	Additive manufacturing of metals – Qualification principles – Qualification of coordination personnel (ISO/ASTM 52935:2023)	25.030	2023-11
EN ISO 80601-2-12	Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO 80601-2-12:2023)	11.040.10	2023-11
EN ISO 80601-2-84	Medical electrical equipment – Part 2-84: Particular requirements for the basic safety and essential performance of ventilators for the emergency medical services environment (ISO 80601-2-84:2023)	11.040.10	2023-11
EN 50657/A1	Railways Applications – Rolling stock applications – Software on Board Rolling Stock	35.080; 35.240.60	2023-11

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16603-20	Space engineering – Electrical and electronic	49.140	2023-11
EN 17926	Privacy Information Management System per ISO/IEC 27701 – Refinements in European context	35.030	2023-11
EN 17927	Security Evaluation Standard for IoT Platforms (SESIP). An effective methodology for applying cybersecurity assessment and re-use for connected products.	35.030; 35.240.95	2023-11
EN 50655-1	Electric cables – Accessories – Material characterization – Part 1: Fingerprinting for resinous compounds	29.035.20; 29.060.20	2023-11
EN 50716	Railway Applications – Requirements for software development	35.240.60; 45.020	2023-11
EN 60335-1/A16	Household and similar electrical appliances – Safety – Part 1: General requirements	13.120; 97.030	2023-11
EN IEC 60335-2-2	Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (IEC 60335-2-2:2019)	13.120; 97.080	2023-11
EN IEC 60335-2-2/A11	Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances	13.120; 97.080	2023-11
EN IEC 60335-2-7	Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines (IEC 60335-2-7:2019)	13.280; 33.100.01; 97.060	2023-11
EN IEC 60335-2-7/A11	Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines	13.280; 33.100.01; 97.060	2023-11
EN IEC 60335-2-51/A11	Household and similar electrical appliances – Safety – Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations	23.080; 91.140.10	2023-11
EN IEC 60335-2-89/AC	Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor (IEC 60335-2-89:2019/COR3:2023)	97.040.30; 97.130.20	2023-11
EN IEC 60335-2-110/A1	Household and similar electrical appliances – Safety – Part 2-110: Particular requirements for commercial microwave appliances with insertion or contacting applicators (IEC 60335-2-110:2013/A1:2019)	97.040.20	2023-11
EN IEC 60512-99-003	Connectors for electrical and electronic equipment – Tests and measurements – Part 99-003: Endurance test schedules – Test 99c: Test schedule for balanced single-pair connectors separating (unmating) under electrical load (IEC 60512-99-003:2023)	13.220.40; 31.220.10	2023-11
EN IEC 60691	Thermal-links – Requirements and application guide (IEC 60691:2023)	29.120.50	2023-11
EN IEC 60704-2-13	Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-13: Particular requirements for cooking fume extractors (IEC 60704-2-13:2023)	17.140.20; 97.040.20	2023-11
EN IEC 60799/A1	Electrical accessories – Cord sets and interconnection cord sets (IEC 60799:2018/AMD1:2022)	29.060.20; 29.120.30	2023-11
EN IEC 60974-1/A12	Arc welding equipment – Part 1: Welding power sources	25.160.30	2023-11
EN IEC 61400-50-3/AC	Wind energy generation systems – Part 50-3: Use of nacelle-mounted lidars for wind measurements (IEC 61400-50-3:2022/COR1:2023)	27.180	2023-11
EN IEC 61439-1/AC	Low-voltage switchgear and controlgear assemblies – Part 1: General rules (IEC 61439-1:2020/COR2:2023)	29.130.20	2023-11
EN IEC 61753-021-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 021-02: Single-mode fibre optic connectors terminated as pigtails and patchcords for category C – Controlled environment (IEC 61753-021-02:2023)	33.180.20	2023-11
EN IEC 61753-021-06	Fibre optic interconnecting devices and passive components – Performance standard – Part 021-06: Single-mode fibre optic connectors terminated as pigtails and patchcords for category OP+ – Extended outdoor protected environment (IEC 61753-021-06:2023)	33.180.20	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61820-3-2	Electrical installations for lighting and beaconing of aerodromes – Part 3-2: Requirements for power supplies – Particular requirements for series circuits (IEC 61820-3-2:2023)	29.140.50; 93.120	2023-11
EN IEC 61936-2	Power installations exceeding 1 kV AC and 1,5 kV DC – Part 2: DC (IEC 61936-2:2023)	29.020; 29.080.01; 29.240.01	2023-11
EN IEC 62056-5-3	Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer (IEC 62056-5-3:2023)	33.200; 35.100.70; 35.110; 35.240.99; 91.140.50	2023-11
EN IEC 62056-6-2	Electricity metering data exchange – The DLMS/COSEM suite – Part 6-2: COSEM interface classes (IEC 62056-6-2:2023)	35.110; 91.140.50	2023-11
EN IEC 62056-8-12	Electricity metering data exchange – The DLMS/COSEM suite – Part 8-12: Communication profile for Low-Power Wide Area Networks (LPWANs) (IEC 62056-8-12:2023)	33.200; 35.110; 35.240.99; 91.140.50	2023-11
EN IEC 62153-4-16/AC	Metallic cables and other passive components test methods – Part 4-16: Electromagnetic compatibility (EMC) – Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up (IEC 62153-4-16:2021/COR1:2023)	33.100.10; 33.120.10	2023-11
EN IEC 62271-103	High-voltage switchgear and controlgear – Part 103: Alternating current switches for rated voltages above 1 kV up to and including 52 kV (IEC 62271-103:2021)	29.130.10	2023-11
EN IEC 62271-105	High-voltage switchgear and controlgear – Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV (IEC 62271-105:2021)	29.130.10	2023-11
EN IEC 62282-2-100/AC	Fuel cell technologies – Part 2-100: Fuel cell modules – Safety (IEC 62282-2-100:2020/COR1:2023)	27.070	2023-11
EN IEC 62471-6	Photobiological safety of lamps and lamp systems – Part 6: Ultraviolet lamp products (IEC 62471-6:2022)	29.140.01; 31.260	2023-11
EN IEC 62561-4	Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners (IEC 62561-4:2023)	29.020; 91.120.40	2023-11
EN IEC 63203-401-1	Wearable electronic devices and technologies – Part 401-1: Devices and systems: functional elements – Evaluation method of the stretchable resistive strain sensor (IEC 63203-401-1:2023)	31.020; 31.080.99; 59.080.80	2023-11
EN IEC 63356-1	LED light source characteristics – Part 1: Data sheets (IEC 63356-1:2023)	29.140.99	2023-11
EN ISO/IEC 18045	Information security, cybersecurity and privacy protection – Evaluation criteria for IT security – Methodology for IT security evaluation (ISO/IEC 18045:2022)	35.030	2023-11
EN 50657/A1	Railways Applications – Rolling stock applications – Software on Board Rolling Stock	35.080; 35.240.60	2023-11

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI SR 000314 V 2.34.1	Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards	01.120; 03.140; 33.020	2023-11
ETSI TR 102398 V 1.5.1	Electromagnetic compatibility and Radio spectrum Matters (ERM) – Digital Mobile Radio (DMR) General System Design	33.100.10	2023-11
ETSI TS 102412 V 18.0.0	Smart Cards – Smart Card Platform Requirements Stage 1 (Release 18)	35.240.15	2023-11
ETSI TS 102822-3-1 V 1.12.1	Digital Video Broadcasting (DVB) – Broadcast and On-line Services: Search, select, and rightful use of content ('TV-Anytime') – Part 3: Metadata – Sub-part 1: Phase 1 – Metadata schemas	33.170	2023-11
ETSI TS 103410-12 V 1.1.1	SmartM2M – Extension to SAREF – Part 12: Smart Grid Domain	33.200	2023-11
ETSI TR 103450 V 1.2.1	System Reference document (SRdoc) – Technical characteristics and parameters for Wireless Multichannel Audio Systems (WMAS)	33.100.10	2023-11
ETSI TS 103732-1 V 2.1.2	CYBER – Consumer Mobile Device – Part 1: Base Protection Profile	33.040.99; 35.030	2023-11
ETSI TS 103732-2 V 1.1.2	CYBER – Consumer Mobile Device – Part 2: Biometric Authentication Protection Profile Module	33.040.99; 35.030	2023-11
ETSI TS 103900 V 2.1.1	Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Cooperative Awareness Service – Release 2	35.240.60	2023-11
ETSI TS 103918 V 2.1.1	Intelligent Transport Systems (ITS) – Security – Testing – ITS Misbehaviour Reporting – Interoperability tests specification – Release 2	35.240.60	2023-11
ETSI TS 103932-1 V 1.1.2	CYBER – Consumer Mobile Devices Base PP-Configuration – Part 1: CMD and Biometric Verification	33.040.99; 35.030	2023-11
ETSI TS 103942 V 1.1.1	Testing (MTS) – Security Testing – IoT Security Functional Modules	35.030; 35.240.95	2023-11
ETSI TS 103945 V 1.1.1	Emergency Communications (EMTEL) – PEMEA Audio Video Extension	33.040.01	2023-11
ETSI TS 118114 V 4.0.1	oneM2M – LWM2M Interworking (oneM2M TS-0014 version 4.0.1 Release 4)	33.200	2023-11
ETSI TS 118116 V 4.0.1	oneM2M – Secure Environment Abstraction (oneM2M TS-0016 version 4.0.1 Release 4)	33.200	2023-11
ETSI TS 136133 V 16.18.2	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 16.18.2 Release 16)	33.070.50; 33.070.99	2023-11
ETSI ES 201980 V 4.3.1	Digital Radio Mondiale (DRM) – System Specification	33.170	2023-11
ETSI GR NFV 007 V 3.7.1	Network Functions Virtualisation (NFV) – Release Description – Release 3	33.040.40; 35.110	2023-11
ETSI GR NFV 007 V 4.4.1	Network Functions Virtualisation (NFV) – Release Description – Release 4	33.040.40; 35.110	2023-11
ETSI GS NFV-SEC 028 V 4.5.1	Network Functions Virtualisation (NFV) Release 4 – Security – Security Assurance Specification (SCAS) for Generic NFV-MANO	35.110	2023-11
ETSI GS NFV-TST 010 V 4.3.1	Network Functions Virtualisation (NFV) Release 4 – Testing API Conformance Testing Specification	35.110	2023-11

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 80601-2-77 AMD 1	Medical electrical equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment; Amendment 1	11.040.01; 11.040.30	2023-11
IEC 80601-2-77 Edition 1.1	Medical electrical equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment	11.040.01; 11.040.30	2023-11
ISO/IEC TR 30196	Internet of Things (IoT) – IoT applications for natural gas distribution system	35.240.95; 75.200	2023-11
ISO 630-6	Structural steels – Part 6: Technical delivery conditions for seismic-proof improved structural steels for building	77.140.70; 91.120.25	2023-11
ISO 639	Code for individual languages and language groups	01.140.20	2023-11
ISO 683-6	Heat-treatable steels, alloy steels and free-cutting steels – Part 6: Hot-rolled steels for quenched and tempered springs	77.140.10; 77.140.20; 77.140.25	2023-11
ISO 683-7	Heat-treatable steels, alloy steels and free-cutting steels – Part 7: Bright products of non-alloy and alloy steels	77.140.10; 77.140.20; 77.140.45	2023-11
ISO 1151-7	Flight dynamics – Vocabulary – Part 7: Flight points and flight envelopes	01.040.49; 01.060; 49.020	2023-11
ISO/IEC 1539-1	Programming languages – Fortran – Part 1: Base language	35.060	2023-11
ISO 2561	Plastics – Determination of residual styrene monomer in polystyrene (PS) and impact-resistant polystyrene (PS-I) by gas chromatography	83.080.20	2023-11
ISO 3104	Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity	75.080	2023-11
ISO/TR 3630-6	Dentistry – Endodontic instruments – Part 6: Numeric coding system	11.060.20	2023-11
ISO 4608	Plastics – Homopolymer and copolymer resins of vinyl chloride for general use – Determination of plasticizer absorption at room temperature	83.080.20	2023-11
ISO 4631	Corrosion of metals and alloys – Measurement of the electrochemical critical localized corrosion potential (E-CLCP) for Ti alloys fabricated via additive manufacturing method in simulated biomedical solutions	77.060	2023-11
ISO 4723	Water quality – Actinium-227 – Test method using alpha-spectrometry	13.060.60; 17.240	2023-11
ISO 4990	Steel castings – General technical delivery requirements	77.140.80	2023-11
ISO 5115	Industrial valves – Part-turn valve actuation	23.060.01	2023-11
ISO 5119	Low temperature sealing capability of elastomeric seals – Test methods	23.100.60; 83.140.50	2023-11
ISO 5146	Coal and coke – Coal preparation plant – Density tracer testing for measuring performances of coal density separators	73.120	2023-11
ISO 5618-1	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for GaN crystal surface defects – Part 1: Classification of defects	81.060.30	2023-11
ISO 6011	Earth-moving machinery – Visual display of machine operation	53.100	2023-11
ISO 6779	Test conditions for vertical internal type broaching machines – Testing of accuracy	25.080.30	2023-11
ISO 6980-1	Nuclear energy – Reference beta-particle radiation – Part 1: Methods of production	17.240	2023-11
ISO 6980-2	Nuclear energy – Reference beta-particle radiation – Part 2: Calibration fundamentals related to basic quantities characterizing the radiation field	17.240	2023-11
ISO 6980-3	Nuclear energy – Reference beta-particle radiation – Part 3: Calibration of area and personal dosimeters and the determination of their response as a function of beta radiation energy and angle of incidence	17.240	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 7021	Earth-moving machinery and machinery for forestry – Operator protective structures – Material performance requirements	53.100; 65.060.01	2023-11
ISO 7204	Specification for wetting agents for application on Class A fires	13.220.10	2023-11
ISO 7481	Aerospace – Nuts, self-locking, with maximum operating temperature less than or equal to 425 °C – Test methods	49.030.30	2023-11
ISO 7539-12	Corrosion of metals and alloys – Stress corrosion testing – Part 12: Requirements for atmospheric stress corrosion cracking testing	77.060	2023-11
ISO/IEC 7816-8 AMD 1	Identification cards – Integrated circuit cards – Part 8: Commands and mechanisms for security operations – Amendment 1: Interoperability for the interchange of security operations using quantum safe cryptography	35.240.15	2023-11
ISO 8405	Tools for moulding – Ejector sleeves with cylindrical head – Basic series for general purposes	25.120.30	2023-11
ISO 8528-6	Reciprocating internal combustion engine driven alternating current generating sets – Part 6: Test methods	27.020; 29.160.40	2023-11
ISO 8559-5	Size designation of clothes – Part 5: Anthropometric measurements for the head and face	61.020	2023-11
ISO 9073-18	Nonwovens – Test methods – Part 18: Determination of tensile strength and elongation at break using the grab tensile test	59.080.30	2023-11
ISO 9306	Traditional Chinese medicine – Ephedra sinica, Ephedra intermedia and Ephedra equisetina herbaceous stem	11.120.10	2023-11
ISO 9477	High-strength cast steels for general engineering and structural purposes	77.140.80	2023-11
ISO 9862	Geosynthetics – Sampling and preparation of test specimens	59.080.70	2023-11
ISO/TS 10128	Graphic technology – Methods of adjustment of the colour reproduction of a printing system to match a set of characterization data	37.100.10	2023-11
ISO 10555-1	Intravascular catheters – Sterile and single-use catheters – Part 1: General requirements	11.040.25	2023-11
ISO 10555-4	Intravascular catheters – Sterile and single-use catheters – Part 4: Balloon dilatation catheters	11.040.25	2023-11
ISO 10781	Health informatics – HL7 Electronic Health Record-System Functional Model, Release 2.1 (EHR FM)	35.240.80	2023-11
ISO/IEC 10918-7	Information technology – Digital compression and coding of continuous-tone still images – Part 7: Reference software	35.040.30	2023-11
ISO 11336-1	Large yachts – Strength, weathertightness and watertightness of glazed openings – Part 1: Design criteria, materials, framing and testing of independent glazed openings	47.040	2023-11
ISO 11712	Anaesthetic and respiratory equipment – Supralaryngeal airways and connectors	11.040.10	2023-11
ISO 11749	Belt drives – V-ribbed belts for the automotive industry – Fatigue test	21.220.10; 43.060.10	2023-11
ISO 11855-2 AMD 1	Building environment design – Embedded radiant heating and cooling systems – Part 2: Determination of the design heating and cooling capacity – Amendment 1	91.040.01	2023-11
ISO/TS 11899-1	Fine bubble technology – Transportation and dispensing systems for agro- and aqua-cultural applications – Part 1: Ultrafine bubble concentration loss in ultrafine bubble water passing through long-distance plastic pipes	7.030	2023-11
ISO 11972	Corrosion-resistant cast steels for general applications	77.140.20; 77.140.80	2023-11
ISO 11973	Heat-resistant cast steels and alloys for general applications	77.140.20; 77.140.80	2023-11
ISO 12261	Aerospace – Screws, pan head, internal offset cruciform ribbed or unribbed drive, pitch diameter shank, long length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa – Dimensions	49.030.20	2023-11
ISO 12829	Hydraulic spin-on filters with finite lives – Method for verifying the rated fatigue life and the rated static burst pressure of the pressure-containing envelope	23.100.60	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 13315-3	Environmental management for concrete and concrete structures – Part 3: Production of concrete constituents and concrete	13.020.10; 91.080.40; 91.100.30	2023-11
ISO 13674-1	Road vehicles – Test method for the quantification of on-centre handling – Part 1: Weave test	43.020	2023-11
ISO 14180	Coal – Guidance on the sampling of coal seams	73.040	2023-11
ISO 14300-2	Space systems – Programme management – Part 2: Product assurance	49.140	2023-11
ISO 14960-1	Tubeless tyres – Valves and components – Part 1: Snap-in tyre valves test methods	83.160.01	2023-11
ISO 15213-2	Microbiology of the food chain – Horizontal method for the detection and enumeration of Clostridium spp. – Part 2: Enumeration of Clostridium perfringens by colony-count technique	07.100.30	2023-11
ISO/IEC 15444-2	Information technology – JPEG 2000 image coding system – Part 2: Extensions	35.040.30	2023-11
ISO 15614-13	Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Upset (resistance butt) and flash welding	25.160.10	2023-11
ISO 15765-5	Road vehicles – Diagnostic communication over Controller Area Network (DoCAN) – Part 5: Specification for an in-vehicle network connected to the diagnostic link connector	43.040.15; 43.180	2023-11
ISO 16119-5	Agricultural and forestry machinery – Environmental requirements for sprayers – Part 5: Aerial spray systems	65.060.40	2023-11
ISO 16494-1 AMD 1	Heat recovery ventilators and energy recovery ventilators – Method of test for performance – Part 1: Development of metrics for evaluation of energy related performance – Amendment 1	23.120; 27.080	2023-11
ISO/TS 16943	Thermoplastic pipes for the conveyance of fluids – Inspection of polyethylene electrofusion socket joints using phased array ultrasonic testing	23.040.20	2023-11
ISO 17468	Microbiology of the food chain – Technical requirements and guidance on the establishment or revision of a standardized reference method	07.100.30	2023-11
ISO 18279	Brazing – Imperfections in brazed joints	25.160.50	2023-11
ISO/IEC 18630	Information technology – Digitally recorded media for information interchange and storage – Quality discrimination method for optical disks and operating method of storage systems for long-term data preservation	35.220.30	2023-11
ISO/TS 19096	Metallic materials – Instrumented indentation test for hardness and materials parameters – Evaluation of stress change using indentation force differences	77.040.10	2023-11
ISO 19160-2	Addressing – Part 2: Assigning and maintaining addresses for objects in the physical world	35.240.70	2023-11
ISO 20137	Leather – Chemical tests – Guidelines for testing critical chemicals in leather	59.140.30	2023-11
ISO/IEC 20243-1	Information technology – Open Trusted Technology Provider™ Standard (O-TTPS) – Part 1: Requirements and recommendations for mitigating maliciously tainted and counterfeit products	13.310; 35.030	2023-11
ISO/IEC 20243-2	Information technology – Open Trusted Technology Provider™ Standard (O-TTPS) – Part 2: Assessment procedures for the O-TTPS	13.310; 35.030	2023-11
ISO 20427	Pigments and extenders – Dispersion procedure for sedimentation-based particle sizing of suspended pigment or extender with liquid sedimentation methods	87.060.10	2023-11
ISO 20670	Water reuse – Vocabulary	01.040.13; 13.060.01	2023-11
ISO 22388	Security and resilience – Authenticity, integrity and trust for products and documents – Guidelines for securing physical documents	03.100.01; 13.310	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 22733-2	Road vehicles – Test method to evaluate the performance of autonomous emergency braking systems – Part 2: Car to pedestrian	43.040.40	2023-11
ISO/IEC 23090-5	Information technology – Coded representation of immersive media – Part 5: Visual volumetric video-based coding (V3C) and video-based point cloud compression (V-PCC)	35.040.40	2023-11
ISO/IEC 23090-14 AMD 1	Information technology – Coded representation of immersive media – Part 14: Scene description – Amendment 1: Support for immersive media codecs in scene description	35.040.40	2023-11
ISO/IEC 23092-6	Information technology – Genomic information representation – Part 6: Coding of genomic annotations	35.040.99	2023-11
ISO/IEC 23093-4	Information technology – Internet of media things – Part 4: Reference software and conformance	35.040.40	2023-11
ISO 23237	Glass in building – Laminated solar photovoltaic glass for use in buildings – Light transmittance measurement method	27.160; 81.040.20	2023-11
ISO 23948	Plastics – Intumescence properties of PVC materials and products – Test method for the measurement of expansion with the cone calorimeter	13.220.40; 83.080.01	2023-11
ISO 23953-1	Refrigerated display cabinets – Part 1: Vocabulary	01.040.97; 97.130.20	2023-11
ISO 23953-2	Refrigerated display cabinets – Part 2: Classification, requirements and test conditions	97.130.20	2023-11
ISO/TR 24317	Intelligent transport systems – Mobility integration – Mobility integration needs for vulnerable users and light modes of transport	03.220.01; 35.240.60	2023-11
ISO 24381	Bee propolis – Specifications	65.140	2023-11
ISO 24390	Nuclear energy – Nuclear fuel technology – Methodologies for radioactivity characterization of very low-level waste (VLLW) generated by nuclear facilities	13.030.30; 27.120.20	2023-11
ISO 24566-1	Drinking water, wastewater and storm water systems and services – Adaptation of water services to climate change impacts – Part 1: Assessment principles	03.080.30; 13.020.30; 13.060.01	2023-11
ISO/TS 24672	Nanotechnologies – Guidance on the measurement of nanoparticle number concentration	7.120	2023-11
ISO/IEC 25010	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Product quality model	35.080	2023-11
ISO/IEC 25019	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Quality-in-use model	35.080	2023-11
ISO/IEC 27402	Cybersecurity – IoT security and privacy – Device baseline requirements	35.030	2023-11
ISO/IEC 30173	Digital twin – Concepts and terminology	35.020	2023-11
ISO 31101	Robotics – Application services provided by service robots – Safety management systems requirements	03.080.99; 03.100.70; 25.040.30	2023-11
ISO 37004	Governance of organizations – Governance maturity model – Guidance	03.100.02	2023-11
ISO 37162	Smart community infrastructures – Smart transportation for newly developing areas	03.220.01; 13.020.20	2023-11
ISO/ASTM 52908	Additive manufacturing of metals – Finished part properties – Post-processing, inspection and testing of parts produced by powder bed fusion	25.030	2023-11
ISO/ASTM 52926-1	Additive manufacturing of metals – Qualification principles – Part 1: General qualification of operators	03.100.30; 25.030	2023-11
ISO/ASTM 52926-2	Additive manufacturing of metals – Qualification principles – Part 2: Qualification of operators for PBF-LB	03.100.30; 25.030	2023-11
ISO/ASTM 52926-3	Additive manufacturing of metals – Qualification principles – Part 3: Qualification of operators for PBF-EB	03.100.30; 25.030	2023-11
ISO/ASTM 52926-4	Additive manufacturing of metals – Qualification principles – Part 4: Qualification of operators for DED-LB	03.100.30; 25.030	2023-11
ISO/ASTM 52926-5	Additive manufacturing of metals – Qualification principles – Part 5: Qualification of operators for DED-Arc	03.100.30; 25.030	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/ASTM 52935	Additive manufacturing of metals – Qualification principles – Qualification of coordination personnel	25.030	2023-11
ISO 80601-2-12	Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators	11.040.10	2023-11
IEC 80601-2-77 AMD 1	Medical electrical equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment – Amendment 1	11.040.01	2023-11
ISO 80601-2-84	Medical electrical equipment – Part 2-84: Particular requirements for the basic safety and essential performance of ventilators for the emergency medical services environment	11.040.10	2023-11

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CISPR/TR 16-4-6	Specification for radio disturbance and immunity Measuring apparatus and methods – Part 4-6: Uncertainties, statistics and limit modelling – Statistics on radio frequency interference (RFI) and verification by measurements in the field	33.100.20	2023-11
CISPR/TR 16-4-4	Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-4: The CISPR model for the calculation of limits for the protection of radio services	33.100.10; 33.100.20	2023-11
IEC Guide 121	Securing credible environmentally relevant performance assessment methods in standards	01.120; 13.020.01; 29.020	2023-11
IEC/TR 6353	IEC TR 6XXXX ED1: Integrating distributed PV into LVDC systems and use cases	27.160; 91.140.50	2023-11
IEC/TR 61000-1-9	Electromagnetic compatibility (EMC) – Part 1-9: General – Evaluation of uncertainty for the measurement of harmonic current emissions	33.100.01	2023-11
IEC/TR 61000-3-18	Electromagnetic compatibility (EMC) – Part 3-18: Limits – Assessment of network characteristics for the application of harmonic emission limits – Equipment connected to LV distribution systems not covered by IEC 61000-3-2 and IEC 61000-3-12	33.100.10	2023-11
IEC/TR 62263	Live working – Guidelines for the installation and maintenance of optical fibre cables on overhead power lines	13.260	2023-11
IEC/TR 60068-3-15	Environmental Testing – Part 3-15: Supporting documentation and guidance – Vacuum-assisted reflow soldering	19.040; 25.160.50	2023-11
IEC/TR 63447-2	Form factor of smart mobile device – Part 2: Use cases of multimedia services	33.050.01	2023-11
IEC/TR 60728-201	Cable networks for television signals, sound signals and interactive services – Part 201: A Study of IPTV System for Optical Broadcast Service	33.170; 35.240.95	2023-11
IEC/TR 63340-3	Electronic displays for special applications – Part 3: Gaming and e-sports	31.120	2023-11
IEC/TR 63179	Planning of HVDC systems	01.040.29; 29.200	2023-11
IEC/TR 63502	Parameters measurement of HVDC transmission line	29.240.01	2023-11
IEC/TR 62899-250	Printed electronics – Part 250: Material technologies required in printed electronics for wearable smart devices	29.035.01; 31.180; 35.240.50; 59.080.80	2023-11
IEC/TR 62933-3-200	Electrical Energy Storage (EES) Systems – Part 3-200: Design principles of electrochemical based EES systems	27.010	2023-11
IEC 60071-11 Corrigendum 1	Insulation co-ordination – Part 11: Definitions, principles and rules for HVDC system, Corrigendum 1	01.040.29; 29.080.30	2023-11
IEC/TS 60079-44	Explosive atmospheres – Part 44: Personal competence	29.260.20	2023-11
IEC/TS 60079-48	Explosive atmospheres – Part 48: Portable or Personal Electronic Equipment – Guide for the use of equipment without a certificate for use in Hazardous Areas	29.260.20	2023-11
IEC 60143-1 AMD 1	Series capacitors for power systems – Part 1: General; Amendment 1	31.060.70	2023-11
IEC 60143-1 Edition 5.1	Series capacitors for power systems – Part 1: General	31.060.70	2023-11
IEC 60268-24	Sound system equipment – Part 24: Headphones and earphones – Active acoustic noise cancelling characteristics	33.160.01; 33.160.50	2023-11
IEC/TS 60286-6-1	Packaging of components for automatic handling – Part 6-1: Bulk case packaging for miniaturized surface mounting components	31.020; 55.160	2023-11
IEC 60404-8-3	Magnetic materials – Part 8-3: Specifications for individual materials – Cold-rolled non-oriented electrical steel strip and sheet delivered in the semi-processed state	17.220.20; 29.030	2023-11
IEC 60502-4	Power cables with extruded insulation and their accessories for rated voltages from 1 kV ($U_m = 1,2$ kV) up to 30 kV ($U_m = 36$ kV) – Part 4: Test requirements on accessories for cables with rated voltages from 6 kV ($U_m = 7,2$ kV) up to 30 kV ($U_m = 36$ kV)	29.060.20	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 60601-2-19 AMD 1	Medical electrical equipment – Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators; Amendment 1	11.040.10	2023-11
IEC 60601-2-19 Edition 3.1	Medical electrical equipment – Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators	11.040.10	2023-11
IEC 60601-2-20 AMD 1	Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators; Amendment 1	11.040.10	2023-11
IEC 60601-2-20 Edition 3.1	Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators	11.040.10	2023-11
IEC 60601-2-21 AMD 1	Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers; Amendment 1	11.040.10	2023-11
IEC 60601-2-21 Edition 3.1	Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers	11.040.10	2023-11
IEC 60763-2 AMD 1	Specification for laminated pressboard – Part 2: Methods of test; Amendment 1	17.220.99; 29.035.10	2023-11
IEC 60763-2 Edition 2.1	Specification for laminated pressboard – Part 2: Methods of test	17.220.99; 29.035.10	2023-11
IEC 60809 AMD 1	Lamps and light sources for road vehicles – Dimensional, electrical and luminous requirements; Amendment 1	29.140.20; 43.040.20	2023-11
IEC 60809 Edition 4.1	Lamps and light sources for road vehicles – Dimensional, electrical and luminous requirements	29.140.20; 43.040.20	2023-11
IEC 60811-201 AMD 2	Electric and optical fibre cables – Test methods for non-metallic materials – Part 201: General tests – Measurement of insulation thickness; Amendment 2	29.035.01; 29.060.20	2023-11
IEC 60811-201 Edition 1.2	Electric and optical fibre cables – Test methods for non-metallic materials – Part 201: General tests – Measurement of insulation thickness	29.035.01; 29.060.20	2023-11
IEC 60811-202 AMD 2	Electric and optical fibre cables – Test methods for non-metallic materials – Part 202: General tests – Measurement of thickness of non-metallic sheath; Amendment 2	29.035.01; 29.060.20	2023-11
IEC 60811-202 Edition 1.2	Electric and optical fibre cables – Test methods for non-metallic materials – Part 202: General tests – Measurement of thickness of non-metallic sheath	29.035.01; 29.060.20	2023-11
IEC 60811-501 AMD 2	Electric and optical fibre cables – Test methods for non-metallic materials – Part 501: Mechanical tests – Tests for determining the mechanical properties of insulating and sheathing compounds; Amendment 2	29.035.01; 29.060.20	2023-11
IEC 60811-501 Edition 1.2	Electric and optical fibre cables – Test methods for non-metallic materials – Part 501: Mechanical tests – Tests for determining the mechanical properties of insulating and sheathing compounds	29.035.01; 29.060.20	2023-11
IEC 60811-503 AMD 1	Electric and optical fibre cables – Test methods for non-metallic materials – Part 503: Mechanical tests – Shrinkage test for sheaths; Amendment 1	29.035.01; 29.060.20	2023-11
IEC 60811-503 Edition 1.1	Electric and optical fibre cables – Test methods for non-metallic materials – Part 503: Mechanical tests – Shrinkage test for sheaths	29.035.01; 29.060.20	2023-11
IEC 60811-508 AMD 2	Electric and optical fibre cables – Test methods for non-metallic materials – Part 508: Mechanical tests – Pressure test at high temperature for insulation and sheaths; Amendment 2	29.035.01; 29.060.20	2023-11
IEC 60811-508 Edition 1.2	Electric and optical fibre cables – Test methods for non-metallic materials – Part 508: Mechanical tests – Pressure test at high temperature for insulation and sheaths	29.035.01; 29.060.20	2023-11
IEC 60893-2	Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 2: Methods of test	29.035.01; 29.035.20	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 60947-4-1	Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters	29.120.99; 29.130.20	2023-11
IEC/TS 61000-3-16	Electromagnetic compatibility (EMC) – Part 3-16: Limits – Limits for harmonic currents produced by the inverter of inverter-type electrical energy-supplying equipment with a reference current less than or equal to 75 A per phase connected to public low-voltage systems	33.100.01; 33.100.10	2023-11
IEC 61097-12 AMD 2	Global maritime distress and safety system (GMDSS) – Part 12: Survival craft portable two-way VHF radiotelephone apparatus – Operational and performance requirements, methods of testing and required test results; Amendment 2	33.060.20; 33.060.99; 47.020.70	2023-11
IEC 61097-12 Edition 1.1 Corrigendum 1	Global maritime distress and safety system (GMDSS) – Part 12: Survival craft portable two-way VHF radiotelephone apparatus – Operational and performance requirements, methods of testing and required test results; Corrigendum 1	33.060.99; 47.020.70	2023-11
IEC 61097-12 Edition 1.2	Global maritime distress and safety system (GMDSS) – Part 12: Survival craft portable two-way VHF radiotelephone apparatus – Operational and performance requirements, methods of testing and required test results	33.060.99; 47.020.70	2023-11
IEC 61139-3	Industrial networks – Single-drop digital communication interface – Part 3: Wireless extensions	25.040.40; 35.200; 35.240.50	2023-11
IEC/TS 61156-1-2	Multicore and symmetrical pair/quad cables for digital communications – Part 1-2: Electrical transmission characteristics and test methods of symmetrical pair/quad cables	33.120.20	2023-11
IEC 61300-2-6	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-6: Tests – Tensile strength of coupling mechanism	33.180.20	2023-11
IEC 61300-2-11	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-11: Tests – Axial compression	33.180.20	2023-11
IEC/TS 61400-31	Wind energy generation systems – Part 31: Siting risk assessment	27.180	2023-11
IEC 61400-50-3 Corrigendum 1	Wind energy generation systems – Part 50-3: Use of nacelle-mounted lidars for wind measurements; Corrigendum 1	27.180	2023-11
IEC 61753-081-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 081-02: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category C – Controlled environments	33.180.10; 33.180.20	2023-11
IEC 61753-081-03	Fibre optic interconnecting devices and passive components – Performance standard – Part 081-03: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP – Outdoor protected environment	33.180.10; 33.180.20	2023-11
IEC 61753-081-06	Fibre optic interconnecting devices and passive components – Performance standard – Part 081-06: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP+ – Extended outdoor protected environment	33.180.10; 33.180.20	2023-11
IEC 61851-1 Corrigendum 1	Electric vehicle conductive charging system – Part 1: General requirements; Corrigendum 1	43.120	2023-11
IEC/TS 61966-13	Multimedia systems and equipment – Colour measurement and management – Part 13: Measurement method of display colour properties depending on observers	17.180.20; 31.120; 33.160.60	2023-11
IEC 61969-3	Mechanical structures for electrical and electronic equipment – Outdoor enclosures – Part 3: Environmental requirements, tests and safety aspects	31.240	2023-11
IEC 62153-4-16 Corrigendum 1	Metallic cables and other passive components test methods – Part 4-16: Electromagnetic compatibility (EMC) – Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up; Corrigendum 1	33.100.10; 33.120.10	2023-11
IEC 62271-207	High-voltage switchgear and controlgear – Part 207: Seismic qualification for gas-insulated switchgear assemblies, metal enclosed and solid-insulation enclosed switchgear for rated voltages above 1 kV	29.130.10	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62282-2-100 Corrigendum 1	Fuel cell technologies – Part 2-100: Fuel cell modules – Safety; Corrigendum 1	27.070	2023-11
IEC/TS 62351-100-4	Power systems management and associated information exchange – Data and communication security – Part 100-4: Cybersecurity conformance testing for IEC 62351-4	33.200; 35.030	2023-11
IEC 62453-71	Field device tool (FDT) interface specification – Part 71: OPC UA Information Model for FDT	35.160; 35.240.50	2023-11
IEC 62453-302	Field device tool (FDT) interface specification – Part 302: Communication profile integration – IEC 61784 CPF 2	25.040.40; 35.100.05; 35.110; 35.160; 35.240.50	2023-11
IEC 62506	Methods for product accelerated testing	03.120.01; 21.020; 29.020	2023-11
IEC 62626-1	Low-voltage switchgear and controlgear enclosed equipment – Part 1: Additional requirements for enclosed switch-disconnectors in accordance with IEC 60947-3 – Isolation of electrical equipment during repair and maintenance work in specific applications	29.120.40; 29.130.20	2023-11
IEC 62772	Composite hollow core station post insulators with a.c. voltage greater than 1 000 V and d.c. voltage greater than 1 500 V – Definitions, test methods and acceptance criteria	29.080.10	2023-11
IEC/TS 62786-1	Distributed energy resources connection with the grid – Part 1: General requirements	29.240.01	2023-11
IEC/TS 62786-3	Distributed energy resources connection with the grid – Part 3: Additional requirements for stationary battery energy storage system	29.240.01	2023-11
IEC/TS 62898-2 AMD 1	Microgrids – Part 2: Guidelines for operation; Amendment 1	29.240.01	2023-11
IEC/TS 62898-2 Edition 1.1	Microgrids – Part 2: Guidelines for operation	29.240.01	2023-11
IEC/TS 62898-3-1 AMD 1	Microgrids – Part 3-1: Technical requirements – Protection and dynamic control; Amendment 1	29.240.01	2023-11
IEC/TS 62898-3-1 Edition 1.1	Microgrids – Part 3-1: Technical requirements – Protection and dynamic control	29.240.01	2023-11
IEC 62933-4-4	Electrical energy storage (EES) systems – Part 4-4: Environmental requirements for battery-based energy storage systems (BESS) with reused batteries	13.020.30; 27.010; 29.220.01	2023-11
IEC/TS 63191	Demand-side power quality management	29.020; 29.240.01; 33.200	2023-11
IEC 63251	Test method for mechanical properties of flexible opto-electric circuit boards under thermal stress	31.180	2023-11
IEC/TR 63385-1	Transmitting and receiving equipment for radiocommunication – Short-range radar technologies and their performance standard – Part 1: System applications of short-range radars	33.060.20; 33.060.99	2023-11
IEC/TS 63444	Industrial networks – Ethernet-APL port profile specification	35.100.10; 35.110; 35.240.50	2023-11
IEC/TR 63475	Overview of Universal Archival Disk Format (UADF)	35.220.01; 35.220.30	2023-11
IEC/TR 63478-1	User's quality of experience on multimedia conferencing services – Part 1: General	33.160.60	2023-11
IEC/TR 63479-1	Infotainment Services for Public Vehicles (PVIS) – Part 1: General	33.160.60; 43.040.15	2023-11
IEC/PAS 63503-3-30	Fibre optic interconnecting devices and passive components – Connector optical interfaces for multi-core fibre – Part 3-30: Connector parameters of standard outer diameter 4-core physically contacting fibres – Non-angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules	33.180.20	2023-11
IEC 80601-2-77 AMD 1	Medical electrical equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment; Amendment 1	11.040.01; 11.040.30	2023-11
IEC 80601-2-77 Edition 1.1	Medical electrical equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment	11.040.01; 11.040.30	2023-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC TR 30196	Internet of Things (IoT) – IoT applications for natural gas distribution system	35.240.95; 75.200	2023-11
ISO/IEC 1539-1	Programming languages – Fortran – Part 1: Base language	35.060	2023-11
ISO/IEC 7816-8 AMD 1	Identification cards – Integrated circuit cards – Part 8: Commands and mechanisms for security operations – Amendment 1: Interoperability for the interchange of security operations using quantum safe cryptography	35.240.15	2023-11
ISO/IEC 10918-7	Information technology – Digital compression and coding of continuous-tone still images – Part 7: Reference software	35.040.30	2023-11
ISO/IEC 15444-2	Information technology – JPEG 2000 image coding system – Part 2: Extensions	35.040.30	2023-11
ISO/IEC 18630	Information technology – Digitally recorded media for information interchange and storage – Quality discrimination method for optical disks and operating method of storage systems for long-term data preservation	35.220.30	2023-11
ISO/IEC 20243-1	Information technology – Open Trusted Technology Provider™ Standard (O-TTPS) – Part 1: Requirements and recommendations for mitigating maliciously tainted and counterfeit products	13.310; 35.030	2023-11
ISO/IEC 20243-2	Information technology – Open Trusted Technology Provider™ Standard (O-TTPS) – Part 2: Assessment procedures for the O-TTPS	13.310; 35.030	2023-11
ISO/IEC 23090-5	Information technology – Coded representation of immersive media – Part 5: Visual volumetric video-based coding (V3C) and video-based point cloud compression (V-PCC)	35.040.40	2023-11
ISO/IEC 23090-14 AMD 1	Information technology – Coded representation of immersive media – Part 14: Scene description – Amendment 1: Support for immersive media codecs in scene description	35.040.40	2023-11
ISO/IEC 23092-6	Information technology – Genomic information representation – Part 6: Coding of genomic annotations	35.040.99	2023-11
ISO/IEC 23093-4	Information technology – Internet of media things – Part 4: Reference software and conformance	35.040.40	2023-11
ISO/IEC 25010	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Product quality model	35.080	2023-11
ISO/IEC 25019	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Quality-in-use model	35.080	2023-11
ISO/IEC 27402	Cybersecurity – IoT security and privacy – Device baseline requirements	35.030	2023-11
ISO/IEC 30173	Digital twin – Concepts and terminology	35.020	2023-11
ISO 80601-2-12	Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators	11.040.10	2023-11
IEC 80601-2-77 AMD 1	Medical electrical equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment – Amendment 1	11.040.01	2023-11
ISO 80601-2-84	Medical electrical equipment – Part 2-84: Particular requirements for the basic safety and essential performance of ventilators for the emergency medical services environment	11.040.10	2023-11