

Hrvatski zavod za norme

Oglasnik za normativne dokumente

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

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

HRS CEN/TS 17630:2021 en pr
Pulpa, papir i karton – Određivanje antrakinona iz ekstrakta pulpe, papira i kartona (CEN/TS 17630:2021)
Pulp, paper and paperboard – Determination of anthraquinone in extracts from pulp, paper and paperboard (CEN/TS 17630:2021)

HZN/TO 8, *Brodogradnja*

HRN EN ISO 8849:2021 en pr
Mala plovila – Elektromotorne kaljužne crpke (ISO 8849:2020; EN ISO 8849:2021)
Small craft – Electrically operated bilge pumps (ISO 8849:2020; EN ISO 8849:2021)

HRN EN ISO 14945:2021 en pr
Mala plovila – Pločica graditelja (ISO 14945:2021; EN ISO 14945:2021)
Small craft – Builder's plate (ISO 14945:2021; EN ISO 14945:2021)

HRN EN ISO 14946:2021 en pr
Mala plovila – Najveća nosivost (ISO 14946:2021; EN ISO 14946:2021)
Small craft – Maximum load capacity (ISO 14946:2021; EN ISO 14946:2021)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 54-1:2021 en pr
Sustavi za otkrivanje i dojavu požara – 1. dio: Uvod (EN 54-1:2021)
Fire detection and fire alarm systems – Part 1: Introduction (EN 54-1:2021)

HZN/TO 22, *Cestovna vozila*

HRN EN 17278:2021 en pr
Vozila na prirodni plin – Uređaji za punjenje vozila (EN 17278:2021)
Natural gas vehicles – Vehicle fuelling appliances (EN 17278:2021)

HRN EN ISO 18541-1:2021 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 1. dio: Opće informacije i definicija slučaja uporabe (use case) (ISO 18541-1:2021; EN ISO 18541-1:2021)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 1: General information and use case definition (ISO 18541-1:2021; EN ISO 18541-1:2021)

HRN EN ISO 18541-2:2021 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 2. dio: Tehnički zahtjevi (ISO 18541-2:2021; EN ISO 18541-2:2021)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 2: Technical requirements (ISO 18541-2:2021; EN ISO 18541-2:2021)

HRN EN ISO 18541-3:2021 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 3. dio: Zahtjevi za korisničko sučelje (ISO 18541-3:2021; EN ISO 18541-3:2021)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 3: Functional user interface requirements (ISO 18541-3:2021; EN ISO 18541-3:2021)

HRN EN ISO 18541-4:2021 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 4. dio: Provjera sukladnosti (ISO 18541-4:2021; EN ISO 18541-4:2021)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 4: Conformance test (ISO 18541-4:2021; EN ISO 18541-4:2021)

HZN/TO 25, *Ljevarstvo*

HRN EN 10222-2:2021 en pr
Čelični otkivci za tlačne namjene – 2. dio: Feritni i martenzitni čelici s utvrđenim svojstvima pri povišenim temperaturama (EN 10222-2:2017+A1:2021)
Steel forgings for pressure purposes – Part 2: Ferritic and martensitic steels with specified elevated temperatures properties (EN 10222-2:2017+A1:2021)

HRN EN 10222-4:2021 en pr
Čelični otkivci za tlačne namjene – 4. dio: Zavarljivi sitnozrnati čelici s visokom granicom razvlačenja (EN 10222-4:2017+A1:2021)
Steel forgings for pressure purposes – Part 4: Weldable fine grain steels with high proof strength (EN 10222-4:2017+A1:2021)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 8167:2021 en pr
Elektrotopno zavarivanje – Utisnuto bradavičasto zavarivanje – Bradavice za elektrotopno bradavičasto zavarivanje (ISO 8167:2021; EN ISO 8167:2021)
Resistance welding – Embossed projection welding – Projections for resistance welding (ISO 8167:2021; EN ISO 8167:2021)

HRN EN ISO 17633:2018/A1:2021 en pr
Dodatni i potrošni materijali za zavarivanje – Žice punjene praškom i šipke za elektrotopno zavarivanje sa zaštitnim plinom i bez zaštitnog plina za nehrđajuće čelike i čelike otporne na visoke temperature – Razredba (ISO 17633:2017/Amd 1:2021; EN ISO 17633:2018/A1:2021)
Welding consumables – Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels – Classification (ISO 17633:2017/Amd 1:2021; EN ISO 17633:2018/A1:2021)

HZN/TO 54, *Eterična ulja*

HRN EN ISO 9235:2021 en pr
Prirodne aromatične sirovine – Rječnik (ISO 9235:2021; EN ISO 9235:2021)
Aromatic natural raw materials – Vocabulary (ISO 9235:2021; EN ISO 9235:2021)

HZN/TO 71, *Beton*

HRN EN 12390-1:2021 en pr
Ispitivanje očvrsloga betona – 1. dio: Oblik, dimenzije i drugi zahtjevi za uzorke i kalupe (EN 12390-1:2021)
Testing hardened concrete – Part 1: Shape, dimensions and other requirements for specimens and moulds (EN 12390-1:2021)

HRN EN 12504-4:2021 en pr
Ispitivanje betona u konstrukcijama – 4. dio: Određivanje brzine ultrazvučnog impulsa (EN 12504-4:2021)
Testing concrete in structures – Part 4: Determination of ultrasonic pulse velocity (EN 12504-4:2021)

HZN/TO 108, *Mehaničke vibracije i udari*

HRN EN ISO 8041-2:2021 en pr
Reakcija ljudskog tijela na vibracije – Mjerni instrumenti – 2. dio: Mjerila osobne izloženosti vibracijama (ISO 8041-2:2021; EN ISO 8041-2:2021)
Human response to vibration – Measuring instrumentation – Part 2: Personal vibration exposure meters (ISO 8041-2:2021; EN ISO 8041-2:2021)

HZN/TO 120, *Koža i obuća*

HRN EN ISO 16181-2:2021 en pr
Obuća – Kritične tvari potencijalno prisutne u obući i dijelovima obuće – 2. dio: Određivanje ftalata u materijalima za obuću bez ekstrakcije otapalima (ISO 16181-2:2021; EN ISO 16181-2:2021)
Footwear – Critical substances potentially present in footwear and footwear components – Part 2: Determination of phthalate without solvent extraction (ISO 16181-2:2021; EN ISO 16181-2:2021)

HRN EN ISO 16186:2021 en pr
Obuća – Kritične tvari potencijalno prisutne u obući i dijelovima obuće – Određivanje dimetil-fumarata (DMFU) u materijalima za obuću (ISO 16186:2021; EN ISO 16186:2021)
Footwear – Critical substances potentially present in footwear and footwear components – Determination of dimethyl fumarate (DMFU) (ISO 16186:2021; EN ISO 16186:2021)

HZN/TO 126, Duhan i duhanski proizvodi

HRN ISO 8454:2010/A2:2021 en pr
Cigarete – Određivanje ugljikovog monoksida u parnoj fazi dima cigarete – NDIR metoda (ISO 8454:2007/Amd 2:2019)
Cigarettes – Determination of carbon monoxide in the vapour phase of cigarette smoke – NDIR method (ISO 8454:2007/Amd 2:2019)

HZN/TO 130, Grafička tehnologija

HRN ISO 2836:2021 en pr
Grafička tehnologija – Otisci i tiskarske boje – Procjena postojanosti na različite agense (ISO 2836:2021)
Graphic technology – Prints and printing inks – Assessment of resistance of prints to various agents (ISO 2836:2021)

HRN ISO 12647-8:2021 en pr
Grafička tehnologija – Kontrola postupaka za proizvodnju rasterskih izvadaka, probnog i proizvodnog otiska – 8. dio: Provjera tiskarskog procesa nastalog direktno iz digitaliziranih podataka (ISO 12647-8:2021)
Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 8: Validation print processes working directly from digital data (ISO 12647-8:2021)

HZN/TO 136, Namještaj

HRN EN 16890:2021 en pr
Namještaj za djecu – Madraci za dječje krevete i dječje krevetiće – Sigurnosni zahtjevi i metode ispitivanja (EN 16890:2017+A1:2021)
Children's furniture – Mattresses for cots and cribs – Safety requirements and test methods (EN 16890:2017+A1:2021)

HRN EN 17191:2021 en pr
Namještaj za djecu – Dječji namještaj za sjedenje – Sigurnosni zahtjevi i metode ispitivanja (EN 17191:2021)
Children's Furniture – Seating for children – Safety requirements and test methods (EN 17191:2021)

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

HRS CEN/TS 1046:2021 en pr
Plastomerni cijevni i kanalni sustavi – Gravitacijski sustavi i sustavi pod tlakom izvan građevinskih konstrukcija – Ugradnja u kanal (CEN/TS 1046:2021)
Thermoplastics piping and ducting systems – Outside the building structures for gravity and pressurised systems – Trench installation (CEN/TS 1046:2021)

HRN EN 1555-1:2021 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 1. dio: Općenito (EN 1555-1:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 1: General (EN 1555-1:2021)

HRN EN 1555-2:2021 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 2. dio: Cijevi (EN 1555-2:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 2: Pipes (EN 1555-2:2021)

HRN EN 1555-3:2021 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 3. dio: Spojnice (EN 1555-3:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 3: Fittings (EN 1555-3:2021)

HRN EN 1555-4:2021 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 4. dio: Ventili (EN 1555-4:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 4: Valves (EN 1555-4:2021)

HRN EN 1555-5:2021 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 5. dio: Prikladnost sustava za uporabu (EN 1555-5:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 5: Fitness for purpose of the system (EN 1555-5:2021)

HRN EN ISO 23856:2021 en pr
Plastični cijevni sustavi za tlačnu i netlačnu opskrbu vodom, odvodnju i kanalizaciju – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) (ISO 23856:2021; EN ISO 23856:2021)
Plastics piping systems for pressure and non-pressure water supply, drainage or sewerage – Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin (ISO 23856:2021; EN ISO 23856:2021)

HZN/TO 147, Kvaliteta vode

HRN EN ISO 10703:2021 en pr
Kvaliteta vode – Radionuklidi koji emitiraju gama zračenje – Metoda ispitivanja s upotrebom visokorezolucijske gama-spektrometrije (ISO 10703:2021; EN ISO 10703:2021)
Water quality – Gamma-ray emitting radionuclides – Test method using high resolution gamma-ray spectrometry (ISO 10703:2021; EN ISO 10703:2021)

HRN EN ISO 13162:2021 en pr
Kvaliteta vode – Ugljik-14 – Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO 13162:2021; EN ISO 13162:2021)
Water quality – Carbon 14 – Test method using liquid scintillation counting (ISO 13162:2021; EN ISO 13162:2021)

HRN EN ISO 22515:2021 en pr
Kvaliteta vode – Željezo-55 – Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO 22515:2021; EN ISO 22515:2021)
Water quality – Iron-55 – Test method using liquid scintillation counting (ISO 22515:2021; EN ISO 22515:2021)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 19980:2021 en pr
Oftalmološki instrumenti – Kornealni topograferi (ISO 19980:2021; EN ISO 19980:2021)
Ophthalmic instruments – Corneal topographers (ISO 19980:2021; EN ISO 19980:2021)

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19111:2020/A1:2021 en pr
Geoinformacije – Referenciranje koordinatama (ISO 19111:2019/Amd 1:2021; EN ISO 19111:2020/A1:2021)
Geographic information – Referencing by coordinates (ISO 19111:2019/Amd 1:2021; EN ISO 19111:2020/A1:2021)

HRN EN ISO 19116:2020/A1:2021 en pr
Geoinformacije – Usluge pozicioniranja (ISO 19116:2019/Amd 1:2021; EN ISO 19116:2019/A1:2021)
Geographic information – Positioning services (ISO 19116:2019/Amd 1:2021; EN ISO 19116:2019/A1:2021)

HRN EN ISO 19126:2021 en pr
Geoinformacije – Rječnici i registri za koncepte objekata (ISO 19126:2021; EN ISO 19126:2021)
Geographic information – Feature concept dictionaries and registers (ISO 19126:2021; EN ISO 19126:2021)

HRN EN ISO 19168-1:2021 en pr
Geographic information – Geospatial API for features – Part 1: Core (ISO 19168-1:2020; EN ISO 19168-1:2021)

HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 17225-1:2021 en pr
Čvrsta biogoriva – Specifikacije goriva i razredi – 1. dio: Opći zahtjevi (ISO 17225-1:2021; EN ISO 17225-1:2021)
Solid biofuels – Fuel specifications and classes – Part 1: General requirements (ISO 17225-1:2021; EN ISO 17225-1:2021)

HZN/TO 502, Plinski uređaji

HRN EN 17476:2021 en pr
Specifikacije za aparate na ukapljeni naftni plin – Aparati na UNP paru pod tlakom koji sadrže vodoravni plinski spremnik u kućištu (EN 17476:2021)
Specifications for dedicated liquefied petroleum gas appliances – LPG vapour pressure appliances incorporating an horizontal cartridge in the chassis (EN 17476:2021)

HZN/TO 503, Metalni materijali

HRN EN 10373:2021 en pr
Određivanje fizikalnih i mehaničkih svojstava čelika pomoću računskih modela (EN 10373:2021)
Determination of the physical and mechanical properties of steels using models (EN 10373:2021)

HZN/TO 505, Prijenos i distribucija plina

HRN EN 1473:2021 en pr
Instalacije i oprema za ukapljeni prirodni plin – Projektiranje kopnenih instalacija (EN 1473:2021)
Installation and equipment for liquefied natural gas – Design of onshore installations (EN 1473:2021)

HRN EN ISO 20257-2:2021 en pr
Instalacije i oprema za ukapljeni prirodni plin (UPP) – Projektiranje plutajućih instalacija za UPP – 2. dio: Posebna pitanja povezana s plutajućim jedinicama za skladištenje i uplinjavanje (FSRU) (ISO 20257-2:2021; EN ISO 20257-2:2021)
Installation and equipment for liquefied natural gas – Design of floating LNG installations – Part 2: Specific FSRU issues (ISO 20257-2:2021; EN ISO 20257-2:2021)

HZN/TO 509, Cestovna oprema

HRN EN 1463-2:2021 en pr
Materijali za oznake na kolniku – Retroreflektirajući markeri – 2. dio: Ispitivanja na kolniku, osnovni zahtjevi (EN 1463-2:2021)
Road marking materials – Retroreflecting road studs – Part 2: Road test performance specifications (EN 1463-2:2021)

HZN/TO 528, Oprema za željeznice

HRN EN 12082:2021 en pr
Željeznički sustav – Kućišta osovinskih ležaja – Ispitivanje radnih značajka (EN 12082:2017+A1:2021)
Railway applications – Axleboxes – Performance testing (EN 12082:2017+A1:2021)

HRN EN 14198:2021 en pr
Željeznički sustav – Kočenje – Zahtjevi za sustave kočenja vlakova vučenih lokomotivama (EN 14198:2016+A2:2021)
Railway applications – Braking – Requirements for the brake system of trains hauled by locomotives (EN 14198:2016+A2:2021)

HZN/TO 529, Granici, dizalice i prenosila neprekidne dobave

HRN EN 13001-3-5:2021 en pr
Granici – Osnove projektiranja – Dio 3-5: Granična stanja i dokaz sigurnosti kovanih kuka (EN 13001-3-5:2016+A1:2021)
Cranes – General design – Part 3-5: Limit states and proof of competence of forged and cast hooks (EN 13001-3-5:2016+A1:2021)

HRN EN 13001-3-6:2021 en pr
Granici – Osnove projektiranja – Dio 3-6: Granična stanja i dokaz sigurnosti za strojeve – Hidraulički cilindri (EN 13001-3-6:2018+A1:2021)
Cranes – General design – Part 3-6: Limit states and proof of competence of machinery – Hydraulic cylinders (EN 13001-3-6:2018+A1:2021)

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

HRN EN 13411-7:2021 en pr
Završetci čeličnih užadi – Sigurnost – 7. dio: Simetrična uška s klinom (EN 13411-7:2021)
Terminations for steel wire ropes – Safety – Part 7: Symmetric wedge socket (EN 13411-7:2021)

HZN/TO 531, Plastika i guma

HRN ISO 132:2021 en pr
Guma i elastoplastomeri – Određivanje savojno nastalih napuklina i njihovog širenja (De Mattia) (ISO 132:2017)
Rubber, vulcanized or thermoplastic – Determination of flex cracking and crack growth (De Mattia) (ISO 132:2017)

HRN ISO 1382:2021 en pr
Guma – Terminološki rječnik (ISO 1382:2020)
Rubber – Vocabulary (ISO 1382:2020)

HRN ISO 1853:2021 en pr
Provodljive i antistatičke gume i elastoplastomeri – Mjerenje električne otpornosti (ISO 1853:2018)
Conducting and dissipative rubbers, vulcanized or thermoplastic – Measurement of resistivity (ISO 1853:2018)

HRN ISO 2781:2021 en pr
Guma i elastoplastomeri – Određivanje gustoće (ISO 2781:2018)
Rubber, vulcanized or thermoplastic – Determination of density (ISO 2781:2018)

HRN ISO 4649:2021 en pr
Guma i elastoplastomeri – Određivanje abrazijske otpornosti uređajem s rotirajućim cilindričnim bubnjem (ISO 4649:2017)
Rubber, vulcanized or thermoplastic – Determination of abrasion resistance using a rotating cylindrical drum device (ISO 4649:2017)

HRN EN ISO 7823-3:2021 en pr
Plastika – Poli(metil-metakrilatne) ploče – Tipovi, dimenzije i svojstva – 3. dio: Kontinuirano lijevano ploče (ISO 7823-3:2021; EN ISO 7823-3:2021)
Plastics – Poly(methyl methacrylate) sheets – Types, dimensions and characteristics – Part 3: Continuous cast sheets (ISO 7823-3:2021; EN ISO 7823-3:2021)

HRN ISO 8332:2021 en pr
Sastojci kaučukovih smjesa – Sumpor – Metode ispitivanja (ISO 8332:2018)
Rubber compounding ingredients – Sulfur – Methods of test (ISO 8332:2018)

HRN EN ISO 11403-1:2021 en pr
Plastika – Prikupljanje i prikaz usporedivih podataka većega broja mjerenja u širem ispitnom području – 1. dio: Mehanička svojstva (ISO 11403-1:2021; EN ISO 11403-1:2021)
Plastics – Acquisition and presentation of comparable multipoint data – Part 1: Mechanical properties (ISO 11403-1:2021; EN ISO 11403-1:2021)

HRN EN ISO 11403-3:2021 en pr
Plastika – Prikupljanje i prikaz usporedivih podataka većega broja mjerenja u širem ispitnom području – 3. dio: Utjecaj okoline na svojstva (ISO 11403-3:2021; EN ISO 11403-3:2021)
Plastics – Acquisition and presentation of comparable multipoint data – Part 3: Environmental influences on properties (ISO 11403-3:2021; EN ISO 11403-3:2021)

HRN EN ISO 13468-2:2021 en pr
Plastika – Određivanje ukupne svjetlosne propustnosti proziranih materijala – 2. dio: Instrument s dva snopa (ISO 13468-2:2021; EN ISO 13468-2:2021)
Plastics – Determination of the total luminous transmittance of transparent materials – Part 2: Double-beam instrument (ISO 13468-2:2021; EN ISO 13468-2:2021)

HRN EN ISO 14631:2021 en pr
Ekstrudirane ploče od modificiranoga žilavog polistirena (PS-I) – Zahtjevi i metode ispitivanja (ISO 14631:2021; EN ISO 14631:2021)
Extruded sheets of impact-modified polystyrene (PS-I) – Requirements and test methods (ISO 14631:2021; EN ISO 14631:2021)

HRN EN ISO 14852:2021 en pr
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u vodenom mediju – Metoda analize nastaloga ugljikovog dioksida (ISO 14852:2021; EN ISO 14852:2021)
Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium – Method by analysis of evolved carbon dioxide (ISO 14852:2021; EN ISO 14852:2021)

HRN ISO 23529:2021 en pr
Guma – Opći postupci pripreme i kondicioniranja ispitnih uzoraka za fizikalne ispitne metode (ISO 23529:2016)
Rubber – General procedures for preparing and conditioning test pieces for physical test methods (ISO 23529:2016)

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

HRN EN ISO 2692:2021 en pr
Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Zahtjev za najviše materijala (MMR), zahtjev za najmanje materijala (LMR) i zahtjev uzajamnosti (RPR) (ISO 2692:2021; EN ISO 2692:2021)
Geometrical product specifications (GPS) – Geometrical tolerancing – Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR) (ISO 2692:2021; EN ISO 2692:2021)

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

HRN EN 1264-1:2021 en pr
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 1. dio: Definicije i simboli (EN 1264-1:2021)
Water based surface embedded heating and cooling systems – Part 1: Definitions and symbols (EN 1264-1:2021)

HRN EN 1264-2:2021 en pr
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 2. dio: Podno grijanje: Metode za određivanje toplinskog učinka proračunom i ispitivanjima (EN 1264-2:2021)
Water based surface embedded heating and cooling systems – Part 2: Floor heating: Methods for the determination of the thermal output using calculations and experimental tests (EN 1264-2:2021)

HRN EN 1264-3:2021 en pr
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 3. dio: Dimenzioniranje (EN 1264-3:2021)
Water based surface embedded heating and cooling systems – Part 3: Dimensioning (EN 1264-3:2021)

HRN EN 1264-4:2021 en pr
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 4. dio: Ugradnja (EN 1264-4:2021)
Water based surface embedded heating and cooling systems – Part 4: Installation (EN 1264-4:2021)

HRN EN 1264-5:2021 en pr
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 5. dio: Određivanje toplinskog učinka za zidno i stropno grijanje te za podno, zidno i stropno hlađenje (EN 1264-5:2021)
Water based surface embedded heating and cooling systems – Part 5: Determination of the thermal output for wall and ceiling heating and for floor, wall and ceiling cooling (EN 1264-5:2021)

HRN EN 16282-3:2021 en pr
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 3. dio: Kuhinjski ventilacijski stropovi, projektiranje i sigurnosni zahtjevi (EN 16282-3:2016+A1:2021)
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 3: Kitchen ventilation ceilings, design and safety requirements (EN 16282-3:2016+A1:2021)

HRN EN 16282-7:2021 en pr
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 7. dio: Instaliranje i uporaba fiksnih sustava za gašenje požara (EN 16282-7:2017+A1:2021)
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 7: Installation and use of fixed fire suppression systems (EN 16282-7:2017+A1:2021)

HZN/TO 544, Strojni elementi

HRN EN ISO 898-3:2018/A1:2021 en pr
Mehanička svojstva spojnih elemenata izrađenih od ugljičnih i legiranih čelika – 3. dio: Ravne podložne pločice sa specficiranim razredima čvrstoće (ISO 898-3:2018/Amd 1:2020; EN ISO 898-3:2018/A1:2021)
Mechanical properties of fasteners made of carbon steel and alloy steel – Part 3: Flat washers with specified property classes (ISO 898-3:2018/Amd 1:2020; EN ISO 898-3:2018/A1:2021)

HRN EN ISO 1891-2:2015/A1:2021 en pr
Spojni elementi – Nazivlje – 2. dio: Terminološki rječnik i definicije za prevlake (ISO 1891-2:2014/Amd 1:2020; EN ISO 1891-2:2014/A1:2021)
Fasteners – Terminology – Part 2: Vocabulary and definitions for coatings (ISO 1891-2:2014/Amd 1:2020; EN ISO 1891-2:2014/A1:2021)

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 15193-1:2021 en pr
Energetska svojstva zgrade – Energetski zahtjevi za rasvjetu – 1. dio: Specifikacije, Modul M9 (EN 15193-1:2017+A1:2021)
Energy performance of buildings – Energy requirements for lighting – Part 1: Specifications, Module M9 (EN 15193-1:2017+A1:2021)

HZN/TO 551, Gradnja

HRN EN 15643:2021 en pr
Održivost građevina – Okvir za ocjenjivanje zgrada i inženjerskih građevina (EN 15643:2021)
Sustainability of construction works – Framework for assessment of buildings and civil engineering works (EN 15643:2021)

HZN/TO 553, Predgotovljeni proizvodi

HRN EN ISO 10545-15:2021 en pr
Keramičke pločice – 15. dio: Određivanje olova i kadmija koje izlučuju pločice (ISO 10545-15:2021; EN ISO 10545-15:2021)
Ceramic tiles – Part 15: Determination of lead and cadmium given off by tiles (ISO 10545-15:2021; EN ISO 10545-15:2021)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 10993-12:2021 en pr
Biološka procjena medicinskih proizvoda – 12. dio: Priprema uzoraka i referentni materijali (ISO 10993-12:2021; EN ISO 10993-12:2021)
Biological evaluation of medical devices – Part 12: Sample preparation and reference materials (ISO 10993-12:2021; EN ISO 10993-12:2021)

HRN EN ISO 11737-1:2018/A1:2021 en pr
Sterilizacija medicinskoga pribora – Mikrobiološke metode – 1. dio: Određivanje vrste i broja mikroorganizama na proizvodima (ISO 11737-1:2018/Amd 1:2021; EN ISO 11737-1:2018/A1:2021)
Sterilization of health care products – Microbiological methods – Part 1: Determination of a population of microorganisms on products (ISO 11737-1:2018/Amd 1:2021; EN ISO 11737-1:2018/A1:2021)

HRN EN ISO 14160:2021 en pr
Sterilizacija proizvoda za zdravstvenu skrb – Tekuća kemijska sredstva za sterilizaciju jednokratnih medicinskih proizvoda u kojima se upotrebljavaju životinjska tkiva i njihovi derivati – Zahtjevi za značajke, razvoj, vrednovanje i rutinsku kontrolu sterilizacijskih postupaka za medicinske proizvode (ISO 14160:2020; EN ISO 14160:2021)
Sterilization of health care products – Liquid chemical sterilizing agents for single-use medical devices utilizing animal tissues and their derivatives – Requirements for characterization, development, validation and routine control of a sterilization process for medical devices (ISO 14160:2020; EN ISO 14160:2021)

HRN EN 80369-5:2016/Ispr.2:2021 en pr
Spojnici malog promjera za tekućine i plinove za primjenu u zdravstvu – 5. dio: Spojnici za primjenu s manšetama na napuhavanje za udove (IEC 80369-5:2016/Corr.2:2021; EN 80369-5:2016/AC:2021)
Small-bore connectors for liquids and gases in healthcare applications – Part 5: Connectors for limb cuff inflation applications (IEC 80369-5:2016/Corr.2:2021; EN 80369-5:2016/AC:2021)

HZN/TO 556, Osobna zaštitna oprema

HRN EN ISO 19818-1:2021 en pr
Zaštita očiju i lica – Zaštita od laserskog zračenja – 1. dio: Zahtjevi i metode ispitivanja (ISO 19818-1:2021; EN ISO 19818-1:2021)
Eye and face protection – Protection against laser radiation – Part 1: Requirements and test methods (ISO 19818-1:2021; EN ISO 19818-1:2021)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 20743:2021 en pr
Tekstil – Određivanje antibakterijske aktivnosti tekstilnih proizvoda (ISO 20743:2021; EN ISO 20743:2021)
Textiles – Determination of antibacterial activity of textile products (ISO 20743:2021; EN ISO 20743:2021)

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

HRN EN ISO 407:2021 en pr
Male plinske boce za uporabu u medicini – Pin-indeksni priključci ventila sa stremenom (ISO 407:2021; EN ISO 407:2021)
Small medical gas cylinders – Pin-index yoke-type valve connections (ISO 407:2021; EN ISO 407:2021)

HRN EN 13445-1:2021 en pr
Neložene posude pod tlakom – 1. dio: Općenito (EN 13445-1:2021, 1. izdanje 2021-05)
Unfired pressure vessels – Part 1: General (EN 13445-1:2021, Issue 1 2021-05)

HRN EN 13445-2:2021 en pr
Neložene posude pod tlakom – 2. dio: Materijali (EN 13445-2:2021, 1. izdanje 2021-05)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2021, Issue 1 2021-05)

HRN EN 13445-3:2021 en pr
Neložene posude pod tlakom – 3. dio: Projektiranje (EN 13445-3:2021, 1. izdanje 2021-05)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2021, Issue 1 2021-05)

HRN EN 13445-4:2021 en pr
Neložene posude pod tlakom – 4. dio: Proizvodnja (EN 13445-4:2021, 1. izdanje 2021-05)
Unfired pressure vessels – Part 4: Fabrication (EN 13445-4:2021, Issue 1 2021-05)

HRN EN 13445-5:2021 en pr
Neložene posude pod tlakom – 5. dio: Pregled i ispitivanje (EN 13445-5:2021, 1. izdanje 2021-05)
Unfired pressure vessels – Part 5: Inspection and testing (EN 13445-5:2021, Issue 1 2021-05)

HRN EN 13445-6:2021 en pr
Neložene posude pod tlakom – 6. dio: Zahtjevi za projektiranje i proizvodnju tlačnih posuda i dijelova posuda izrađenih od nodularnog lijeva (EN 13445-6:2021, 1. izdanje 2021-05)
Unfired pressure vessels – Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron (EN 13445-6:2021, Issue 1 2021-05)

HRN EN 13445-8:2021 en pr
Neložene posude pod tlakom – 8. dio: Dodatni zahtjevi za tlačne posude od aluminija i aluminijevih legura (EN 13445-8:2021, 1. izdanje 2021-05)
Unfired pressure vessels – Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys (EN 13445-8:2021, Issue 1 2021-05)

HRN EN 13445-10:2021 en pr
Neložene posude pod tlakom – 10. dio: Dodatni zahtjevi za tlačne posude od nikla i legura nikla (EN 13445-10:2021, 1. izdanje 2021-05)
Unfired pressure vessels – Part 10: Additional requirements for pressure vessels of nickel and nickel alloys (EN 13445-10:2021, Issue 1 2021-05)

HRN EN ISO 14245:2021 en pr
Plinske boce – Specifikacije i ispitivanje ventila boca za UNP – Automatsko zatvaranje (ISO 14245:2021; EN ISO 14245:2021)
Gas cylinders – Specifications and testing of LPG cylinder valves – Self-closing (ISO 14245:2021; EN ISO 14245:2021)

HRN EN ISO 15245-1:2021 en pr
Plinske boce – Paralelni navoji za spajanje ventila na plinske boce – 1. dio: Specifikacije (ISO 15245-1:2021; EN ISO 15245-1:2021)
Gas cylinders – Parallel threads for connection of valves to gas cylinders – Part 1: Specification (ISO 15245-1:2021; EN ISO 15245-1:2021)

HRN EN ISO 15995:2021 en pr
Plinske boce – Specifikacije i ispitivanje ventila boca za UNP – Ručno pokretani ventili (ISO 15995:2021; EN ISO 15995:2021)
Gas cylinders – Specifications and testing of LPG cylinder valves – Manually operated (ISO 15995:2021; EN ISO 15995:2021)

HZN/TO 563, Sigurnost strojeva

HRN EN 17116-3:2021 en pr
Specifikacije za industrijske perilice rublja – Definicije i ispitivanje kapaciteta i potrošnih značajka – 3. dio: Tunelske perilice rublja (EN 17116-3:2019)
Specifications for industrial laundry machines – Definitions and testing of capacity and consumption characteristics – Part 3: Continuous tunnel washer (EN 17116-3:2019)

HRN EN 17116-4:2021 en pr
Specifikacije za industrijske perilice rublja – Definicije i ispitivanje kapaciteta i potrošnih značajka – 4. dio: Sustavi za izvlačenje (EN 17116-4:2019)
Specifications for industrial laundry machines – Definitions and testing of capacity and consumption characteristics – Part 4: Washer-extractors (EN 17116-4:2019)

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

HRN EN ISO 20957-2:2021 en pr
Nepomična oprema za vježbanje – 2. dio: Sprava za trening snage, dodatni posebni sigurnosni zahtjevi i metode ispitivanja (ISO 20957-2:2020; EN ISO 20957-2:2021)
Stationary training equipment – Part 2: Strength training equipment, additional specific safety requirements and test methods (ISO 20957-2:2020; EN ISO 20957-2:2021)

HRN EN ISO 20957-7:2021 en pr
Nepomična oprema za vježbanje – 7. dio: Veslački ergometar, dodatni posebni sigurnosni zahtjevi i metode ispitivanja (ISO 20957-7:2020; EN ISO 20957-7:2021)
Stationary training equipment – Part 7: Rowing equipment, additional specific safety requirements and test methods (ISO 20957-7:2020; EN ISO 20957-7:2021)

HZN/TO 572, Kruta uporabljena goriva

HRN EN ISO 21654:2021 en pr
Kruta uporabljena goriva – Određivanje ogrjevne vrijednosti (ISO 21654:2021; EN ISO 21654:2021)
Solid recovered fuels – Determination of calorific value (ISO 21654:2021; EN ISO 21654:2021)

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

HRN EN ISO 12404:2021 en pr
Tlo i otpad – Upute za odabir i primjenu metoda provjere (ISO 12404:2021; EN ISO 12404:2021)
Soil and waste – Guidance on the selection and application of screening methods (ISO 12404:2021; EN ISO 12404:2021)

HRN EN ISO 15192:2021 en pr
Tlo i otpad – Određivanje kroma(VI) u čvrstim materijalima lužnatom digestijom i ionskom kromatografijom sa spektrometrijskim određivanjem (ISO 15192:2021; EN ISO 15192:2021)
Soil and waste – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection (ISO 15192:2021; EN ISO 15192:2021)

HZN/TO E23, Električni instalacijski pribor

HRN EN 61534-1:2012/A11:2021 en pr
Energetski tračnički sustavi – 1. dio: Opći zahtjevi (EN 61534-1:2011/A11:2021)
Powertrack systems – Part 1: General requirements (EN 61534-1:2011/A11:2021)

HRN EN 61534-1:2012/A2:2021 en pr
Energetski tračnički sustavi – 1. dio: Opći zahtjevi (IEC 61534-1:2011/am2:2020; EN 61534-1:2011/A2:2021)
Powertrack systems – Part 1: General requirements (IEC 61534-1:2011/am2:2020; EN 61534-1:2011/A2:2021)

HRN EN 61995-1:2010/A11:2021 en pr
Naprave za priključak svjetiljki za kućanstvo i slične svrhe – 1. dio: Opći zahtjevi (EN 61995-1:2008/A11:2021)
Devices for the connection of luminaires for household and similar purposes – Part 1: General requirements (EN 61995-1:2008/A11:2021)

HRN HD 62640:2015/A12:2021 en pr
Strujne zaštitne sklopke sa ili bez nadstrujne zaštite za utičnice za kućanstvo i slične primjene (HD 62640:2015/A12:2021)
Residual current devices with or without overcurrent protection for socket-outlets for household and similar uses (HD 62640:2015/A12:2021)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN IEC 61968-3:2021 en pr
Integracija aplikacija u elektroprivredi – Sučelja za sustave upravljanja u distribuciji – 3. dio: Sučelje za upravljanje distribucijskom mrežom (IEC 61968-3:2021; EN IEC 61968-3:2021)
Application integration at electric utilities – System interfaces for distribution management – Part 3: Interface for network operations (IEC 61968-3:2021; EN IEC 61968-3:2021)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-1:2012/A15:2021 en pr
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi (EN 60335-1:2012/A15:2021)
Household and similar electrical appliances – Safety – Part 1: General requirements (EN 60335-1:2012/A15:2021)

HRN EN 60335-2-17:2013/A2:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-17: Posebni zahtjevi za grijače pokrivače, jastuke i slične savitljive grijače aparate (IEC 60335-2-17:2012/am2:2019, MOD; EN 60335-2-17:2013/A2:2021)
Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances (IEC 60335-2-17:2012/am2:2019, MOD; EN 60335-2-17:2013/A2:2021)

HRN EN 60335-2-21:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-21: Posebni zahtjevi za akumulacijske grijalice vode (IEC 60335-2-21:2012, MOD+Corr.1:2013; EN 60335-2-21:2021)
Household and similar electrical appliances – Safety – Part 2-21: Particular requirements for storage water heaters (IEC 60335-2-21:2012, MOD+Corr.1:2013; EN 60335-2-21:2021)

HRN EN IEC 60335-2-32:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-32: Posebni zahtjevi za masažne aparate (IEC 60335-2-32:2019; EN IEC 60335-2-32:2021)
Household and similar electrical appliances – Safety – Part 2-32: Particular requirements for massage appliances (IEC 60335-2-32:2019; EN IEC 60335-2-32:2021)

HRN EN 60335-2-73:2003/A11:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-73: Posebni zahtjevi za učvršćena uronjena grijala (EN 60335-2-73:2003/A11:2021)
Household and similar electrical appliances – Safety – Part 2-73: Particular requirements for fixed immersion heaters (EN 60335-2-73:2003/A11:2021)

HRN EN IEC 63327:2021 en pr
Automatski strojevi za obradu poda za komercijalnu upotrebu – Posebni zahtjevi (IEC 63327:2021; EN IEC 63327:2021)
Automatic floor treatment machines for commercial use – Particular requirements (IEC 63327:2021; EN IEC 63327:2021)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60601-2-63:2015/A2:2021 en pr
Medicinska električna oprema – Dio 2-63: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke stomatološke ekstraoralne rendgenske opreme (IEC 60601-2-63:2012/am2:2021; EN 60601-2-63:2015/A2:2021)
Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment (IEC 60601-2-63:2012/am2:2021; EN 60601-2-63:2015/A2:2021)

HRN EN 60601-2-65:2013/A2:2021 en pr
Medicinska električna oprema – Dio 2-65: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke stomatološke intraoralne rendgenske opreme (IEC 60601-2-65:2012/am2:2021; EN 60601-2-65:2013/A2:2021)
Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment (IEC 60601-2-65:2012/am2:2021; EN 60601-2-65:2013/A2:2021)

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

HRN EN IEC 61784-3-13:2021 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-13: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 13 (IEC 61784-3-13:2021; EN IEC 61784-3-13:2021)
Industrial communication networks – Profiles – Part 3-13: Functional safety fieldbuses – Additional specifications for CPF 13 (IEC 61784-3-13:2021; EN IEC 61784-3-13:2021)

HRN EN 61784-3-18:2012/A2:2021 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-18: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 18 (IEC 61784-3-18:2011/am2:2021; EN 61784-3-18:2011/A2:2021)
Industrial communication networks – Profiles – Part 3-18: Functional safety fieldbuses – Additional specifications for CPF 18 (IEC 61784-3-18:2011/am2:2021; EN 61784-3-18:2011/A2:2021)

HRN EN IEC 61784-3-2:2021 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-2: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 2 (IEC 61784-3-2:2021; EN IEC 61784-3-2:2021)
Industrial communication networks – Profiles – Part 3-2: Functional safety fieldbuses – Additional specifications for CPF 2 (IEC 61784-3-2:2021; EN IEC 61784-3-2:2021)

HRN EN IEC 61784-3-3:2021 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-3: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 3 (IEC 61784-3-3:2021; EN IEC 61784-3-3:2021)
Industrial communication networks – Profiles – Part 3-3: Functional safety fieldbuses – Additional specifications for CPF 3 (IEC 61784-3-3:2021; EN IEC 61784-3-3:2021)

HRN EN IEC 61784-3-8:2021 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-8: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 8 (IEC 61784-3-8:2021; EN IEC 61784-3-8:2021)
Industrial communication networks – Profiles – Part 3-8: Functional safety fieldbuses – Additional specifications for CPF8 (IEC 61784-3-8:2021; EN IEC 61784-3-8:2021)

HZN/TO E79, Alarmni sustavi

HRN EN 50131-6:2017/A1:2021 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 6. dio: Izvori napajanja (EN 50131-6:2017/A1:2021)
Alarm systems – Intrusion and hold-up systems – Part 6: Power supplies (EN 50131-6:2017/A1:2021)

HRN EN 50134-5:2021 en pr
Alarmni sustavi – Socijalni alarmni sustavi – 5. dio: Međupovezivanja i komunikacije (EN 50134-5:2021)
Alarm systems – Social alarm systems – Part 5: Interconnections and communications (EN 50134-5:2021)

HZN/TO E88, Vjetroagregati

HRN EN 61400-12-1:2017/Ispr.3:2021 en pr
Sustavi za proizvodnju energije iz vjetra – Dio 12-1: Mjerenje značajka snage vjetroagregata koji proizvode električnu energiju (IEC 61400-12-1:2017/Corr.3:2021; EN 61400-12-1:2017/AC:2021)
Wind energy generation systems – Part 12-1: Power performance measurement of electricity producing wind turbines (IEC 61400-12-1:2017/Corr.3:2021; EN 61400-12-1:2017/AC:2021)

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

HRS IEC/TS 61244-1:2021 en pr
Određivanje dugotrajnog starenja polimera radijacijom – 1. dio: Postupci praćenja oksidacije kod ograničene difuzije kisika (IEC/TS 61244-1:2014)
Determination of long-term radiation ageing in polymers – Part 1: Techniques for monitoring diffusion-limited oxidation (IEC/TS 61244-1:2014)

HRS IEC/TS 61244-2:2021 en pr
Određivanje dugotrajnog starenja polimera radijacijom – 2. dio: Postupci predviđanja starenja pri niskim dozama radijacije (IEC/TS 61244-2:2014)
Determination of long-term radiation ageing in polymers – Part 2: Procedures for predicting ageing at low dose rates (IEC/TS 61244-2:2014)

HZN/TO T4, Normizacija u telekomunikacijama

- HRN EN 300 132-3 V2.2.1:2021 en pr
Upravljanje okolišem (EE) – Sučelje izvora napajanja na ulazu opreme za informacijsku i komunikacijsku tehnologiju (ICT) – 3. dio: Do 400 V istosmjerna struja (DC) (EN 300 132-3 V2.2.1:2021)
Environmental Engineering (EE) – Power supply interface at the input of Information and Communication Technology (ICT) equipment – Part 3: Up to 400 V Direct Current (DC) (EN 300 132-3 V2.2.1:2021)
- HRN EN 300 718-1 V2.2.1:2021 en pr
Lavinski radijski farovi koji rade na 457 kHz – Sustavi odašiljač-prijamnik – 1. dio: Harmonizirana norma za pristup radijskom spektru (EN 300 718-1 V2.2.1:2021)
Avalanche Beacons operating at 457 kHz – Transmitter-receiver systems – Part 1: Harmonised Standard for access to radio spectrum (EN 300 718-1 V2.2.1:2021)
- HRN EN 301 549 V3.2.1:2021 en pr
Zahtjevi s obzirom na dostupnost ICT proizvoda i usluga (EN 301 549 V3.2.1:2021)
Accessibility requirements for ICT products and services (EN 301 549 V3.2.1:2021)
- HRN EN 302 296 V2.2.1:2021 en pr
Digitalni terestrijalni TV odašiljači – Harmonizirana norma za pristup radijskom spektru (EN 302 296 V2.2.1:2021)
Digital Terrestrial TV Transmitters – Harmonised Standard for access to radio spectrum (EN 302 296 V2.2.1:2021)
- HRN EN 302 567 V2.2.1:2021 en pr
Radijska oprema za brzine od više Gigabit/s koja radi u frekvencijskom pojasu od 60 GHz – Harmonizirana norma za pristup radijskom spektru (EN 302 567 V2.2.1:2021)
Multiple-Gigabit/s radio equipment operating in the 60 GHz band – Harmonised Standard for access to radio spectrum (EN 302 567 V2.2.1:2021)
- HRN EN 303 345-3 V1.1.1:2021 en pr
Radiodifuzni audio prijamnici – 3. dio: FM radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru (EN 303 345-3 V1.1.1:2021)
Broadcast Sound Receivers – Part 3: FM broadcast sound service – Harmonised Standard for access to radio spectrum (EN 303 345-3 V1.1.1:2021)
- HRN EN 303 345-4 V1.1.1:2021 en pr
Radiodifuzni audio prijamnici – 4. dio: DAB radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru (EN 303 345-4 V1.1.1:2021)
Broadcast Sound Receivers – Part 4: DAB broadcast sound service – Harmonised Standard for access to radio spectrum (EN 303 345-4 V1.1.1:2021)
- HRN EN 303 347-1 V2.1.1:2021 en pr
Meteorološki radari – Harmonizirana norma za pristup radijskom spektru – 1. dio: Senzor meteorološkog radara koji radi u S frekvencijskom pojasu od 2 700 MHz do 2 900 MHz (EN 303 347-1 V2.1.1:2021)
Meteorological Radars – Harmonised Standard for access to radio spectrum – Part 1: Meteorological Radar Sensor operating in the frequency band 2 700 MHz to 2 900 MHz (S band) (EN 303 347-1 V2.1.1:2021)
- HRN EN 303 347-2 V2.1.1:2021 en pr
Meteorološki radari – Harmonizirana norma za pristup radijskom spektru – 2. dio: Senzor meteorološkog radara koji radi u C frekvencijskom pojasu od 5 250 MHz do 5 850 MHz (EN 303 347-2 V2.1.1:2021)
Meteorological Radars – Harmonised Standard for access to radio spectrum – Part 2: Meteorological Radar Sensor operating in the frequency band 5 250 MHz to 5 850 MHz (C band) (EN 303 347-2 V2.1.1:2021)
- HRN EN 303 347-3 V2.1.1:2021 en pr
Meteorološki radari – Harmonizirana norma za pristup radijskom spektru – 3. dio: Senzor meteorološkog radara koji radi u X frekvencijskom pojasu od 9 300 MHz do 9 500 MHz (EN 303 347-3 V2.1.1:2021)
Meteorological Radars – Harmonised Standard for access to radio spectrum – Part 3: Meteorological Radar Sensor operating in the frequency band 9 300 MHz to 9 500 MHz (X band) (EN 303 347-3 V2.1.1:2021)

- HRN EN 303 348 V1.2.1:2021 en pr
Pobuđivači audio frekvencijske indukcijske petlje do 45 A u frekvencijskom području od 10 Hz do 9 kHz – Harmonizirana norma za pristup radijskom spektru (EN 303 348 V1.2.1:2021)
Audio frequency induction loop drivers up to 45 A in the frequency range 10 Hz to 9 kHz – Harmonised Standard for access to radio spectrum (EN 303 348 V1.2.1:2021)
- HRN EN 303 372-1 V1.2.1:2021 en pr
Satelitske zemaljske postaje i sustavi (SES) – Oprema za prijam satelitske radiodifuzije – 1. dio: Vanjska jedinica za prijam u frekvencijskom području od 10,7 GHz do 12,75 GHz – Harmonizirana norma za pristup radijskom spektru (EN 303 372-1 V1.2.1:2021)
Satellite Earth Stations and Systems (SES) – Satellite broadcast reception equipment – Part 1: Outdoor unit receiving in the 10,7 GHz to 12,75 GHz frequency band – Harmonised Standard for access to radio spectrum (EN 303 372-1 V1.2.1:2021)
- HRN EN 303 372-2 V1.2.1:2021 en pr
Satelitske zemaljske postaje i sustavi (SES) – Oprema za prijam satelitske radiodifuzije – 2. dio: Unutarnja jedinica – Harmonizirana norma za pristup radijskom spektru (EN 303 372-2 V1.2.1:2021)
Satellite Earth Stations and Systems (SES) – Satellite broadcast reception equipment – Part 2: Indoor unit – Harmonised Standard for access to radio spectrum (EN 303 372-2 V1.2.1:2021)
- HRN EN 303 423 V1.3.1:2021 en pr
Upravljanje okolišem (EE) – Električna i elektronička kućanska i uredska oprema – Mjerenje mrežne potrošnje snage praznoga hoda povezujuće opreme (EN 303 423 V1.3.1:2021)
Environmental Engineering (EE) – Electrical and electronic household and office equipment – Measurement of networked standby power consumption of Interconnecting equipment (EN 303 423 V1.3.1:2021)
- HRN EN 303 676 V1.1.1:2021 en pr
Navigacijski radar koji se upotrebljava na kopnenim vodenim putevima – Operativni, funkcionalni i tehnički zahtjevi (EN 303 676 V1.1.1:2021)
Navigation radar used on inland waterways – Operational, functional and technical requirements (EN 303 676 V1.1.1:2021)
- HRN EN 303 758 V1.1.1:2021 en pr
TETRA radijska oprema koja primjenjuje promjenjivu modulaciju ovojnice u pojasnoj širini kanala od 25 kHz, 50 kHz, 100 kHz ili 150 kHz – Harmonizirana norma za pristup radijskom spektru (EN 303 758 V1.1.1:2021)
TETRA radio equipment using non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz – Harmonised Standard for access to radio spectrum (EN 303 758 V1.1.1:2021)

HZN/TO Z1, Informacijska tehnologija

- HRN ISO/IEC 2382-36:2021 en pr
Informacijska tehnologija – Rječnik – 36. dio: Učenje, obrazovanje i osposobljavanje (ISO/IEC 2382-36:2019)
Information technology – Vocabulary – Part 36: Learning, education and training (ISO/IEC 2382-36:2019)
- HRN ISO/IEC 9594-8:2021 en pr
Informacijska tehnologija – Međusobno povezivanje otvorenih sustava – 8. dio: Imenik: Okviri certifikata javnog ključa i atributnog certifikata (ISO/IEC 9594-8:2020)
Information technology – Open systems interconnection – Part 8: The Directory: Public-key and attribute certificate frameworks (ISO/IEC 9594-8:2020)
- HRN ISO/IEC 11770-5:2021 en pr
Informacijska sigurnost – Upravljanje ključem – 5. dio: Skupno upravljanje ključem (ISO/IEC 11770-5:2020)
Information security – Key management – Part 5: Group key management (ISO/IEC 11770-5:2020)
- HRN ISO/IEC 18032:2021 en pr
Informacijska sigurnost – Stvaranje prostoga broja (ISO/IEC 18032:2020)
Information security – Prime number generation (ISO/IEC 18032:2020)
- HRN ISO/IEC 24760-1:2021 en pr
Sigurnost IT-a i privatnost – Okvir za upravljanje identitetom – 1. dio: Terminologija i koncepcija (ISO/IEC 24760-1:2019)
IT Security and Privacy – A framework for identity management – Part 1: Terminology and concepts (ISO/IEC 24760-1:2019)

HRN ISO/IEC 27003:2021 en pr
Informacijska tehnologija – Sigurnosne tehnike – Sustavi upravljanja informacijskom sigurnošću – Smjernice (ISO/IEC 27003:2017)
Information technology – Security techniques – Information security management systems – Guidance (ISO/IEC 27003:2017)

HRN ISO/IEC 27007:2021 en pr
Informacijska sigurnost, kibernetička sigurnost i zaštita privatnosti – Smjernice za audit sustava upravljanja informacijskom sigurnošću (ISO/IEC 27007:2020)
Information security, cybersecurity and privacy protection – Guidelines for information security management systems auditing (ISO/IEC 27007:2020)

HRN ISO/IEC 27009:2021 en pr
Informacijska sigurnost, kibernetička sigurnost i zaštita privatnosti – Sektorska primjena ISO/IEC 27001 – Zahtjevi (ISO/IEC 27009:2020)
Information security, cybersecurity and privacy protection – Sector-specific application of ISO/IEC 27001 – Requirements (ISO/IEC 27009:2020)

HRN ISO/IEC 29192-2:2021 en pr
Informacijska sigurnost – Laka kriptografija – 2. dio: Enkripcija bloka podataka (ISO/IEC 29192-2:2019)
Information security – Lightweight cryptography – Part 2: Block ciphers (ISO/IEC 29192-2:2019)

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

HRU ISO/IEC Guide 14:2021 en pr
Proizvodi i povezane usluge – Obavijesti za potrošače (ISO/IEC Guide 14:2018)
Products and related services – Information for consumers (ISO/IEC Guide 14:2018)

HRU ISO/IEC Guide 41:2021 en pr
Ambalaža – Preporuke za ispunjavanje potreba potrošača (ISO/IEC Guide 41:2018)
Packaging – Recommendations for addressing consumer needs (ISO/IEC Guide 41:2018)

HRU ISO/IEC Guide 50:2021 en pr
Sigurnosni aspekti – Smjernice za sigurnost djece u normama i drugim specifikacijama (ISO/IEC Guide 50:2014)
Safety aspects – Guidelines for child safety in standards and other specifications (ISO/IEC Guide 50:2014)

HRU ISO/IEC Guide 51:2021 en pr
Sigurnosni aspekti – Smjernice za njihovo uključivanje u norme (ISO/IEC Guide 51:2014)
Safety aspects – Guidelines for their inclusion in standards (ISO/IEC Guide 51:2014)

HRN EN 16094:2021 en pr
Laminatne podne obloge – Ispitna metoda za određivanje otpornosti na grebanje (EN 16094:2021)
Laminate floor coverings – Test method for the determination of micro-scratch resistance (EN 16094:2021)

HZN/TU B1, *Graditeljstvo 1*

HRI CEN/TR 17621:2021 en pr
Pristupačnost i upotrebljivost izgrađenog okoliša – Tehnički kriteriji i zahtjevi za izvedbu (CEN/TR 17621:2021)
Accessibility and usability of the built environment – Technical performance criteria and specifications (CEN/TR 17621:2021)

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

HRN EN ISO 6321:2021 en pr
Životinjske i biljne masti i ulja – Određivanje točke topljenja u otvorenim kapilarama – Točka klizanja (ISO 6321:2021; EN ISO 6321:2021)
Animal and vegetable fats and oils – Determination of melting point in open capillary tubes – Slip point (ISO 6321:2021; EN ISO 6321:2021)

HRN EN ISO 18314-4:2021 en pr
Analitička kolorimetrija – 4. dio: Indeks metamerizma za parove uzoraka uz promjenu izvora svjetlosti (ISO 18314-4:2020; EN ISO 18314-4:2021)
Analytical colorimetry – Part 4: Metamerism index for pairs of samples for change of illuminant (ISO 18314-4:2020; EN ISO 18314-4:2021)

HRN EN ISO 28199-2:2021 en pr
Boje i lakovi – Procjena svojstava prekrivnih sustava s obzirom na postupak nanošenja – 2. dio: Postojanost boje, pokrivna moć procesa, ponovno otapanje, apsorpcija viška prskane boje, kvašenje, površinska tekstura i prošaranost (ISO 28199-2:2021; EN ISO 28199-2:2021)
Paints and varnishes – Evaluation of properties of coating systems related to the spray application process – Part 2: Colour stability, process hiding power, re-dissolving, overspray absorption, wetting, surface texture and mottling (ISO 28199-2:2021; EN ISO 28199-2:2021)

HRN EN ISO 28199-3:2021 en pr
Boje i lakovi – Procjena svojstava prekrivnih sustava s obzirom na postupak nanošenja – 3. dio: Ocjenjivanje sposobnosti nastajanja curaka, mjehurića, rupičastih oštećenja i pokrivne moći (ISO 28199-3:2021; EN ISO 28199-3:2021)
Paints and varnishes – Evaluation of properties of coating systems related to the spray application process – Part 3: Assessment of sagging, formation of bubbles, pinholing and hiding power (ISO 28199-3:2021; EN ISO 28199-3:2021)

HZN/TU I2, *Strojarstvo 2*

HRN EN 17088:2021 en pr
Sustavi ventilacije bočnim zavjesama – Sigurnost (EN 17088:2021)
Side curtains ventilation systems – Safety (EN 17088:2021)

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

HRN EN ISO 3630-3:2021 en pr
Stomatologija – Endodontski instrumenti – 3. dio: Kompaktori (ISO 3630-3:2021; EN ISO 3630-3:2021)
Dentistry – Endodontic instruments – Part 3: Compactors (ISO 3630-3:2021; EN ISO 3630-3:2021)

HRN EN ISO 11199-1:2021 en pr
Dvoručna pomagala za hodanje – Zahtjevi i metode ispitivanja – 1. dio: Hodalice (ISO 11199-1:2021; EN ISO 11199-1:2021)
Assistive products for walking manipulated by both arms – Requirements and test methods – Part 1: Walking frames (ISO 11199-1:2021; EN ISO 11199-1:2021)

HRN EN ISO 22413:2021 en pr
Pribor za prijenos farmaceutskih pripravaka – Zahtjevi i metode ispitivanja (ISO 22413:2021; EN ISO 22413:2021)
Transfer sets for pharmaceutical preparations – Requirements and test methods (ISO 22413:2021; EN ISO 22413:2021)

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

HRN EN 2854-003:2021 en pr
Zrakoplovstvo – Kabeli, električni za opću uporabu – Radna temperatura između -55 °C i 260 °C – Dio 003: Norma za proizvod (EN 2854-003:2021)
Aerospace series – Cables, electrical for general purpose – Operating temperatures between -55 °C and 260 °C – Part 003: Product standard (EN 2854-003:2021)

HRN EN 4700-002:2021 en pr
Zrakoplovstvo – Čelik i legure otporne na toplinu – Gnječeni proizvodi – Tehnička specifikacija – Dio 002: Šipke i profili (EN 4700-002:2021)
Aerospace series – Steel and heat resisting alloys – Wrought products – Technical specification – Part 002: Bars and sections (EN 4700-002:2021)

HRN EN 4866:2021 en pr
Zrakoplovstvo – Definicije nepravilnosti i grešaka u kompozitnim materijalima s organskom matricom (EN 4866:2021)
Aerospace series – Definitions of imperfections and defects in organic matrix composite materials (EN 4866:2021)

HZN/TU U1, *Opća elektrotehnika 1*

HRN EN IEC 61788-17:2021 en pr
Supravodljivost – 17. dio: Mjerenja elektroničkih karakteristika – Lokalna gustoća kritične struje i njezina raspodjela u supravodljivim slojevima velike površine (IEC 61788-17:2021; EN IEC 61788-17:2021)
Superconductivity – Part 17: Electronic characteristic measurements – Local critical current density and its distribution in large-area superconducting films (IEC 61788-17:2021; EN IEC 61788-17:2021)

HZNTU V1, Elektronika 1

- HRN EN IEC 61010-2-091:2021/A11:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-091: Posebni zahtjevi za rendgenske sustave u kućištu (EN IEC 61010-2-091:2021/A11:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-091: Particular requirements for cabinet X-ray systems (EN IEC 61010-2-091:2021/A11:2021)
- HRN EN IEC 61215-1:2021/Ispr.1:2021 en pr
Zemaljski fotonaponski (PV) moduli – Sposobnost projektiranja i odobrenje tipa – 1. dio: Zahtjevi za ispitivanje (IEC 61215-1:2021/Corr.1:2021; EN IEC 61215-1:2021/AC:2021)
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements (IEC 61215-1:2021/Corr.1:2021; EN IEC 61215-1:2021/AC:2021)
- HRN EN 62044-2:2008/Ispr.1:2021 en pr
Jezgre izrađene od mekih magnetskih materijala – Metode mjerenja – 2. dio: Magnetska svojstva pri niskoj razini pobude (IEC 62044-2:2005/Corr.1:2021; EN 62044-2:2005/AC:2021)
Cores made of soft magnetic materials – Measuring methods – Part 2: Magnetic properties at low excitation level (IEC 62044-2:2005/Corr.1:2021; EN 62044-2:2005/AC:2021)
- HRN EN 63044-1:2017/A1:2021 en pr
Elektronički sustavi u stanovima i zgradama (HBES) i sustavi automatizacije i nadzora u zgradama (BACS) – 1. dio: Opći zahtjevi (IEC 63044-1:2017/am1:2021; EN 63044-1:2017/A1:2021)
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 1: General requirements (IEC 63044-1:2017/am1:2021; EN 63044-1:2017/A1:2021)
- HRN EN IEC 63203-204-1:2021 en pr
Nosivi elektronički uređaji i tehnologije – Dio 204-1: Elektronički tekstil – Metode ispitivanja za procjenu trajnosti pranja e-tekstilnih sustava odjeće za slobodno vrijeme i sport (IEC 63203-204-1:2021; EN IEC 63203-204-1:2021)
Wearable electronic devices and technologies – Part 204-1: Electronic textile – Test method for assessing washing durability of leisurewear and sportswear e-textile systems (IEC 63203-204-1:2021; EN IEC 63203-204-1:2021)

HZNTU W1, Energetska elektrotehnika 1

- HRN EN IEC 60086-1:2021 en pr
Primarne baterije – 1. dio: Općenito (IEC 60086-1:2021; EN IEC 60086-1:2021)
Primary batteries – Part 1: General (IEC 60086-1:2021; EN IEC 60086-1:2021)
- HRN EN IEC 60086-2:2021 en pr
Primarne baterije – 2. dio: Fizikalne i električne specifikacije (IEC 60086-2:2021; EN IEC 60086-2:2021)
Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:2021; EN IEC 60086-2:2021)
- HRN EN IEC 60086-3:2021 en pr
Primarne baterije – 3. dio: Baterije za satove (IEC 60086-3:2021; EN IEC 60086-3:2021)
Primary batteries – Part 3: Watch batteries (IEC 60086-3:2021; EN IEC 60086-3:2021)
- HRN EN 60350-1:2016/A1:2021 en pr
Kućanski električni aparati za kuhanje – 1. dio: Štednjaci, pećnice, pećnice na paru i roštilji – Metode za mjerenje radnih značajka (IEC 60350-1:2016/am1:2021; EN 60350-1:2016/A1:2021)
Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance (IEC 60350-1:2016/am1:2021; EN 60350-1:2016/A1:2021)
- HRN EN 60350-2:2018/A1:2021 en pr
Kućanski električni aparati za kuhanje – 2. dio: Električna ugradbena ploča – Metode ispitivanja za mjerenje radnih značajka (IEC 60350-2:2017/am1:2021; EN 60350-2:2018/A1:2021)
Household electric cooking appliances – Part 2: Hobs – Methods for measuring performance (IEC 60350-2:2017/am1:2021; EN 60350-2:2018/A1:2021)
- HRN EN IEC 60974-11:2021 en pr
Oprema za elektrolučno zavarivanje – 11. dio: Držači elektroda (IEC 60974-11:2021; EN IEC 60974-11:2021)
Arc welding equipment – Part 11: Electrode holders (IEC 60974-11:2021; EN IEC 60974-11:2021)

- HRN EN IEC 60974-13:2021 en pr
Oprema za elektrolučno zavarivanje – 13. dio: Stezaljka za povratnu struju zavarivanja (IEC 60974-13:2021; EN IEC 60974-13:2021)
Arc welding equipment – Part 13: Welding current return clamp (IEC 60974-13:2021; EN IEC 60974-13:2021)
- HRN EN 62841-3-1:2015/A1:2021 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-1: Posebni zahtjevi za prijenosne stolne pile (IEC 62841-3-1:2014/am1:2021; EN 62841-3-1:2014/A1:2021)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1:2014/am1:2021; EN 62841-3-1:2014/A1:2021)
- HRN EN 62841-3-1:2015/A12:2021 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-1: Posebni zahtjevi za prijenosne stolne pile (IEC 62841-3-1:2014/A12:2021)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws (EN 62841-3-1:2014/A12:2021)
- HRN EN IEC 63056:2020/Ispr.1:2021 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sigurnosni zahtjevi za sekundarne litijeve članke i baterije za uporabu u sustavima za pohranu električne energije (IEC 63056:2020/Corr.1:2021; EN IEC 63056:2020/AC:2021)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems (IEC 63056:2020/Corr.1:2021; EN IEC 63056:2020/AC:2021)

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 44, Zavarivanje i srodni postupci

- prEN ISO 18496 en
Brazing – Fluxes for brazing – Classification and technical delivery conditions (ISO 18496:2020)
Tvrdno lemljenje – Talila za lemljenje – Razredba i tehnički uvjeti isporuke (ISO 18496:2020)

HZN/TO 54, Eterična ulja

- ISO 3044:2020 en
Essential oil of *Corymbia citriodora* (Hook.) K.D. Hill and L.A.S. Johnson (syn. *Eucalyptus citriodora* Hook.)
Eterično ulje limunskog eukaliptusa *Corymbia citriodora* (Hook.) K.D. Hill and L.A.S. Johnson (syn. *Eucalyptus citriodora* Hook.)
- ISO 3140:2019 en
Essential oil of sweet orange expressed [Citrus sinensis (L.)]
Eterično ulje slatke naranče, tiješteno [Citrus sinensis (L.)]
- ISO 3475:2020 en
Essential oil of aniseed (*Pimpinella anisum* L.)
Eterično ulje ploda anisa (*Pimpinella anisum* L.)
- ISO 4720:2018 en
Essential oils – Nomenclature
Eterična ulja – Nomenklatura

ISO 4727:2021 en
Essential oil of palmarosa [Cymbopogon martini (Roxb.) W. Watson var. motia]
Eterično ulje palmaroze [Cymbopogon martinii (Roxburgh) W. Watson var. motia]

ISO 7358:2021 en
Essential oils of bergamot, lemon, bitter orange and lime, fully or partially reduced in bergapten – Determination of bergapten content by high-performance liquid chromatography (HPLC)
Eterična ulja bergamota; limuna; gorke naranče i limete s potpuno ili djelomično odstranjenim bergaptenom – Određivanje količine bergaptena metodom tekućinske kromatografije visokog učinka (HPLC)

ISO 19332:2020 en
Essential oil of matricaria [Matricaria chamomilla L. syn. Chamomilla recutita (L.) Rauschert]
Eterično ulje njemačke kamilice [Matricaria chamomilla L. syn. Chamomilla recutita (L.) Rauschert]

ISO 19817:2017 en
Essential oil of thyme [Thymus vulgaris L. and Thymus zygis L.], thymol type
Eterično ulje timijana [Thymus vulgaris L. i Thymus zygis L.], timol tip

HZN/TO 71, Beton

prEN 17678-1 en
Installation of post-tensioned kits for prestressing of structures – Part 1: Competence of personnel
Ugradnja sklopova za naknadno napinjanje za prednapinjanje konstrukcija – 1. dio: Osposobljenost osoblja

HZN/TO 92, Zaštita od požara

prEN 17020-5 en
Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows – Part 5: Durability of self-closing of hinged and pivoted timber doorsets
Proširena primjena rezultata ispitivanja trajnosti samozatvaranja za vrata i prozore koji se mogu otvoriti otpornih na požar i/ili s kontrolom propusnosti dima – 5. dio: Trajnost samozatvaranja zaokretnih i okretnih drvenih vrata

HZN/TO 120, Koža i obuća

FprCEN ISO/TR 16178 en
Footwear – Critical substances potentially present in footwear and footwear components – Lists of critical chemical substances (ISO/DTR 16178:2021)
Obuća – Štetne tvari potencijalno prisutne u obući i dijelovima obuće – Popis štetnih kemijskih tvari (ISO/DTR 16178:2021)

prEN ISO 20537 en
Footwear – Vocabulary for identification of defects during visual inspection (ISO/DIS 20537:2021)

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

prEN ISO 2505 en
Thermoplastics pipes – Longitudinal reversion – Test method and parameters (ISO/DIS 2505:2021)
Plastomerne cijevi – Uzdužni povrat – Ispitne metode i parametri (ISO/DIS 2505:2021)

EN ISO 15493:2003/prA11 en
Plastics piping systems for industrial applications – Acrylonitrile-butadiene-styrene (ABS), unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C) – Specifications for components and the system – Metric series
Plastični cijevni sustavi za industrijske primjene – Akrlonitril-butadien-stiren (ABS) neomekšani poli(vinil-klorid) (PVC-U) i klorirani pol(vinil-klorid) (PVC-C) – Specifikacije za sastavnice i sustav – Metrički nizovi

EN ISO 15874-1:2013/prA1 en
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 1: General – Amendment 1: Impact test (ISO 15874-1:2013/DAmD 1:2021)

EN ISO 15874-2:2013/prA2 en
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes – Amendment 2: Impact test (ISO 15874-2:2013/DAmD 2:2021)

HZN/TO 146, Kvaliteta zraka

prEN ISO 13137 en
Workplace atmospheres – Pumps for personal sampling of chemical and biological agents – Requirements and test methods (ISO/DIS 13137:2021)
Atmosfera radnih prostora – Pumpe za osobno uzorkovanje kemijskih i bioloških agensa – Zahtjevi i metode ispitivanja (ISO/DIS 13137:2021)

prEN 14884 en
Stationary source emissions – Determination of total mercury – Automated measuring systems
Emisije iz nepokretnih izvora – Određivanje ukupne žive – Automatski mjerni sustavi

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

EN 81-70:2021/prA1 en
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lift – Part 70: Accessibility to lifts for persons including persons with disability
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 70. dio: Pristupačnost dizalima za osobe s posebnim potrebama

HZN/TO 181, Sigurnost igračaka i proizvodi za djecu

prEN 12586 en
Child care articles – Soother holder – Safety requirements and test methods
Proizvod za dojenčad i malu djecu – Držač za dudu varalicu – Sigurnosni zahtjevi i metode ispitivanja

HZN/TO 182, Geotehničke konstrukcije

prEN 17685-1 en
Earthworks – Chemical tests – Part 1: Determination of organic matter content by loss on ignition
Zemljani radovi – Kemijska ispitivanja – 1. dio: Određivanje sadržaja organske tvari žarenjem

prEN ISO 22476-1 en
Geotechnical investigation and testing – Field testing – Part 1: Electrical cone and piezocone penetration test (ISO/DIS 22476-1:2021)
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 1. dio: Ispitivanje električnim statičkim prodiranjem bez mjerenja pornoga tlaka i s mjerenjem pornoga tlaka (ISO/DIS 22476-1:2021)

HZN/TO 502, Plinski uređaji

prEN 15502-2-3 en
Gas-fired central heating boilers – Part 2-3: Specific standard for hybrid space heating appliances combining a gas fired appliances and heat pump in a product
Plinski kotlovi za centralno grijanje – Dio 2-3: Specifična norma za hibridne uređaje za grijanje prostora s plinskim uređajima i dizalicom topline kombinirane u jednom proizvodu

HZN/TO 503, Metalni materijali

prEN 10107 en
Grain-oriented electrical steel strip and sheet delivered in the fully processed state
Čelična elektrotraka i elektrolim usmjerenoga zrna isporučeni u potpuno obrađenom stanju

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 21857 en
Petroleum, petrochemical and natural gas industries – Prevention of corrosion on pipeline systems influenced by stray currents (ISO 21857:2021)
Industrija nafte, petrokemije i prirodnog plina – Sprečavanje korozije na cjevovodnim sustavima pod utjecajem lutajućih struja (ISO 21857:2021)

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

prEN ISO 23936-1 en

Petroleum, petrochemical and natural gas industries – Non-metallic materials in contact with media related to oil and gas production – Part 1: Thermoplastics (ISO/DIS 23936-1:2021)
Industrija nafte, petrokemije i prirodnoga plina – Nemetalni materijali u kontaktu s medijima koji se upotrebljavaju u proizvodnji nafte i plina – 1. dio: Plastomeri (ISO/DIS 23936-1:2021)

HZN/TO 508, Ambalaža i pakiranje

prEN ISO 16495 en

Packaging – Transport packaging for dangerous goods – Test methods (ISO/DIS 16495:2021)
Ambalaža – Transportna ambalaža za opasne terete – Metode ispitivanja (ISO/DIS 16495:2021)

HZN/TO 511, Eksplozivi za civilnu uporabu

prEN 13857-3 en

Explosives for civil uses – Part 3: Information to be provided by the manufacturer or his authorized representative to the user
Eksplozivi za civilnu uporabu – 3. dio: Podaci i informacije koje proizvođač ili njegov zastupnik daju korisniku

HZN/TO 521, Usluge održavanja

prEN 17666 en

Maintenance – Maintenance engineering – Requirements

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

prEN 17686 en

Flexible sheets for waterproofing – Determination of the resistance to wind load of roof build-up system with bonded waterproofing systems
Savijljive hidroizolacijske trake – Određivanje otpornosti na opterećenje vjetrom krovnih hidroizolacijskih povezanih sustava

HZN/TO 528, Oprema za željeznice

prEN 14587-2 en

Railway applications – Infrastructure – Flash butt welding of rails – Part 2: New R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT and R400HT grade rails by mobile welding machines at sites other than a fixed plant

EN 15611:2020/prA1 en

Railway applications – Braking – Relay valves
Željeznički sustav – Kočenje – Prijenosni ventili

prEN 17149-1 en

Railway applications – Strength assessment of railway vehicle structures – Part 1: General

prEN 17149-3 en

Railway applications – Strength assessment of railway vehicle structures – Part 3: Fatigue strength assessment based on cumulative damage

prEN 17682 en

Railway applications – Infrastructure – Resilient element for floating slab system

HZN/TO 531, Plastika i guma

prEN 14420-2 en

Hose fittings with clamp units – Part 2: Hose side parts of hose tail
Crijevni priključci sa stezaljkama – 2. dio: Bočni dijelovi nastavka za crijevo

prEN 14420-4 en

Hose fittings with clamp units – Part 4: Flange connections

prEN 14420-7 en

Hose fittings with clamp units – Part 7: Cam locking couplings
Cijevni priključci sa stezaljkama – 7. dio: Spojke za zatvaranje

prEN 15354 en

Plastics – Extruded and/or calendered, non-reinforced film and sheeting made of plasticized poly(vinyl chloride) (PVC-P) – Characterisation and designation
Plastika – Ekstrudirani i/ili kalandrirani, neojačani filmovi i ploče izrađeni od omekšanog poli(vinil-klorida) (PVC-P) – Karakterizacija i oznaka

prEN 17679 en

Testing of plastics films – Tear test using trapezoidal test specimen with incision
Turističke i srodne usluge – Wellness spa – Zahtjevi za usluge

HZN/TO 533, Kolničke konstrukcije

prEN 12697-43 en

Bituminous mixtures – Test methods – Part 43: Resistance to fuel
Bitumenske mješavine – Metode ispitivanja – 43. dio: Otpornost na gorivo

HZN/TO 534, Spremnici za teret

prEN 15969-1

Tanks for transport of dangerous goods – Digital interface for the data transfer between tank vehicle and with stationary facilities – Part 1: Protocol specification – Control, measurement and event data
Spremnici za prijevoz opasnih tvari – Digitalno sučelje za prijenos podataka između vozila cisterne i nepomičnih uređaja – 1. dio: Specifikacija protokola – Upravljanje, mjerenje i podaci o događajima

HZN/TO 535, Agregati

prEN 933-1 en

Tests for geometrical properties of aggregates – Part 1: Determination of particle size distribution – Sieving method
Ispitivanje geometrijskih svojstava agregata – 1. dio: Određivanje granulometrijskog sastava – Metoda sisanja

HZN/TO 551, Gradnja

prEN 15941 en

Sustainability of construction works – Data quality for environmental assessment of products and construction works – Selection and use of data
Održivost građevina – Kvaliteta podataka za procjenu utjecaja na okoliš proizvoda i građevina – Odabir i upotreba podataka

prEN 17672 en

Sustainability of construction works – Environmental product declarations – Horizontal rules for business-to-consumer communication
Održivost građevina – Izjave o utjecaju proizvoda na okoliš – Horizontalna pravila za komunikaciju poslovnog subjekta prema potrošaču

prEN 17680 en

Sustainability of construction works – Evaluation of the potential for sustainable refurbishment of buildings
Održivost građevina – Procjena potencijala za održivo obnavljanje zgrada

HZN/TO 553, Predgotovljeni proizvodi

prEN 13888-1 en

Grouts for ceramic tiles – Part 1: Requirements, classification, designation, marking and labelling
Mase za sljubnice – 1. dio: Zahtjevi, razredba, opisivanje, označavanje i obilježavanje

prEN 13888-2 en

Grouts for ceramic tiles – Part 2: Test methods
Mase za sljubnice – 2. dio: Metode ispitivanja

HZN/TO 554, Obrada otpadnih voda

prEN 12255-6 en

Wastewater treatment plants – Part 6: Activated sludge process
Uređaji za pročišćivanje otpadnih voda – 6. dio: Postupak s aktivnim muljem

prEN 12255-10 en

Wastewater treatment plants – Part 10: Safety principles
Uređaji za pročišćivanje otpadnih voda – 10. dio: Načela sigurnosti

prEN 12255-11 en
Wastewater treatment plants – Part 11: General data required
Uređaji za pročišćivanje otpadnih voda – 11. dio: Opći podaci

prEN 12255-13 en
Wastewater treatment plants – Part 13: Chemical treatment
– Treatment of wastewater by precipitation/flocculation
Uređaji za pročišćivanje otpadnih voda – 13. dio: Kemijska
obrada – Obrada otpadnih voda precipitacijom/flokulacijom

prEN 12255-14 en
Wastewater treatment plants – Part 14: Disinfection
Uređaji za pročišćivanje otpadnih voda – 14. dio: Dezinfekcija

HZN/TO 557, Zaštitna odjeća

prEN 17673 en
Protective clothing – Protection against heat and flame
– Requirements and test methods for garments with
integrated smart textiles and non textile elements
Zaštitna odjeća – Zaštita od topline i plamena – Zahtjevi
i metode ispitivanja za odjeću s integriranim pametnim
tekstilom i netekstilnim elementima

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN ISO 4126-10 en
Safety devices for protection against excessive pressure
– Part 10: Sizing of safety valves and bursting discs for gas/
liquid two-phase flow (ISO/DIS 4126-10:2021)
Sigurnosni uređaji za zaštitu od prekomjernog tlaka – 10. dio:
Dimenzioniranje sigurnosnih ventila i rasprskavajućih diskova
za dvofazni protok (plin/kapljevina) (ISO/DIS 4126-10:2021)

prEN ISO 10497 en
Testing of valves – Fire type-testing requirements
(ISO/DIS 10497:2021)
Ispitivanje zapornih uređaja – Zahtjevi za tipno ispitivanje
otpornosti na požar (ISO/DIS 10497:2021)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 4484-2 en
Textiles and textile products – Microplastics from textile
sources – Part 2: Qualitative and quantitative evaluation of
microplastics (ISO/DIS 4484-2:2021)

prEN 17681-1 en
Textiles and textile products – Organic fluorine – Part 1:
Determination of non-volatile compounds by extraction
method using liquid chromatography

prEN 17681-2 en
Textiles and textile products – Organic fluorine – Part 2:
Determination of volatile compounds by extraction method
using gas chromatography

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

prEN ISO 10286 en
Gas cylinders – Vocabulary (ISO/FDIS 10286:2021)
Plinske boce – Terminološki rječnik (ISO/FDIS 10286:2021)

prEN 13110 en
LPG equipment and accessories – Transportable refillable
welded aluminium cylinders for liquefied petroleum gas (LPG)
– Design and construction
Oprema i pribor za UNP – Prenosive, ponovno punjive,
zavarene aluminijske boce za ukapljeni naftni plin (UNP)
– Projektiranje i izrada

HZN/TO 562, Alatni strojevi i alati

prEN ISO 19085-5 en
Woodworking machines – Safety – Part 5: Dimension saws
(ISO/DIS 19085-5:2021)
Strojevi za obradu drveta – Sigurnost – 5. dio: Formatne pile
(ISO/DIS 19085-5:2021)

prEN ISO 19085-6 en
Woodworking machines – Safety – Part 6: Single spindle
vertical moulding machines (“toupies”) (ISO/DIS 19085-6:2021)
Strojevi za obradu drveta – Sigurnost – 6. dio: Jednovretni strojevi
za vertikalno oblikovanje kalupa (ISO/DIS 19085-6:2021)

HZN/TO 569, Hrana za životinje

prEN 17683 en
Animal feeding stuffs – Methods of sampling and analysis
– Determination of pyrrolizidine alkaloids in animal feeding
stuff by LCMS/MS
Hrana za životinje – Metode uzorkovanja i analize
– Određivanje pirrolizidinskih alkaloida u hrani za životinje
LCMS / MS metodom

HZN/TO 578, Elektronička javna nabava

prEN 17687 en
Public procurement – Integrity and accountability – Requirements
and guidance

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

prEN IEC 62055-42:2021 en
Electricity metering – Payment systems – Part 42: Transaction
Reference Numbers (TRN) (IEC 62055-42:202X)
Mjerenje električne energije – Sustavi plaćanja – 42. dio:
Referentni brojevi transakcija (TRN) (IEC 62055-42:202X)

HZN/TO E17, Sklopni i upravljački uređaji

prEN 50089 en
Cast resin partitions for metal enclosed gas-filled high-voltage
switchgear and controlgear
Pregrade od lijevane smole za metalom oklopljene plinom
punjene visokonaponske aparature

HZN/TO E23, Električni instalacijski pribor

prEN IEC 62991:2021 en
Particular requirements for Source-Switching Equipment
(SSE) (IEC 62991:202X)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN IEC 60061-PR2021-1:2021 en
Lamp caps and holders together with gauges for the
control of interchangeability and safety – Revision of
7004-21A-3 for E26, 7004-24A-2 for E39 and 7004-26-3
for E17 (IEC 60061-PR2021-1:202X)

HZN/TO E36, Izolatori

prEN 50243 en
Outdoor bushings for 24 kV and 36 kV and for 5 kA and 8 kA,
for liquid filled transformers
Vanjski provodni izolatori za 24 kV i 36 kV i za 5 kA i 8 kA
za tekućinom punjene transformatore

HZN/TO E38, Mjerni transformatori

prEN IEC 61869-99:2021 en
IEC 61869-99: Instrument Transformers: Glossary
(IEC 61869-99:202X)
IEC 61869-99: Mjerni transformatori: Rječnik (IEC 61869-99:202X)

HZN/TO E45, Nuklearna instrumentacija

prEN IEC 62484 en
Radiation protection instrumentation – Spectrometric
radiation portal monitors (SRPMs) used for the detection
and identification of illicit trafficking of radioactive material
(IEC 62484:2020)
Instrumentacija u zaštiti od zračenja – Portalni spektrometrijski
monitori zračenja (SRPMs) za detekciju i identifikaciju
radioaktivnog materijala u nedopuštenom prometu
(IEC 62484:2020)

prEN IEC 63121 en
Radiation protection instrumentation – Vehicle-mounted
mobile systems for the detection of illicit trafficking of
radioactive materials (IEC 63121:2020)
Instrumentacija u zaštiti od zračenja – Pokretni sustavi,
postavljeni na vozila, za detekciju radioaktivnog materijala u
nedopuštenom prometu (IEC 63121:2020)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

prEN IEC 62351-5:2021 en
Power systems management and associated information
exchange – Data and communications security – Part 5:
Security for IEC 60870-5 and derivatives (IEC 62351-5:202X)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

FprEN IEC 60335-2-105:2021/prA1:2021 en
Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets (IEC 60335-2-105:2016/am1:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-105: Posebni zahtjevi za višenamjenske kabine za tuširanje (IEC 60335-2-105:2016/am1:2019)

FprEN IEC 60335-2-105:2021/prAA:2021 en
Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets
Kućanski i slični električni aparati – Sigurnost – Dio 2-105: Posebni zahtjevi za višenamjenske kabine za tuširanje

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

prEN IEC 60335-2-24:2021/prAA:2021 en
Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers
Kućanski i slični električni aparati – Sigurnost – Dio 2-24: Posebni zahtjevi za hladnjake, ledenice, sladoledarice i ledarice

FprEN 60335-2-29:2020/prA1:2021 en
Household and similar electrical appliances – Safety – Part 2-29: Particular requirements for battery chargers (IEC 60335-2-29:2016/am1:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-29: Posebni zahtjevi za punjače baterija (IEC 60335-2-29:2016/am1:2019)

EN 60335-2-54:2008/prA2:2021 en
Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam (IEC 60335-2-54:2008/am2:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-54: Posebni zahtjevi za kućanske aparate za čišćenje površina primjenom tekućina ili pare (IEC 60335-2-54:2008/am2:2019)

EN IEC 60335-2-90:2020/FprA1:2021 en
Household and similar electrical appliances – Safety – Part 2-90: Particular requirements for commercial microwave ovens (IEC 60335-2-90:2015/am1:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-90: Posebni zahtjevi za ugostiteljske mikrovalne pećnice (IEC 60335-2-90:2015/am1:2019)

HZN/TO E62, Električna oprema u medicinskoj praksi

EN IEC 60601-2-75:2019/prA1:2021 en
Medical electrical equipment – Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment (IEC 60601-2-75:2017/am1:202X)
Medicinska električna oprema – Dio 2-75: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke opreme za fotodinamičku terapiju i fotodinamičku dijagnostiku (IEC 60601-2-75:2017/am1:202X)

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

prHD 60364-8-2:2021 en
Low-voltage electrical installations – Part 8-2: Prosumer's low-voltage electrical installations (IEC 60364-8-2:202X)
Niskonaponske električne instalacije – Dio 8-2: Niskonaponske električne instalacije potrošača-proizvođača (IEC 60364-8-2:202X)

HZN/TO E69, Cestovna i industrijska električna vozila

prEN IEC 61980-2:2021 en
Electric vehicle wireless power transfer (WPT) systems – Part 2: Specific requirements for communication between electric road vehicle (EV) and infrastructure (IEC 61980-2:202X)

prEN IEC 61980-3:2021 en
Electric vehicle wireless power transfer (WPT) systems – Part 3: Specific requirements for the magnetic field wireless power transfer systems (IEC 61980-3:202X)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

prEN IEC 62232:2021 en
Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure (IEC 62232:202X)
Određivanje jakosti, gustoće snage i SAR-a RF polja u blizini radiokomunikacijskih baznih postaja za potrebe vrednovanja ljudske izloženosti (IEC 62232:202X)

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

IEC 60493-1:2011 en
Guide for the statistical analysis of ageing test data – Part 1: Methods based on mean values of normally distributed test results
Uputa za statističku analizu podataka pri ispitivanju starenja – 1. dio: Metode koje se temelje na srednjoj vrijednosti rezultata s normalnom distribucijom

prEN IEC 62631-2-2:2021 en
Dielectric and resistive properties of solid insulating materials – Part 2-2: Relative permittivity and dielectric dissipation factor – High frequencies (1 MHz to 300 MHz) – AC Methods (IEC 62631-2-2:202X)
Dielektrična i otporna svojstva čvrstih izolacijskih materijala – Dio 2-2: Relativna permitivnost i faktor dielektričnih gubitaka – Visoke frekvencije (1 MHz do 300 MHz) – Metode izmjenične struje (IEC 62631-2-2:202X)

HZN/TO E501, Elektroakustika i ultrazvuk

EN 61094-2:2009/prA1:2021 en
Electroacoustics – Measurement microphones – Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique (IEC 61094-2:2009/am1:202X)
Elektroakustika – Mjerni mikrofoni – 2. dio: Primarna metoda za laboratorijsku kalibraciju mjernih mikrofona tehnikom recipročnosti (IEC 61094-2:2009/am1:202X)

prEN IEC 61689:2021 en
Ultrasonics – Physiotherapy systems – Field specifications and methods of measurement in the frequency range 0,5 MHz to 5 MHz (IEC 61689:202X)
Ultrazvuk – Fizioterapijski sustavi – Specifikacije polja i metode mjerenja u frekvencijskom području od 0,5 MHz do 5 MHz (IEC 61689:202X)

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 300 019-2-5 V3.0.7:2021 en
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2: Specification of environmental tests – Sub-part 5: Ground vehicle installations
Upravljanje okolišem (EE) – Uvjeti okoliša i ispitivanja okoliša za telekomunikacijsku opremu – 2. dio: Specifikacija ispitivanja utjecaja na okoliš – 5. poddio: Instalacije zemaljskih vozila

Draft EN 300 338-7 V1.0.0:2021 en
Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service – Part 7: Implementation of Bridge Alert Management (BAM) in DSC radio equipment
Tehničke značajke i metode mjerenja opreme za generiranje, odašiljanje i prijam digitalnog selektivnog poziva (DSC) u pomorskoj MF, MF/HF i/ili VHF pokretnoj službi – 7. dio: Implementacija Bridge Alert Management (BAM) u DSC radijskoj opremi

Draft EN 301 908-1 V15.0.1:2021 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 1: Introduction and common requirements Release 15
IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 1. dio: Uvod i opći zahtjevi Izdanje 15

Draft EN 301 908-14 V15.1.0:2021 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS) Release 15
IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 14. dio: Bazne postaje (BS) za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA) Izdanje 15

Draft EN 301 908-18 V15.0.1:2021 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS) Release 15
IMT (International Mobile Telecommunications) cellularne mreže – Harmonizirana norma za pristup radijskom spektru – 18. dio: E-UTRA, UTRA i GSM/EDGE bazna postaja (BS) multistandardnog radija (MSR) Izdanje 15

Draft EN 302 480 V2.2.0:2021 en
Mobile Communication On Board Aircraft (MCOBA) systems – Harmonised Standard for access to radio spectrum
Sustavi pokretnih komunikacija u zrakoplovu (MCOBA) – Harmonizirana norma za pristup radijskom spektru

HZN/TO Z1, Informacijska tehnologija

ISO/IEC 9798-2:2019 en
IT Security techniques – Entity authentication – Part 2: Mechanisms using authenticated encryption

ISO/IEC 10118-1:2016/Amd 1:2021 en
Information technology – Security techniques – Hash-functions – Part 1: General – Amendment 1: Padding methods for sponge functions

ISO/IEC 11770-4:2017/Amd 1:2019 en
Information technology – Security techniques – Key management – Part 4: Mechanisms based on weak secrets – Amendment 1: Unbalanced Password-Authenticated Key Agreement with Identity-Based Cryptosystems (UPAKA-IBC)

ISO/IEC 11770-4:2017/Amd 2:2021 en
Information technology – Security techniques – Key management – Part 4: Mechanisms based on weak secrets – Amendment 2: Leakage-resilient password-authenticated key agreement with additional stored secrets

ISO/IEC 18033-4:2011/Amd 1:2020 en
Information technology – Security techniques – Encryption algorithms – Part 4: Stream ciphers – Amendment 1: ZUC

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

prEN 16589-1 en
Laboratory local exhaust devices – Part 1: Articulated extraction arm

prEN ISO 16925 en
Paints and varnishes – Determination of the resistance of coatings to pressure water-jetting (ISO/DIS 16925:2021)
Boje i lakovi – Određivanje otpornosti prevlaka na tlak vodenog mlaza (ISO/DIS 16925:2021)

HZN/TU I1, Strojstvo 1

prEN ISO 21789 en
Gas turbine applications – Safety (ISO/DIS 21789:2020)
Primjena plinskih turbina – Sigurnost (ISO/DIS 21789:2020)

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

EN ISO 20342-1:2019/prA1 en
Assistive products for tissue integrity when lying down – Part 1: General requirements (ISO 20342-1:2019/DAMd 1:2021)
Proizvodi koji pomažu u sprječavanju ozljeda tkiva pri dugotrajnom ležanju – 1. dio: Opći zahtjevi (ISO 20342-1:2019/DAMd 1:2021)

prEN ISO 22683 en
Dentistry – Adaptability test between implant body and implant abutment in dental implant systems (ISO/DIS 22683:2021)
Stomatologija – Ispitivanje prilagodljivosti između tijela implantata i nosača implantata u sustavima dentalnih implantata (ISO/DIS 22683:2021)

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

prEN 415-4 en
Safety of packaging machines – Part 4: Palletizers and depalletizers and associated equipment
Sigurnost strojeva za pakiranje – 4. dio: Paletizeri i depaletizeri

prEN 2854-002 en
Aerospace series – Cables, electrical for general purpose – Operating temperatures between -55 °C and 260 °C – Part 002: General
Zrakoplovstvo – Kabeli, električni za opću uporabu – Radna temperatura između -55 °C i 260 °C – 002. dio: Općenito

prEN 4630 en
Aerospace series – Steel X4CrNiMo16-5-1 (1.4418) – Air melted – Hardened and tempered – Forgings – De ≤ 200 mm – 900 MPa ≤ Rm ≤ 1 050 MPa
Zrakoplovstvo – Čelik FE-PM 3504 (X4CrNiMo16-5-1) – Taljen na zraku – Kaljen i termički obrađen – Otkivci – De ≤ 200 mm – 900 MPa ≤ Rm ≤ 1050 MPa

prEN 4631 en
Aerospace series – Steel X4CrNiMo16-5-1 (1.4418) – Air melted – Hardened and tempered – Bars – De ≤ 200 mm – 900 MPa ≤ Rm ≤ 1 050 MPa
Zrakoplovstvo – Čelik X4CrNiMo16-5-1 (1.4418) – Taljen na zraku – Kaljen i termički obrađen – Šipka – De ≤ 200 mm – 900 MPa ≤ Rm ≤ 1050 MPa

prEN 4868 en
Aerospace series – Anodic electrodeposition of hexavalent chromium free primer
Zrakoplovstvo – Anodno elektronanošenje temeljnih premaza bez šesterovalentnog kroma

prEN 16603-10-03 en
Space engineering – Testing
Svemirsko inženjerstvo – Ispitivanje

prEN 16603-35-06 en
Space engineering – Cleanliness requirements for spacecraft propulsion hardware
Svemirsko inženjerstvo – Zahtjevi u pogledu čistoće elemenata pogona svemirskih letjelica

HZN/TU U1, Opća elektrotehnika 1

prEN IEC 60721-2-6:2021 en
Classification of environmental conditions – Part 2-6: Environmental conditions appearing in nature – Earthquake vibration and shock (IEC 60721-2-6:202X)
Klasifikacija uvjeta okoliša – Dio 2-6: Uvjeti okoliša koji se pojavljuju u prirodi – Vibracije i udari uzrokovani potresom (IEC 60721-2-6:202X)

HZN/TU V1, Elektronika 1

prEN IEC 60794-1-220:2021 en
Optical fibre cables – Part 1-220: Generic specification – Basic optical cable test procedures – Environmental test methods – Salt spray Corrosion test, Method F20 (IEC 60794-1-220:202X)

prEN IEC 60794-1-404:2021 en
Optical fibre cables – Part 1-404: Generic specification – Basic optical cable test procedures – Electrical test methods – Current-temperature test, Method H4 (IEC 60794-1-404:202X)

prEN IEC 61169-17:2021 en
Radio-frequency connectors – Part 17: R.F. coaxial connectors with inner diameter of outer conductor 6.5 mm (0.256 in) with screw coupling – Characteristic impedance 50 ohms (Type TNC) (IEC 61169-17:202X)
Radiofrekvencijski konektori – 17. dio: Radiofrekvencijski koaksijalni konektori s unutarnjim promjerom vanjskog vodiča 6,5 mm (0.256 in) s vijčanom spojnicom – Karakteristična impedancija 50 Ω (tip TNC) (IEC 61169-17:202X)

prEN 61169-71:2021 en
Radio-frequency connectors – Part 71: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 5,0 mm – Characteristic impedance 50Ω Ohms (type NEX10®) (IEC 61169-71:202X)
Radiofrekvencijski konektori – 71. dio: Sekcijska specifikacija za radiofrekvencijske koaksijalne konektore s unutarnjim promjerom vanjskog vodiča 5,0 mm – Karakteristična impedancija 50Ω (tip NEX10®) (IEC 61169-71:202X)

EN IEC 61280-4-1:2019/prA1:2021 en
Fibre-optic communication subsystem test procedures – Part 4-1: Installed cabling plant – Multimode attenuation measurement (IEC 61280-4-1:2019/am1:202X)

prEN IEC 61300-1:2021 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance (IEC 61300-1:202X)
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – 1. dio: Općenito i upute (IEC 61300-1:202X)

prEN IEC 62150-6:2021 en
Fibre optic active components and devices – Basic test and measurement procedures – Part 6: Universal mezzanine boards for test and measurement of photonic devices (IEC 62150-6:202X)

prEN IEC 63182-4:2021 en
Magnetic powder cores – guidelines on dimensions and the limits of surface irregularities – Part 4: Block-cores (IEC 63182-4:202X)
Magnetske jezgre u prahu – Smjernice za dimenzije i granice površinskih nepravilnosti – 4. dio: Blok jezgre (IEC 63182-4:202X)

prEN IEC 63182-5:2021 en
Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 5: Cylinder-cores (IEC 63182-5:202X)
Magnetske jezgre u prahu – Smjernice za dimenzije i granice površinskih nepravilnosti – 5. dio: Jezgre cilindra (IEC 63182-5:202X)

HZNTU W1, Energetska elektrotehnika 1

prEN IEC 60269-7:2021 en
Low-voltage fuses – Part 7: Fuse links for the protection of batteries (IEC 60269-7:202X)

prEN IEC 60953-0:2021 en
Rules for steam turbine thermal acceptance tests – Part 0: Wide range of accuracy for various types and sizes of turbines (IEC 60953-0:202X)

prEN IEC 60953-3:2021 en
Rules for steam turbine thermal acceptance tests – Part 3: Thermal performance verification tests of retrofitted steam turbines (IEC 60953-3:202X)
Pravila za prijamna ispitivanja parnih turbina – 3. dio: Potvrдна ispitivanja toplinskih značajki obnovljenih parnih turbina (IEC 60953-3:202X)

prEN IEC 62841-4-6:2021 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums (IEC 62841-4-6:202X)

prEN IEC 62841-4-6:2021/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums

prEN IEC 62841-4-7:2021 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-7: Particular requirements for pedestrian controlled walk-behind lawn scarifiers and aerators (IEC 62841-4-7:202X)

prEN IEC 62841-4-7:2021/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-7: Particular requirements for pedestrian controlled walk-behind lawn scarifiers and aerators

1.4 Povučene hrvatske norme

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

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

HZN/TO 8, Brodogradnja

HRN EN ISO 8849:2018 en
Mala plovila – Elektromotorne kaljužne crpke na istosmjernu struju (ISO 8849:2003; EN ISO 8849:2018)
Small craft – Electrically operated direct-current bilge pumps (ISO 8849:2003; EN ISO 8849:2018)
- zamijenjena s: HRN EN ISO 8849:2021

HRN EN ISO 14945:2004 en
Mala plovila – Tvornička pločica (ISO 14945:2004; EN ISO 14945:2004)
Small craft – Builder's plate (ISO 14945:2004; EN ISO 14945:2004)
- zamijenjena s: HRN EN ISO 14945:2021

HRN EN ISO 14945:2004/Ispr.1:2008 en
Mala plovila – Tvornička pločica (EN ISO 14945:2004/AC:2005)
Small craft – Builder's plate (EN ISO 14945:2004/AC:2005)
- zamijenjena s: HRN EN ISO 14945:2021

HRN EN ISO 14946:2004 en
Mala plovila – Najveća nosivost (ISO 14946:2001; EN ISO 14946:2001)
Small craft – Maximum load capacity (ISO 14946:2001; EN ISO 14946:2001)
- zamijenjena s: HRN EN ISO 14946:2021

HRN EN ISO 14946:2004/Ispr.1:2008 en
Mala plovila – Najveća nosivost (EN ISO 14946:2001/AC:2005)
Small craft – Maximum load capacity (EN ISO 14946:2001/AC:2005)
- zamijenjena s: HRN EN ISO 14946:2021

HZN/TO 21, Protupožarna i vatrogasna oprema

HRN EN 54-1:2012 en
Sustavi za otkrivanje i dojavu požara – 1. dio: Uvod (EN 54-1:2011)
Fire detection and fire alarm systems – Part 1: Introduction (EN 54-1:2011)
- zamijenjena s: HRN EN 54-1:2021

HZN/TO 22, Cestovna vozila

HRN EN ISO 18541-1:2014 en
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 1. dio: Opće informacije i definicija slučaja uporabe (use case) (ISO 18541-1:2014; EN ISO 18541-1:2014)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 1: General information and use case definition (ISO 18541-1:2014; EN ISO 18541-1:2014)
- zamijenjena s: HRN EN ISO 18541-1:2021

HRN EN ISO 18541-2:2014 en
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 2. dio: Tehnički zahtjevi (ISO 18541-2:2014; EN ISO 18541-2:2014)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 2: Technical requirements (ISO 18541-2:2014; EN ISO 18541-2:2014)
- zamijenjena s: HRN EN ISO 18541-2:2021

HRN EN ISO 18541-3:2014 en
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 3. dio: Zahtjevi za korisničko sučelje (ISO 18541-3:2014; EN ISO 18541-3:2014)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 3: Functional user interface requirements (ISO 18541-3:2014; EN ISO 18541-3:2014)
- zamijenjena s: HRN EN ISO 18541-3:2021

HRN EN ISO 18541-4:2015 en
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 4. dio: Test sukladnosti (ISO 18541-4:2015; EN ISO 18541-4:2015)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 4: Conformance test (ISO 18541-4:2015; EN ISO 18541-4:2015)
- zamijenjena s: HRN EN ISO 18541-4:2021

HZN/TO 25, Ljevarstvo

HRN EN 10222-2:2017 en
Čelični otkivci za tlačne namjene – 2. dio: Feritni i martenzitni čelici s visokom granicom razvlačenja (EN 10222-2:2017)
Steel forgings for pressure purposes – Part 2: Ferritic and martensitic steels with specified elevated temperatures properties (EN 10222-2:2017)
- zamijenjena s: HRN EN 10222-2:2021

HRN EN 10222-4:2017 en
Čelični otkivci za tlačne namjene – 4. dio: Zavarivi sitnozrnati čelici s visokom granicom razvlačenja (EN 10222-4:2017)
Steel forgings for pressure purposes – Part 4: Weldable fine grain steels with high proof strength (EN 10222-4:2017)
- zamijenjena s: HRN EN 10222-4:2021

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN 28167:2002 en
Bradavice za elektrootporno bradavičasto zavarivanje (ISO 8167:1989; EN 28167:1992)
Projections for resistance welding (ISO 8167:1989; EN 28167:1992)
- zamijenjena s: HRN EN ISO 8167:2021

HZN/TO 54, Eterična ulja

HRN EN ISO 9235:2013 en
Prirodne aromatične sirovine – Rječnik (ISO 9235:2013; EN ISO 9235:2013)
Aromatic natural raw materials – Vocabulary (ISO 9235:2013; EN ISO 9235:2013)
- zamijenjena s: HRN EN ISO 9235:2021

HRN EN ISO 9235:2013/Ispr.1:2014 en
Prirodne aromatične sirovine – Terminološki rječnik – Tehnički ispravak 1 (ISO 9235:2013/Cor 1:2014; EN ISO 9235:2013/AC:2014)
Aromatic natural raw materials – Vocabulary – Technical Corrigendum 1 (ISO 9235:2013/Cor 1:2014; EN ISO 9235:2013/AC:2014)
- zamijenjena s: HRN EN ISO 9235:2021

HZN/TO 71, Beton

HRN EN 12390-1:2012 en
Ispitivanje očvrsloga betona – 1. dio: Oblik, dimenzije i drugi zahtjevi za uzorke i kalupe (EN 12390-1:2012)
Testing hardened concrete – Part 1: Shape, dimensions and other requirements for specimens and moulds (EN 12390-1:2012)
- zamijenjena s: HRN EN 12390-1:2021

HRN EN 12504-4:2004 en
Ispitivanje betona – 4. dio: Određivanje brzine ultrazvučnog impulsa (EN 12504-4:2004)
Testing concrete – Part 4: Determination of ultrasonic pulse velocity (EN 12504-4:2004)
- zamijenjena s: HRN EN 12504-4:2021

HZN/TO 120, Koža i obuća

HRS CEN ISO/TS 16186:2012 en
Obuća – Kritične tvari potencijalno prisutne u obući i dijelovima obuće – Kvantitativna metoda određivanja dimetil-fumarata (DMFU) u materijalima za obuću (ISO/TS 16186:2012; CEN ISO/TS 16186:2012)
Footwear – Critical substances potentially present in footwear and footwear components – Test method to quantitatively determine dimethyl fumarate (DMFU) in footwear materials (ISO/TS 16186:2012; CEN ISO/TS 16186:2012)
- zamijenjena s: HRN EN ISO 16186:2021

HZN/TO 130, Grafička tehnologija

HRN ISO 2836:2004 en
Grafička tehnologija – Otisci i tiskarske boje – Procjena postojanosti na različite agense (ISO 2836:2004)
Graphic technology – Prints and printing inks – Assessment of resistance of prints to various agents (ISO 2836:2004)
- zamijenjena s: HRN ISO 2836:2021

HRN ISO 12647-8:2017 en
Grafička tehnologija – Kontrola postupaka za proizvodnju rasterskih izvadaka, probnog i proizvodnog otiska – 8. dio: Provjera tiskarskog procesa nastalog direktno iz digitaliziranih podataka (ISO 12647-8:2017)
Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 8: Validation print processes working directly from digital data (ISO 12647-8:2017)
- zamijenjena s: HRN ISO 12647-8:2021

HZN/TO 136, Namještaj

HRN EN 16890:2017 en
Namještaj za djecu – Madraci za dječje krevete i dječje krevetiće – Sigurnosni zahtjevi i metode ispitivanja (EN 16890:2017)
Children's furniture – Mattresses for cots and cribs – Safety requirements and test methods (EN 16890:2017)
- zamijenjena s: HRN EN 16890:2021

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

HRI CEN/TR 1046:2014 en
Plastični cijevni i kanalni sustavi – Sustav za transport vode ili otpadne vode izvan građevinske konstrukcije – Postupci za podzemno polaganje (CEN/TR 1046:2013)
Thermoplastics piping and ducting systems – Systems outside building structures for the conveyance of water or sewage – Practices for underground installation (CEN/TR 1046:2013)
- zamijenjena s: HRS CEN/TS 1046:2021

HRN EN 1555-1:2010 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 1. dio: Općenito (EN 1555-1:2010)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 1: General (EN 1555-1:2010)
- zamijenjena s: HRN EN 1555-1:2021

HRN EN 1555-2:2010 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 2. dio: Cijevi (EN 1555-2:2010)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 2: Pipes (EN 1555-2:2010)
- zamijenjena s: HRN EN 1555-2:2021

HRN EN 1555-3:2013 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 3. dio: Spojnice (EN 1555-3:2010+A1:2012)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 3: Fittings (EN 1555-3:2010+A1:2012)
- zamijenjena s: HRN EN 1555-3:2021

HRN EN 1555-4:2011 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 4. dio: Ventili (EN 1555-4:2011)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 4: Valves (EN 1555-4:2011)
- zamijenjena s: HRN EN 1555-4:2021

HRN EN 1555-5:2010 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 5. dio: Prikladnost sustava za uporabu (EN 1555-5:2010)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 5: Fitness for purpose of the system (EN 1555-5:2010)
- zamijenjena s: HRN EN 1555-5:2021

HRN EN 1796:2013 en
Plastični cijevni sustavi za tlačnu i netlačnu opskrbu vodom – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) (EN 1796:2013)
Plastics piping systems for water supply with or without pressure – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) (EN 1796:2013)
- zamijenjena s: HRN EN ISO 23856:2021

HRN EN 14364:2013 en
Plastični cijevni sustavi za tlačnu i netlačnu odvodnju i kanalizaciju – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) – Specifikacije za cijevi, spojnice i brtve (EN 14364:2013)
Plastics piping systems for drainage and sewerage with or without pressure – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) – Specifications for pipes, fittings and joints (EN 14364:2013)
- zamijenjena s: HRN EN ISO 23856:2021

HZN/TO 147, Kvaliteta vode

HRN EN ISO 10703:2015 en
Kvaliteta vode – Određivanje koncentracije aktivnosti radionuklida – Metoda visokorezolucijske gama-spektrometrije (ISO 10703:2007; EN ISO 10703:2015)
Water quality – Determination of the activity concentration of radionuclides – Method by high resolution gamma-ray spectrometry (ISO 10703:2007; EN ISO 10703:2015)
- zamijenjena s: HRN EN ISO 10703:2021

HRN EN ISO 13162:2015 en
Kvaliteta vode – Određivanje aktivnosti ugljika-14 – Metoda tekućinske scintilacije (ISO 13162:2011; EN ISO 13162:2015)
Water quality – Determination of carbon 14 activity – Liquid scintillation counting method (ISO 13162:2011; EN ISO 13162:2015)
- zamijenjena s: HRN EN ISO 13162:2021

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 19980:2014 en
Oftalmološki instrumenti – Kornealni topograferi (ISO 19980:2012; EN ISO 19980:2012)
Ophthalmic instruments – Corneal topographers (ISO 19980:2012; EN ISO 19980:2012)
- zamijenjena s: HRN EN ISO 19980:2021

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19126:2011 en
Geoinformacije – Rječnici i registri za koncepte objekata (ISO 19126:2009; EN ISO 19126:2009)
Geographic information – Feature concept dictionaries and registers (ISO 19126:2009; EN ISO 19126:2009)
- zamijenjena s: HRN EN ISO 19126:2021

HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 17225-1:2014 en
Čvrsta biogoriva – Specifikacije goriva i razredi – 1. dio: Opći zahtjevi (ISO 17225-1:2014; EN ISO 17225-1:2014)
Solid biofuels – Fuel specifications and classes – Part 1: General requirements (ISO 17225-1:2014; EN ISO 17225-1:2014)
- zamijenjena s: HRN EN ISO 17225-1:2021

HZN/TO 505, Prijenos i distribucija plina

HRN EN 1473:2016 en
Instalacije i oprema za ukapljeni prirodni plin – Projektiranje instalacija na kopnu (EN 1473:2016)
Installation and equipment for liquefied natural gas – Design of onshore installations (EN 1473:2016)
- zamijenjena s: HRN EN 1473:2021

HZN/TO 509, Cestovna oprema

HRN EN 1463-2:2001 en
Materijali za oznake na kolniku – Reflektirajuće oznake na kolniku – 2. dio: Ispitivanja na kolniku, osnovni zahtjevi (EN 1463-2:2000)
Road marking materials – Retroreflecting road studs – Part 2: Road test performance specification (EN 1463-2:2000)
- zamijenjena s: HRN EN 1463-2:2021

HZN/TO 528, Oprema za željeznice

HRN EN 12082:2017 en
Željeznički sustav – Kućišta osovinskih ležaja – Ispitivanje radnih značajka (EN 12082:2017)
Railway applications – Axleboxes – Performance testing (EN 12082:2017)
- zamijenjena s: HRN EN 12082:2021

HRN EN 14198:2018 en
Željeznički sustav – Kočenje – Zahtjevi za sustave kočenja vlakova vučenih lokomotivama (EN 14198:2016+A1:2018)
Railway applications – Braking – Requirements for the brake system of trains hauled by locomotives (EN 14198:2016+A1:2018)
- zamijenjena s: HRN EN 14198:2021

HZN/TO 529, Granici, dizalice i prenosila neprekidne dobave

HRN EN 13001-3-5:2016 en
Granici – Opće projektiranje – Dio 3-5: Granična stanja i dokaz sigurnosti kovanih kuka (EN 13001-3-5:2016)
Cranes – General design – Part 3-5: Limit states and proof of competence of forged hooks (EN 13001-3-5:2016)
- zamijenjena s: HRN EN 13001-3-5:2021

HRN EN 13001-3-6:2018 en
Granici – Osnove projektiranja – Dio 3-6: Granična stanja i dokaz sigurnosti za strojeve – Hidraulički cilindri (EN 13001-3-6:2018)
Cranes – General design – Part 3-6: Limit states and proof of competence of machinery – Hydraulic cylinders (EN 13001-3-6:2018)
- zamijenjena s: HRN EN 13001-3-6:2021

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

HRN EN 13411-7:2008 en
Završetci čeličnih užadi – Sigurnost – 7. dio: Simetrična uška s klinom (EN 13411-7:2006+A1:2008)
Terminations for steel wire ropes – Safety – Part 7: Symmetric wedge socket (EN 13411-7:2006+A1:2008)
- zamijenjena s: HRN EN 13411-7:2021

HZN/TO 531, Plastika i guma

HRN ISO 132:2015 en
Guma i elastoplastomeri – Određivanje savojno nastalih napuklina i njihovog širenja (De Mattia) (ISO 132:2011)
Rubber, vulcanized or thermoplastic – Determination of flex cracking and crack growth (De Mattia) (ISO 132:2011)
- zamijenjena s: HRN ISO 132:2021

HRN ISO 1382:2011 hr,en,fr
Guma – Terminološki rječnik (ISO 1382:2008)
Rubber – Vocabulary (ISO 1382:2008)
- zamijenjena s: HRN ISO 1382:2021

HRN ISO 1853:2015 en
Provodljive i antistatičke gume i elastoplastomeri – Mjerenje električne otpornosti (ISO 1853:2011)
Conducting and dissipative rubbers, vulcanized or thermoplastic – Measurement of resistivity (ISO 1853:2011)
- zamijenjena s: HRN ISO 1853:2021

HRN ISO 2781:2008 en
Guma i elastoplastomer – Određivanje gustoće (ISO 2781:2008)
Rubber, vulcanized or thermoplastic – Determination of density (ISO 2781:2008)
- zamijenjena s: HRN ISO 2781:2021

HRN ISO 4649:2011 en
Guma i elastoplastomeri – Određivanje abrazijske otpornosti uređajem s rotirajućim cilindričnim bubnjem (ISO 4649:2010)
Rubber, vulcanized or thermoplastic – Determination of abrasion resistance using a rotating cylindrical drum device (ISO 4649:2010)
- zamijenjena s: HRN ISO 4649:2021

HRN EN ISO 7823-3:2008 en
Plastika – Poli(metil-metakrilatne) ploče – Tipovi, dimenzije i svojstva – 3. dio: Kontinuirano lijevano ploče (ISO 7823-3:2007; EN ISO 7823-3:2007)
Plastics – Poly(methyl methacrylate) sheets – Types, dimensions and characteristics – Part 3: Continuous cast sheets (ISO 7823-3:2007; EN ISO 7823-3:2007)
- zamijenjena s: HRN EN ISO 7823-3:2021

HRN ISO 8332:2015 en
Sastojci kaučukovih smjesa – Sumpor – Metode ispitivanja (ISO 8332:2011)
Rubber compounding ingredients – Sulfur – Methods of test (ISO 8332:2011)
- zamijenjena s: HRN ISO 8332:2021

HRN EN ISO 11403-1:2014 en
Plastika – Prikupljanje i prikaz usporedivih podataka većega broja mjerenja u širem ispitnom području – 1. dio: Mehanička svojstva (ISO 11403-1:2014; EN ISO 11403-1:2014)
Plastics – Acquisition and presentation of comparable multipoint data – Part 1: Mechanical properties (ISO 11403-1:2014; EN ISO 11403-1:2014)
- zamijenjena s: HRN EN ISO 11403-1:2021

HRN EN ISO 11403-3:2014 en
Plastika – Prikupljanje i prikaz usporedivih podataka većeg broja mjerenja u širem ispitnom području – 3. dio: Utjecaj okoline na svojstva (ISO 11403-3:2014; EN ISO 11403-3:2014)
Plastics – Acquisition and presentation of comparable multipoint data – Part 3: Environmental influences on properties (ISO 11403-3:2014; EN ISO 11403-3:2014)
- zamijenjena s: HRN EN ISO 11403-3:2021

HRN EN ISO 13468-2:2008 en
Plastika – Određivanje ukupne svjetlosne propustnosti prozirnih materijala – 2. dio: Instrument s dva snopa (ISO 13468-2:1999; EN ISO 13468-2:2006)
Plastics – Determination of the total luminous transmittance of transparent materials – Part 2: Double-beam instrument (ISO 13468-2:1999; EN ISO 13468-2:2006)
- zamijenjena s: HRN EN ISO 13468-2:2021

HRN EN ISO 14631:2008 en
Ekstrudirane ploče od modificiranoga žilavog polistirena (PS-I) – Zahtjevi i ispitne metode (ISO 14631:1999; EN ISO 14631:1999)
Extruded sheets of impact-modified polystyrene (PS-I) – Requirements and test methods (ISO 14631:1999; EN ISO 14631:1999)
- zamijenjena s: HRN EN ISO 14631:2021

HRN EN ISO 14852:2018 en
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u vodenom mediju – Metoda analize nastalog ugljikovog dioksida (ISO 14852:2018; EN ISO 14852:2018)
Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium – Method by analysis of evolved carbon dioxide (ISO 14852:2018; EN ISO 14852:2018)
- zamijenjena s: HRN EN ISO 14852:2021

HRN ISO 23529:2011 en
Guma – Opći postupci pripreme i kondicioniranja ispitnih uzoraka za fizikalne ispitne metode (ISO 23529:2010)
Rubber – General procedures for preparing and conditioning test pieces for physical test methods (ISO 23529:2010)
- zamijenjena s: HRN ISO 23529:2021

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

HRN EN ISO 2692:2015 en
Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Zahtjev za najviše materijala (MMR), zahtjev za najmanje materijala (LMR) i zahtjev uzajamnosti (RPR) (ISO 2692:2014; EN ISO 2692:2014)
Geometrical product specifications (GPS) – Geometrical tolerancing – Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR) (ISO 2692:2014; EN ISO 2692:2014)
- zamijenjena s: HRN EN ISO 2692:2021

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

HRN EN 1264-1:2012 en
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 1. dio: Definicije i simboli (EN 1264-1:2011)
Water based surface embedded heating and cooling systems – Part 1: Definitions and symbols (EN 1264-1:2011)
- zamijenjena s: HRN EN 1264-1:2021

HRN EN 1264-2:2013 en
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 2. dio: Podno grijanje – Metode za dokazivanje toplinskog učinka proračunom i metodama ispitivanja (EN 1264-2:2008+A1:2012)
Water based surface embedded heating and cooling systems – Part 2: Floor heating – Prove methods for the determination of the thermal output using calculation and test methods (EN 1264-2:2008+A1:2012)
- zamijenjena s: HRN EN 1264-2:2021

HRN EN 1264-3:2010 en
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 3. dio: Dimenzioniranje (EN 1264-3:2009)
Water based surface embedded heating and cooling systems – Part 3: Dimensioning (EN 1264-3:2009)
- zamijenjena s: HRN EN 1264-3:2021

HRN EN 1264-4:2010 en
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 4. dio: Ugradnja (EN 1264-4:2009)
Water based surface embedded heating and cooling systems – Part 4: Installation (EN 1264-4:2009)
- zamijenjena s: HRN EN 1264-4:2021

HRN EN 1264-5:2008 en
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 5. dio: Površinsko grijanje i hlađenje ugrađeno u podove, stropove i zidove – Određivanje toplinskog učinka (EN 1264-5:2008)
Water based surface embedded heating and cooling systems – Part 5: Heating and cooling surfaces embedded in floors, ceilings and walls – Determination of the thermal output (EN 1264-5:2008)
- zamijenjena s: HRN EN 1264-5:2021

HRN EN 16282-3:2016 en
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 3. dio: Kuhinjski ventilacijski stropovi, projektiranje i sigurnosni zahtjevi (EN 16282-3:2016)
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 3: Kitchen ventilation ceilings, Design and safety requirements (EN 16282-3:2016)
- zamijenjena s: HRN EN 16282-3:2021

HRN EN 16282-7:2017 en
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 7. dio: Instaliranje i uporaba fiksnih sustava za gašenje požara (EN 16282-7:2017)
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 7: Installation and use of fixed fire suppression systems (EN 16282-7:2017)
- zamijenjena s: HRN EN 16282-7:2021

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 15193-1:2017 en
Energetska svojstva zgrade – Energetski zahtjevi za rasvjetu – 1. dio: Specifikacije, Modul M9 (EN 15193-1:2017)
Energy performance of buildings – Energy requirements for lighting – Part 1: Specifications, Module M9 (EN 15193-1:2017)
- zamijenjena s: HRN EN 15193-1:2021

HZN/TO 551, Gradnja

HRN EN 15643-1:2011 en
Održivost građevina – Ocjenjivanje održivosti zgrada – 1. dio: Opći okvir (EN 15643-1:2010)
Sustainability of construction works – Sustainability assessment of buildings – Part 1: General framework (EN 15643-1:2010)
- zamijenjena s: HRN EN 15643:2021

HRN EN 15643-2:2011 en
Održivost građevina – Ocjenjivanje zgrada – 2. dio: Okvir za ocjenjivanje svojstava s obzirom na okoliš (EN 15643-2:2011)
Sustainability of construction works – Assessment of buildings – Part 2: Framework for the assessment of environmental performance (EN 15643-2:2011)
- zamijenjena s: HRN EN 15643:2021

HRN EN 15643-3:2012 en
Održivost građevina – Ocjenjivanje zgrada – 3. dio: Okvir za ocjenjivanje društvenih svojstava (EN 15643-3:2012)
Sustainability of construction works – Assessment of buildings – Part 3: Framework for the assessment of social performance (EN 15643-3:2012)
- zamijenjena s: HRN EN 15643:2021

HRN EN 15643-4:2012 en
Održivost građevina – Ocjenjivanje zgrada – 4. dio: Okvir za ocjenjivanje ekonomskih svojstava (EN 15643-4:2012)
Sustainability of construction works – Assessment of buildings – Part 4: Framework for the assessment of economic performance (EN 15643-4:2012)
- zamijenjena s: HRN EN 15643:2021

HRN EN 15643-5:2017 en
Održivost građevina – Ocjenjivanje održivosti zgrada i inženjerskih građevina – 5. dio: Okvir za posebna načela i zahtjeve za inženjerske građevine (EN 15643-5:2017)
Sustainability of construction works – Sustainability assessment of buildings and civil engineering works – Part 5: Framework on specific principles and requirement for civil engineering works (EN 15643-5:2017)
- zamijenjena s: HRN EN 15643:2021

HZN/TO 553, Predgotovljeni proizvodi

HRN EN ISO 10545-15:2001 en
Keramičke pločice – 15. dio: Određivanje olova i kadmija koje izlučuju glazirane pločice (ISO 10545-15:1995; EN ISO 10545-15:1997)
Ceramic tiles – Part 15: Determination of lead and cadmium given off by glazed tiles (ISO 10545-15:1995; EN ISO 10545-15:1997)
- zamijenjena s: HRN EN ISO 10545-15:2021

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 10993-12:2012 en
Biološka procjena medicinskih proizvoda – 12. dio: Priprema uzoraka i referentni materijali (ISO 10993-12:2012; EN ISO 10993-12:2012)
Biological evaluation of medical devices – Part 12: Sample preparation and reference materials (ISO 10993-12:2012; EN ISO 10993-12:2012)
- zamijenjena s: HRN EN ISO 10993-12:2021

HRN EN ISO 14160:2011 en
Sterilizacija medicinskih proizvoda – Tekuća kemijska sredstva za sterilizaciju jednokratnih medicinskih proizvoda u kojima se upotrebljavaju životinjska tkiva i njihovi derivati – Zahtjevi za značajke, razvoj, vrednovanje i rutinsku kontrolu sterilizacijskih postupaka medicinskih sredstava (ISO 14160:2011; EN ISO 14160:2011)
Sterilization of health care products – Liquid chemical sterilizing agents for single-use medical devices utilizing animal tissues and their derivatives – Requirements for characterization, development, validation and routine control of a sterilization process for medical devices (ISO 14160:2011; EN ISO 14160:2011)
- zamijenjena s: HRN EN ISO 14160:2021

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 20743:2013 en
Tekstil – Određivanje antibakterijske aktivnosti tekstilnih proizvoda (ISO 20743:2013; EN ISO 20743:2013)
Textiles – Determination of antibacterial activity of textile products (ISO 20743:2013; EN ISO 20743:2013)
- zamijenjena s: HRN EN ISO 20743:2021

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

HRN EN ISO 407:2006 en
Male plinske boce za uporabu u medicini – Pin-indeksni priključci ventila sa stremenom (ISO 407:2004; EN ISO 407:2004)
Small medical gas cylinders – Pin-index yoke-type valve connections (ISO 407:2004; EN ISO 407:2004)
- zamijenjena s: HRN EN ISO 407:2021

HRN EN 13445-1:2014 en
Neložene tlačne posude – 1. dio: Općenito (EN 13445-1:2014, 4. izdanje 2017-07)
Unfired pressure vessels – Part 1: General (EN 13445-1:2014, Issue 4 2017-07)
- zamijenjena s: HRN EN 13445-1:2021

HRN EN 13445-1:2014/A2:2018 en
Neložene tlačne posude – 1. dio: Općenito (EN 13445-1:2014/A2:2018)
Unfired pressure vessels – Part 1: General (EN 13445-1:2014/A2:2018)
- zamijenjena s: HRN EN 13445-1:2021

HRN EN 13445-2:2014 en
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2014, 4. izdanje 2017-07)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2014, Issue 4 2017-07)
- zamijenjena s: HRN EN 13445-2:2021

HRN EN 13445-2:2014/A2:2018 en
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2014/A2:2018)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2014/A2:2018)
- zamijenjena s: HRN EN 13445-2:2021

HRN EN 13445-2:2014/A3:2018 en
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2014/A3:2018)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2014/A3:2018)
- zamijenjena s: HRN EN 13445-2:2021

HRN EN 13445-3:2014 en
Neložene tlačne posude – 3. dio: Projektiranje (EN 13445-3:2014, 4. izdanje 2017-07)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2014, Issue 4 2017-07)
- zamijenjena s: HRN EN 13445-3:2021

HRN EN 13445-3:2014/A3:2017 en
Neložene tlačne posude – 3. dio: Projektiranje (EN 13445-3:2014/A3:2017)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2014/A3:2017)
- zamijenjena s: HRN EN 13445-3:2021

HRN EN 13445-3:2014/A4:2018 en
Neložene tlačne posude – 3. dio: Projektiranje (EN 13445-3:2014/A4:2018)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2014/A4:2018)
- zamijenjena s: HRN EN 13445-3:2021

HRN EN 13445-3:2014/A5:2018 en
Neložene tlačne posude – 3. dio: Projektiranje (EN 13445-3:2014/A5:2018)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2014/A5:2018)
- zamijenjena s: HRN EN 13445-3:2021

HRN EN 13445-3:2014/A6:2019 en
Neložene tlačne posude – 3. dio: Projektiranje (EN 13445-3:2014/A6:2019)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2014/A6:2019)
- zamijenjena s: HRN EN 13445-3:2021

HRN EN 13445-3:2014/A7:2019 en
Neložene tlačne posude – 3. dio: Projektiranje (EN 13445-3:2014/A7:2019)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2014/A7:2019)
- zamijenjena s: HRN EN 13445-3:2021

HRN EN 13445-3:2014/A8:2019 en
Neložene tlačne posude – 3. dio: Projektiranje (EN 13445-3:2014/A8:2019)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2014/A8:2019)
- zamijenjena s: HRN EN 13445-3:2021

HRN EN 13445-4:2015 en
Neložene tlačne posude – 4. dio: Proizvodnja (EN 13445-4:2014, 4. izdanje 2017-07)
Unfired pressure vessels – Part 4: Fabrication (EN 13445-4:2014, Issue 4 2017-07)
- zamijenjena s: HRN EN 13445-4:2021

HRN EN 13445-5:2014 en
Neložene tlačne posude – 5. dio: Pregled i ispitivanje (EN 13445-5:2014, 4. izdanje 2017-07)
Unfired pressure vessels – Part 5: Inspection and testing (EN 13445-5:2014, Issue 4 2017-07)
- zamijenjena s: HRN EN 13445-5:2021

HRN EN 13445-5:2014/A1:2018 en
Neložene tlačne posude – 5. dio: Pregled i ispitivanje (EN 13445-5:2014/A1:2018)
Unfired pressure vessels – Part 5: Inspection and testing (EN 13445-5:2014/A1:2018)
- zamijenjena s: HRN EN 13445-5:2021

HRN EN 13445-6:2014 en

Neložene tlačne posude – 6. dio: Zahtjevi za projektiranje i proizvodnju tlačnih posuda i dijelova posuda izrađenih od nodularnog lijeva (EN 13445-6:2014, 4. izdanje 2017-07)
Unfired pressure vessels – Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron (EN 13445-6:2014, Issue 4 2017-07)
- zamijenjena s: HRN EN 13445-6:2021

HRN EN 13445-6:2014/A2:2018 en

Neložene tlačne posude – 6. dio: Zahtjevi za projektiranje i proizvodnju tlačnih posuda i dijelova posuda izrađenih od nodularnog lijeva (EN 13445-6:2014/A2:2018)
Unfired pressure vessels – Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron (EN 13445-6:2014/A2:2018)
- zamijenjena s: HRN EN 13445-6:2021

HRN EN 13445-8:2014 en

Neložene tlačne posude – 8. dio: Dodatni zahtjevi za tlačne posude od aluminija i aluminijevih legura (EN 13445-8:2014, 4. izdanje 2017-07)
Unfired pressure vessels – Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys (EN 13445-8:2014, Issue 4 2017-07)
- zamijenjena s: HRN EN 13445-8:2021

HRN EN 13445-10:2016 en

Neložene tlačne posude – 10. dio: Dodatni zahtjevi za tlačne posude od nikla i legura nikla (EN 13445-10:2016)
Unfired pressure vessels – Part 10: Additional requirements for pressure vessels of nickel and nickel alloys (EN 13445-10:2016)
- zamijenjena s: HRN EN 13445-10:2021

HRN EN ISO 14245:2019 en

Plinske boce – Specifikacije i ispitivanje ventila boca za UNP – Automatsko zatvaranje (ISO 14245:2019; EN ISO 14245:2019)
Gas cylinders – Specifications and testing of LPG cylinder valves – Self-closing (ISO 14245:2019; EN ISO 14245:2019)
- zamijenjena s: HRN EN ISO 14245:2021

HRN EN ISO 15245-1:2002 en

Plinske boce – Paralelni navoji za spajanje ventila i plinskih boca – 1. dio: Specifikacije (ISO 15245-1:2001; EN ISO 15245-1:2001)
Gas cylinders – Parallel threads for connection of valves to gas cylinders – Part 1: Specification (ISO 15245-1:2001; EN ISO 15245-1:2001)
- zamijenjena s: HRN EN ISO 15245-1:2021

HRN EN ISO 15245-1:2002/A1:2013 en

Plinske boce – Paralelni navoji za spajanje ventila i plinskih boca – 1. dio: Specifikacije (ISO 15245-1:2001/Amd 1:2013; EN ISO 15245-1:2001/A1:2013)
Gas cylinders – Parallel threads for connection of valves to gas cylinders – Part 1: Specification (ISO 15245-1:2001/Amd 1:2013; EN ISO 15245-1:2001/A1:2013)
- zamijenjena s: HRN EN ISO 15245-1:2021

HRN EN ISO 15995:2019 en

Plinske boce – Specifikacije i ispitivanje ventila boca za UNP – Ručno pokretani ventili (ISO 15995:2019; EN ISO 15995:2019)
Gas cylinders – Specifications and testing of LPG cylinder valves – Manually operated (ISO 15995:2019; EN ISO 15995:2019)
- zamijenjena s: HRN EN ISO 15995:2021

HZN/TO 569, Hrana za životinje

HRN ISO 6651:2004 en

Stočna hrana – Semi kvantitativno određivanje aflatoksina B1 – Metode tankoslojne kromatografije (ISO 6651:2001)
Animal feeding stuffs – Semi-quantitative determination of aflatoxin B1 – Thin-layer chromatographic methods (ISO 6651:2001)
- bez zamjene

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

HRN EN 957-2:2005 en

Oprema za vježbanje – 2. dio: Oprema za jačanje, dodatni posebni sigurnosni zahtjevi i metode ispitivanja (EN 957-2:2003)
Stationary training equipment – Part 2: Strength training equipment, additional specific safety requirements and test methods (EN 957-2:2003)
- zamijenjena s: HRN EN ISO 20957-2:2021

HRN EN 957-7:2005 en

Oprema za vježbanje – 7. dio: Veslački uređaji, dodatni posebni sigurnosni zahtjevi i metode ispitivanja (EN 957-7:1998)
Stationary training equipment – Part 7: Rowing machines, additional specific safety requirements and test methods (EN 957-7:1998)
- zamijenjena s: HRN EN ISO 20957-7:2021

HZN/TO 572, Kruta oporabljena goriva

HRN EN 15400:2011 en

Kruta oporabljena goriva – Određivanje ogrijevne vrijednosti (EN 15400:2011)
Solid recovered fuels – Determination of calorific value (EN 15400:2011)
- zamijenjena s: HRN EN ISO 21654:2021

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

HRN EN ISO 12404:2015 en

Kvaliteta tla – Upute za odabir i primjenu metoda provjere (ISO 12404:2011; EN ISO 12404:2015)
Soil quality – Guidance on the selection and application of screening methods (ISO 12404:2011; EN ISO 12404:2015)
- zamijenjena s: HRN EN ISO 12404:2021

HRN EN 15192:2008 en

Karakterizacija otpada – Određivanje kroma(VI) u čvrstim materijalima lužnatom digestijom i ionskom kromatografijom sa spektrometrijskim određivanjem (EN 15192:2006)
Characterisation of waste and soil – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection (EN 15192:2006)
- zamijenjena s: HRN EN ISO 15192:2021

HRN EN 16123:2013 en

Karakterizacija otpada – Upute za izbor i primjenu metoda promatranja (EN 16123:2013)
Characterization of waste – Guidance on selection and application of screening methods (EN 16123:2013)
- zamijenjena s: HRN EN ISO 12404:2021

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

HRN EN 62052-11:2008/A1:2017/Ispr.1:2018 en

Električna brojila za izmjeničnu struju – Opći zahtjevi, ispitivanja i ispitni uvjeti – 11. dio: Mjerna oprema (IEC 62052-11:2003/am1:2016/Corr.1:2018; EN 62052-11:2003/A1:2017/AC:2018)
Electricity metering equipment (AC) – General requirements, tests and test conditions – Part 11: Metering equipment (IEC 62052-11:2003/am1:2016/Corr.1:2018; EN 62052-11:2003/A1:2017/AC:2018)
- zamijenjena s: HRN EN IEC 62052-11:2021

HRN EN 62053-21:2008/A1:2017/Ispr.1:2018 en

Električna brojila za izmjeničnu struju – Posebni zahtjevi – 21. dio: Statička brojila djelatne energije (razreda 1 i 2) (IEC 62053-21:2003/am1:2016/Corr.1:2018; EN 62053-21:2003/A1:2017/AC:2018)
Electricity metering equipment (a.c.) – Particular requirements – Part 21: Static meters for active energy (classes 1 and 2) (IEC 62053-21:2003/am1:2016/Corr.1:2018; EN 62053-21:2003/A1:2017/AC:2018)
- zamijenjena s: HRN EN IEC 62053-21:2021

HRN EN 62053-22:2008/A1:2017/Ispr.1:2018 en

Električna brojila za izmjeničnu struju – Posebni zahtjevi – 22. dio: Statička brojila djelatne energije (razreda 0,2 S i 0,5 S) (IEC 62053-22:2003/am1:2016/Corr.1:2018; EN 62053-22:2003/A1:2017/AC:2018)
Electricity metering equipment (a.c.) – Particular requirements – Part 22: Static meters for active energy (classes 0,2 S and 0,5 S) (IEC 62053-22:2003/am1:2016/Corr.1:2018; EN 62053-22:2003/A1:2017/AC:2018)
- zamijenjena s: HRN EN IEC 62053-22:2021

HRN EN 62053-23:2008/A1:2017/Ispr.1:2018 en

Električna brojila za izmjeničnu struju – Posebni zahtjevi – 23. dio: Statička brojila jalove energije (razreda 2 i 3) (IEC 62053-23:2003/am1:2016/Corr.1:2018; EN 62053-23:2003/A1:2017/AC:2018)
Electricity metering equipment (a.c.) – Particular requirements – Part 23: Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2003/am1:2016/Corr.1:2018; EN 62053-23:2003/A1:2017/AC:2018)
- zamijenjena s: HRN EN IEC 62053-23:2021

HRN EN 62053-24:2015/A1:2017/Isp.1:2018 en
Električna brojila za izmjeničnu struju – Posebni zahtjevi – 24. dio: Statička brojila jalove energije osnovne frekvencije (razreda 0,5 S, 1S i 1) (IEC 62053-24:2014/am1:2016/Corr.1:2018; EN 62053-24:2015/A1:2017/AC:2018)
Electricity metering equipment (a.c.) – Particular requirements – Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1) (IEC 62053-24:2014/am1:2016/Corr.1:2018; EN 62053-24:2015/A1:2017/AC:2018)
- zamijenjena s: HRN EN IEC 62053-24:2021

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60601-2-2:2010 en
Medicinski električni uređaji – Dio 2-2: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke visokofrekvencijskih kirurških uređaja i visokofrekvencijskih kirurških pribora (IEC 60601-2-2:2009; EN 60601-2-2:2009)
Medical electrical equipment – Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (IEC 60601-2-2:2009; EN 60601-2-2:2009)
- zamijenjena s: HRN EN IEC 60601-2-2:2018

HRN EN 60601-2-2:2010/A11:2012 en
Medicinski električni uređaji – Dio 2-2: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke visokofrekvencijskih kirurških uređaja i visokofrekvencijskih kirurških pribora (EN 60601-2-2:2009/A11:2011)
Medical electrical equipment – Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (EN 60601-2-2:2009/A11:2011)
- zamijenjena s: HRN EN IEC 60601-2-2:2018

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

HRN EN 62714-1:2015 en
Format razmjene tehničkih podataka za uporabu u upravljanju industrijskim automatizacijskim sustavima – 1. dio: Arhitektura i opći zahtjevi (IEC 62714-1:2014; EN 62714-1:2014)
Engineering data exchange format for use in industrial automation systems engineering – Part 1: Architecture and General Requirements (IEC 62714-1:2014; EN 62714-1:2014)
- zamijenjena s: HRN EN IEC 62714-1:2018

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

HRN EN 60730-2-13:2008 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-13: Posebni zahtjevi za električne regulatore vlažnosti (IEC 60730-2-13:2006, MOD; EN 60730-2-13:2008)
Automatic electrical controls for household and similar use – Part 2-13: Particular requirements for humidity sensing controls (IEC 60730-2-13:2006, MOD; EN 60730-2-13:2008)
- zamijenjena s: HRN EN IEC 60730-2-13:2018

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

HRN EN 61162-450:2011 en
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalna sučelja – 450. dio: Više govornika i više slušatelja – Ethernet interkonekcija (IEC 61162-450:2011; EN 61162-450:2011)
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 450: Multiple talkers and multiple listeners – Ethernet interconnection (IEC 61162-450:2011; EN 61162-450:2011)
- zamijenjena s: HRN EN IEC 61162-450:2018

HRN EN 61162-450:2011/A1:2016 en
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalna sučelja – 450. dio: Više govornika i više slušatelja – Ethernet interkonekcija (IEC 61162-450:2011/am1:2016; EN 61162-450:2011/A1:2016)
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 450: Multiple talkers and multiple listeners – Ethernet interconnection (IEC 61162-450:2011/am1:2016; EN 61162-450:2011/A1:2016)
- zamijenjena s: HRN EN IEC 61162-450:2018

HRN EN 61162-460:2015 en
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalno sučelje – 460. dio: Više govornika i više slušatelja – Ethernet povezivanje – Sigurnost i zaštita (IEC 61162-460:2015; EN 61162-460:2015)
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 460: Multiple talkers and multiple listeners – Ethernet interconnection – Safety and security (IEC 61162-460:2015; EN 61162-460:2015)
- zamijenjena s: HRN EN IEC 61162-460:2018

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

HRN EN 60268-3:2014 en
Oprema audiosustava – 3. dio: Pojačala (IEC 60268-3:2013; EN 60268-3:2013)
Sound system equipment – Part 3: Amplifiers (IEC 60268-3:2013; EN 60268-3:2013)
- zamijenjena s: HRN EN IEC 60268-3:2018

HRN EN 62106:2015 en
Specifikacija radiopodatkovnog sustava (RDS, Radio Data System) za VV/FM radiodifuziju zvuka u frekvencijskom području od 87,5 do 108,0 MHz (IEC 62106:2015; EN 62106:2015)
Specification of the Radio Data System (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz (IEC 62106:2015; EN 62106:2015)
- bez zamjene

HRN EN 62680-1-2:2018 en
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-2: Opći dijelovi – Specifikacija USB-a za isporuku energije (IEC 62680-1-2:2017; EN 62680-1-2:2017)
Universal Serial Bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery Specification (TA14) (IEC 62680-1-2:2017; EN 62680-1-2:2017)
- zamijenjena s: HRN EN IEC 62680-1-2:2018

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

HRN IEC 60250:2005 en
Preporučene metode za određivanje permitivnosti i faktora dielektričnih gubitaka električnih izolacijskih materijala kod energetske, audio i radio frekvencija uključujući područje metarskih dužina vala (IEC 60250:1969)
Recommended methods for the determination of the permittivity and dielectric dissipation factor of electrical insulating materials at power, audio and radio frequencies including metre wavelengths (IEC 60250:1969)
- zamijenjena s: HRN EN IEC 62631-2-1:2018

HRN IEC/TS 61244-1:2005 en
Određivanje dugotrajnog starenja polimera radijacijom – 1. dio: Postupci praćenja oksidacije kod ograničene difuzije kisika (IEC/TS 61244-1:1993)
Determination of long-term radiation ageing in polymers – Part 1: Techniques for monitoring diffusion-limited oxidation (IEC/TS 61244-1:1993)
- zamijenjena s: HRS IEC/TS 61244-1:2021

HRN IEC/TS 61244-2:2005 en
Određivanje dugotrajnog starenja polimera radijacijom – 2. dio: Postupci predviđanje starenja pri niskim dozama radijacije (IEC/TS 61244-2:1996)
Determination of long term radiation ageing in polymers – Part 2: Procedures for predicting ageing at low dose rates (IEC/TS 61244-2:1996)
- zamijenjena s: HRS IEC/TS 61244-2:2021

HRN IEC/TS 61244-3:2005 en
Dugotrajno starenje polimera radijacijom – 3. dio: Postupci nadgledanja tijekom rada niskonaponskih kablskih materijala (IEC/TS 61244-3:1998)
Long-term radiation ageing in polymers – Part 3: Procedures for in-service monitoring of low-voltage cable materials (IEC/TS 61244-3:1998)
- bez zamjene

HRN IEC/TR2 61359:2002 en
Procjena i prepoznavanje električnih izolacijskih sustava – Procjena utjecaja na okoliš (IEC/TR2 61359:1995)
Evaluation and identification of electric insulation systems – Environment evaluation (IEC/TR2 61359:1995)
- zamijenjena s: HRN EN 60505:2005

HZN/TO E501, *Elektroakustika i ultrazvuk*

- HRN EN 61265:1998 en
Elektroakustika – Instrumenti za mjerenje buke zrakoplova – Radni zahtjevi sustava za mjerenje razina zvučnoga tlaka s pojasom jedne trećine oktave pri potvrđivanju zrakoplova transportne kategorije (IEC 61265:1995; EN 61265:1995)
Electroacoustics – Instruments for measurement of aircraft noise – Performance requirements for systems to measure one-third-octave-band sound pressure levels in noise certification of transport-category aeroplanes (IEC 61265:1995; EN 61265:1995)
- zamijenjena s: HRN EN IEC 61265:2018

HZN/TO E502, *Elektrotehnički aspekti telekomunikacijske opreme*

- HRN EN 50173-1:2012 en
Informacijska tehnologija – Generički sustavi kabliranja – 1. dio: Opći zahtjevi (EN 50173-1:2011)
Information technology – Generic cabling systems – Part 1: General requirements (EN 50173-1:2011)
- zamijenjena s: HRN EN 50173-1:2018
- HRN EN 50173-2:2008 en
Informacijska tehnologija – Generički sustavi kabliranja – 2. dio: Uredski prostori (EN 50173-2:2007)
Information technology – Generic cabling systems – Part 2: Office premises (EN 50173-2:2007)
- zamijenjena s: HRN EN 50173-2:2018
- HRN EN 50173-2:2008/A1:2011 en
Informacijska tehnologija – Generički sustavi kabliranja – 2. dio: Uredski prostori (EN 50173-2:2007/A1:2010)
Information technology – Generic cabling systems – Part 2: Office premises (EN 50173-2:2007/A1:2010)
- zamijenjena s: HRN EN 50173-2:2018
- HRN EN 50173-2:2008/A1:2011/Ispr.1:2011 en
Informacijska tehnologija – Generički sustavi kabliranja – 2. dio: Uredski prostori (EN 50173-2:2007/A1:2010/AC:2011)
Information technology – Generic cabling systems – Part 2: Office premises (EN 50173-2:2007/A1:2010/AC:2011)
- zamijenjena s: HRN EN 50173-2:2018
- HRN EN 50173-3:2008 en
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Industrijski prostori (EN 50173-3:2007)
Information technology – Generic cabling systems – Part 3: Industrial premises (EN 50173-3:2007)
- zamijenjena s: HRN EN 50173-3:2018
- HRN EN 50173-3:2008/A1:2011 en
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Industrijski prostori (EN 50173-3:2007/A1:2010)
Information technology – Generic cabling systems – Part 3: Industrial premises (EN 50173-3:2007/A1:2010)
- zamijenjena s: HRN EN 50173-3:2018
- HRN EN 50173-4:2008 en
Informacijska tehnologija – Generički sustavi kabliranja – 4. dio: Stambeni prostori (EN 50173-4:2007)
Information technology – Generic cabling systems – Part 4: Homes (EN 50173-4:2007)
- zamijenjena s: HRN EN 50173-4:2018
- HRN EN 50173-4:2008/A1:2011 en
Informacijska tehnologija – Generički sustavi kabliranja – 4. dio: Stambeni prostori (EN 50173-4:2007/A1:2010)
Information technology – Generic cabling systems – Part 4: Homes (EN 50173-4:2007/A1:2010)
- zamijenjena s: HRN EN 50173-4:2018
- HRN EN 50173-4:2008/A1:2011/Ispr.1:2011 en
Informacijska tehnologija – Generički sustavi kabliranja – 4. dio: Stambeni prostori (EN 50173-4:2007/A1:2010/AC:2011)
Information technology – Generic cabling systems – Part 4: Homes (EN 50173-4:2007/A1:2010/AC:2011)
- zamijenjena s: HRN EN 50173-4:2018
- HRN EN 50173-4:2008/A2:2013 en
Informacijska tehnologija – Generički sustavi kabliranja – 4. dio: Stambeni prostori (EN 50173-4:2007/A2:2012)
Information technology – Generic cabling systems – Part 4: Homes (EN 50173-4:2007/A2:2012)
- zamijenjena s: HRN EN 50173-4:2018

- HRN EN 50173-5:2008 en
Informacijska tehnologija – Generički sustavi kabliranja – 5. dio: Podatkovni centri (EN 50173-5:2007)
Information technology – Generic cabling systems – Part 5: Data centres (EN 50173-5:2007)
- zamijenjena s: HRN EN 50173-5:2018
- HRN EN 50173-5:2008/A1:2011 en
Informacijska tehnologija – Generički sustavi kabliranja – 5. dio: Podatkovni centri (EN 50173-5:2007/A1:2010)
Information technology – Generic cabling systems – Part 5: Data centres (EN 50173-5:2007/A1:2010)
- zamijenjena s: HRN EN 50173-5:2018
- HRN EN 50173-5:2008/A1:2011/Ispr.1:2011 en
Informacijska tehnologija – Generički sustavi kabliranja – 5. dio: Podatkovni centri (EN 50173-5:2007/A1:2010/AC:2011)
Information technology – Generic cabling systems – Part 5: Data centres (EN 50173-5:2007/A1:2010/AC:2011)
- zamijenjena s: HRN EN 50173-5:2018
- HRN EN 50173-5:2008/A2:2013 en
Informacijska tehnologija – Generički sustavi kabliranja – 5. dio: Podatkovni centri (EN 50173-5:2007/A2:2012)
Information technology – Generic cabling systems – Part 5: Data centres (EN 50173-5:2007/A2:2012)
- zamijenjena s: HRN EN 50173-5:2018
- HRN EN 50173-6:2013 en
Informacijska tehnologija – Generički sustavi kabliranja – 6. dio: Distribuirani servisi u zgradi (EN 50173-6:2013)
Information technology – Generic cabling systems – Part 6: Distributed building services (EN 50173-6:2013)
- zamijenjena s: HRN EN 50173-6:2018
- HRN EN 50174-1:2010 en
Informacijska tehnologija – Instalacija kabliranja – 1. dio: Specifikacija instalacije i osiguranje kvalitete (EN 50174-1:2009)
Information technology – Cabling installation – Part 1: Installation specification and quality assurance (EN 50174-1:2009)
- zamijenjena s: HRN EN 50174-1:2018
- HRN EN 50174-1:2010/A1:2011 en
Informacijska tehnologija – Instalacija kabliranja – 1. dio: Specifikacija instalacije i osiguranje kvalitete (EN 50174-1:2009/A1:2011)
Information technology – Cabling installation – Part 1: Installation specification and quality assurance (EN 50174-1:2009/A1:2011)
- zamijenjena s: HRN EN 50174-1:2018
- HRN EN 50174-1:2010/A2:2016 en
Informacijska tehnologija – Instalacija kabliranja – 1. dio: Specifikacija instalacije i osiguranje kvalitete (EN 50174-1:2009/A2:2014)
Information technology – Cabling installation – Part 1: Installation specification and quality assurance (EN 50174-1:2009/A2:2014)
- zamijenjena s: HRN EN 50174-1:2018
- HRN EN 50174-2:2010 en
Informacijska tehnologija – Instalacija kabliranja – 2. dio: Planiranje instalacije i instalacijska praksa unutar zgrada (EN 50174-2:2009)
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings (EN 50174-2:2009)
- zamijenjena s: HRN EN 50174-2:2018
- HRN EN 50174-2:2010/A1:2011 en
Informacijska tehnologija – Instalacija kabliranja – 2. dio: Planiranje instalacije i instalacijska praksa unutar zgrada (EN 50174-2:2009/A1:2011)
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings (EN 50174-2:2009/A1:2011)
- zamijenjena s: HRN EN 50174-2:2018
- HRN EN 50174-2:2010/A1:2011/Ispr.1:2011 en
Informacijska tehnologija – Instalacija kabliranja – 2. dio: Planiranje instalacije i instalacijska praksa unutar zgrada (EN 50174-2:2009/A1:2011/AC:2011)
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings (EN 50174-2:2009/A1:2011/AC:2011)
- zamijenjena s: HRN EN 50174-2:2018
- HRN EN 50174-2:2010/A2:2015 en
Informacijska tehnologija – Instalacija kabliranja – 2. dio: Planiranje instalacije i instalacijska praksa unutar zgrada (EN 50174-2:2009/A2:2014)
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings (EN 50174-2:2009/A2:2014)
- zamijenjena s: HRN EN 50174-2:2018

HZN/TO Z1, Informacijska tehnologija

HRN ISO/IEC 2382-36:2016 en,fr
Informacijska tehnologija – Rječnik – 36. dio: Učenje, obrazovanje i osposobljavanje (ISO/IEC 2382-36:2013)
Information technology – Vocabulary – Part 36: Learning; education and training (ISO/IEC 2382-36:2013)
- zamijenjena s: HRN ISO/IEC 2382-36:2021

HRN ISO/IEC 9594-8:2017 en
Informacijska tehnologija – Međusobno povezivanje otvorenih sustava – Imenik – 8. dio: Okviri certifikata javnog ključa i atributnog certifikata (ISO/IEC 9594-8:2017)
Information technology – Open Systems Interconnection – The Directory – Part 8: Public-key and attribute certificate frameworks (ISO/IEC 9594-8:2017)
- zamijenjena s: HRN ISO/IEC 9594-8:2021

HRN ISO/IEC 10180:2008 en
Informacijska tehnologija – Jezici za obradu – Standardni jezik za opis stranice (SPDL) (ISO/IEC 10180:1995)
Information technology – Processing languages – Standard Page Description Language (SPDL) (ISO/IEC 10180:1995)
- bez zamjene

HRN ISO/IEC 10180:2008/Ispr.1:2014 en
Informacijska tehnologija – Jezici za obradu – Standardni jezik za opis stranice (SPDL) (ISO/IEC 10180:1995/Cor 1:2001)
Information technology – Processing languages – Standard Page Description Language (SPDL) (ISO/IEC 10180:1995/Cor 1:2001)
- bez zamjene

HRN ISO/IEC 11770-5:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 5. dio: Skupno upravljanje ključem (ISO/IEC 11770-5:2011)
Information technology – Security techniques – Key management – Part 5: Group key management (ISO/IEC 11770-5:2011)
- zamijenjena s: HRN ISO/IEC 11770-5:2021

HRN ISO/IEC 14598-5:2008 en
Informacijska tehnologija – Vrednovanje proizvoda programske podrške – 5. dio: Postupak za procjenitelje (ISO/IEC 14598-5:1998)
Information technology – Software product evaluation – Part 5: Process for evaluators (ISO/IEC 14598-5:1998)
- bez zamjene

HRN ISO/IEC 18032:2008 en
Informacijska tehnologija – Sigurnosne tehnike – Stvaranje prostoga broja (ISO/IEC 18032:2005)
Information technology – Security techniques – Prime number generation (ISO/IEC 18032:2005)
- zamijenjena s: HRN ISO/IEC 18032:2021

HRN ISO/IEC 24760-1:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Okvir za upravljanje identitetom – 1. dio: Terminologija (nazivlje) i koncepcija (ISO/IEC 24760-1:2011)
Information technology – Security techniques – A framework for identity management – Part 1: Terminology and concepts (ISO/IEC 24760-1:2011)
- zamijenjena s: HRN ISO/IEC 24760-1:2021

HRN ISO/IEC 27007:2017 en
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za audit sustava upravljanja informacijskom sigurnošću (ISO/IEC 27007:2017)
Information technology – Security techniques – Guidelines for information security management systems auditing (ISO/IEC 27007:2017)
- zamijenjena s: HRN ISO/IEC 27007:2021

HRN ISO/IEC 29192-2:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Laka kriptografija – 2. dio: Enkripcija bloka podataka (ISO/IEC 29192-2:2012)
Information technology – Security techniques – Lightweight cryptography – Part 2: Block ciphers (ISO/IEC 29192-2:2012)
- zamijenjena s: HRN ISO/IEC 29192-2:2021

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

HRN EN 16094:2013 en
Laminatne podne obloge – Ispitna metoda za određivanje otpornosti na grebanje (EN 16094:2012)
Laminate floor coverings – Test method for the determination of micro-scratch resistance (EN 16094:2012)
- zamijenjena s: HRN EN 16094:2021

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

HRN EN ISO 6321:2004 en
Životinjske i biljne masti i ulja – Određivanje točke topljenja u otvorenim kapilarama (točka klizanja) (ISO 6321:2002; EN ISO 6321:2002)
Animal and vegetable fats and oils – Determination of melting point in open capillary tubes (slip point) (ISO 6321:2002; EN ISO 6321:2002)
- zamijenjena s: HRN EN ISO 6321:2021

HRN EN ISO 28199-2:2010 en
Boje i lakovi – Procjena svojstava prekrivnih sustava s obzirom na postupak nanošenja – 2. dio: Postojanost boje, pokrivna moć procesa, ponovno otapanje, apsorpcija viška prskane boje, kvašenje, površinska tekstura i prošaranost (ISO 28199-2:2009; EN ISO 28199-2:2009)
Paints and varnishes – Evaluation of properties of coating systems related to the application process – Part 2: Colour stability, process hiding power, re-dissolving, overspray absorption, wetting, surface texture and mottling (ISO 28199-2:2009; EN ISO 28199-2:2009)
- zamijenjena s: HRN EN ISO 28199-2:2021

HRN EN ISO 28199-3:2010 en
Boje i lakovi – Procjena svojstava prekrivnih sustava s obzirom na postupak nanošenja – 3. dio: Vizualno ocjenjivanje sposobnosti nastajanja curaka, mjehurića, rupičastih oštećenja i pokrivne moći (ISO 28199-3:2009; EN ISO 28199-3:2009)
Paints and varnishes – Evaluation of properties of coating systems related to the application process – Part 3: Visual assessment of sagging, formation of bubbles, pinholing and hiding power (ISO 28199-3:2009; EN ISO 28199-3:2009)
- zamijenjena s: HRN EN ISO 28199-3:2021

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

HRN EN ISO 3630-3:2015 en
Stomatologija – Endodontski instrumenti – 3. dio: Kompaktori: nabijači i proširivači (ISO 3630-3:2015; EN ISO 3630-3:2015)
Dentistry – Endodontic instruments – Part 3: Compactors: pluggers and spreaders (ISO 3630-3:2015; EN ISO 3630-3:2015)
- zamijenjena s: HRN EN ISO 3630-3:2021

HRN EN ISO 11199-1:2008 en
Dvoručna pomagala za hodanje – Zahtjevi i metode ispitivanja – 1. dio: Hodalice (ISO 11199-1:1999; EN ISO 11199-1:1999)
Walking aids manipulated by both arms – Requirements and test methods – Part 1: Walking frames (ISO 11199-1:1999; EN ISO 11199-1:1999)
- zamijenjena s: HRN EN ISO 11199-1:2021

HRN EN ISO 22413:2013 en
Pribor za prijenos farmaceutskih pripravaka – Zahtjevi i metode ispitivanja (ISO 22413:2010; EN ISO 22413:2013)
Transfer sets for pharmaceutical preparations – Requirements and test methods (ISO 22413:2010; EN ISO 22413:2013)
- zamijenjena s: HRN EN ISO 22413:2021

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

HRN EN 2854-003:2011 en
Nizovi o zrakoplovstvu – Kabeli, električni za opću uporabu – Poprečni presjek jednak ili veći od 9 mm² – Radna temperatura između – 55 °C i 260 °C – 003. dio: Norma za proizvod (EN 2854-003:2009)
Aerospace series – Cables, electrical for general purpose – Cross sections equal to and greater than 9 mm² – Operating temperatures between – 55 °C and 260 °C – Part 003: Product standard (EN 2854-003:2009)
- zamijenjena s: HRN EN 2854-003:2021

HRN EN 4700-002:2016 en
Zrakoplovstvo – Čelik i legure otporne na toplinu – Gnječeni proizvodi – Tehnička specifikacija – Dio 002: Šipke i profili (EN 4700-002:2016)
Aerospace series – Steel and heat resisting alloys – Wrought products – Technical specification – Part 002: Bar and section (EN 4700-002:2016)
- zamijenjena s: HRN EN 4700-002:2021

HZN/TU V1, Elektronika 1

HRN EN 50289-1-13:2008 en
Communication cables – Specifications for test methods – Part 1-13: Electrical test methods – Coupling attenuation or screening attenuation of patch cords / coaxial cable assemblies / pre-connectorised cables (EN 50289-1-13:2004)
- bez zamjene

- HRN EN 50289-1-14:2008 en
Communication cables – Specifications for test methods – Part 1-14: Electrical test methods – Coupling attenuation or screening attenuation of connecting hardware (EN 50289-1-14:2004)
- bez zamjene
- HRN EN 50289-1-15:2008 en
Communication cables – Specifications for test methods – Part 1-15: Electromagnetic performance – Coupling attenuation of links and channels (Laboratory conditions) (EN 50289-1-15:2004)
- bez zamjene
- HRN EN 50289-1-16:2008 en
Communication cables – Specifications for test methods – Part 1-16: Electromagnetic performance – Coupling attenuation of cable assemblies (Field conditions) (EN 50289-1-16:2007)
- bez zamjene
- HRN EN 50599:2014 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with EN 50173-4 – Screened straight patch cords and straight work area cords for class D applications – Detail specification (EN 50599:2014)
- bez zamjene
- HRN EN 50601:2015 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with EN 50173-4 – Unscreened straight patch cords and straight work area cords for class D applications – Detail specification (EN 50601:2014)
- bez zamjene
- HRN EN 50602:2014 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with EN 50173-4 – Unscreened straight patch cords and straight work area cords for class E applications – Detail specification (EN 50602:2014)
- bez zamjene
- HRN EN 50603:2015 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with EN 50173-4 – Screened straight patch cords and straight work area cords for class E applications – Detail specification (EN 50603:2014)
- bez zamjene
- HRN EN 60286-5:2008 en
Packaging of components for automatic handling – Part 5: Matrix trays (IEC 60286-5:2003; EN 60286-5:2004)
- zamijenjena s: HRN EN IEC 60286-5:2018
- HRN EN 60286-5:2008/A1:2009 en
Packaging of components for automatic handling – Part 5: Matrix trays (IEC 60286-5:2003/am1:2009; EN 60286-5:2004/A1:2009)
- zamijenjena s: HRN EN IEC 60286-5:2018
- HRN EN 60384-26:2011 en
Fixed capacitors for use in electronic equipment – Part 26: Sectional specification – Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (IEC 60384-26:2010; EN 60384-26:2010)
- zamijenjena s: HRN EN IEC 60384-26:2018
- HRN EN 60749-13:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 13: Salt atmosphere (IEC 60749-13:2002; EN 60749-13:2002)
- zamijenjena s: HRN EN IEC 60749-13:2018
- HRN EN 61010-2-020:2008 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-020: Posebni zahtjevi za laboratorijske centrifuge (IEC 61010-2-020:2006; EN 61010-2-020:2006)
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-020: Particular requirements for laboratory centrifuges (IEC 61010-2-020:2006; EN 61010-2-020:2006)
- zamijenjena s: HRN EN 61010-2-020:2017
- HRN EN 61010-2-040:2008 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-040: Posebni zahtjevi za sterilizatore i perilice za raskuživanje koje se koriste (upotrebljavaju) za obradu medicinskih tvari (IEC 61010-2-040:2005; EN 61010-2-040:2005)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials (IEC 61010-2-040:2005; EN 61010-2-040:2005)
- zamijenjena s: HRN EN 61010-2-040:2015
- HRN EN 61010-2-101:2004 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-101: Posebni zahtjevi za in vitro dijagnostičku (IVD) medicinsku opremu (IEC 61010-2-101:2002, preinačena; EN 61010-2-101:2002)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-101: Particular requirements for in vitro diagnostic (IVD) medical equipment (IEC 61010-2-101:2002, modified; EN 61010-2-101:2002)
- zamijenjena s: HRN EN 61010-2-101:2017
- HRN EN 61010-031:2002 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 031: Sigurnosni zahtjevi za ručne sonde za električna mjerenja i ispitivanja (IEC 61010-031:2002; EN 61010-031:2002)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test (IEC 61010-031:2002; EN 61010-031:2002)
- zamijenjena s: HRN EN 61010-031:2015
- HRN EN 61010-031:2002/A1:2008 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 031: Sigurnosni zahtjevi za ručne sonde za električna mjerenja i ispitivanja (IEC 61010-031:2002/am1:2008; EN 61010-031:2002/A1:2008)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test (IEC 61010-031:2002/am1:2008; EN 61010-031:2002/A1:2008)
- zamijenjena s: HRN EN 61010-031:2015
- HRN EN 61290-4-3:2015 en
Optical amplifiers – Test methods – Part 4-3: Power transient parameters – Single channel optical amplifiers in output power control (IEC 61290-4-3:2015; EN 61290-4-3:2015)
- zamijenjena s: HRN EN IEC 61290-4-3:2018
- HRN EN 61291-1:2014 en
Optical amplifiers – Part 1: Generic specification (IEC 61291-1:2012; EN 61291-1:2012)
- zamijenjena s: HRN EN IEC 61291-1:2018
- HRN EN 61646:2009 en
Thin-film terrestrial photovoltaic (PV) modules – Design qualification and type approval (IEC 61646:2008; EN 61646:2008)
- zamijenjena s: HRN EN 61215-1-2:2017, HRN EN 61215-1-3:2017, HRN EN 61215-1-4:2017, HRN EN 61215-2:2017
- HRN EN 61724:2008 en
Photovoltaic system performance monitoring – Guidelines for measurement, data exchange and analysis (IEC 61724:1998; EN 61724:1998)
- zamijenjena s: HRN EN 61724-1:2017
- HRN EN 61730-1:2008 en
Svojstvo sigurnosti fotonaponskog modula – 1. dio: Zahtjevi za konstrukciju (izgradnju) (IEC 61730-1:2004, MOD; EN 61730-1:2007)
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (IEC 61730-1:2004, MOD; EN 61730-1:2007)
- zamijenjena s: HRN EN IEC 61730-1:2018
- HRN EN 61730-1:2008/A11:2015 en
Svojstvo sigurnosti fotonaponskog modula – 1. dio: Zahtjevi za konstrukciju (izgradnju) (EN 61730-1:2007/A11:2014)
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (EN 61730-1:2007/A11:2014)
- zamijenjena s: HRN EN IEC 61730-1:2018

HRN EN 61730-1:2008/A1:2012 en
Svojstvo sigurnosti fotonaponskog modula – 1. dio: Zahtjevi za konstrukciju (izgradnju) (IEC 61730-1:2004/am1:2011; EN 61730-1:2007/A1:2012)
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (IEC 61730-1:2004/am1:2011; EN 61730-1:2007/A1:2012)
- zamijenjena s: HRN EN IEC 61730-1:2018

HRN EN 61730-1:2008/A2:2013 en
Svojstvo sigurnosti fotonaponskog modula – 1. dio: Zahtjevi za konstrukciju (izgradnju) (IEC 61730-1:2004/am2:2013; EN 61730-1:2007/A2:2013)
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (IEC 61730-1:2004/am2:2013; EN 61730-1:2007/A2:2013)
- zamijenjena s: HRN EN IEC 61730-1:2018

HRN EN 61730-2:2008 en
Svojstvo sigurnosti fotonaponskog modula – 2. dio: Zahtjevi za ispitivanje (IEC 61730-2:2004, MOD; EN 61730-2:2007)
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing (IEC 61730-2:2004, MOD; EN 61730-2:2007)
- zamijenjena s: HRN EN IEC 61730-2:2018

HRN EN 61730-2:2008/A1:2012 en
Svojstvo sigurnosti fotonaponskog modula – 2. dio: Zahtjevi za ispitivanje (IEC 61730-2:2004/am1:2011; EN 61730-2:2007/A1:2012)
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing (IEC 61730-2:2004/am1:2011; EN 61730-2:2007/A1:2012)
- zamijenjena s: HRN EN IEC 61730-2:2018

HRN EN 61754-7:2009 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 7: Type MPO connector family (IEC 61754-7:2008; EN 61754-7:2008)
- zamijenjena s: HRN EN 61754-7-1:2015

HRN EN 61837-2:2012 en
Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 2: Ceramic enclosures (IEC 61837-2:2011; EN 61837-2:2011)
- zamijenjena s: HRN EN IEC 61837-2:2018

HRN EN 61837-2:2012/A1:2014 en
Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 2: Ceramic enclosures (IEC 61837-2:2011/am1:2014; EN 61837-2:2011/A1:2014)
- zamijenjena s: HRN EN IEC 61837-2:2018

HRN EN 61967-4:2008/Ispr.1:2014 en
Integrated circuits – Measurement of electromagnetic emissions, 150 kHz to 1 GHz – Part 4: Measurement of conducted emissions – 1 ohm/150 ohm direct coupling method (EN 61967-4:2002/A1:2006/AC:2006)
- zamijenjena s: HRN EN IEC 61967-4:2021

1.6 Ispravci hrvatskih norma

U popisima hrvatskih norma objavljenim u ranijim brojevima službenog glasila potkrale su se pogreške. Niže navodimo ispravne oznake i naslove hrvatskih norma. Navedeni ispravci smatraju se službenom informacijom i nisu nužno uključeni u norme koje su prethodno objavljene.

HZN/TO 215, Zdravstvena informatika

- **umjesto**

HRN EN ISO 23903:2021
Zdravstvena informatika – Referentna arhitektura interoperabilnosti i integracije – Model i okvir (ISO 23903:2021; EN ISO 23903:2021)
Health Informatics – Interoperability and integration reference architecture – Model and framework (ISO 23903:2021; EN ISO 23903:2021)

- **treba biti**

HRN EN ISO 23903:2021
Zdravstvena informatika – Referentna arhitektura interoperabilnosti i integracije – Model i okvir (ISO 23903:2021, **ispravljena verzija 2021-07**; EN ISO 23903:2021)
Health Informatics – Interoperability and integration reference architecture – Model and framework (ISO 23903:2021, **Corrected version 2021-07**; EN ISO 23903:2021)

HZN/TO 508, Ambalaža i pakiranje

- **umjesto**

HRN EN 13428:2007
Ambalaža – Zahtjevi specifični za proizvodnju i sastav ambalaže – **Preventivne mjere za smanjenje** potrošnje resursa (EN 13428:2004)
Packaging – Requirements specific to manufacturing and composition – Prevention by source reduction (EN 13428:2004)

- **treba biti**

HRN EN 13428:2007
Ambalaža – Zahtjevi specifični za proizvodnju i sastav ambalaže – **Prevenција smanjenjem** potrošnje resursa (EN 13428:2004)
Packaging – Requirements specific to manufacturing and composition – Prevention by source reduction (EN 13428:2004)

- **umjesto**

HRN EN 13430:2007
Ambalaža – Zahtjevi za **oporabu ambalaže materijalnim recikliranjem** (EN 13430:2004)
Packaging – Requirements for packaging recoverable by material recycling (EN 13430:2004)

- **treba biti**

HRN EN 13430:2007
Ambalaža – Zahtjevi za **ambalažu pogodnu za materijalno recikliranje** (EN 13430:2004)
Packaging – Requirements for packaging recoverable by material recycling (EN 13430:2004)

- **umjesto**

HRN EN 13431:2007
Ambalaža – Zahtjevi za **oporabu ambalaže energijskom oporabom**, uključujući **specifikacije** donje ogrjevne vrijednosti (**Hu**) (EN 13431:2004)
Packaging – Requirements for packaging recoverable in the form of energy recovery, including specification of minimum inferior calorific value (EN 13431:2004)

- **treba biti**

HRN EN 13431:2007
Ambalaža – Zahtjevi za **energijski oporabivu ambalažu**, uključujući **specifikaciju minimalne** donje ogrjevne vrijednosti (EN 13431:2004)
Packaging – Requirements for packaging recoverable in the form of energy recovery, including specification of minimum inferior calorific value (EN 13431:2004)

HZN/TO 533, Kolničke konstrukcije

- **umjesto**

HRN EN ISO 13473-1:2019

Karakterizacija teksture kolnika uporabom profila površine – 1. dio: Određivanje srednje dubine teksture profila (ISO 13473-1:2019; EN ISO 13473-1:2019)
Characterization of pavement texture by use of surface profiles – Part 1: Determination of mean profile depth (ISO 13473-1:2019; EN ISO 13473-1:2019)

- **treba biti**

HRN EN ISO 13473-1:2019

Karakterizacija teksture kolnika uporabom profila površine – 1. dio: Određivanje srednje dubine teksture profila (ISO 13473-1:2019, **ispravljena verzija 2021-06**; EN ISO 13473-1:2019)
Characterization of pavement texture by use of surface profiles – Part 1: Determination of mean profile depth (ISO 13473-1:2019, **Corrected version 2021-06**; EN ISO 13473-1:2019)

HZN/TO 548, Konstrukcijski eurokodovi

- **umjesto**

HRN EN 1992-4:2019

Eurokod 2: Projektiranje betonskih konstrukcija – 4. dio: Projektiranje pričvršćivača za **upotrebu** u betonu (EN 1992-4:2018)
Eurocode 2: Design of concrete structures – Part 4: Design of fastenings for use in concrete (EN 1992-4:2018)

- **treba biti**

HRN EN 1992-4:2019

Eurokod 2: Projektiranje betonskih konstrukcija – 4. dio: Projektiranje pričvršćivača za **uporabu** u betonu (EN 1992-4:2018)
Eurocode 2: Design of concrete structures – Part 4: Design of fastenings for use in concrete (EN 1992-4:2018)

HZN/TO 569, Hrana za životinje

- **umjesto**

HRN ISO 5061:2004

Stočna hrana – Određivanje ljuski sjemenki ricinusa – Mikroskopska metoda (ISO 5061:2002)
Animal feeding stuffs – Determination of castor oil seed husks – Microscope method (ISO 5061:2002)

- **treba biti**

HRN ISO 5061:2004

Hrana za životinje – Određivanje ljuski sjemenki ricinusa – Mikroskopska metoda (ISO 5061:2002)
Animal feeding stuffs – Determination of castor oil seed husks – Microscope method (ISO 5061:2002)

- **umjesto**

HRN EN ISO 5983-1:2008

Stočna hrana – Određivanje količine dušika i izračunavanje količine sirovih proteina – 1. dio: Kjeldahlova metoda (ISO 5983-1:2005; EN ISO 5983-1:2005)
Animal feeding stuffs – Determination of nitrogen content and calculation of crude protein content – Part 1: Kjeldahl method (ISO 5983-1:2005; EN ISO 5983-1:2005)

- **treba biti**

HRN EN ISO 5983-1:2008

Hrana za životinje – Određivanje količine dušika i izračunavanje količine sirovih proteina – 1. dio: Kjeldahlova metoda (ISO 5983-1:2005; EN ISO 5983-1:2005)
Animal feeding stuffs – Determination of nitrogen content and calculation of crude protein content – Part 1: Kjeldahl method (ISO 5983-1:2005; EN ISO 5983-1:2005)

- **umjesto**

HRN ISO 5984:2004

Stočna hrana – Određivanje pepela (ISO 5984:2002)
Animal feeding stuffs – Determination of crude ash (ISO 5984:2002)

- **treba biti**

HRN ISO 5984:2004

Hrana za životinje – Određivanje pepela (ISO 5984:2002)
Animal feeding stuffs – Determination of crude ash (ISO 5984:2002)

- **umjesto**

HRN ISO 5984:2004/Ispr.1:2016

Stočna hrana – Određivanje pepela – Tehnički ispravak 1 (ISO 5984:2002/Cor 1:2005)
Animal feeding stuffs – Determination of crude ash – Technical corrigendum 1 (ISO 5984:2002/Cor 1:2005)

- **treba biti**

HRN ISO 5984:2004/Ispr.1:2016

Hrana za životinje – Određivanje pepela – Tehnički ispravak 1 (ISO 5984:2002/Cor 1:2005)
Animal feeding stuffs – Determination of crude ash – Technical corrigendum 1 (ISO 5984:2002/Cor 1:2005)

- **umjesto**

HRN ISO 5985:2004

Stočna hrana – Određivanje pepela netopljivog u klorovodičnoj kiselini (ISO 5985:2002)
Animal feeding stuffs – Determination of ash insoluble in hydrochloric acid (ISO 5985:2002)

- **treba biti**

HRN ISO 5985:2004

Hrana za životinje – Određivanje pepela netopljivog u klorovodičnoj kiselini (ISO 5985:2002)
Animal feeding stuffs – Determination of ash insoluble in hydrochloric acid (ISO 5985:2002)

- **umjesto**

HRN ISO 5985:2004/A1:2016

Stočna hrana – Određivanje pepela netopljivog u klorovodičnoj kiselini (ISO 5985:2002/Amd 1:2015)
Animal feeding stuffs – Determination of ash insoluble in hydrochloric acid (ISO 5985:2002/Amd 1:2015)

- **treba biti**

HRN ISO 5985:2004/A1:2016

Hrana za životinje – Određivanje pepela netopljivog u klorovodičnoj kiselini (ISO 5985:2002/Amd 1:2015)
Animal feeding stuffs – Determination of ash insoluble in hydrochloric acid (ISO 5985:2002/Amd 1:2015)

- **umjesto**

HRN ISO 5985:2004/Ispr.1:2016

Stočna hrana – Određivanje pepela netopljivog u klorovodičnoj kiselini – Tehnički ispravak 1 (ISO 5985:2002/Cor 1:2005)
Animal feeding stuffs – Determination of ash insoluble in hydrochloric acid – Technical corrigendum 1 (ISO 5985:2002/Cor 1:2005)

- **treba biti**

HRN ISO 5985:2004/Ispr.1:2016

Hrana za životinje – Određivanje pepela netopljivog u klorovodičnoj kiselini – Tehnički ispravak 1 (ISO 5985:2002/Cor 1:2005)
Animal feeding stuffs – Determination of ash insoluble in hydrochloric acid – Technical corrigendum 1 (ISO 5985:2002/Cor 1:2005)

- **umjesto**

HRN ISO 6490-1:1999

Stočna hrana – Određivanje količine kalcija – 1. dio: Titracijska metoda (ISO 6490-1:1985)
Animal feeding stuffs – Determination of calcium content – Part 1: Titrimetric method (ISO 6490-1:1985)

- **treba biti**

HRN ISO 6490-1:1999

Hrana za životinje – Određivanje količine kalcija – 1. dio: Titracijska metoda (ISO 6490-1:1985)
Animal feeding stuffs – Determination of calcium content – Part 1: Titrimetric method (ISO 6490-1:1985)

- **umjesto**

HRN ISO 6491:2001

Stočna hrana – Određivanje udjela fosfora – Spektrometrijska metoda (ISO 6491:1998)
Animal feeding stuffs – Determination of phosphorus content – Spectrometric method (ISO 6491:1998)

- **treba biti**

HRN ISO 6491:2001

Hrana za životinje – Određivanje udjela fosfora – Spektrometrijska metoda (ISO 6491:1998)
Animal feeding stuffs – Determination of phosphorus content – Spectrometric method (ISO 6491:1998)

- **umjesto**
HRN ISO 6492:2001
Stočna hrana – Određivanje udjela masti (ISO 6492:1999)
Animal feeding stuffs – Determination of fat content (ISO 6492:1999)

- **treba biti**
HRN ISO 6492:2001
Hrana za životinje – Određivanje udjela masti (ISO 6492:1999)
Animal feeding stuffs – Determination of fat content (ISO 6492:1999)

- **umjesto**
HRN ISO 6493:2001
Stočna hrana – Određivanje udjela škroba – Polarimetrijska metoda (ISO 6493:2000)
Animal feeding stuffs – Determination of starch content – Polarimetric method (ISO 6493:2000)

- **treba biti**
HRN ISO 6493:2001
Hrana za životinje – Određivanje udjela škroba – Polarimetrijska metoda (ISO 6493:2000)
Animal feeding stuffs – Determination of starch content – Polarimetric method (ISO 6493:2000)

- **umjesto**
HRN ISO 6496:2001
Stočna hrana – Određivanje vode i udjela drugih hlapljivih tvari (ISO 6496:1999)
Animal feeding stuffs – Determination of moisture and other volatile matter content (ISO 6496:1999)

- **treba biti**
HRN ISO 6496:2001
Hrana za životinje – Određivanje vode i udjela drugih hlapljivih tvari (ISO 6496:1999)
Animal feeding stuffs – Determination of moisture and other volatile matter content (ISO 6496:1999)

- **umjesto**
HRN EN ISO 6497:2005
Stočna hrana – Uzorkovanje (ISO 6497:2002; EN ISO 6497:2005)
Animal feeding stuffs – Sampling (ISO 6497:2002; EN ISO 6497:2005)

- **treba biti**
HRN EN ISO 6497:2005
Hrana za životinje – Uzorkovanje (ISO 6497:2002; EN ISO 6497:2005)
Animal feeding stuffs – Sampling (ISO 6497:2002; EN ISO 6497:2005)

- **umjesto**
HRN ISO 6654:1999
Stočna hrana – Određivanje količine uree (ISO 6654:1991)
Animal feeding stuffs – Determination of urea content (ISO 6654:1991)

- **treba biti**
HRN ISO 6654:1999
Hrana za životinje – Određivanje količine uree (ISO 6654:1991)
Animal feeding stuffs – Determination of urea content (ISO 6654:1991)

- **umjesto**
HRN ISO 6655:1999
Stočna hrana – Određivanje količine topljivog dušika nakon obradbe s pepsinom u razrijeđenoj klorovodičnoj kiselini (ISO 6655:1997)
Animal feeding stuffs – Determination of soluble nitrogen content after treatment with pepsin in dilute hydrochloric acid (ISO 6655:1997)

- **treba biti**
HRN ISO 6655:1999
Hrana za životinje – Određivanje količine topljivog dušika nakon obradbe s pepsinom u razrijeđenoj klorovodičnoj kiselini (ISO 6655:1997)
Animal feeding stuffs – Determination of soluble nitrogen content after treatment with pepsin in dilute hydrochloric acid (ISO 6655:1997)

- **umjesto**
HRN EN ISO 6865:2001
Stočna hrana – Određivanje udjela sirovih vlakana – Metoda s intermedijarnom filtracijom (ISO 6865:2000; EN ISO 6865:2000)
Animal feeding stuffs – Determination of crude fibre content – Method with intermediate filtration (ISO 6865:2000; EN ISO 6865:2000)

- **treba biti**
HRN EN ISO 6865:2001
Hrana za životinje – Određivanje udjela sirovih vlakana – Metoda s intermedijarnom filtracijom (ISO 6865:2000; EN ISO 6865:2000)
Animal feeding stuffs – Determination of crude fibre content – Method with intermediate filtration (ISO 6865:2000; EN ISO 6865:2000)

- **umjesto**
HRN ISO 6866:1999
Stočna hrana – Određivanje slobodnog i ukupnog gossypola (ISO 6866:1985)
Animal feeding stuffs – Determination of free and total gossypol (ISO 6866:1985)

- **treba biti**
HRN ISO 6866:1999
Hrana za životinje – Određivanje slobodnog i ukupnog gossypola (ISO 6866:1985)
Animal feeding stuffs – Determination of free and total gossypol (ISO 6866:1985)

- **umjesto**
HRN EN ISO 6867:2001
Stočna hrana – Određivanje udjela vitamina E – Metoda u kojoj se upotrebljava tekućinska kromatografija visokog učinka (ISO 6867:2000; EN ISO 6867:2000)
Animal feeding stuffs – Determination of vitamin E content – Method using high-performance liquid chromatography (ISO 6867:2000; EN ISO 6867:2000)

- **treba biti**
HRN EN ISO 6867:2001
Hrana za životinje – Određivanje udjela vitamina E – Metoda u kojoj se upotrebljava tekućinska kromatografija visokog učinka (ISO 6867:2000; EN ISO 6867:2000)
Animal feeding stuffs – Determination of vitamin E content – Method using high-performance liquid chromatography (ISO 6867:2000; EN ISO 6867:2000)

- **umjesto**
HRN EN ISO 6869:2001
Stočna hrana – Određivanje udjela kalcija, bakra, željeza, magnezija, mangana, kalija, natrija i cinka – Metoda u kojoj se upotrebljava atomska apsorpcijska spektrometrija (ISO 6869:2000; EN ISO 6869:2000)
Animal feeding stuffs – Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc – Method using atomic absorption spectrometry (ISO 6869:2000; EN ISO 6869:2000)

- **treba biti**
HRN EN ISO 6869:2001
Hrana za životinje – Određivanje udjela kalcija, bakra, željeza, magnezija, mangana, kalija, natrija i cinka – Metoda u kojoj se upotrebljava atomska apsorpcijska spektrometrija (ISO 6869:2000; EN ISO 6869:2000)
Animal feeding stuffs – Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc – Method using atomic absorption spectrometry (ISO 6869:2000; EN ISO 6869:2000)

- **umjesto**
HRN ISO 6870:2004
Stočna hrana – Kvalitativno određivanje zearalenona (ISO 6870:2002)
Animal feeding stuffs – Qualitative determination of zearalenone (ISO 6870:2002)

- **treba biti**
HRN ISO 6870:2004
Hrana za životinje – Kvalitativno određivanje zearalenona (ISO 6870:2002)
Animal feeding stuffs – Qualitative determination of zearalenone (ISO 6870:2002)

• **umjesto**
HRN ISO 7485:2001
Stočna hrana – Određivanje udjela kalija i natrija – Metoda u kojoj se upotrebljava spektrometrija emisije plamena (ISO 7485:2000)
Animal feeding stuffs – Determination of potassium and sodium contents – Methods using flame-emission spectrometry (ISO 7485:2000)

• **treba biti**
HRN ISO 7485:2001
Hrana za životinje – Određivanje udjela kalija i natrija – Metoda u kojoj se upotrebljava spektrometrija emisije plamena (ISO 7485:2000)
Animal feeding stuffs – Determination of potassium and sodium contents – Methods using flame-emission spectrometry (ISO 7485:2000)

• **umjesto**
HRN EN ISO 9831:2004
Stočna hrana, životinjski proizvodi i feces ili urin – Određivanje ukupne kalorijske vrijednosti – Metoda kalorimetrijske bombe (ISO 9831:1998; EN ISO 9831:2003)
Animal feeding stuffs, animal products, and faeces or urine – Determination of gross calorific value – Bomb calorimeter method (ISO 9831:1998; EN ISO 9831:2003)

• **treba biti**
HRN EN ISO 9831:2004
Hrana za životinje, životinjski proizvodi i feces ili urin – Određivanje ukupne kalorijske vrijednosti – Metoda kalorimetrijske bombe (ISO 9831:1998; EN ISO 9831:2003)
Animal feeding stuffs, animal products, and faeces or urine – Determination of gross calorific value – Bomb calorimeter method (ISO 9831:1998; EN ISO 9831:2003)

• **umjesto**
HRN EN ISO 13903:2005
Stočna hrana – Određivanje količine amino kiselina (ISO 13903:2005; EN ISO 13903:2005)
Animal feeding stuffs – Determination of amino acids content (ISO 13903:2005; EN ISO 13903:2005)

• **treba biti**
HRN EN ISO 13903:2005
Hrana za životinje – Određivanje količine amino kiselina (ISO 13903:2005; EN ISO 13903:2005)
Animal feeding stuffs – Determination of amino acids content (ISO 13903:2005; EN ISO 13903:2005)

• **umjesto**
HRN EN ISO 13904:2016
Stočna hrana – Određivanje količine triptofana (ISO 13904:2016; EN ISO 13904:2016)
Animal feeding stuffs – Determination of tryptophan content (ISO 13904:2016; EN ISO 13904:2016)

• **treba biti**
HRN EN ISO 13904:2016
Hrana za životinje – Određivanje količine triptofana (ISO 13904:2016; EN ISO 13904:2016)
Animal feeding stuffs – Determination of tryptophan content (ISO 13904:2016; EN ISO 13904:2016)

• **umjesto**
HRN EN ISO 14181:2001
Stočna hrana – Određivanje ostataka organokloridnih pesticida – Metoda plinske kromatografije (ISO 14181:2000; EN ISO 14181:2000)
Animal feeding stuffs – Determination of residues of organochlorine pesticides – Gas chromatographic method (ISO 14181:2000; EN ISO 14181:2000)

• **treba biti**
HRN EN ISO 14181:2001
Hrana za životinje – Određivanje ostataka organokloridnih pesticida – Metoda plinske kromatografije (ISO 14181:2000; EN ISO 14181:2000)
Animal feeding stuffs – Determination of residues of organochlorine pesticides – Gas chromatographic method (ISO 14181:2000; EN ISO 14181:2000)

• **umjesto**
HRN EN ISO 14182:2001
Stočna hrana – Određivanje ostataka organofosfornih pesticida – Metoda plinske kromatografije (ISO 14182:1999; EN ISO 14182:1999)
Animal feeding stuffs – Determination of residues of organophosphorus pesticides – Gas chromatographic method (ISO 14182:1999; EN ISO 14182:1999)

• **treba biti**
HRN EN ISO 14182:2001
Hrana za životinje – Određivanje ostataka organofosfornih pesticida – Metoda plinske kromatografije (ISO 14182:1999; EN ISO 14182:1999)
Animal feeding stuffs – Determination of residues of organophosphorus pesticides – Gas chromatographic method (ISO 14182:1999; EN ISO 14182:1999)

• **umjesto**
HRN EN ISO 14565:2001
Stočna hrana – Određivanje udjela vitamina A – Metoda u kojoj se upotrebljava tekućinska kromatografija visokog učinka (ISO 14565:2000; EN ISO 14565:2000)
Animal feeding stuffs – Determination of vitamin A content – Method using high-performance liquid chromatography (ISO 14565:2000; EN ISO 14565:2000)

• **treba biti**
HRN EN ISO 14565:2001
Hrana za životinje – Određivanje udjela vitamina A – Metoda u kojoj se upotrebljava tekućinska kromatografija visokog učinka (ISO 14565:2000; EN ISO 14565:2000)
Animal feeding stuffs – Determination of vitamin A content – Method using high-performance liquid chromatography (ISO 14565:2000; EN ISO 14565:2000)

• **umjesto**
HRN ISO 14718:2001
Stočna hrana – Određivanje udjela aflatoksina B1 u krmnim smjesama – Metoda u kojoj se upotrebljava tekućinska kromatografija visokog učinka (ISO 14718:1998)
Animal feeding stuffs – Determination of aflatoxin B1 content of mixed feeding stuffs – Method using high-performance liquid chromatography (ISO 14718:1998)

• **treba biti**
HRN ISO 14718:2001
Hrana za životinje – Određivanje udjela aflatoksina B1 u krmnim smjesama – Metoda u kojoj se upotrebljava tekućinska kromatografija visokog učinka (ISO 14718:1998)
Animal feeding stuffs – Determination of aflatoxin B1 content of mixed feeding stuffs – Method using high-performance liquid chromatography (ISO 14718:1998)

• **umjesto**
HRN ISO 14797:2001
Stočna hrana – Određivanje udjela furazolidona – Metoda u kojoj se upotrebljava tekućinska kromatografija visokog učinka (ISO 14797:1999)
Animal feeding stuffs – Determination of furazolidone content – Method using high-performance liquid chromatography (ISO 14797:1999)

• **treba biti**
HRN ISO 14797:2001
Hrana za životinje – Određivanje udjela furazolidona – Metoda u kojoj se upotrebljava tekućinska kromatografija visokog učinka (ISO 14797:1999)
Animal feeding stuffs – Determination of furazolidone content – Method using high-performance liquid chromatography (ISO 14797:1999)

• **umjesto**
HRN EN ISO 14902:2004
Stočna hrana – Određivanje inhibitora aktivnosti tripsina u proizvodima od soje (ISO 14902:2001; EN ISO 14902:2001)
Animal feeding stuffs – Determination of trypsin inhibitor activity of soya products (ISO 14902:2001; EN ISO 14902:2001)

• **treba biti**
HRN EN ISO 14902:2004
Hrana za životinje – Određivanje inhibitora aktivnosti tripsina u proizvodima od soje (ISO 14902:2001; EN ISO 14902:2001)
Animal feeding stuffs – Determination of trypsin inhibitor activity of soya products (ISO 14902:2001; EN ISO 14902:2001)

• **umjesto**
HRN EN ISO 14939:2004
Stočna hrana – Određivanje udjela karbadoksa – Metoda uporabom tekućinske kromatografije visokog učinka (ISO 14939:2001; EN ISO 14939:2001)
Animal feeding stuffs – Determination of carbadox content – Method using high-performance liquid chromatography (ISO 14939:2001; EN ISO 14939:2001)

• **treba biti**
HRN EN ISO 14939:2004
Hrana za životinje – Određivanje udjela karbadoksa – Metoda uporabom tekućinske kromatografije visokog učinka (ISO 14939:2001; EN ISO 14939:2001)
Animal feeding stuffs – Determination of carbadox content – Method using high-performance liquid chromatography (ISO 14939:2001; EN ISO 14939:2001)

• **umjesto**
HRN EN ISO 15914:2005
Stočna hrana – Enzimatsko određivanje udjela ukupnog škroba (ISO 15914:2004; EN ISO 15914:2005)
Animal feeding stuffs – Enzymatic determination of total starch content (ISO 15914:2004; EN ISO 15914:2005)

• **treba biti**
HRN EN ISO 15914:2005
Hrana za životinje – Enzimatsko određivanje udjela ukupnog škroba (ISO 15914:2004; EN ISO 15914:2005)
Animal feeding stuffs – Enzymatic determination of total starch content (ISO 15914:2004; EN ISO 15914:2005)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

HZN/ TO 562, *Alatni strojevi i alati*

HRN EN 1083-1:2008 en pr
Motorom pogonjene četke – 1. dio: Definicije i nomenklatura (EN 1083-1:1997)
Power-driven brushes – Part 1: Definitions and nomenclature (EN 1083-1:1997)

HRN EN 1083-2:2008 en pr
Motorom pogonjene četke – 2. dio: Sigurnosni zahtjevi (EN 1083-2:1997)
Power-driven brushes – Part 2: Safety requirements (EN 1083-2:1997)

HZN/ TO 563, *Sigurnost strojeva*

HRI CEN/TR 14715:2008 en pr
Sigurnost strojeva – Ionizirajuće zračenje strojeva – Smjernice za primjenu tehničkih standarda u projektiranju strojeva u skladu sa zakonskim zahtjevima (CEN/TR 14715:2004)
Safety of machinery – Ionizing radiation emitted by machinery – Guidance for the application of technical standards in the design of machinery in order to comply with legislative requirements (CEN/TR 14715:2004)

HRN EN 15429-3:2015 en pr
Strojevi za čišćenje ulica – 3. dio: Učinkovitost prikupljanja čestica – Ispitivanje i vrednovanje (EN 15429-3:2015)
Sweepers – Part 3: Efficiency of particulate matter collection – Testing and Evaluation (EN 15429-3:2015)

HRN EN 15429-4:2015 en pr
Strojevi za čišćenje ulica – 4. dio: Simboli za upravljačke kontrole i ostale prikaze (EN 15429-4:2015)
Sweepers – Part 4: Symbols for operator controls and other displays (EN 15429-4:2015)

HZN/TU V1, *Elektronika 1*

HRN EN IEC 61215-1:2021 en pr
Zemaljski fotonaponski (PV) moduli – Sposobnost projektiranja i odobrenje tipa – 1. dio: Zahtjevi za ispitivanje (IEC 61215-1:2021; EN IEC 61215-1:2021)
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements (IEC 61215-1:2021; EN IEC 61215-1:2021)

HRN EN 62044-2:2008 en pr
Jezgre izrađene od mekih magnetskih materijala – Metode mjerenja – 2. dio: Magnetska svojstva pri niskoj razini pobude (IEC 62044-2:2005; EN 62044-2:2005)
Cores made of soft magnetic materials – Measuring methods – Part 2: Magnetic properties at low excitation level (IEC 62044-2:2005; EN 62044-2:2005)

HRN EN 63044-1:2017 en pr
Elektronički sustavi u stanovima i zgradama (HBES) i sustavi automatizacije i nadzora u zgradama (BACS) – 1. dio: Opći zahtjevi (IEC 63044-1:2017; EN 63044-1:2017)
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 1: General requirements (IEC 63044-1:2017; EN 63044-1:2017)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 546, *Očuvanje kulturne baštine*

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

HRN EN 15898:2019 hr, en, fr, de- en, fr, de pr-pp
Očuvanje kulturne baštine – Glavni opći nazivi i definicije (EN 15898:2019)
Conservation of cultural heritage – Main general terms and definitions (EN 15898:2019)

HZN/TO E70, *Stupnjevi zaštite kućištem*

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

HRN EN 60529:2000 hr-en pr-pp
Stupnjevi zaštite osigurani kućištima (IP kod) (IEC 60529:1989; EN 60529:1991+Corr.1:1993)
Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989; EN 60529:1991+Corr.1:1993)

HRN EN 60529:2000/A1:2008 hr-en pr-pp
Stupnjevi zaštite osigurani kućištima (IP kod) (IEC 60529:1989/am1:1999; EN 60529:1991/A1:2000)
Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989/am1:1999; EN 60529:1991/A1:2000)

HRN EN 60529:2000/A2:2014 hr-en pr-pp
Stupnjevi zaštite osigurani kućištima (IP kod) (IEC 60529:1989/am2:2013; EN 60529:1991/A2:2013)
Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989/am2:2013; EN 60529:1991/A2:2013)

HRN EN 60529:2000/A2:2014/Ispr.1:2019 hr-en pr-pp
Stupnjevi zaštite osigurani kućištima (IP kod) (IEC 60529:1989/am2:2013/Corr.1:2019; EN 60529:1991/A2:2013/AC:2019)
Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989/am2:2013/Corr.1:2019; EN 60529:1991/A2:2013/AC:2019)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 197-5	Cement – Part 5: Portland-composite cement CEM II/C-M and Composite cement CEM VI	91.100.10	2021-05
EN 1034-1	Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 1: Common requirements	85.100	2021-05
CEN/TS 1046	Thermoplastics piping and ducting systems – Outside the building structures for gravity and pressurised systems – Trench installation	23.040.05; 23.040.20; 23.040.45; 93.030	2021-05
EN 1254-1	Copper and copper alloys – Plumbing fittings – Part 1: Capillary fittings for soldering or brazing to copper tubes	23.040.40	2021-05
EN 1254-2	Copper and copper alloys – Plumbing fittings – Part 2: Compression fittings for use with copper tubes	23.040.40	2021-05
EN 1254-3	Copper and copper alloys – Plumbing fittings – Part 3: Compression fittings for use with plastics and multilayer pipes	23.040.40	2021-05
EN 1254-4	Copper and copper alloys – Plumbing fittings – Part 4: Threaded fittings	23.040.40	2021-05
EN 1254-5	Copper and copper alloys – Plumbing fittings – Part 5: Capillary fittings with short ends for brazing to copper tubes	23.040.40	2021-05
EN 1254-6	Copper and copper alloys – Plumbing fittings – Part 6: Push-fit fittings for use with metallic tubes, plastics and multilayer pipes	23.040.40	2021-05
EN 1254-7	Copper and copper alloys – Plumbing fittings – Part 7: Press fittings for use with metallic tubes	23.040.40	2021-05
EN 1254-8	Copper and copper alloys – Plumbing fittings – Part 8: Press fittings for use with plastics and multilayer pipes	23.040.40	2021-05
EN 1254-20	Copper and copper alloys – Plumbing fittings – Part 20: Definitions, thread dimensions, test methods, reference data and supporting information	23.040.40	2021-05
EN 1264-1	Water based surface embedded heating and cooling systems – Part 1: Definitions and symbols	01.040.91; 01.075; 91.140.10	2021-05
EN 1264-2	Water based surface embedded heating and cooling systems – Part 2: Floor heating: Methods for the determination of the thermal output using calculations and experimental tests	91.140.10	2021-05
EN 1264-3	Water based surface embedded heating and cooling systems – Part 3: Dimensioning	91.140.10	2021-05
EN 1264-4	Water based surface embedded heating and cooling systems – Part 4: Installation	91.140.10	2021-05
EN 1264-5	Water based surface embedded heating and cooling systems – Part 5: Determination of the thermal output for wall and ceiling heating and for floor, wall and ceiling cooling	91.140.10	2021-05
EN 1463-2	Road marking materials – Retroreflecting road studs – Part 2: Road test performance specifications	93.080.20	2021-05
EN 1473	Installation and equipment for liquefied natural gas – Design of onshore installations	75.200	2021-05
EN 1488	Building valves – Expansion groups – Tests and requirements	91.140.60	2021-05
EN 4700-002	Aerospace series – Steel and heat resisting alloys – Wrought products – Technical specification – Part 002: Bars and sections	49.025.10	2021-05
EN 4825	Aerospace series – Steel X12CrNiMoV12-3 (1.4938) – Air melted and consumable electrode remelted – Hardened and tempered – Bars – $D_e \leq 150$ mm – $900 \text{ MPa} \leq R_m \leq 1100 \text{ MPa}$	49.025.10	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
CWA 5643-1	Tourism and related services – Requirements and guidelines to reduce the spread of Covid-19 in the tourism industry (ISO/PAS 5643:2021)	03.100.01; 03.200.01	2021-05
CWA 5643-2	Tourism and related services – Requirements and guidelines to reduce the spread of Covid-19 in the tourism industry – European visual identity	03.100.01; 03.200.01	2021-05
EN 10250-4	Open die steel forgings for general engineering purposes – Part 4: Stainless steels	77.140.20; 77.140.85	2021-05
EN 12206-1	Paints and varnishes – Coating of aluminium and aluminium alloys for architectural purposes – Part 1: Coatings prepared from thermosetting coating powder	87.040	2021-05
EN 13001-3-5+A1	Cranes – General design – Part 3-5: Limit states and proof of competence of forged and cast hooks	53.020.20; 53.020.30	2021-05
EN 13445-1	Unfired pressure vessels – Part 1: General	23.020.30	2021-05
EN 13445-2	Unfired pressure vessels – Part 2: Materials	23.020.30	2021-05
EN 13445-3	Unfired pressure vessels – Part 3: Design	23.020.30	2021-05
EN 13445-4	Unfired pressure vessels – Part 4: Fabrication	23.020.30	2021-05
EN 13445-5	Unfired pressure vessels – Part 5: Inspection and testing	23.020.30	2021-05
EN 13445-6	Unfired pressure vessels – Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron	23.020.30	2021-05
EN 13445-8	Unfired pressure vessels – Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys	23.020.30	2021-05
EN 13445-10	Unfired pressure vessels – Part 10: Additional requirements for pressure vessels of nickel and nickel alloys	23.020.30	2021-05
EN 13565-2+AC/AC	Fixed firefighting systems – Foam systems – Part 2: Design, construction and maintenance	13.220.20	2021-05
EN 13601	Copper and copper alloys – Copper rod, bar and wire for general electrical purposes	77.150.30	2021-05
EN 13603	Copper and copper alloys – Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes	25.220.40; 77.150.30	2021-05
EN 13605	Copper and copper alloys – Copper profiles and profiled wire for electrical purposes	77.150.30	2021-05
EN 14198+A2	Railway applications – Braking – Requirements for the brake system of trains hauled by locomotives	45.040; 45.060.01	2021-05
EN 15344	Plastics – Recycled plastics – Characterization of Polyethylene (PE) recyclates	13.030.50; 83.080.20	2021-05
EN 16274	Method for analysis of allergens – Quantification of an extended list of 57 suspected allergens in ready to inject fragrance materials by gas chromatography mass spectrometry	71.100.60	2021-05
EN 16282-3+A1	Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 3: Kitchen ventilation ceilings; design and safety requirements	97.040.99	2021-05
EN 16282-7+A1	Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 7: Installation and use of fixed fire suppression systems	97.040.99	2021-05
EN 16296	Imperfections in thermoplastics welded joints – Quality levels	25.160.40	2021-05
EN 16582-1+A1	Domestic swimming pools – Part 1: General requirements including safety and test methods	97.220.10	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16758	Curtain walling – Determination of the strength of shear connections – Test method and requirements	91.060.10	2021-05
EN 17020-4	Extended application of test results on durability of self-closing for doorsets and openable windows – Part 4: Durability of self-closing of fire resistance and/or smoke control hinged and pivoted metal framed glazed doorsets and openable windows	13.220.50; 91.060.50	2021-05
EN 17203	Foodstuffs – Determination of citrinin in food by HPLC-MS/MS	67.050	2021-05
EN 17476	Specifications for dedicated liquefied petroleum gas appliances – LPG vapour pressure appliances incorporating a horizontal cartridge in the chassis	23.020.35	2021-05
EN 17508	Plastics – Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors – Terminology of PVC based materials	01.040.83; 83.140.99	2021-05
CEN/TS 17623	BIM Properties for lighting – Luminaires and sensing devices	35.240.67	2021-05
CEN/TS 17626	Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for human specimen – Isolated microbiome DNA	11.100.01	2021-05
CEN/TS 17627	Plastics – Recycled plastics – Determination of solid contaminants content	83.080.20	2021-05
EN ISO 276	Binders for paints and varnishes – Linseed stand oil – Requirements and methods of test (ISO 276:2019)	87.060.20	2021-05
EN ISO 638-1	Paper, board, pulps and cellulosic nanomaterials – Determination of dry matter content by oven-drying method – Part 1: Materials in solid form (ISO 638-1:2021)	85.040; 85.060	2021-05
EN ISO 638-2	Paper, board, pulps and cellulosic nanomaterials – Determination of dry matter content by oven-drying method – Part 2: Suspensions of cellulosic nanomaterials (ISO 638-2:2021)	85.040; 85.060	2021-05
EN ISO 683-5	Heat treatable steels, alloy steels and free-cutting steels – Part 5: Nitriding steels (ISO 683-5:2017)	77.140.10; 77.140.20	2021-05
EN ISO 898-3/A1	Mechanical properties of fasteners made of carbon steel and alloy steel – Part 3: Flat washers with specified property classes – Amendment 1 (ISO 898-3:2018/Amd 1:2020)	21.060.20	2021-05
EN ISO 1140	Fibre ropes – Polyamide – 3-, 4-, 8- and 12-strand ropes (ISO 1140:2021)	59.080.50	2021-05
EN ISO 1141	Fibre ropes – Polyester – 3-, 4-, 8- and 12-strand ropes (ISO 1141:2021)	59.080.50	2021-05
EN ISO 1346	Fibre ropes – Polypropylene split film, monofilament and multifilament (PP2) and polypropylene high-tenacity multifilament (PP3) – 3-, 4-, 8- and 12-strand ropes (ISO 1346:2021)	59.080.50	2021-05
EN ISO 1402	Rubber and plastics hoses and hose assemblies – Hydrostatic testing (ISO 1402:2021)	23.040.70	2021-05
EN ISO 1463	Metallic and oxide coatings – Measurement of coating thickness – Microscopical method (ISO 1463:2021)	25.220.20; 25.220.40	2021-05
EN ISO 3219-1	Rheology – Part 1: Vocabulary and symbols for rotational and oscillatory rheometry (ISO 3219-1:2021)	83.080.01	2021-05
EN ISO 3219-2	Rheology – Part 2: General principles of rotational and oscillatory rheometry (ISO 3219-2:2021)	83.080.01	2021-05
EN ISO 3613	Metallic and other inorganic coatings – Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys – Test methods (ISO 3613:2021)	25.220.20	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 7083	Technical product documentation – Symbols used in technical product documentation – Proportions and dimensions (ISO 7083:2021)	01.100.20	2021-05
EN ISO 7233	Rubber and plastics hoses and hose assemblies – Determination of resistance to vacuum (ISO 7233:2021)	23.040.70	2021-05
EN ISO 8849	Small craft – Electrically operated bilge pumps (ISO 8849:2020)	47.080	2021-05
EN ISO 9038	Determination of sustained combustibility of liquids (ISO 9038:2021)	13.220.40; 75.080; 87.040	2021-05
EN ISO 10140-1	Acoustics – Laboratory measurement of sound insulation of building elements – Part 1: Application rules for specific products (ISO 10140-1:2021)	91.120.20	2021-05
EN ISO 10140-2	Acoustics – Laboratory measurement of sound insulation of building elements – Part 2: Measurement of airborne sound insulation (ISO 10140-2:2021)	91.120.20	2021-05
EN ISO 10140-3	Acoustics – Laboratory measurement of sound insulation of building elements – Part 3: Measurement of impact sound insulation (ISO 10140-3:2021)	91.120.20	2021-05
EN ISO 10140-4	Acoustics – Laboratory measurement of sound insulation of building elements – Part 4: Measurement procedures and requirements (ISO 10140-4:2021)	91.120.20	2021-05
EN ISO 10140-5	Acoustics – Laboratory measurement of sound insulation of building elements – Part 5: Requirements for test facilities and equipment (ISO 10140-5:2021)	91.120.20	2021-05
EN ISO 11202/A1	Acoustics – Noise emitted by machinery and equipment – Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections – Amendment 1 (ISO 11202:2010/Amd 1:2020)	17.140.20	2021-05
EN ISO 11296-4/A1	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 4: Lining with cured-in-place pipes – Amendment 1: Updated definitions, marking requirements and procedure for alternative expression of flexural test results (ISO 11296-4:2018/Amd 1:2021)	23.040.20; 23.040.45; 91.140.80; 93.030	2021-05
EN ISO 12625-17	Tissue paper and tissue products – Part 17: Determination of disintegration in water (ISO 12625-17:2021)	85.080.20	2021-05
EN ISO 13408-6	Aseptic processing of health care products – Part 6: Isolator systems (ISO 13408-6:2021)	11.080.01	2021-05
EN ISO 14501	Milk and milk powder – Determination of aflatoxin M1 content – Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography (ISO 14501:2021)	67.100.10	2021-05
EN ISO 14557	Fire-fighting hoses – Rubber and plastics suction hoses and hose assemblies (ISO 14557:2021)	13.220.10; 83.140.40	2021-05
EN ISO 14931	Leather – Leather for apparel (excluding furs) – Specifications and sampling procedures (ISO 14931:2021)	59.140.30	2021-05
EN ISO 16486-5	Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 5: Fitness for purpose of the system (ISO 16486-5:2021)	75.200; 83.140.30	2021-05
EN ISO 17225-2	Solid biofuels – Fuel specifications and classes – Part 2: Graded wood pellets (ISO 17225-2:2021)	27.190; 75.160.40	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 18119/A1	Gas cylinders – Seamless steel and seamless aluminium-alloy gas cylinders and tubes – Periodic inspection and testing – Amendment 1 (ISO 18119:2018/Amd 1:2021)	23.020.35	2021-05
CEN ISO/TR 20172	Welding – Grouping systems for materials – European materials (ISO/TR 20172:2021)	25.160.20	2021-05
EN ISO 20184-3	Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for frozen tissue – Part 3: Isolated DNA (ISO 20184-3:2021)	11.100.10	2021-05
EN ISO 21640	Solid recovered fuels – Specifications and classes (ISO 21640:2021)	75.160.10	2021-05
EN ISO 23036-1	Microbiology of the food chain – Methods for the detection of Anisakidae L3 larvae in fish and fishery products – Part 1: UV-press method (ISO 23036-1:2021)	07.100.30	2021-05
EN ISO 23036-2	Microbiology of the food chain – Methods for the detection of Anisakidae L3 larvae in fish and fishery products – Part 2: Artificial digestion method (ISO 23036-2:2021)	07.100.30	2021-05
EN ISO 23343-1	Solid biofuels – Determination of water sorption and its effect on durability of thermally treated biomass fuels – Part 1: Pellets (ISO 23343-1:2021)	27.190; 75.160.40	2021-05
EN ISO 23445	Dentistry – Tissue punches (ISO 23445:2021)	11.060.25	2021-05
EN ISO 23940	Dentistry – Excavators (ISO 23940:2021)	11.060.25	2021-05
EN ISO 28139	Equipment for crop protection – Knapsack combustion engine-driven airblast sprayers – Safety and environmental requirements and test methods (ISO 28139:2019)	65.060.40	2021-05

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50136-3/A1	Alarm systems – Alarm transmission systems and equipment – Part 3: Requirements for Receiving Centre Transceiver (RCT)	13.320	2021-05
EN 50554	Basic standard for the in-situ assessment of exposure to radio frequency electromagnetic fields in the vicinity of a broadcast site	17.240	2021-05
EN 50695	Public-address-general-emergency-alarm-system, communication-system for marine applications	13.320; 47.020.70	2021-05
EN 50702	Railway applications – Rolling stock – Conductor rail current collectors (shoegear): Characteristics and tests	45.060.10	2021-05
EN IEC 60068-2-20	Environmental testing – Part 2-20: Tests – Test Ta and Tb: Test methods for solderability and resistance to soldering heat of devices with leads (IEC 60068-2-20:2021)	19.040	2021-05
EN 60286-1/A1	Packaging of components for automatic handling – Part 1: Tape packaging of components with axial leads on continuous tapes (IEC 60286-1:2017/A1:2021)	31.020; 31.240	2021-05
EN IEC 60384-2	Fixed capacitors for use in electronic equipment – Part 2: Sectional specification – Fixed metallized polyethylene- terephthalate film dielectric DC capacitors (IEC 60384-2:2021)	31.060.30	2021-05
EN 60400/A1	Lampholders for tubular fluorescent lamps and starterholders (IEC 60400:2017/A1:2020)	29.140.10	2021-05
EN IEC 60598-2-1	Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires (IEC 60598-2-1:2020)	29.140.40	2021-05
EN IEC 60773	Rotating electrical machines – Test methods and apparatus for the measurement of the operational characteristics of brushes (IEC 60773:2021)	29.160.10	2021-05
EN IEC 60794-3-70	Optical fibre cables – Part 3-70: Outdoor cables – Family specification for outdoor optical fibre cables for rapid/multiple deployment (IEC 60794-3-70:2021)	33.180.01; 33.180.10	2021-05
EN IEC 60794-4-30	Optical fibre cables – Part 4-30: Aerial optical cables along electrical power lines – Family specification for optical phase conductor (OPPC) optical cables (IEC 60794-4-30:2021)	33.180.10	2021-05
EN IEC 60809	Lamps and light sources for road vehicles – Dimensional, electrical and luminous requirements (IEC 60809:2021)	29.140.20; 43.040.20	2021-05
EN 60838-1/A11	Miscellaneous lampholders – Part 1: General requirements and tests	29.140.10	2021-05
EN IEC 61010-2-130	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-130: Particular requirements for equipment intended to be used in educational establishments by children (IEC 61010-2-130:2021)	03.180; 19.080; 71.040.20	2021-05
EN IEC 61439-1	Low-voltage switchgear and controlgear assemblies – Part 1: General rules (IEC 61439-1:2020)	29.130.20	2021-05
EN IEC 61439-2	Low-voltage switchgear and controlgear assemblies – Part 2: Power switchgear and controlgear assemblies (IEC 61439-2:2020)	29.130.20	2021-05
EN IEC 61587-6	Mechanical structures for electrical and electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 6: Security aspects for indoor cabinets (IEC 61587-6:2021)	31.240	2021-05
EN IEC 61753-111-08	Fibre optic interconnecting devices and passive components – Performance standard – Part 111-08: Sealed closures for Category G – Ground (IEC 61753-111-08:2021)	33.180.20	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62040-3	Uninterruptible power systems (UPS) – Part 3: Method of specifying the performance and test requirements (IEC 62040-3:2021)	29.160.40; 29.200	2021-05
EN IEC 62148-15	Fibre optic active components and devices – Package and interface standards – Part 15: Discrete vertical cavity surface emitting laser packages (IEC 62148-15:2021)	33.180.20; 33.180.30	2021-05
EN IEC 62841-2-3	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders (IEC 62841-2-3:2020)	25.140.20	2021-05
EN IEC 62841-2-3/A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders	25.140.20	2021-05
EN IEC 62841-3-7	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-7: Particular requirements for transportable wall saws (IEC 62841-3-7:2020)	25.140.20	2021-05
EN IEC 62841-3-7/A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-7: Particular requirements for transportable wall saws	25.140.20	2021-05
EN IEC 63046	Nuclear power plants – Electrical power system – General requirements (IEC 63046:2020)	27.120.20	2021-05
EN IEC 63203-201-3	Wearable electronic devices and technologies – Part 201-3: Electronic textile – Determination of electrical resistance of conductive textiles under simulated microclimate (IEC 63203-201-3:2021)	59.080.80	2021-05
EN ISO 20417	Medical devices – Information to be supplied by the manufacturer (ISO 20417:2021)	11.040.01	2021-05
EN ISO 80369-7	Small-bore connectors for liquids and gases in healthcare applications – Part 7: Connectors for intravascular or hypodermic applications (ISO 80369-7:2021)	11.040.25	2021-05

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 101211 V 1.13.1	Digital Video Broadcasting (DVB) – Implementation and usage of Service Information (SI)	33.170	2021-05
ETSI TR 101550 V 1.1.2	Documents relevant to EN 301549 VV1.1.1) 'Accessibility requirements suitable for public procurement of ICT products and services in Europe'	33.040.01	2021-05
ETSI TS 102950-1 V 1.9.1	Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite – Part 1: Implementation Conformance Statement (ICS)	33.020	2021-05
ETSI TS 102950-2 V 1.9.1	Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite – Part 2: Test Suite Structure and Test Purposes (TSS&TP)	33.020	2021-05
ETSI TS 102950-3 V 1.9.1	Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite – Part 3: Abstract Test Suite (ATS) and Implementation eXtra Information for Testing (IXIT)	33.020	2021-05
ETSI TS 103253 V 1.6.1	Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite for use of XML and JSON schema – Implementation Conformance Statement	33.020	2021-05
ETSI TS 103254 V 1.6.1	Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite for use of XML and JSON schema – Test Suite Structure and Test Purposes (TSS&TP)	33.020	2021-05
ETSI TS 103255 V 1.6.1	Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite for use of XML and JSON schema – Abstract Test Suite & IXIT	33.020	2021-05
ETSI TS 103465 V 16.4.0	Smart Cards – Smart Secure Platform (SSP) – Requirements Specification (Release 16)	35.240.15	2021-05
ETSI TS 103596-1 V 1.1.1	Methods for Testing and Specification (MTS) – Test Specification for CoAP – Part 1: Conformance Tests	33.040.99; 33.200	2021-05
ETSI TS 103596-2 V 1.1.1	Methods for Testing and Specification (MTS) – Test Specification for CoAP – Part 2: Security Tests	33.040.99; 33.200	2021-05
ETSI TS 103596-3 V 1.1.1	Methods for Testing and Specification (MTS) – Test Specification for CoAP – Part 3: Performance Tests	33.040.99; 33.200	2021-05
ETSI TS 103663-1 V 1.2.1	Methods for Testing and Specification (MTS) – Conformance Test Suite for TTCN-3 Object Oriented Features – Part 1: Implementation Conformance Statement (ICS)	33.020; 35.080	2021-05
ETSI TS 103663-2 V 1.2.1	Methods for Testing and Specification (MTS) – Conformance Test Suite for TTCN-3 Object Oriented Features – Part 2: Test Suite Structure and Test Purposes (TSS&TP)	33.020; 35.080	2021-05
ETSI TS 103663-3 V 1.2.1	Methods for Testing and Specification (MTS) – Conformance Test Suite for TTCN-3 Object Oriented Features – Part 3: Abstract Test Suite (ATS) and Implementation eXtra Information for Testing (IXIT)	33.020; 35.080	2021-05
ETSI TR 103665 V 1.1.1	System Reference document (SRdoc) – Data Transmission Systems using Wide Band technologies in the 2,4 GHz band	33.100.10	2021-05
ETSI TR 103694 V 1.1.1	Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Informative report for the Diagnosis, Logging and Status Service	35.240.60	2021-05
ETSI TR 103741 V 1.1.1	CYBER – Elections Infrastructure Cybersecurity	33.040.99; 35.030	2021-05
ETSI TR 103787-1 V 1.1.1	CYBER – Cybersecurity for SMEs – Part 1: Cybersecurity Standardization Essentials	33.040.99; 35.030	2021-05
ETSI TS 119192 V 1.1.1	Electronic Signatures and Infrastructures (ESI) – AdES related Uniform Resource Identifier	33.040.01	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 119431-1 V 1.2.1	Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for trust service providers – Part 1: TSP service components operating a remote QSCD / SCDev	33.040.01	2021-05
ETSI TS 119615 V 1.1.1	Electronic Signatures and Infrastructures (ESI) – Trusted lists – Procedures for using and interpreting European Union Member States national trusted lists	33.040.01	2021-05
ETSI TS 126118 V 16.2.1	5G – Virtual Reality (VR) profiles for streaming applications (3GPP TS 26.118 version 16.2.1 Release 16)	33.070.50	2021-05
ETSI TS 128552 V 16.9.0	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 16.9.0 Release 16)	33.070.50	2021-05
ETSI TS 129526 V 16.3.0	5G – 5G System – Network Slice-Specific Authentication and Authorization (NSSAA) services – Stage 3 (3GPP TS 29.526 version 16.3.0 Release 16)	33.070.99	2021-05
ETSI TS 131124 V 16.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 16.3.0 Release 16)	33.070.50	2021-05
ETSI TS 134123-3 V 16.1.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 16.1.0 Release 16)	33.070.50	2021-05
ETSI TS 136211 V 15.13.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 15.13.0 Release 15)	33.070.50	2021-05
ETSI TS 136211 V 16.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 16.5.0 Release 16)	33.070.50	2021-05
ETSI TS 136213 V 15.13.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 15.13.0 Release 15)	33.070.50	2021-05
ETSI TS 136213 V 16.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 16.5.0 Release 16)	33.070.50	2021-05
ETSI TS 136307 V 13.13.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 13.13.0 Release 13)	33.070.50	2021-05
ETSI TS 136307 V 14.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 14.10.0 Release 14)	33.070.50	2021-05
ETSI TS 136307 V 15.7.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 15.7.0 Release 15)	33.070.50	2021-05
ETSI TS 136307 V 16.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 16.3.0 Release 16)	33.070.50	2021-05
ETSI TS 136523-3 V 16.8.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 16.8.0 Release 16)	33.070.50	2021-05
ETSI TS 137105 V 15.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 15.12.0 Release 15)	33.070.99	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 137105 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 16.7.0 Release 16)	33.070.99	2021-05
ETSI TS 137145-1 V 13.10.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 1: conducted conformance testing (3GPP TS 37.145-1 version 13.10.0 Release 13)	33.070.99	2021-05
ETSI TS 137145-1 V 14.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 1: conducted conformance testing (3GPP TS 37.145-1 version 14.8.0 Release 14)	33.070.99	2021-05
ETSI TS 138523-3 V 15.9.0	5G – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.9.0 Release 15)	33.070.99	2021-05
ETSI ES 201873-7 V 4.9.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 7: Using ASN.1 with TTCN-3	33.020	2021-05
ETSI ES 203790 V 1.3.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – TTCN-3 Language Extensions: Object-Oriented Features	33.020; 35.080; 35.100.60	2021-05
ETSI GS CDM 003 V 1.1.1	Common Information sharing environment service and Data Model (CDM) – CDM Architecture	35.080; 35.240.01	2021-05
ETSI GS CIM 013 V 1.1.1	Context Information Management (CIM) – NGSI-LD Test Purposes Descriptions	35.080; 35.240.01	2021-05
ETSI GS E4P 006 V 1.1.1	Europe for Privacy-Preserving Pandemic Protection (E4P) – Device-Based Mechanisms for pandemic contact tracing systems	13.200; 33.200; 35.240.99	2021-05
ETSI GS E4P 007 V 1.1.1	Europe for Privacy-Preserving Pandemic Protection (E4P) – Pandemic proximity tracing systems: Interoperability Framework	13.200; 33.200; 35.240.99	2021-05
ETSI GS E4P 008 V 1.1.1	Europe for Privacy-Preserving Pandemic Protection (E4P) – Back-End mechanisms for pandemic contact tracing systems	13.200; 33.200; 35.240.99	2021-05
ETSI GR NFV-SOL 017 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – Report on protocol and data model solutions for Multi-site Connectivity Services	35.110	2021-05
ETSI GS NFV-IFA 005 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Or-Vi reference point – Interface and Information Model Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 005 V 4.2.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Or-Vi reference point – Interface and Information Model Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 006 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Vi-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 006 V 4.2.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Vi-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 007 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Or-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 007 V 4.2.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Or-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS NFV-IFA 008 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Ve-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 008 V 4.2.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Ve-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 010 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Functional requirements specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 010 V 4.2.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Functional requirements specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 014 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Network Service Templates Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 014 V 4.2.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Network Service Templates Specification	33.040.40; 35.110	2021-05
ETSI GS NFV-IFA 027 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Performance Measurements Specification	35.110	2021-05
ETSI GS NFV-IFA 027 V 4.2.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Performance Measurements Specification	35.110	2021-05
ETSI GS NFV-SOL 004 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – VNF Package and PNFD Archive specification	33.040.40; 35.110	2021-05
ETSI GS NFV-SOL 014 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – YAML data model specification for descriptor-based virtualised resource management	35.110	2021-05
EN 300338-1 V 1.6.1	Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service – Part 1: Common requirements	33.060.20; 47.020.70	2021-05
EN 302186 V 2.2.1	Satellite Earth Stations and Systems (SES) – Satellite mobile Aircraft Earth Stations (AESs) operating in the 11/12/14 GHz frequency bands – Harmonised Standard for access to radio spectrum	33.060.30; 33.070.40	2021-05
EN 303980 V 1.2.1	Satellite Earth Stations and Systems (SES) – Fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz frequency bands – Harmonised Standard for access to radio spectrum	33.060.30; 33.070.40	2021-05
EN 319401 V 2.3.1	Electronic Signatures and Infrastructures (ESI) – General Policy Requirements for Trust Service Providers	35.240.30	2021-05
EN 319411-1 V 1.3.1	Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 1: General requirements	35.240.30	2021-05
EN 319411-2 V 2.3.1	Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 2: Requirements for trust service providers issuing EU qualified certificates	35.240.30	2021-05

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 638-1	Paper, board, pulps and cellulosic nanomaterials – Determination of dry matter content by oven-drying method – Part 1: Materials in solid form	85.040; 85.060	2021-05
ISO 638-2	Paper, board, pulps and cellulosic nanomaterials – Determination of dry matter content by oven-drying method – Part 2: Suspensions of cellulosic nanomaterials	85.040; 85.060	2021-05
ISO 799-2	Ships and marine technology – Pilot ladders – Part 2: Maintenance, use, survey, and inspection	47.020.50	2021-05
ISO/TR 1281-1	Rolling bearings – Explanatory notes on ISO 281 – Part 1: Basic dynamic load rating and basic rating life	21.100.20	2021-05
ISO 1463	Metallic and oxide coatings – Measurement of coating thickness – Microscopical method	25.220.20; 25.220.40	2021-05
ISO 2313-1	Textiles – Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery – Part 1: Method of the horizontally folded specimen	59.080.30	2021-05
ISO 2313-2	Textiles – Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery – Part 2: Method of the vertically folded specimen	59.080.30	2021-05
ISO 3219-1	Rheology – Part 1: Vocabulary and symbols for rotational and oscillatory rheometry	83.080.01	2021-05
ISO 3219-2	Rheology – Part 2: General principles of rotational and oscillatory rheometry	83.080.01	2021-05
ISO 3408-2	Ball screws – Part 2: Nominal diameters, leads, nut dimensions and mounting bolts – Metric series	25.060.99	2021-05
ISO 3452-1	Non-destructive testing – Penetrant testing – Part 1: General principles	19.100	2021-05
ISO 3452-2	Non-destructive testing – Penetrant testing – Part 2: Testing of penetrant materials	19.100	2021-05
ISO 3613	Metallic and other inorganic coatings – Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys – Test methods	25.220.20	2021-05
ISO/TR 3985	Biotechnology – Data publication – Preliminary considerations and concepts	07.080	2021-05
ISO 4152	Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the apparent axial long-term modulus of pipes subject to beam bending	23.040.20	2021-05
ISO 4301-3	Cranes – Classification – Part 3: Tower cranes	53.020.20	2021-05
ISO 4727	Essential oil of palmarosa [<i>Cymbopogon martini</i> (Roxb.) W. Watson var. <i>motia</i>]	71.100.60	2021-05
ISO/PAS 5643	Tourism and related services – Requirements and guidelines to reduce the spread of Covid-19 in the tourism industry	03.100.01; 03.200.01	2021-05
ISO 6182-1	Fire protection – Automatic sprinkler systems – Part 1: Requirements and test methods for sprinklers	13.220.20	2021-05
ISO 6707-4	Buildings and civil engineering works – Vocabulary – Part 4: Facility management terms	01.040.91; 01.040.93; 03.080.10; 91.010.01; 93.010	2021-05
ISO/TR 6750-2	Earth-moving machinery – Operator's manual – Part 2: List of references	53.100	2021-05
ISO 7083	Technical product documentation – Symbols used in technical product documentation – Proportions and dimensions	01.100.20	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 7206-10 AMD 1	Implants for surgery – Partial and total hip-joint prostheses – Part 10: Determination of resistance to static load of modular femoral heads; Amendment 1	11.040.40	2021-05
ISO 7358	Essential oils of bergamot, lemon, bitter orange and lime, fully or partially reduced in bergapten – Determination of bergapten content by high-performance liquid chromatography (HPLC)	71.100.60	2021-05
ISO 8000-2 AMD 1	Data quality – Part 2: Vocabulary; Amendment 1	01.040.25; 25.040.40	2021-05
ISO/TS 8000-81	Data quality – Part 81: Data quality assessment: Profiling	25.040.40	2021-05
ISO 8041-2	Human response to vibration – Measuring instrumentation – Part 2: Personal vibration exposure meters	13.160	2021-05
ISO 8080	Aerospace – Anodic treatment of titanium and titanium alloys – Sulfuric acid process	49.040	2021-05
ISO 8081	Aerospace process – Chemical conversion coating for aluminium alloys – General purpose	49.040	2021-05
ISO 8178-5	Reciprocating internal combustion engines – Exhaust emission measurement – Part 5: Test fuels	13.040.50; 27.020	2021-05
ISO 8404	Tools for moulding – Angle pins	25.120.30	2021-05
ISO 8600-8	Endoscopes – Medical endoscopes and endotherapy devices – Part 8: Particular requirements for capsule endoscopes	11.040.55; 37.020	2021-05
ISO 8791-4	Paper and board – Determination of roughness/smoothness (air leak methods) – Part 4: Print-surf method	85.060	2021-05
ISO 10074	Anodizing of aluminium and its alloys – Specification for hard anodic oxidation coatings on aluminium and its alloys	25.220.20	2021-05
ISO 10140-1	Acoustics – Laboratory measurement of sound insulation of building elements – Part 1: Application rules for specific products	91.120.20	2021-05
ISO/TS 10303-18	Industrial automation systems and integration – Product data representation and exchange – Part 18: Description methods: SysML XMI to Web services transformation	25.040.40	2021-05
ISO 10631	Industrial valves – Metallic butterfly valves	23.060.99	2021-05
ISO 10962	Securities and related financial instruments – Classification of financial instruments (CFI) code	03.060	2021-05
ISO 11056	Sensory analysis – Methodology – Magnitude estimation method	67.240	2021-05
ISO 11199-1	Assistive products for walking manipulated by both arms – Requirements and test methods – Part 1: Walking frames	11.180.10	2021-05
ISO 11737-1 AMD 1	Sterilization of health care products – Microbiological methods – Part 1: Determination of a population of microorganisms on products; Amendment 1	07.100.10; 11.080.01	2021-05
ISO 11943	Hydraulic fluid power – Online automatic particle-counting systems for liquids – Methods of calibration and validation	23.100.60	2021-05
ISO 11992-3	Road vehicles – Interchange of digital information on electrical connections between towing and towed vehicles – Part 3: Application layer for equipment other than brakes and running gear	43.040.15	2021-05
ISO/TS 12025	Nanomaterials – Quantification of nano-object release from powders by generation of aerosols	07.120	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 12176-5	Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 5: Two-dimensional data coding of components and data exchange format for PE piping systems	23.040.20; 23.040.45; 75.200	2021-05
ISO 12743	Copper, lead, zinc and nickel concentrates – Sampling procedures for determination of metal and moisture content	73.060.99	2021-05
ISO 13131	Health informatics – Telehealth services – Quality planning guidelines	35.240.80	2021-05
ISO 13209-4	Road vehicles – Open Test sequence eXchange format (OTX) – Part 4: Expanded extensions interface definition	43.040.15; 43.180	2021-05
ISO 13256-1	Water-source heat pumps – Testing and rating for performance – Part 1: Water-to-air and brine-to-air heat pumps	27.080	2021-05
ISO 13256-2	Water-source heat pumps – Testing and rating for performance – Part 2: Water-to-water and brine-to-water heat pumps	27.080	2021-05
ISO 14097	Greenhouse gas management and related activities – Framework including principles and requirements for assessing and reporting investments and financing activities related to climate change	03.060; 13.020.20	2021-05
ISO 14501; IDF 171	Milk and milk powder – Determination of aflatoxin M1 content – Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography	67.100.10	2021-05
ISO 14632	Extruded sheets of polyethylene (PE-HD) – Requirements and test methods	83.140.10	2021-05
ISO 14930 AMD 1	Leather – Leather for dress gloves – Specification – Amendment 1: Colour fastness to to-and-fro rubbing, tear load and colour fastness to light	59.140.30	2021-05
ISO 15245-1	Gas cylinders – Parallel threads for connection of valves to gas cylinders – Part 1: Specification	23.020.35	2021-05
ISO/TS 15666	Acoustics – Assessment of noise annoyance by means of social and socio-acoustic surveys	13.140	2021-05
ISO 16075-3	Guidelines for treated wastewater use for irrigation projects – Part 3: Components of a reuse project for irrigation	13.060.01; 13.060.30	2021-05
ISO 16075-4	Guidelines for treated wastewater use for irrigation projects – Part 4: Monitoring	13.060.01; 13.060.30	2021-05
ISO 16486-5	Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 5: Fitness for purpose of the system	75.200; 83.140.30	2021-05
ISO/TS 16733-2	Fire safety engineering – Selection of design fire scenarios and design fires – Part 2: Design fires	13.220.01	2021-05
ISO 17215-3	Road vehicles – Video communication interface for cameras (VCIC) – Part 3: Camera message dictionary	43.040.15	2021-05
ISO 17225-2	Solid biofuels – Fuel specifications and classes – Part 2: Graded wood pellets	27.190; 75.160.40	2021-05
ISO 17536-1 AMD 1	Road vehicles – Aerosol separator performance test for internal combustion engines – Part 1: General; Amendment 1	43.060.20	2021-05
ISO 18114	Surface chemical analysis – Secondary-ion mass spectrometry – Determination of relative sensitivity factors from ion-implanted reference materials	71.040.40	2021-05
ISO 18119 AMD 1	Gas cylinders – Seamless steel and seamless aluminium-alloy gas cylinders and tubes – Periodic inspection and testing; Amendment 1	23.020.35	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 18310-2	Measurement and prediction of the ambient dose equivalent from patients receiving iodine 131 administration after thyroid ablation – Part 2: External effective dose of the caregivers after release from the hospital	13.280	2021-05
ISO 18326 AMD 1	Non-ducted portable air-cooled air conditioners and air-to-air heat pumps having a single exhaust duct – Testing and rating for performance; Amendment 1	23.120; 27.080	2021-05
ISO 18449	Green tea – Vocabulary	01.040.67; 67.140.10	2021-05
ISO 19085-17	Woodworking machines – Safety – Part 17: Edge banding machines fed by chains	79.120.10	2021-05
ISO 19126	Geographic information – Feature concept dictionaries and registers	35.240.70	2021-05
ISO/TS 19166	Geographic information – BIM to GIS conceptual mapping (B2GM)	35.240.70	2021-05
ISO 19170-1	Geographic information – Discrete Global Grid Systems Specifications – Part 1: Core Reference System and Operations, and Equal Area Earth Reference System	35.240.70	2021-05
ISO 19206-3	Road vehicles – Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions – Part 3: Requirements for passenger vehicle 3D targets	43.020	2021-05
ISO 19426-7	Structures for mine shafts – Part 7: Rope guides	73.020	2021-05
ISO 19694-1	Stationary source emissions – Determination of greenhouse gas emissions in energy-intensive industries – Part 1: General aspects	13.020.40; 13.040.40	2021-05
ISO 19935-3	Plastics – Temperature modulated DSC – Part 3: Separation of overlapping thermal transitions	83.080.01	2021-05
ISO 20184-3	Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for frozen tissue – Part 3: Isolated DNA	11.100.10	2021-05
ISO 20468-4	Guidelines for performance evaluation of treatment technologies for water reuse systems – Part 4: UV Disinfection	13.020.40; 13.060.01	2021-05
ISO/TS 20684-2	Intelligent transport systems – Roadside modules SNMP data interface – Part 2: Generalized field device basic management	03.220.20; 35.240.60	2021-05
ISO 21233	Heavy commercial vehicles and buses – Vehicle dynamics simulation and validation – Closing-curve test	43.080.01	2021-05
ISO/TS 21236-2	Nanotechnologies – Clay nanomaterials – Part 2: Specification of characteristics and measurements for clay nanoplates used for gas-barrier film applications	07.120	2021-05
ISO/TS 21364-1	Domestic gas cooking appliances – Safety – Part 1: General requirements	97.040.20	2021-05
ISO/TS 21364-21	Domestic gas cooking appliances – Safety – Part 21: Particular requirements for gas hobs, gas grills and gas griddles	97.040.20	2021-05
ISO/TS 21364-22	Domestic gas cooking appliances – Safety – Part 22: Particular requirements for ovens and compartment grills	97.040.20	2021-05
ISO 21640	Solid recovered fuels – Specifications and classes	75.160.10	2021-05
ISO 21782-4	Electrically propelled road vehicles – Test specification for electric propulsion components – Part 4: Performance testing of the DC/DC converter	43.120	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 21782-5	Electrically propelled road vehicles – Test specification for electric propulsion components – Part 5: Operating load testing of the motor system	43.120	2021-05
ISO 21782-7	Electrically propelled road vehicles – Test specification for electric propulsion components – Part 7: Operating load testing of the DC/DC converter	43.120	2021-05
ISO 21806-12	Road vehicles – Media Oriented Systems Transport (MOST) – Part 12: 50-Mbit/s balanced media physical layer	43.040.15	2021-05
ISO 21806-13	Road vehicles – Media Oriented Systems Transport (MOST) – Part 13: 50-Mbit/s balanced media physical layer conformance test plan	43.040.15	2021-05
ISO 21806-14	Road vehicles – Media Oriented Systems Transport (MOST) – Part 14: Lean application layer	43.040.15	2021-05
ISO 21806-15	Road vehicles – Media Oriented Systems Transport (MOST) – Part 15: Lean application layer conformance test plan	43.040.15	2021-05
ISO 21927-3	Smoke and heat control systems – Part 3: Specifications for powered smoke and heat exhaust ventilators	13.220.20	2021-05
ISO 22074-5	Railway infrastructure – Rail fastening systems – Part 5: Test method for electrical resistance	45.080	2021-05
ISO/TS 22295	Space environment (natural and artificial) – Modelling of space environment impact on nanostructured materials – General principles	49.140	2021-05
ISO/TS 22332	Security and resilience – Business continuity management systems – Guidelines for developing business continuity plans and procedures	03.100.01	2021-05
ISO/TS 22451	Recycling of rare earth elements – Methods for the measurement of rare earth elements in industrial waste and end-of-life products	13.030.30; 13.030.50	2021-05
ISO 22466	Traditional Chinese medicine – Laser acupoint devices	11.040.60	2021-05
ISO 22515	Water quality – Iron-55 – Test method using liquid scintillation counting	13.060.60; 17.240	2021-05
ISO 22547	Ships and marine technology – Performance test procedures for high-pressure pumps in LNG fuel gas supply systems (FGSS) for ships	47.020.99	2021-05
ISO/TS 22691	Health informatics – Token-based health information sharing	35.240.80	2021-05
ISO 22735	Road vehicles – Test method to evaluate the performance of lane-keeping assistance systems	43.020	2021-05
ISO 22955	Acoustics – Acoustic quality of open office spaces	13.140; 91.120.20	2021-05
ISO 23089-2	Implants for surgery – Pre-clinical mechanical assessment of spinal implants and particular requirements – Part 2: Spinal intervertebral body fusion devices	11.040.40	2021-05
ISO 23118	Molecular in vitro diagnostic examinations – Specifications for pre-examination processes in metabolomics in urine, venous blood serum and plasma	11.100.10	2021-05
ISO 23150	Road vehicles – Data communication between sensors and data fusion unit for automated driving functions – Logical interface	43.040.15	2021-05
ISO 23216	Carbon based films – Determination of optical properties of amorphous carbon films by spectroscopic ellipsometry	25.220.99	2021-05
ISO/TR 23262	GIS (geospatial) / BIM interoperability	35.240.67; 35.240.70	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TR 23304	Food products – Guidance on how to express vitamins and their vitamers content	67.040; 97.020	2021-05
ISO/TS 23541-1	Health informatics – Categorial structure for representation of 3D human body position system – Part 1: Bones	35.240.80	2021-05
ISO/TS 23624	Cranes – Safe use of high-performance fibre ropes in crane applications	53.020.30	2021-05
ISO 23632	Industrial valves – Design validation-testing of valves	23.060.01	2021-05
ISO 23673	Plastics – Elasticity index – Determination of elastic property of melts	83.080.01	2021-05
ISO 24068-1	Building and civil engineering sealants – Determination of the degree of cure – Part 1: Build-up of tensile properties in dumbbell-shaped specimens	91.100.50	2021-05
ISO 24068-2	Building and civil engineering sealants – Determination of the degree of cure – Part 2: Build-up of tensile and adhesion properties in test joint specimens	91.100.50	2021-05
ISO 24083	Information and documentation – International archives statistics	01.140.20	2021-05
ISO 24638	Space systems – Pressure components and pressure system integration	49.140	2021-05
ISO 26101-1	Acoustics – Test methods for the qualification of the acoustic environment – Part 1: Qualification of free-field environments	17.140.01	2021-05
ISO 29995	Education and learning services – Vocabulary	01.040.03; 03.180	2021-05
ISO 30415	Human resource management – Diversity and inclusion	03.100.30	2021-05
ISO/TS 30421	Human resource management – Turnover and retention metrics	03.080.30	2021-05
ISO/TS 30428	Human resource management – Skills and capabilities metrics cluster	03.100.30	2021-05
ISO/TS 30433	Human resource management – Succession planning metrics cluster	03.100.30	2021-05
ISO 37155-2	Framework for integration and operation of smart community infrastructures – Part 2: Holistic approach and the strategy for development, operation and maintenance of smart community infrastructures	13.020.20	2021-05
ISO 37164	Smart community infrastructures – Smart transportation using fuel cell light rail transit (FC-LRT)	13.020.20	2021-05
ISO 50003	Energy management systems – Requirements for bodies providing audit and certification of energy management systems	03.120.20; 27.015	2021-05
ISO 80369-7	Small-bore connectors for liquids and gases in healthcare applications – Part 7: Connectors for intravascular or hypodermic applications	11.040.25	2021-05

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 60335-2-67	Household and similar electrical appliances – Safety – Part 2-67: Particular requirements for floor treatment machines, for commercial use	23.080; 91.140.65; 97.080	2021-05
IEC 60335-2-68	Household and similar electrical appliances – Safety – Part 2-68: Particular requirements for spray extraction machines, for commercial use	97.020; 97.080	2021-05
IEC 60335-2-104	Household and similar electrical appliances – Safety – Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment	13.030.50; 27.200; 71.100.45	2021-05
IEC 60350-1 AMD 1	Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance; Amendment 1	97.040.20	2021-05
IEC 60350-1 Edition 2.1	Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance	97.040.20	2021-05
IEC 60350-2 AMD 1	Household electric cooking appliances – Part 2: Hobs – Methods for measuring performance; Amendment 1	97.040.20	2021-05
IEC 60350-2 Edition 2.1	Household electric cooking appliances – Part 2: Hobs – Methods for measuring performance	97.040.20	2021-05
IEC 60364-7-710	Low-voltage electrical installations – Part 7-710: Requirements for special installations or locations – Medical locations	11.140; 29.020; 91.140.50	2021-05
IEC 60601-2-63 AMD 2	Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment; Amendment 2	11.040.50; 11.060.20	2021-05
IEC 60601-2-63 Edition 1.2	Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment	11.040.50; 11.060.20	2021-05
IEC 60601-2-65 AMD 2	Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment; Amendment 2	11.040.50; 11.060.20	2021-05
IEC 60601-2-65 Edition 1.2	Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment	11.040.50; 11.060.20	2021-05
IEC 60695-11-11	Fire hazard testing – Part 11-11: Test flames – Determination of the characteristic heat flux for ignition from a non-contacting flame source	13.220.40; 29.020	2021-05
IEC/TS 60747-19-2	Semiconductor devices – Part 19-2: Smart sensors – Indication of specifications of sensors and power supplies to drive smart sensors for low power operation	31.080.01; 31.080.99	2021-05
IEC 61076-2-010	Connectors for electrical and electronic equipment – Product requirements – Part 2-010: Circular connectors – Detail specification for connectors with outer or inner push-pull locking mechanism, based on mating interfaces according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-113	31.220.10	2021-05
IEC 61215-1 Corrigendum 1	Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements; Corrigendum 1	27.160	2021-05
IEC 61400-12-1 Corrigendum 3	Wind energy generation systems – Part 12-1: Power performance measurements of electricity producing wind turbines; Corrigendum 3	27.180	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61557-12 AMD 1	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 12: Power metering and monitoring devices (PMD); Amendment 1	17.220.20; 29.080.01; 29.240.01	2021-05
IEC 61557-12 Edition 2.1	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 12: Power metering and monitoring devices (PMD)	17.220.20; 29.080.01; 29.240.01	2021-05
IEC 61558-2-4	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers for general applications	29.180	2021-05
IEC 61558-2-6	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers for general applications	29.180	2021-05
IEC 61784-3-2	Industrial communication networks – Profiles – Part 3-2: Functional safety fieldbuses – Additional specifications for CPF 2	25.040.40; 35.100.05; 35.160; 35.240.50	2021-05
IEC 61784-3-3	Industrial communication networks – Profiles – Part 3-3: Functional safety fieldbuses – Additional specifications for CPF 3	25.040.40; 35.100.05; 35.160; 35.240.50	2021-05
IEC 61784-3-8	Industrial communication networks – Profiles – Part 3-8: Functional safety fieldbuses – Additional specifications for CPF 8	25.040.40; 35.100.05; 35.160; 35.240.50	2021-05
IEC 61784-3-13	Industrial communication networks – Profiles – Part 3-13: Functional safety fieldbuses – Additional specifications for CPF 13	25.040.40; 35.100.05; 35.160; 35.240.50	2021-05
IEC 61996-1 AMD 1	Maritime navigation and radiocommunication equipment and systems – Shipborne voyage data recorder (VDR) – Part 1: Performance requirements, methods of testing and required test results; Amendment 1	47.020.70	2021-05
IEC 61996-1 Edition 2.1	Maritime navigation and radiocommunication equipment and systems – Shipborne voyage data recorder (VDR) – Part 1: Performance requirements, methods of testing and required test results	47.020.70	2021-05
IEC 62040-1 AMD 1	Uninterruptible power systems (UPS) – Part 1: Safety requirements; Amendment 1	29.160.40; 29.200	2021-05
IEC 62040-1 Edition 2.1	Uninterruptible power systems (UPS) – Part 1: Safety requirements	29.160.40; 29.200	2021-05
IEC 62044-2 Corrigendum 1	Cores made of soft magnetic materials – Measuring methods – Part 2: Magnetic properties at low excitation level; Corrigendum 1	29.100.10	2021-05
IEC 62106-9	Radio data system (RDS) -VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz – Part 9: RBDS – RDS variant used in North America	33.060.01; 33.160.20; 33.170	2021-05
IEC 62271-1 Interpretation Sheet 1	High-voltage switchgear and controlgear – Part 1: Common specifications for alternating current switchgear and controlgear; Interpretation Sheet 1	29.130.10	2021-05
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	29.130.10	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62271-200	High-voltage switchgear and controlgear – Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	29.130.10	2021-05
IEC 62282-7-2	Fuel cell technologies – Part 7-2: Test methods – Single cell and stack performance tests for solid oxide fuel cells (SOFCs)	27.070	2021-05
IEC 62595-2-5	Display lighting unit – Part 2-5: Measurement method for optical quantities of non-planar light sources	31.120; 31.260	2021-05
IEC 63002	Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices	31.020; 35.200	2021-05
IEC 63044-1 AMD 1	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 1: General requirements; Amendment 1	29.120.01; 29.120.99; 97.120	2021-05
IEC 63044-1 Edition 1.1	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 1: General requirements	29.120.01; 29.120.99; 97.120	2021-05
IEC 63044-3 AMD 1	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 3: Electrical safety requirements; Amendment 1	29.120.01; 29.120.99; 97.120	2021-05
IEC 63044-3 Edition 1.1	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 3: Electrical safety requirements	29.120.01; 29.120.99; 97.120	2021-05
IEC 63171-2	Connectors for electrical and electronic equipment – Part 2: Detail specification for 2-way, shielded or unshielded, free and fixed connectors: mechanical mating information, pin assignment and additional requirements for type 2	31.220.10	2021-05
IEC/PAS 63184	Assessment methods of the human exposure to electric and magnetic fields from wireless power transfer systems – Models, instrumentation, measurement and numerical methods and procedures (frequency range of 1 kHz to 30 MHz)	17.220.20	2021-05
IEC 63203-204-1	Wearable electronic devices and technologies – Part 204-1: Electronic textile – Test method for assessing washing durability of leisurewear and sportswear e-textile systems	59.080.01; 59.080.80	2021-05
IEC/PAS 63267-3-30	Fibre optic interconnecting devices and passive components – Fibre optic connector optical interfaces – Part 3-30: End face geometry – Angled PC end face PPS rectangular ferrule multimode A1b fibres	33.180.20	2021-05
IEC/PAS 63313	Position statement on germicidal UV-C irradiation UV-C safety guidelines	29.140.01	2021-05
IEC 63327	Automatic floor treatment machines for commercial use – Particular requirements	13.120; 97.080	2021-05
IEC 80369-5 Corrigendum 2	Small-bore connectors for liquids and gases in healthcare applications – Part 5: Connectors for limb cuff inflation applications; Corrigendum 2	11.040.25	2021-05
ISO/IEC 10373-6 AMD 1	Cards and security devices for personal identification – Test methods – Part 6: Contactless proximity objects – Amendment 1: Dynamic power level management	35.240.15	2021-05
ISO/IEC 14443-2 AMD 1	Cards and security devices for personal identification – Contactless proximity objects – Part 2: Radio frequency power and signal interface – Amendment 1: Dynamic power level management	35.240.15	2021-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 14443-3 AMD 1	Cards and security devices for personal identification – Contactless proximity objects – Part 3: Initialization and anticollision – Amendment 1: Dynamic power level management	35.240.15	2021-05
ISO/IEC 14443-4 AMD 1	Cards and security devices for personal identification – Contactless proximity objects – Part 4: Transmission protocol – Amendment 1: Dynamic power level management	35.240.15	2021-05
ISO/IEC 17839-2 AMD 1	Information technology – Biometric System-on-Card – Part 2: Physical characteristics – Amendment 1: Additional specifications for fingerprint biometric capture devices	35.240.15	2021-05
ISO/IEC 19795-1	Information technology – Biometric performance testing and reporting – Part 1: Principles and framework	35.240.15	2021-05
ISO/IEC TS 22924	Identification cards – Transport layer topologies – Configuration for HCI/HCP interchange	35.240.15	2021-05
ISO/IEC 23000-19 AMD 1	Information technology – Multimedia application format (MPEG-A) – Part 19: Common media application format (CMAF) for segmented media – Amendment 1: Additional CMAF HEVC media profiles	35.040.40	2021-05
ISO/IEC TR 23002-8	Information technology – MPEG video technologies – Part 8: Working practices using objective metrics for evaluation of video coding efficiency experiments	35.040.40	2021-05
ISO/IEC TR 23091-4	Information technology – Coding-independent code points – Part 4: Usage of video signal type code points	35.040.40	2021-05
ISO/IEC TR 24030	Information technology – Artificial intelligence (AI) – Use cases	35.020	2021-05
ISO/IEC TS 24192-1	Cards and security devices for personal identification – Communication between contactless readers and fare media used in public transport – Part 1: Implementation requirements for ISO/IEC 14443 (all parts)	03.220.20; 35.240.15; 35.240.60	2021-05
ISO/IEC TS 24192-2	Cards and security devices for personal identification – Communication between contactless readers and fare media used in public transport – Part 2: Test plan for ISO/IEC 14443 (all parts)	03.220.20; 35.240.15; 35.240.60	2021-05
ISO/IEC 30145-1	Information technology – Smart City ICT reference framework – Part 1: Smart city business process framework	13.020.20; 35.240.99	2021-05