

Hrvatski zavod za norme

Oglasnik za normativne dokumente

12/2017 prosinac, 2017.

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 nacрте hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije razvrstane po predmetnom ustroju 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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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 25, Ljevarstvo

HRN EN 12681-1:2017 en pr
Ljevarstvo – Radiografsko ispitivanje – 1. dio: Tehnika ispitivanja filmom (EN 12681-1:2017)
Founding – Radiographic testing – Part 1: Film techniques (EN 12681-1:2017)

HZN/TO 37, Terminologija

HRN ISO 21720:2017 en pr
XLIFF (XML format datoteke za razmjenu podataka za lokalizaciju) (ISO 21720:2017)
XLIFF (XML Localisation interchange file format) (ISO 21720:2017)

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 5175-1:2017 en pr
Oprema za plinsko zavarivanje – Sigurnosni uređaji – 1. dio: Ugrađen zaustavljač povratnog udara plamena (ISO 5175-1:2017; EN ISO 5175-1:2017)
Gas welding equipment – Safety devices – Part 1: Devices incorporating a flame (flashback) arrestor (ISO 5175-1:2017; EN ISO 5175-1:2017)

HRN EN ISO 5175-2:2017 en pr
Oprema za plinsko zavarivanje – Sigurnosni uređaji – 2. dio: Bez ugrađenog zaustavljača povratnog udara plamena (ISO 5175-2:2017; EN ISO 5175-2:2017)
Gas welding equipment – Safety devices – Part 2: Not incorporating a flame (flashback) arrestor (ISO 5175-2:2017; EN ISO 5175-2:2017)

HRN EN ISO 10675-2:2017 en pr
Nerazorno ispitivanje zavarenih spojeva – Razine prihvatljivosti za radiografsko ispitivanje – 2. dio: Aluminij i njegove legure (ISO 10675-2:2017; EN ISO 10675-2:2017)
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 2: Aluminium and its alloys (ISO 10675-2:2017; EN ISO 10675-2:2017)

HRN EN ISO 17640:2017 en pr
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje – Tehnike, razine ispitivanja i ocjenjivanje (ISO 17640:2017; EN ISO 17640:2017)
Non-destructive testing of welds – Ultrasonic testing – Techniques, testing levels, and assessment (ISO 17640:2017; EN ISO 17640:2017)

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

HRN ISO 23081-1:2017 en pr
Informacije i dokumentacija – Procesi upravljanja zapisima – Metapodaci za zapise – 1. dio: Načela (ISO 23081-1:2017)
Information and documentation – Records management processes – Metadata for records – Part 1: Principles (ISO 23081-1:2017)

HZN/TO 69, Primjena statističkih metoda

HRN ISO 28590:2017 en pr
Postupci uzorkovanja pri pregledima prema obilježjima – Uvod u niz norma ISO 2859 za uzorkovanje pri pregledima prema obilježjima (ISO 28590:2017)
Sampling procedures for inspection by attributes – Introduction to the ISO 2859 series of standards for sampling for inspection by attributes (ISO 28590:2017)

HRN ISO 28591:2017 en pr
Planovi sekvencijskog uzorkovanja pri pregledima prema obilježjima (ISO 28591:2017)
Sequential sampling plans for inspection by attributes (ISO 28591:2017)

HRN ISO 28593:2017 en pr
Postupci uzorkovanja za prihvaćanje prema obilježjima – Sustav uzorkovanja za prihvaćanje bez ijedne greške ("accept-zero") koji se temelji na kreditnome načelu za nadzor izlazne kvalitete (ISO 28593:2017)
Acceptance sampling procedures by attributes – Accept-zero sampling system based on credit principle for controlling outgoing quality (ISO 28593:2017)

HRN ISO 28594:2017 en pr
Složeni sustavi uzorkovanja za prihvaćanje bez ijedne greške ("accept-zero") i postupci nadzora procesa za prihvaćanje proizvoda (ISO 28594:2017)
Combined accept-zero sampling systems and process control procedures for product acceptance (ISO 28594:2017)

HRN ISO 28597:2017 en pr
Prihvaćanje postupaka uzorkovanja prema obilježjima – Specificirane razine kvalitete u mjeri nesukladnih dijelova na milijun (ISO 28597:2017)
Acceptance sampling procedures by attributes – Specified quality levels in nonconforming items per million (ISO 28597:2017)

HRN ISO 28598-1:2017 en pr
Prihvaćanje postupaka uzorkovanja koji se temelje na načelu dodjele prioriteta („APP“) – 1. dio: Smjernice za „APP“ pristup (ISO 28598-1:2017)
Acceptance sampling procedures based on the allocation of priorities principle (APP) – Part 1: Guidelines for the APP approach (ISO 28598-1:2017)

HRN ISO 28598-2:2017 en pr
Prihvaćanje postupaka uzorkovanja koji se temelje na načelu dodjele prioriteta („APP“) – 2. dio: Koordinirani planovi jednostrukog uzorkovanja za prihvaćanje uzorkovanja prema obilježjima (ISO 28598-2:2017)
Acceptance sampling procedures based on the allocation of priorities principle (APP) – Part 2: Coordinated single sampling plans for acceptance sampling by attributes (ISO 28598-2:2017)

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

HRN EN 12102-1:2017 en pr
Klimatizacijski uređaji, rashladnici kapljevina, dizalice topline, procesni rashladnici i odvlaživači s kompresorima na električni pogon – Određivanje razine zvučne snage – 1. dio: Klimatizacijski uređaji, rashladnici kapljevina, dizalice topline za grijanje i hlađenje prostora, odvlaživači i procesni rashladnici (EN 12102-1:2017)
Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors – Determination of the sound power level – Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers (EN 12102-1:2017)

HZN/TO 92, Zaštita od požara

HRN EN 15882-1:2017 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar servisnih instalacija – 1. dio: Kanali (EN 15882-1:2011+A1:2017)
Extended application of results from fire resistance tests for service installations – Part 1: Ducts (EN 15882-1:2011+A1:2017)

HZN/TO 120, *Koža i obuća*

HRN EN ISO 20536:2017 en pr
Obuća – Kritične tvari potencijalno prisutne u obući i dijelovima obuće – Određivanje fenola u materijalima za obuću (ISO 20536:2017; EN ISO 20536:2017)
Footwear – Critical substances potentially present in footwear and footwear components – Determination of phenol in footwear materials (ISO 20536:2017; EN ISO 20536:2017)

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 5359:2015/A1:2017 en pr
Anestetička i respiracijska oprema – Niskotlačni cjevovodni dijelovi za primjenu s medicinskim plinovima (ISO 5359:2014/Amd 1:2017; EN ISO 5359:2014/A1:2017)
Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases (ISO 5359:2014/Amd 1:2017; EN ISO 5359:2014/A1:2017)

HZN/TO 130, *Grafička tehnologija*

HRN ISO 12634:2017 en pr
Grafička tehnologija – Određivanje ljepljivosti gustih bojila i veziva pomoću rotacijskog uređaja za mjerenje ljepljivosti (ISO 12634:2017)
Graphic technology – Determination of tack of paste inks and vehicles by a rotary tackmeter (ISO 12634:2017)

HZN/TO 134, *Gnojiva i poboljšivači tla*

HRN EN 13368-2:2017 en pr
Gnojiva – Određivanje kelatnih agensa u gnojivima kromatografijom – 2. dio: Određivanje željeza keliranog s [o, o] EDDHA, [o, o] EDDHMA i HBED ili količine kelatnih agensa ionskom kromatografijom (EN 13368-2:2017)
Fertilizers – Determination of chelating agents in fertilizers by chromatography – Part 2: Determination of Fe chelated by [o,o] EDDHA, [o,o] EDDHMA and HBED, or the amount of chelating agents, by ion pair chromatography (EN 13368-2:2017)

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN ISO 16371-2:2017 en pr
Nerazorno ispitivanje – Industrijska računalna radiografija s pohranom slike upotrebom fosfornih ploča – 2. dio: Osnovna načela za ispitivanje metalnih materijala upotrebom X zraka i gama zraka (ISO 16371-2:2017; EN ISO 16371-2:2017)
Non-destructive testing – Industrial computed radiography with storage phosphor imaging plates – Part 2: General principles for testing of metallic materials using X-rays and gamma rays (ISO 16371-2:2017; EN ISO 16371-2:2017)

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

HRN EN 1451-1:2017 en pr
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Polipropilen (PP) – 1. dio: Specifikacije za cijevi, spojnice i sustav (EN 1451-1:2017)
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Polypropylene (PP) – Part 1: Specifications for pipes, fittings and the system (EN 1451-1:2017)

HZN/TO 147, *Kvaliteta vode*

HRN EN ISO 9696:2017 en pr
Kvaliteta vode – Ukupna alfa aktivnost – Metoda ispitivanja upotrebom debelog izvora (ISO 9696:2017; EN ISO 9696:2017)
Water quality – Gross alpha activity – Test method using thick source (ISO 9696:2017; EN ISO 9696:2017)

HRN EN ISO 19340:2017 en pr
Kvaliteta vode – Određivanje otopljenoga perklorata – Metoda ionske kromatografije (IC) (ISO 19340:2017; EN ISO 19340:2017)
Water quality – Determination of dissolved perchlorate – Method using ion chromatography (IC) (ISO 19340:2017; EN ISO 19340:2017)

HZN/TO 159, *Ergonomija*

HRN ISO 1503:2017 en pr
Prostorna orijentacija i smjer kretanja – Ergonomski zahtjevi (ISO 1503:2008)
Spatial orientation and direction of movement – Ergonomic requirements (ISO 1503:2008)

HZN/TO 172, *Optika i optički instrumenti*

HRN ISO 8478:2017 en pr
Optika i fotonika – Objektivi – Mjerenje ISO spektralne propusnosti (ISO 8478:2017)
Optics and photonics – Camera lenses – Measurement of ISO spectral transmittance (ISO 8478:2017)

HRN EN ISO 14889:2013/A1:2017 en pr
Oftalmološka optika – Leće za naočale – Osnovni zahtjevi za neoblikovane gotove leće (ISO 14889:2013/Amd 1:2017; EN ISO 14889:2013/A1:2017)
Ophthalmic optics – Spectacle lenses – Fundamental requirements for uncut finished lenses (ISO 14889:2013/Amd 1:2017; EN ISO 14889:2013/A1:2017)

HRN EN ISO 16671:2015/A1:2017 en pr
Oftalmološki implantanti – Tekućine za ispiranje u oftalmološkoj kirurgiji (ISO 16671:2015/Amd 1:2017; EN ISO 16671:2015/A1:2017)
Ophthalmic implants – Irrigating solutions for ophthalmic surgery (ISO 16671:2015/Amd 1:2017; EN ISO 16671:2015/A1:2017)

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

HRI CEN/TR 115-3:2017 en pr
Sigurnost pokretnih stuba i pokretnih traka – 3. dio: Međusobni odnos norma EN 115-1:2008+A1:2010 i EN 115-1:2017 (CEN/TR 115-3:2017)
Safety of escalators and moving walks – Part 3: Correlation between EN 115-1:2008+A1:2010 and EN 115-1:2017 (CEN/TR 115-3:2017)

HZN/TO 182, *Geotehničke konstrukcije*

HRN EN ISO 22476-10:2017 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 10. dio: Ispitivanje s pomoću prodiranja utega (WST) (ISO 22476-10:2017; EN ISO 22476-10:2017)
Geotechnical investigation and testing – Field testing – Part 10: Weight sounding test (ISO 22476-10:2017; EN ISO 22476-10:2017)

HZN/TO 190, *Kvaliteta tla*

HRN ISO 14239:2017 en pr
Kvaliteta tla – Laboratorijski sustav inkubacije za mjerenje mineralizacije organskih spojeva u tlu u aerobnim uvjetima (ISO 14239:2017)
Soil quality – Laboratory incubation systems for measuring the mineralization of organic chemicals in soil under aerobic conditions (ISO 14239:2017)

HZN/TO 215, *Medicinska informatika*

HRN EN ISO 11073-10101:2008/A1:2017 en pr
Medicinska informatika – Povezivost medicinskog uređaja u trenutku liječenja – 10101. dio: Nomenklatura – Amandman 1: Dodatne definicije (ISO/IEEE 11073-10101:2004/Amd 1:2017; EN ISO 11073-10101:2005/A1:2017)
Health informatics – Point-of-care medical device communication – Part 10101: Nomenclature – Amendment 1: Additional definitions (ISO/IEEE 11073-10101:2004/Amd 1:2017; EN ISO 11073-10101:2005/A1:2017)

HZN/TO 503, *Metalni materijali*

HRN EN ISO 2143:2017 en pr
Anodna obrada aluminija i aluminijevih legura – Procjena gubitka apsorpcijske sposobnosti prevlaka anodnom oksidacijom nakon brtvljenja – Točkasto ispitivanje prije obrade kiselinom (ISO 2143:2017; EN ISO 2143:2017)
Anodizing of aluminium and its alloys – Estimation of loss of absorptive power of anodic oxidation coatings after sealing – Dye-spot test with prior acid treatment (ISO 2143:2017; EN ISO 2143:2017)

HRN EN 10207:2017 en pr
Čelici za jednostavne tlačne posude – Tehnički zahtjevi za isporuku limova, traka i šipki (EN 10207:2017)
Steels for simple pressure vessels – Technical delivery requirements for plates, strips and bars (EN 10207:2017)

HRN EN 10263-4:2017 en pr
Čelične šipke i žice za hladno gnječenje i hladno istiskivanje – 4. dio: Tehnički uvjeti isporuke za čelike za poboljšavanje (EN 10263-4:2017)
Steel rod, bars and wire for cold heading and cold extrusion – Part 4: Technical delivery conditions for steels for quenching and tempering (EN 10263-4:2017)

HRN EN 10263-5:2017 en pr
Čelične šipke i žice za hladno gnječenje i hladno istiskivanje – 5. dio: Tehnički uvjeti isporuke za nehrđajuće čelike (EN 10263-5:2017)
Steel rod, bars and wire for cold heading and cold extrusion – Part 5: Technical delivery conditions for stainless steels (EN 10263-5:2017)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 14713-3:2017 en pr
Cinkove prevlake – Smjernice i preporuke za zaštitu od korozije konstrukcija iz željeznog lijeva i čelika – 3. dio: Šerardiziranje (ISO 14713-3:2017; EN ISO 14713-3:2017)
Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 3: Sherardizing (ISO 14713-3:2017; EN ISO 14713-3:2017)

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

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN ISO 6416:2017 en pr
Hidrometrija – Mjerenje istjecanja ultrazvučnom metodom vremena prolaza (vremena odziva) (ISO 6416:2017; EN ISO 6416:2017)
Hydrometry – Measurement of discharge by the ultrasonic transit time (time of flight) method (ISO 6416:2017; EN ISO 6416:2017)

HRN ISO 9123:2017 en pr
Hidrometrija – Protočna krivulja određena na temelju pada vodnog lica (ISO 9123:2017)
Hydrometry – Stage-fall-discharge relationships (ISO 9123:2017)

HRN ISO 9276-4:2008/A1:2017 en pr
Prikaz rezultata analize veličine čestica – 4. dio: Karakterizacija procesa razvrstavanja – Amandman 1: Dodatna objašnjenja i manji ispravci (ISO 9276-4:2001/Amd 1:2017)
Representation of results of particle size analysis – Part 4: Characterization of a classification process – Amendment 1: Additional explanations and minor corrections (ISO 9276-4:2001/Amd 1:2017)

HZN/TO 515, Žičare, uspinjače i vučnice

HRN EN 1907:2017 en,fr,de pr
Sigurnosni zahtjevi za žičare za prijevoz osoba – Nazivlje (EN 1907:2017)
Safety requirements for cableway installations designed to carry persons – Terminology (EN 1907:2017)

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 13865:2017/Ispr.1:2017 en pr
Površine sportskih terena – Određivanje ponašanja lopte pri odskoku pod kutom – Tenis (EN 13865:2017/AC:2017)
Surfaces for sports areas – Determination of angled ball behaviour – Tennis (EN 13865:2017/AC:2017)

HZN/TO 521, Usluge održavanja

HRN EN 13306:2017 en,fr,de pr
Održavanje – Nazivlje u održavanju (EN 13306:2017)
Maintenance – Maintenance terminology (EN 13306:2017)

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN ISO/TS 17444-2:2017 en pr
Elektronička naplata – Značajke naplaćivanja – 2. dio: Ispitni okvir (ISO/TS 17444-2:2017; CEN ISO/TS 17444-2:2017)
Electronic fee collection – Charging performance – Part 2: Examination framework (ISO/TS 17444-2:2017; CEN ISO/TS 17444-2:2017)

HZN/TO 531, Plastika i guma

HRN EN ISO 899-1:2017 en pr
Plastika – Određivanje ponašanja pri puzanju – 1. dio: Rastežno puzanje (ISO 899-1:2017; EN ISO 899-1:2017)
Plastics – Determination of creep behaviour – Part 1: Tensile creep (ISO 899-1:2017; EN ISO 899-1:2017)

HRN EN ISO 10350-1:2017 en pr
Plastika – Dobivanje i predstavljanje usporedivih pojedinačnih podataka – 1. dio: Materijali za kalupljenje (ISO 10350-1:2017; EN ISO 10350-1:2017)
Plastics – Acquisition and presentation of comparable single-point data – Part 1: Moulding materials (ISO 10350-1:2017; EN ISO 10350-1:2017)

HRN EN 16820:2017 en pr
Gumena i plastična crijeva i crijevni uređaji za uporabu farmaceutskoj i biotehnološkoj industriji – Povezana elastomerna crijeva s podstavom ili bez nje (EN 16820:2017)
Rubber and plastics hoses and hose assemblies for use in the pharmaceutical and biotechnological industry – Bonded elastomeric hoses with or without a lining (EN 16820:2017)

HRN EN 16821:2017 en pr
Gumena i plastična crijeva i pribori za uporabu u farmaceutskoj i biotehnološkoj industriji – Silikonska gumena crijeva (EN 16821:2017)
Rubber and plastics hoses and hose assemblies for use in the pharmaceutical and biotechnological industry – Silicone rubber hoses (EN 16821:2017)

HRN EN ISO 22007-1:2017 en pr
Plastika – Određivanje toplinske vodljivosti i toplinske difuzivnosti – 1. dio: Opća načela (ISO 22007-1:2017; EN ISO 22007-1:2017)
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 1: General principles (ISO 22007-1:2017; EN ISO 22007-1:2017)

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-13:2017 en pr
Bitumske mješavine – Metode ispitivanja – 13. dio: Mjerenje temperature (EN 12697-13:2017)
Bituminous mixtures – Test methods – Part 13: Temperature measurement (EN 12697-13:2017)

HRN EN 12697-23:2017 en pr
Bitumske mješavine – Metode ispitivanja – 23. dio: Određivanje vlačne čvrstoće asfaltnih uzoraka neizravnom vlačnom metodom (EN 12697-23:2017)
Bituminous mixtures – Test methods – Part 23: Determination of the indirect tensile strength of bituminous specimens (EN 12697-23:2017)

HZN/TO 534, Spremnici za teret

HRN EN 16973:2017 en pr
Cestovna vozila za kombinirani transport – Poluprikolica – Vertikalno dizanje (EN 16973-23:2017)
Road vehicles for combined transport – Semitrailer – Vertical transshipment (EN 16973:2017)

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

HRN EN ISO 14253-1:2017 en pr
Geometrijske specifikacije proizvoda (GSP) – Pregled mjerenjem izradaka i opremom za mjerenje – 1. dio: Pravila odlučivanja za dokazivanje sukladnosti ili nesukladnosti sa specifikacijama (ISO 14253-1:2017; EN ISO 14253-1:2017)
Geometrical product specifications (GPS) – Inspection by measurement of workpieces and measuring equipment – Part 1: Decision rules for verifying conformity or nonconformity with specifications (ISO 14253-1:2017; EN ISO 14253-1:2017)

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

HRN EN ISO 9806:2017 en pr
Sunčeva energija – Sunčani toplinski kolektori – Metode ispitivanja (ISO 9806:2017; EN ISO 9806:2017)
Solar energy – Solar thermal collectors – Test methods (ISO 9806:2017; EN ISO 9806:2017)

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 13032-2:2017 en pr
Svjetlo i rasvjeta – Mjerenje i prikaz fotometričkih podataka izvora svjetla i rasvjetnih tijela – 2. dio: Prikaz podataka za unutrašnje i vanjske radne prostore (EN 13032-2:2017)
Light and lighting – Measurement and presentation of photometric data of lamps and luminaires – Part 2: Presentation of data for indoor and outdoor work places (EN 13032-2:2017)

HZN/TO 551, *Gradnja*

HRN EN ISO 8394-2:2017 en pr
Zgrade i inženjerske građevine – Određivanje svojstva istiskivanja brtvila – 2.dio: Uporaba normiranog uređaja (ISO 8394-2:2017; EN ISO 8394-2:2017)
Buildings and civil engineering works – Determination of extrudability for sealant – Part 2: Using standardized apparatus (ISO 8394-2:2017; EN ISO 8394-2:2017)

HZN/TO 557, *Zaštitna odjeća*

HRN EN 342:2017 en pr
Zaštitna odjeća – Kompleti i odjevni predmeti za zaštitu od hladnoće (EN 342:2017)
Protective clothing – Ensembles and garments for protection against cold (EN 342:2017)

HRN EN 13277-8:2017 en pr
Zaštitna oprema za borilačke sportove – 8. dio: Dodatni zahtjevi i metode ispitivanja štitnika za lice u karateu (EN 13277-8:2017)
Protective equipment for martial arts – Part 8: Additional requirements and test methods for karate face protectors (EN 13277-8:2017)

HRN EN 14058:2017 en pr
Zaštitna odjeća – Odjevni predmeti za zaštitu od hladne okoline (EN 14058:2017)
Protective clothing – Garments for protection against cool environments (EN 14058:2017)

HRN EN ISO 19918:2017 en pr
Zaštitna odjeća – Zaštita od kemikalija – Mjerenje kumulativne permeacije kemikalija s niskim tlakom pare kroz materijale (ISO 19918:2017; EN ISO 19918:2017)
Protective clothing – Protection against chemicals – Measurement of cumulative permeation of chemicals with low vapour pressure through materials (ISO 19918:2017; EN ISO 19918:2017)

HRN EN ISO 27065:2017 en pr
Zaštitna odjeća – Zahtjevi za svojstva zaštitne odjeće koju nose radnici koji primjenjuju pesticide i radnici koji ulaze u tretirano područje (ISO 27065:2017; EN ISO 27065:2017)
Protective clothing – Performance requirements for protective clothing worn by operators applying pesticides and for re-entry workers (ISO 27065:2017; EN ISO 27065:2017)

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

HRN EN 12627:2017 en pr
Industrijski ventili – Sučelno zavarivani krajevi za čelične ventile (EN 12627:2017)
Industrial valves – Butt welding ends for steel valves (EN 12627:2017)

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

HRN EN ISO 11508:2017 en pr
Kvaliteta tla – Određivanje gustoće čvrstih čestica (ISO 11508:2017; EN ISO 11508:2017)
Soil quality – Determination of particle density (ISO 11508:2017; EN ISO 11508:2017)

HZN/TO E9, *Električna oprema za željeznicu*

HRN EN 50343:2014/A1:2017 en pr
Željeznički sustav – Željeznička vozila – Pravila instaliranja ožičenja (EN 50343:2014/A1:2017)
Railway applications – Rolling stock – Rules for installation of cabling (EN 50343:2014/A1:2017)

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

HRN EN 62056-5-3:2017 en pr
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 5-3: Sloj primjene DLMS/COSEM-a (IEC 62056-5-3:2017; EN 62056-5-3:2017)
Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer (IEC 62056-5-3:2017; EN 62056-5-3:2017)

HZN/TO E17, *Sklopni i upravljački uređaji*

HRN EN 62683-1:2017 en pr
Niskonaponska sklopna aparatura – Strukture podataka za elektroničku razmjenu informacija o svojstvima proizvoda – 1. dio: Podaci za katalog (IEC 62683-1:2017; EN 62683-1:2017)
Low-voltage switchgear and controlgear – Product data and properties for information exchange – Part 1: Catalogue data (IEC 62683-1:2017; EN 62683-1:2017)

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

HRN EN 60335-1:2012/A13:2017 en pr
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi (EN 60335-1:2012/A13:2017)
Household and similar electrical appliances – Safety – Part 1: General requirements (EN 60335-1:2012/A13:2017)

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

HRN EN 61784-3-2:2017 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-2: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 2 (IEC 61784-3-2:2016; EN 61784-3-2:2017)
Industrial communication networks – Profiles – Part 3-2: Functional safety fieldbuses – Additional specifications for CPF 2 (IEC 61784-3-2:2016; EN 61784-3-2:2017)

HRN EN 62439-1:2011/A2:2017 en pr
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti – 1. dio: Opće koncepcije i metode izračuna (IEC 62439-1:2010/am2:2016; EN 62439-1:2010/A2:2017)
Industrial communication networks – High availability automation networks – Part 1: General concepts and calculation methods (IEC 62439-1:2010/am2:2016; EN 62439-1:2010/A2:2017)

HZN/TO E79, *Alarmni sustavi*

HRN EN 50134-2:2017 en pr
Alarmni sustavi – Socijalni alarmni sustavi – 2. dio: Naprave za okidanje (EN 50134-2:2017)
Alarm systems – Social alarm systems – Part 2: Trigger devices (EN 50134-2:2017)

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

HRN EN 62586-1:2017 en pr
Mjerenje kvalitete energije u sustavima opskrbe energijom – 1. dio: Instrumenti za mjerenje kvalitete energije (IEC 62586-1:2017; EN 62586-1:2017)
Power quality measurement in power supply systems – Part 1: Power quality instruments (PQI) (IEC 62586-1:2017; EN 62586-1:2017)

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

HRN EN 60728-13-1:2017 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 13-1: Povećanje širine pojasa za signal radiodifuzije preko (kod) FTTH (fibre to the home) sustava (IEC 60728-13-1:2017; EN 60728-13-1:2017)
Cable networks for television signals, sound signals and interactive services – Part 13-1: Bandwidth expansion for broadcast signal over FTTH system (IEC 60728-13-1:2017; EN 60728-13-1:2017)

HZN/TO Z1, *Informacijska tehnologija*

HRN ISO/IEC 2382-37:2017 en pr
Informacijska tehnologija – Rječnik – 37. dio: Biometrija (ISO/IEC 2382-37:2017)
Information technology – Vocabulary – Part 37: Biometrics (ISO/IEC 2382-37:2017)

HRN ISO/IEC 7812-1:2017 en pr
Identifikacijske kartice – Identifikacija izdavatelja – 1. dio: Sustav broječenja (ISO/IEC 7812-1:2017)
Identification cards – Identification of issuers – Part 1: Numbering system (ISO/IEC 7812-1:2017)

- HRN ISO/IEC 7812-2:2017 en pr
Identifikacijske kartice – Identifikacija izdavatelja – 2. dio: Postupci za programске usluge i registraciju (ISO/IEC 7812-2:2017)
Identification cards – Identification of issuers – Part 2: Application and registration procedures (ISO/IEC 7812-2:2017)
- HRN ISO/IEC 9594-8:2017 en pr
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)
- HRN ISO/IEC 10118-1:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Hash-funkcije – 1. dio: Općenito (ISO/IEC 10118-1:2016)
Information technology – Security techniques – Hash-functions – Part 1: General (ISO/IEC 10118-1:2016)
- HRN ISO/IEC 11770-3:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 3. dio: Mehanizmi korištenja asimetričnih tehnika (ISO/IEC 11770-3:2015+Cor 1:2016)
Information technology – Security techniques – Key management – Part 3: Mechanisms using asymmetric techniques (ISO/IEC 11770-3:2015+Cor 1:2016)
- HRN ISO/IEC 14888-3:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu (ISO/IEC 14888-3:2016, ispravljena verzija 2017-09)
Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms (ISO/IEC 14888-3:2016)
- HRN ISO/IEC 15946-1:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 1. dio: Općenito (ISO/IEC 15946-1:2016)
Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 1: General (ISO/IEC 15946-1:2016, Corrected version 2017-09)
- HRN ISO/IEC 15946-5:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 5. dio: Generiranje eliptičkih krivulja (ISO/IEC 15946-5:2017)
Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 5: Elliptic curve generation (ISO/IEC 15946-5:2017)
- HRN ISO/IEC 18031:2015/A1:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Stvaranje slučajnoga bita – Amandman 1: Determinističko stvaranje slučajnoga bita (ISO/IEC 18031:2011/Amd 1:2017)
Information technology – Security techniques – Random bit generation – Amendment 1: Deterministic random bit generation (ISO/IEC 18031:2011/Amd 1:2017)
- HRN ISO/IEC 18033-1:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Algoritmi šifriranja – 1. dio: Općenito (ISO/IEC 18033-1:2015)
Information technology – Security techniques – Encryption algorithms – Part 1: General (ISO/IEC 18033-1:2015)
- HRN ISO/IEC 24759:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Ispitni zahtjevi za kriptografske module (ISO/IEC 24759:2017)
Information technology – Security techniques – Test requirements for cryptographic modules (ISO/IEC 24759:2017)
- HRN ISO/IEC 27006:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja informacijskom sigurnošću (ISO/IEC 27006:2015)
Information technology – Security techniques – Requirements for bodies providing audit and certification of information security management systems (ISO/IEC 27006:2015)
- HRN ISO/IEC 27007:2017 en pr
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)
- HRN ISO/IEC 27033-1:2017 en pr
Informacijska tehnologija – Sigurnosne tehnike – Mrežna sigurnost – 1. dio: Pregled i koncepcija (ISO/IEC 27033-1:2015)
Information technology – Security techniques – Network security – Part 1: Overview and concepts (ISO/IEC 27033-1:2015)
- HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija**
- HRN EN ISO/IEC 17011:2017 en pr
Ocjenjivanje sukladnosti – Zahtjevi za akreditacijska tijela koja akreditiraju tijela za ocjenjivanje sukladnosti (ISO/IEC 17011:2017; EN ISO/IEC 17011:2017)
Conformity assessment – Requirements for accreditation bodies accrediting conformity assessment bodies (ISO/IEC 17011:2017; EN ISO/IEC 17011:2017)
- HRN EN ISO/IEC 17025:2017 en pr
Opći zahtjevi za osposobljenost ispitnih i umjernih laboratorija (ISO/IEC 17025:2017; EN ISO/IEC 17025:2017)
General requirements of testing and calibration laboratories (ISO/IEC 17025:2017; EN ISO/IEC 17025:2017)
- HZN/TU M1, Metalni materijali 1**
- HRN EN ISO 4492:2017 en pr
Metalni prah, osim praha za tvrde metale – Određivanje promjena dimenzija pri prešanju i sinteriranju (ISO 4492:2017; EN ISO 4492:2017)
Metallic powders, excluding powders for hardmetals – Determination of dimensional changes associated with compacting and sintering (ISO 4492:2017; EN ISO 4492:2017)
- HRN EN ISO 5754:2017 en pr
Sinterirani metalni materijali, osim tvrdih metala – Ispitni uzorak bez ureza za ispitivanje žilavosti (ISO 5754:2017; EN ISO 5754:2017)
Sintered metal materials, excluding hardmetals – Unnotched impact test piece (ISO 5754:2017; EN ISO 5754:2017)
- HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1**
- HRN EN 2346-005:2017 en pr
Zrakoplovstvo – Kabel, električni, otporan na vatru – Radne temperature između -65 °C i 260 °C – Dio 005: DW porodica, samostalno ispisivanje UV laserom i višezilni sklop – Male težine – Norma za proizvod (EN 2346-005:2017)
Aerospace series – Cable, electrical, fire resistant – Operating temperatures between -65 °C and 260 °C – Part 005: DW family, single UV laser printable and multicore assembly – Light weight – Product standard (EN 2346-005:2017)
- HRN EN 2997-006:2017 en pr
Zrakoplovstvo – Spojnice, električne, kružne, opremljene s navojnim prstenom, otporne na vatru ili neotporne na vatru, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – Dio 006: Utičnica s kontra maticom bez dotoka zraka – Norma za proizvod (EN 2997-006:2017)
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 006: Hermetic jam-nut mounted receptacle – Product standard (EN 2997-006:2017)
- HRN EN 4674-004:2017 en pr
Zrakoplovstvo – Električni kabeli, ugradnja – Samoomatajuća, oklopljena (EMI) zaštitna navlaka – Dio 004: Otvorena navlaka – Vanjsko područje pod kontroliranim tlakom – EMI zaštita 10 kA – Temperaturni raspon od -65 °C do 200 °C – Norma za proizvod (EN 4674-004:2017)
Aerospace series – Electrical cables, installation – Self-wrapping shielding (EMI) protective sleeve – Part 004: Open sleeve – Outside pressurized area – EMI protection 10 kA – Temperature range -65 °C to 200 °C – Product standard (EN 4674-004:2017)
- HRN EN 6049-008:2017 en pr
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitne navlake od meta-aramidnih vlakana – Dio 008: Samoomatajuća oklopljena (EMI) zaštitna navlaka s nikal-bakrenim opletom, prilagodljiva, za naknadnu ugradnju, radne temperature od -55 °C do 200 °C – Norma za proizvod (EN 6049-008:2017)
Aerospace series – Electrical cables, installation – Protective sleeves in meta-aramid fibres – Part 008: Self-wrapping shielded (EMI) protective sleeve with nickel copper braid, flexible post installation operating temperature from -55 °C to 200 °C – Product standard (EN 6049-008:2017)

HZN/TU U1, *Opća elektrotehnika 1*

HRN EN 61788-22-1:2017 en pr
Supravodljivost – Dio 22-1: Supravodljivi elektronički uređaji – Generička specifikacija za senzore i detektore (IEC 61788-22-1:2017; EN 61788-22-1:2017)
Superconductivity – Part 22-1: Superconducting electronic devices – Generic specification for sensors and detectors (IEC 61788-22-1:2017; EN 61788-22-1:2017)

HZN/TU V1, *Elektronika 1*

HRN EN 60793-2-10:2017 en pr
Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibres (IEC 60793-2-10:2017; EN 60793-2-10:2017)

HRN EN 62805-1:2017 en pr
Method for measuring photovoltaic (PV) glass – Part 1: Measurement of total haze and spectral distribution of haze (IEC 62805-1:2017; EN 62805-1:2017)

HRN EN 62805-2:2017 en pr
Method for measuring photovoltaic (PV) glass – Part 2: Measurement of transmittance and reflectance (IEC 62805-2:2017; EN 62805-2:2017)

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 6, *Papir, karton i pulpe*

prEN ISO 7263-1 en
Corrugating medium – Determination of the flat crush resistance after laboratory fluting – Part 1: A-flute (ISO/DIS 7263-1:2017)

prEN ISO 7263-2 en
Corrugating medium – Determination of the flat crush resistance after laboratory fluting – Part 2: B-flute (ISO/DIS 7263-2:2017)

HZN/TO 8, *Brodogradnja*

prEN ISO 12215-7 en
Small craft – Hull construction and scantlings – Part 7: Scantlings determination of multihulls (ISO/DIS 12215-7 :2017)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

prEN 14972-16 en
Fixed firefighting systems – Water mist systems – Part 16: Test protocol for industrial oil cookers for open nozzle systems

HZN/TO 22, *Cestovna vozila*

ISO 2974:2016 en
Diesel engines – 60° female cones for high-pressure fuel injection components
Dizelski motori – Unutarnji (ženski) stošci od 60° za sastavne dijelove ubrizgavanja goriva pod visokim tlakom

ISO 4251-2:2017 en
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 2: Tyre load ratings
Gume (nizovi s oznakom broja slojeva) i naplatci za poljoprivredne traktore i strojeve – 2. dio: Nazivne nosivosti guma

ISO 8535-1:2016 en
Diesel engines – Steel tubes for high-pressure fuel injection pipes – Part 1: Requirements for seamless cold-drawn single-wall tubes
Dizelski motori – Čelične cijevi za visokotlačne vodove za ubrizgavanje goriva – 1. dio: Zahtjevi za bešavne, hladno vučene jednostijene cijevi

ISO 8820-4:2016 en
Road vehicles – Fuse-links – Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures
Cestovna vozila – Ulošci osigurača – 4. dio: Ulošci osigurača sa ženskim kontaktima (A tipa) i kontaktima za spajanje vijkom (B tipa) i pribor za njihovo ispitivanje

ISO 11898-2:2016 en
Road vehicles – Controller area network (CAN) – Part 2: High-speed medium access unit
Cestovna vozila – Regulator mrežnog područja CAN) – 2. dio: Jedinica za pristup mediju velike brzine

prEN 17186 en
Identification of vehicles and infrastructures compatibility – Graphical expression for consumer information on EV power supply
Identifikacija kompatibilnosti vozila i infrastrukture – Grafičko označivanje priključka za punjenje električnog vozila (EV) kao informacija korisniku

HZN/TO 28, *Naftni proizvodi i maziva*

ISO 91:2017 en
Petroleum and related products – Temperature and pressure volume correction factors (petroleum measurement tables) and standard reference conditions
Nafta i srodni proizvodi – Korekcijski faktori obujma prema temperaturi i tlaku (tablice za mjerenje nafte) i standardni referentni uvjeti

HZN/TO 37, *Terminologija*

ISO 16642:2017 en
Computer applications in terminology – Terminological markup framework
Primjena računala u terminologiji – Okvir za terminološko obilježavanje

ISO 24614-1:2010 en
Language resource management – Word segmentation of written texts – Part 1: Basic concepts and general principles
Upravljanje jezičnim resursima – Segmentacija riječi pisanih tekstova – 1. dio: Osnovni pojmovi i opća načela

ISO 24615-1:2014 en
Language resource management – Syntactic annotation framework (SynAF) – Part 1: Syntactic model
Upravljanje jezičnim resursima – Okvir za sintaktičko označivanje (SynAF) – 1. dio: Sintaktički model

ISO 24617-4:2014 en
Language resource management – Semantic annotation framework (SemAF) – Part 4: Semantic roles (SemAF-SR)
Upravljanje jezičnim resursima – Okvir za semantičko označivanje (SemAF) – 4. dio: Semantičke uloge (SemAF-SR)

ISO 24617-6:2016 en
Language resource management – Semantic annotation framework – Part 6: Principles of semantic annotation (SemAF Principles)
Upravljanje jezičnim resursima – Okvir za semantičko označivanje – 6. dio: Načela semantičkog označivanja (načela SemAF-a)

ISO 24617-7:2014 en
Language resource management – Semantic annotation framework – Part 7: Spatial information (ISOspace)
Upravljanje jezičnim resursima – Okvir za semantičko označivanje – 7. dio: Prostorni podaci (ISO prostor)

ISO 24617-8:2016 en
Language resource management – Semantic annotation framework (SemAF) – Part 8: Semantic relations in discourse, core annotation schema (DR-core)
Upravljanje jezičnim resursima – Okvir za semantičko označivanje – 8. dio: Semantički odnosi u diskursu, jezgrena shema označivanja (DR jezgra)

ISO 24622-1:2015 en
Language resource management – Component Metadata Infrastructure (CMDI) – Part 1: The Component Metadata Model
Upravljanje jezičnim resursima – Infrastruktura metapodataka komponenti (CMDI) – 1. dio: Model metapodataka komponenti

ISO 24624:2016 en
Language resource management – Transcription of spoken language
Upravljanje jezičnim resursima – Transkripcija govornog jezika

HZN/TO 43, Akustika

prEN ISO 9053 en
Acoustics – Determination of static airflow resistance (ISO/DIS 9053:2017)

HZN/TO 120, Koža i obuća

prEN ISO 22700 en
Leather – Measurement of the colour and colour difference of finished leather (ISO/DIS 22700:2017)

HZN/TO 136, Namještaj

prEN 1130 en
Children's Furniture – Cribs and cradles – Safety requirements and test methods

prEN 17191 en
Children's Furniture – Seating for children – Safety requirements and test methods

HZN/TO 146, Kvaliteta zraka

ISO 16000-3:2011 en
Indoor air – Part 3: Determination of formaldehyde and other carbonyl compounds in indoor air and test chamber air – Active sampling method
Zrak u zatvorenom prostoru – 3. dio: Određivanje formaldehida i drugih karbonilnih spojeva u zatvorenom prostoru i ispitnim komorama – Metoda aktivnog uzorkovanja

HZN/TO 147/PO 7, Kvaliteta vode; Mikrobiološka i biološka ispitivanja

prEN 17204 en
Water quality – Guidance on analysis of mesozooplankton from marine and brackish water

prEN 17211 en
Water quality – Guidance on mapping of seagrasses and macroalgae in the eulittoral zone

HZN/TO 163, Toplinska izolacija

prEN 13495 en
Thermal insulation products for building applications – Determination of the pull-off resistance of external thermal insulation composite systems (ETICS) (foam block test)
Toplinsko-izolacijski proizvodi za primjenu u zgradarstvu – Određivanje otpornosti na čupanje povezanih sustava za vanjsku toplinsku izolaciju (ETICS) (ispitivanje pjenastim blokom)

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

prEN 81-40 en
Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna dizala za transport osoba i tereta – 40. dio: Stubišne i nagibne podizne platforme za prijevoz osoba sa posebnim potrebama

HZN/TO 179, Zidane konstrukcije

prEN 1015-11 en
Methods of test for mortar for masonry – Part 11: Determination of flexural and compressive strength of hardened mortar
Metode ispitivanja mortova za zide – 11. dio: Određivanje čvrstoće pri savijanju i tlačne čvrstoće očvrstlog morta

prEN 17193 en
Clay blocks for floor plates

HZN/TO 190, Kvaliteta tla

EN ISO 11074:2015/prA1 en
Soil quality – Vocabulary (ISO 11074:2015/DAM 1:2017)
Kvaliteta tla – Rječnik (ISO 11074:2015/DAM 1:2017)

ISO/DIS 15799 en
Soil quality – Guidance on the ecotoxicological characterization of soils and soil materials

ISO 18504:2017 en
Soil quality – Sustainable remediation
Kvaliteta tla – Održiva remedijacija

HZN/TO 502, Plinski uređaji

prEN 419 en
Gas-fired overhead luminous radiant heaters for non-domestic use – Safety and energy efficiency

HZN/TO 503, Metalni materijali

prEN 10225-4 en
Weldable structural steels for fixed offshore structures – Technical delivery conditions – Part 4: Cold formed welded hollow sections

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

prEN ISO 19904-1 en
Petroleum and natural gas industries – Floating offshore structures – Part 1: Ship-shaped, semi-submersible, spar and shallow-draught cylindrical structures (ISO/DIS 19904-1:2017)

HZN/TO 513, Mjerne jedinice i mjerila

prEN 12405-1 en
Gas meters – Conversion devices – Part 1: Volume conversion
Plinomjeri – Uređaji za pretvorbu/korekciju – 1. dio: Pretvorba/korekcija obujma

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

prEN 14702-3 en
Characterization and management of sludge – Determination of settling properties – Part 3: Determination of zone settling velocity (ZSV)
Karakterizacija i gospodarenje muljem – Određivanje svojstva slijezanja – 3. dio: Određivanje brzine zone slijezanja

prEN 17183 en
Evaluation of sludge density
Procjena gustoće mulja

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

prEN 13375 en
Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Specimen preparation
Savijljive hidroizolacijske trake – Hidroizolacija betonskih ploča mostova i drugih betonskih površina – Priprema ispitnih uzoraka

prEN 14695 en
Flexible sheets for waterproofing – Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete – Definitions and characteristics
Savijljive hidroizolacijske trake – Bitumenske trake s uloškom za hidroizolaciju betonskih ploča mostova i drugih betonskih površina – Definicije i značajke

HZN/TO 528, Oprema za željeznice

prEN 14033-4 en
Railway applications – Track – Railbound construction and maintenance machines – Part 4: Technical requirements for running, travelling and working on urban rail
Željeznički sustav – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 4. dio: Tehnički zahtjevi za vožnju, kretanje i rad na tračničkim sustavima javnoga gradskog prometa

prEN 15152 en
Railway applications – Windscreens for trains
Željeznički sustav – Vjetrobranska stakla za vlakove

HZN/TO 529, *Granici, dizalice i prenosila neprekidne dobove*

EN 13001-3-5:2016/prA1 en
Cranes – General design – Part 3-5: Limit states and proof of competence of forged hooks
Granici – Opće projektiranje – Dio 3-5: Granična stanja i dokaz sigurnosti kovanih kuka

HZN/TO 531, *Plastika i guma*

prEN 513 en
Plastics – Poly(vinyl chloride) (PVC) based profiles – Determination of the resistance to artificial weathering

prEN 14728 en
Imperfections in thermoplastic welds – Classification
Nedostaci plastomernih zavara – Klasifikacija

HZN/TO 532, *Dimnjaci*

EN 16475-3:2016/prA1 en
Chimneys – Accessories – Part 3: Draught regulators, standstill opening devices and combined secondary air devices – Requirements and test methods
Dimnjaci – Pribor – 3. dio: Regulatori podtlaka, uređaji za zatvaranje i kombinirani sustavi za dovod sekundarnog zraka – Zahtjevi i metode ispitivanja

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

prEN 1527 en
Building hardware – Hardware for sliding doors and folding doors – Requirements and test methods
Građevni okovi – Okovi za klizna i složiva vrata – Zahtjevi i metode ispitivanja

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

prEN 17192 en
Ductwork – Non-metallic ductwork – Requirements and test methods
Razvod kanala – Nemetalni razvod kanala – Zahtjevi i metode ispitivanja

HZN/TO 555, *Medicinski proizvodi*

EN 13060:2014/prA1:2017 en
Small steam sterilizers
Mali sterilizatori na paru

FprCEN/TR 17223 en
Guidance on the relationship between EN ISO 13485:2016 (Medical devices – Quality management systems – Requirements for regulatory purposes) and European Medical Devices Regulation and In Vitro Diagnostic Medical Devices Regulation

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

EN 13445-2:2014/prA6 en
Unfired pressure vessels – Part 2: Materials
Neložene tlačne posude – 2. dio: Materijali

EN 13445-3:2014/prA8 en
Unfired pressure vessels – Part 3: Design
Neložene tlačne posude – 3. dio: Projektiranje

HZN/TO 563, *Sigurnost strojeva*

EN ISO 19353:2016/prA1 en
Safety of machinery – Fire prevention and fire protection (ISO 19353:2015/DAMd 1:2017)
Sigurnost strojeva – Prevencija požara i zaštita od požara (ISO 19353:2015/DAMd 1:2017)

HZN/TO 566, *Mlijeko i mliječni proizvodi*

prEN ISO 9233-1 en
Cheese, cheese rind and processed cheese – Determination of natamycin content – Part 1: Molecular absorption spectrometric method for cheese rind (ISO/FDIS 9233-1:2017)
Sir, kora sira i topljeni sir – Određivanje udjela natamicina – 1. dio: Metoda molekularne apsorpcijske spektrometrije za kora sira (ISO/FDIS 9233-1:2017)

prEN ISO 9233-2 en
Cheese, cheese rind and processed cheese – Determination of natamycin content – Part 2: High-performance liquid chromatographic method for cheese, cheese rind and processed cheese (ISO/FDIS 9233-2:2017)
Sir, kora sira i topljeni sir – Određivanje udjela natamicina – 2. dio: Metoda tekućinske kromatografije visokog učinka za sir, kora sira i topljeni sir (ISO/FDIS 9233-2:2017)

prEN ISO 17678 en
Milk and milk products – Determination of milk fat purity by gas chromatographic analysis of triglycerides (Reference method) (ISO/DIS 17678:2017)
Mlijeko i mliječni proizvodi – Određivanje čistoće mliječne masti plinskom kromatografijom analizom triacilglicerola (Referentna metoda) (ISO/DIS 17678:2017)

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

prEN 17203 en
Foodstuffs – Determination of citrinin in food by liquid chromatography tandem mass spectrometry (LC-MS/MS)

HZN/TO 569, *Hrana za životinje*

prEN 17194 en
Animal feeding stuffs: Methods of sampling and analysis – Determination of Deoxynivalenol, Aflatoxin B1, Fumonisin B1&B2, T-2 & HT-2 toxins, Zearalenone and Ochratoxin A in feed materials and compound feed by LC-MS/MS

HZN/TO 574, *Sustavi upravljanja kvalitetom, rizicima, vrijednostima i inovacijama*

ISO 10006:2017 en
Quality management – Guidelines for quality management in projects
Upravljanje kvalitetom – Smjernice za upravljanje kvalitetom u projektima

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

prEN ISO 23753-1 en
Soil quality – Determination of dehydrogenase activity in soils – Part 1: Method using triphenyltetrazolium chloride (TTC) (ISO/DIS 23753-1:2017)
Kvaliteta tla – Određivanje dehidrogenazne aktivnosti u tlu – 1. dio: Metoda s trifeniltetrazol kloridom (TTC) (ISO/DIS 23753-1:2017)

prEN ISO 23753-2 en
Soil quality – Determination of dehydrogenase activity in soils – Part 2: Method using iodotetrazolium chloride (INT) (ISO/DIS 23753-2)
Kvaliteta tla – Određivanje dehidrogenazne aktivnosti u tlu – 2. dio: Metoda sa jodtetrazol kloridom (INT) (ISO/DIS 23753-2)

HZN/TO E23, *Električni instalacijski pribor*

EN 60320-1:2015/prA1:2017 en
Appliance couplers for household and similar general purposes – Part 1: General requirements (IEC 60320-1:2015/am1:201X)
Aparatni utični pribor za kućanstvo i slične opće svrhe – 1. dio: Opći zahtjevi (IEC 60320-1:2015/am1:201X)

EN 60320-3:2014/prA1:2017 en
Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges (IEC 60320-3:2014/am1:201X)
Aparatni utični pribor za kućanstvo i slične opće svrhe – 3. dio: Normni listovi i granična mjerila (IEC 60320-3:2014/am1:201X)

EN 62423:2012/prAA:2017 en
Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses
Strujne zaštitne sklopke tip F i tip B sa i bez združene nadstrujne zaštite za kućanstvo i slične primjene

FprEN 62613-1:2017 en
Plugs, socket-outlets and ship couplers for high-voltage shore connection systems (HVSC-Systems) – Part 1: General requirements (IEC 62613-1:2011)

FprEN 62613-2:2017 en
Plugs, socket-outlets and ship couplers for high-voltage shore connection systems (HVSC-systems) – Part 2: Dimensional compatibility and interchangeability requirements for accessories to be used by various types of ships (IEC 62613-2:2016)

prEN 62962:2017 en
Particular requirements for load-shedding equipment (LSE) (IEC 62962:201X)

HZN/TO E31, Eksplozivne atmosfere

prEN 1127-1 en
Explosive atmospheres – Explosion prevention and protection – Part 1: Basic concepts and methodology
Eksplozivne atmosfere – Sprječavanje i zaštita od eksplozije – 1. dio: Osnovna načela i metodologija

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN 60969:2017 en
Self-ballasted compact fluorescent lamps for general lighting services – Performance requirements (IEC 60969:2016, MOD+Corr.1:2017)
Kompaktne fluorescentne žarulje za opću rasvjetu s vlastitom predspojnom napravom – Izvedbeni zahtjevi (IEC 60969:2016, MOD+Corr.1:2017)

EN 62717:2017/prA2:2017 en
LED modules for general lighting – Performance requirements (IEC 62717:2014/am2:201X)
Moduli svjetlećih dioda za opću rasvjetu – Izvedbeni zahtjevi (IEC 62717:2014/am2:201X)

HZN/TO E56, Pouzdanost

prEN 31010:2017 en
Risk management – Risk assessment techniques (IEC/ISO 31010:201X)
Upravljanje rizikom – Metode procjene rizika (IEC/ISO 31010:201X)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

prEN 50679 en
Household and similar electrical appliances with a radio communication interface and/or a radio determination interface – Safety

EN 60335-2-30:2009/prAC:2017 en
Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters
Kućanski i slični električni aparati – Sigurnost – Dio 2-30: Posebni zahtjevi za grijalice prostorija

HZN/TO E62, Električna oprema u medicinskoj praksi

prEN 61223-3-5:2017 en
Evaluation and routine testing in medical imaging departments – Part 3-5: Acceptance tests – Imaging performance of computed tomography X-ray equipment (IEC 61223-3-5:201X)
Vrednovanje i rutinska ispitivanja u odjelima za dobivanje medicinskih slika – Dio 3-5: Prihvatna ispitivanja – Kakvoća slika kompjutoriziranih tomografa (IEC 61223-3-5:201X)

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

prEN 62443-3-2:2017 en
Security for industrial automation and control systems – Part 3-2: Security risk assessment and system design (IEC 62443-3-2:201X)

HZN/TO E81, Zaštita od munje

prEN 62305-1:2017/prAA:2017 en
Protection against lightning – Part 1: General principles
Zaštita od munje – 1. dio: Opća načela

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

prEN 60268-4:2017 en
Sound system equipment – Part 4: Microphones (IEC 60268-4:201X)
Oprema audiosustava – 4. dio: Mikrofon (IEC 60268-4:201X)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

prEN 55012:2017 en
Vehicles, boats and devices with internal combustion engines or traction batteries – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers (CISPR 12:201X)

prEN 55036:2017 en
Electric and hybrid road vehicles – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers below 30 MHz (CISPR 36:201X)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

FprEN 50173-1 en
Information technology – Generic cabling systems – Part 1: General requirements
Informacijska tehnologija – Generički sustavi kabliranja – 1. dio: Opći zahtjevi

FprEN 50173-2 en
Information technology – Generic cabling systems – Part 2: Office spaces
Informacijska tehnologija – Generički sustavi kabliranja – 2. dio: Uredski prostori

FprEN 50173-3 en
Information technology – Generic cabling systems – Part 3: Industrial spaces
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Industrijski prostori

FprEN 50173-4 en
Information technology – Generic cabling systems – Part 4: Homes
Informacijska tehnologija – Generički sustavi kabliranja – 4. dio: Stambeni prostori

FprEN 50173-5 en
Information technology – Generic cabling systems – Part 5: Data centre spaces
Informacijska tehnologija – Generički sustavi kabliranja – 5. dio: Podatkovni centri

FprEN 50173-6 en
Information technology – Generic cabling systems – Part 6: Distributed building services
Informacijska tehnologija – Generički sustavi kabliranja – 6. dio: Distribuirani servisi u zgradi

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 300 132-1 V2.0.1:2017 en
Environmental Engineering (EE) – Power supply interface at the input to Information and Communication Technology (ICT) equipment – Part 1: Operated by Alternating Current (AC) source
Tehnologija za zaštitu okoliša (EE) – Sučelje za izvore napajanja na ulazu opreme informacijsko komunikacijske tehnologije (ICT) – 1. dio: Rad s izvorima izmjenične struje (AC)

Draft EN 300 328 V2.2.0:2017 en
Wideband transmission systems – Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques – Harmonised Standard for access to radio spectrum
Širokopoljasni bežični sustavi – Oprema za prijenos podataka koja radi u ISM frekvencijskom pojasu od 2,4 GHz i koristi širokopoljasne tehnike modulacije – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 316 V1.2.0:2017 en
Broadband Direct Air-to-Ground Communications – Equipment operating in the 1 900 MHz to 1 920 MHz and 5 855 MHz to 5 875 MHz frequency bands – Beamforming antennas – Harmonised Standard for access to radio spectrum
Širokopoljasne izravne komunikacije zrak-zemlja – Oprema koja radi u frekvencijskim pojasi od 1 900 MHz do 1 920 MHz i od 5 855 MHz do 5 875 MHz – Antene s mogućnošću oblikovanja usmjerenog snopa – Harmonizirana norma za pristup radijskom spektru

Draft EN 305 174-1 V1.0.0:2017 en
Access, Terminals, Transmission and Multiplexing (ATM) – Broadband Deployment and Lifecycle Resource Management – Part 1: Overview, common and generic aspects
Pristup, terminali, prijenos i multipleksiranje (ATM) – Širokopoljasna primjena i upravljanje životnim ciklusom elemenata sustava – 1. dio: Pregled, opći i generički aspekti

Draft EN 305 174-2 V1.0.0:2017 en
Access, Terminals, Transmission and Multiplexing (ATM) – Broadband Deployment and Lifecycle Resource Management – Part 2: ICT Sites
Pristup, terminali, prijenos i multipleksiranje (ATM) – Širokopoljasna primjena i upravljanje životnim ciklusom elemenata sustava – 2. dio: ICT lokacije

Draft EN 305 200-2-1 V1.1.0:2017 en
Access, Terminals, Transmission and Multiplexing (ATM) – Energy management – Operational infrastructures – Global KPIs – Part 2: Specific requirements – Sub-part 1: ICT Sites
Pristup, terminali, prijenos i multipleksiranje (ATM) – Upravljanje energijom – Operativna infrastruktura – Globalni ključni pokazivači izvedbe (KPI) – 2. dio: Posebni zahtjevi – 1. poddio: ICT lokacije

Draft EN 305 200-3-1 V1.1.0:2017 en
Access, Terminals, Transmission and Multiplexing (ATM) – Energy management – Operational infrastructures – Global KPIs – Part 3: ICT Sites – Sub-part 1: DCEM
Pristup, terminali, prijenos i multipleksiranje (ATM) – Upravljanje energijom – Operativna infrastruktura – Globalni ključni pokazivači izvedbe (KPI) – 3. dio: ICT lokacije – 1. poddio: DCEM

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

prEN 131-4 en
Ladders – Part 4: Single or multiple hinge-joint ladders
Ljestve – 4. dio: Zglobne ljestve s jednim ili više zglobova

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

prEN ISO 9167 en
Rapeseed – Determination of glucosinolates content – Method using high-performance liquid chromatography (ISO/DIS 9167/2017)
Repičino sjeme – Određivanje udjela glukozinolata – Metoda tekućinske kromatografije visokog učinka (ISO/DIS 9167/2017)

prEN ISO 18363-2 en
Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 2: Method using slow alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol (ISO/DIS 18363-2:2017)

prEN ISO/ASTM 52911-1 en
Additive manufacturing – Technical Design Guideline for Powder Bed Fusion – Part 1: Laser-based Powder Bed Fusion of metals (ISO/ASTM DIS 52911-1:2017)

prEN ISO/ASTM 52911-2 en
Additive manufacturing – Technical Design Guideline for Powder Bed Fusion – Part 2: Laser-based Powder Bed Fusion of Polymers (ISO/ASTM DIS 52911-2:2017)

HZN/TU N1, Nemetalni materijali 1

prEN 14243-1 en
Materials obtained from end of life tyres – Part 1: General definitions related to the methods for determining their dimension(s) and impurities

prEN 14243-2 en
Materials obtained from end of life tyres – Part 2: Granulates and powders – Methods for determining their dimension(s) and impurities, including free steel and free textile content

prEN 14243-3 en
Materials obtained from end of life tyres – Part 3: Shreds, cuts and chips – Methods for determining their dimension(s) including protruding filaments dimensions

prEN ISO 20504 en
Fine ceramics (advanced ceramics, advanced technical ceramics) – Mechanical properties of ceramic composites at room temperature – Determination of compressive behaviour (ISO/DIS 20504:2017)

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

EN ISO 11070:2014/prA1 en
Sterile single-use intravascular introducers, dilators and guidewires (ISO 11070:2014/DAM 1:2017)
Sterilni jednokratni instrumenti za uvođenje, dilatatori i vodilice (ISO 11070:2014/DAM 1:2017)

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

FprEN 2369 en
Aerospace series – Wires, heat resisting alloys – Diameter 0,2 mm ≤ D ≤ 8 mm – Dimensions

FprEN 3660-001 en
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 001: Technical specification
Zrakoplovstvo – Oprema utičnice kabela za kružne i kvadratne električne i optičke spojnice – Dio 001: Tehnička specifikacija

FprEN 3745-506 en
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 506: Impact resistance
Zrakoplovstvo – Vlakna i kabeli, optički, za zrakoplove – Metode ispitivanja – 506. dio: Otpornost na udar

FprEN 4730 en
Aerospace series – Anthropometric dimensioning of aircraft seats

FprEN 6109 en
Aerospace series – Static seal elements elastomer, moulded, phosphate ester resistant – Technical specification

prEN ISO 24134 en
Industrial trucks – Additional requirements for automated functions on trucks (ISO 24134:2006)

HZN/TU V1, Elektronika 1

EN 60603-7:2009/prA2:2017 en
Connectors for electronic equipment – Part 7: Detail specification for 8-way, unshielded, free and fixed connectors (IEC 60603-7:2008/am2:201X)

prEN 61010-2-051:2017 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-051: Particular requirements for laboratory equipment for mixing and stirring (IEC 61010-2-051:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-051: Posebni zahtjevi za laboratorijsku opremu za miješanje i stiring (IEC 61010-2-051:201X)

prEN 61010-2-061:2017 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization (IEC 61010-2-061:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-061: Posebni zahtjevi za laboratorijske atomske spektrometre s termičkom atomizacijom i ionizacijom (IEC 61010-2-061:201X)

prEN 61010-2-101:2017 en
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment (IEC 61010-2-101:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-101: Sigurnosni zahtjevi za in vitro dijagnostičku (IVD) medicinsku opremu (IEC 61010-2-101:201X)

- EN 61076-1:2006/prA1:2017 en
Connectors for electronic equipment – Product requirements – Part 1: Generic specification (IEC 61076-1:2006/am1:201X)
- prEN 61076-2-114:2017 en
Connectors for electronic equipment – Product requirements – Part 2-114: Circular connectors – Detail specification for data and power connectors with M8 screw-locking (IEC 61076-2-114:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

- CEN/FprTR 50674 en
Guidelines for the verification of household appliances under energy labelling and eco design
- EN 60675:1995/prA2:2017 en
Household electric direct-acting room heaters – Methods for measuring performance (IEC 60675:1994/am2:201X)
Kućanske sobne grijalice s izravnim grijanjem – Postupak mjerenja radnih značajki (IEC 60675:1994/am2:201X)
- prEN 62660-1:2017 en
Secondary lithium-ion cells for the propulsion of electric road vehicles – Part 1: Performance testing (IEC 62660-1:201X)
Sekundarni litij-ionski članci za pogon električnih cestovnih vozila – 1. dio: Ispitivanje značajki (IEC 62660-1:201X)
- prEN 62660-2:2017 en
Secondary lithium-ion cells for the propulsion of electric road vehicles – Part 2: Reliability and abuse testing (IEC 62660-2:201X)
Sekundarni litij-ionski članci za pogon električnih cestovnih vozila – 2. dio: Ispitivanje pouzdanosti i lošeg postupanja (IEC 62660-2:201X)

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavoda za norme donosi odluku o povlačenju hrvatske norme kada je donesena nova hrvatska norma ili kada je postojeća hrvatska norma postala neprimjenjiva.
Kada je koje područje uređeno propisima i neki od propisa (pravilnik, naredba, naputak) upućuje na norme koje su povučene, one se primjenjuju silom tih propisa i bit će, do izmjene propisa ili izradbe novih, na raspolaganju u Normoteci HZN-a.

HZN/TO 22, *Cestovna vozila*

- HRN ISO 4009:2003 en
Gospodarska vozila – Smještaj električnih i zračnih spojeva između vučnih vozila i prikolica (ISO 4009:2000)
Commercial vehicles – Location of electrical and pneumatic connections between towing vehicles and trailers (ISO 4009:2000)
- bez zamjene
- HRN ISO 4250-2:2015 en
Gume i naplatci za strojeve za zemljane radove – 2. dio: Nosivosti i tlakovi napuhivanja (ISO 4250-2:2014)
Earth-mover tyres and rims – Part 2: Loads and inflation pressures (ISO 4250-2:2014)
- bez zamjene
- HRN ISO 4251-2:2008 en
Gume (nizovi s oznakom PR ('ply rating')) i naplatci za poljoprivredne traktore i strojeve – 2. dio: Nazivne nosivosti guma (ISO 4251-2:2005)
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 2: Tyre load ratings (ISO 4251-2:2005)
- bez zamjene
- HRN ISO 4251-2:2008/A1:2014 en
Gume (nizovi s oznakom PR ("ply rating")) i naplatci za poljoprivredne traktore i strojeve – 2. dio: Nazivne nosivosti guma – Amandman 1 (ISO 4251-2:2005/Amd 1:2011)
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 2: Tyre load ratings – Amendment 1 (ISO 4251-2:2005/Amd 1:2011)
- bez zamjene

- HRN ISO 4251-3:2008 en
Gume (nizovi s oznakom PR ('ply rating')) i naplatci za poljoprivredne traktore i strojeve – 3. dio: Naplatci (ISO 4251-3:2006)
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 3: Rims (ISO 4251-3:2006)
- bez zamjene
- HRN ISO/TR 9310:2003 en
Cestovna vozila – Mjerenje dima kod motora s kompresijskim paljenjem (dizelski motori) – Provjera kratkim ispitivanjem u radu (ISO/TR 9310:1987)
Road vehicles – Smoke measurement of compression-ignition (diesel) engines – Survey of short in-service test (ISO/TR 9310:1987)
- bez zamjene
- HRN ISO 9458:2002 en
Osobni automobili – Električni spojevi na elektropokretačima (ISO 9458:1988)
Passenger cars – Starter motor electrical connections (ISO 9458:1988)
- bez zamjene

HZN/TO 25, *Ljevarstvo*

- HRN EN 12681:2003 en
Ljevarstvo – Radiografsko ispitivanje (EN 12681:2003)
Founding – Radiographic examination (EN 12681:2003)
- zamijenjena s: HRN EN 12681-1:2017

HZN/TO 44, *Zavarivanje i srodni postupci*

- HRN EN 730-1:2008 en
Oprema za plinsko zavarivanje – Sigurnosni uređaji – 1. dio: Uređaji s osiguračem protiv povratka plamena (EN 730-1:2002)
Gas welding equipment – Safety devices – Part 1: Incorporating a flame (flashback) arrestor (EN 730-1:2002)
- zamijenjena s: HRN EN ISO 5175-1:2017
- HRN EN 730-2:2008 en
Oprema za plinsko zavarivanje – Sigurnosni uređaji – 2. dio: Uređaji bez osigurača protiv povratka plamena (EN 730-2:2002)
Gas welding equipment – Safety devices – Part 2: Not incorporating a flame (flashback) arrestor (EN 730-2:2002)
- zamijenjena s: HRN EN ISO 5175-2:2017
- HRN EN ISO 10675-2:2013 en
Nerazorno ispitivanje zavarenih spojeva – Razine prihvatljivosti za radiografsko ispitivanje – 2. dio: Aluminij i njegove legure (ISO 10675-2:2010; EN ISO 10675-2:2013)
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 2: Aluminium and its alloys (ISO 10675-2:2010; EN ISO 10675-2:2013)
- zamijenjena s: HRN EN ISO 10675-2:2017
- HRN EN ISO 17640:2012 en
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje – Tehnike, razine ispitivanja i ocjenjivanje (ISO 17640:2010; EN ISO 17640:2010)
Non-destructive testing of welds – Ultrasonic testing – Techniques, testing levels and assessment (ISO 17640:2010; EN ISO 17640:2010)
- zamijenjena s: HRN EN ISO 17640:2017

HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije*

- HRN ISO 23081-1:2008 en
Informacije i dokumentacija – Proces i upravljanje zapisima – Metapodaci za zapise – 1. dio: Načela (ISO 23081-1:2006)
Information and documentation – Records management processes – Metadata for records – Part 1: Principles (ISO 23081-1:2006)
- zamijenjena s: HRN ISO 23081-1:2017

HZN/TO 69, *Primjena statističkih metoda*

- HRN ISO 2859-10:2016 en
Postupci uzorkovanja pri pregledima prema obilježjima – 10. dio: Uvod u niz norma ISO 2859 za uzorkovanje pri pregledima prema obilježjima (ISO 2859-10:2006)
Sampling procedures for inspection by attributes – Part 10: Introduction to the ISO 2859 series of standards for sampling for inspection by attributes (ISO 2859-10:2006)
- zamijenjena s: HRN ISO 28590:2017

HRN ISO 8422:2017 en

Planovi sekvencijskog uzorkovanja pri pregledima prema obilježjima (ISO 8422:2006)
Sequential sampling plans for inspection by attributes (ISO 8422:2006)
- zamijenjena s: HRN ISO 28591:2017

HRN ISO 13448-1:2012 en

Prihvaćanje postupaka uzorkovanja koji se temelje na načelu dodjele prioriteta („APP“) – 1. dio: Smjernice za „APP“ pristup (ISO 13448-1:2005)
Acceptance sampling procedures based on the allocation of priorities principle (APP) – Part 1: Guidelines for the APP approach (ISO 13448-1:2005)
- zamijenjena s: HRN ISO 28598-1:2017

HRN ISO 13448-2:2012 en

Prihvaćanje postupaka uzorkovanja koji se temelje na načelu dodjele prioriteta („APP“) – 2. dio: Koordinirani planovi jednostrukog uzorkovanja za prihvaćanje uzorkovanja po obilježjima (ISO 13448-2:2004)
Acceptance sampling procedures based on the allocation of priorities principle (APP) – Part 2: Coordinated single sampling plans for acceptance sampling by attributes (ISO 13448-2:2004)
- zamijenjena s: HRN ISO 28598-2:2017

HRN ISO 14560:2012 en

Prihvaćanje postupaka uzorkovanja po obilježjima – Specificirane razine kvalitete u mjeri nesukladnih dijelova na milijun (ISO 14560:2004)
Acceptance sampling procedures by attributes – Specified quality levels in nonconforming items per million (ISO 14560:2004)
- zamijenjena s: HRN ISO 28597:2017

HRN ISO 18414:2017 en

Postupci uzorkovanja za prihvaćanje po obilježjima – Sustav uzorkovanja za prihvaćanje bez ijedne greške („accept-zero“) koji se temelje na kreditnome načelu za nadzor izlazne kvalitete (ISO 18414:2006)
Acceptance sampling procedures by attributes – Accept-zero sampling system based on credit principle for controlling outgoing quality (ISO 18414:2006)
- zamijenjena s: HRN ISO 28593:2017

HRN ISO 21247:2017 en

Složeni sustavi uzorkovanja za prihvaćanje bez ijedne greške („accept-zero“) i postupci nadzora procesa za prihvaćanje proizvoda (ISO 21247:2005)
Combined accept-zero sampling systems and process control procedures for product acceptance (ISO 21247:2005)
- zamijenjena s: HRN ISO 28594:2017

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

HRN EN 12102:2013 en

Klimatizacijski uređaji, rashladnici kapljevina, dizalice topline i odvlaživači s kompresorima na električni pogon za grijanje i hlađenje prostora – Mjerenje buke koja se prenosi zrakom – Određivanje razine zvučne snage (EN 12102:2013)
Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors for space heating and cooling – Measurement of airborne noise – Determination of the sound power level (EN 12102:2013)
- zamijenjena s: HRN EN 12102-1:2017

HZN/TO 92, Zaštita od požara

HRN EN 15882-1:2012 en

Proširena primjena rezultata ispitivanja otpornosti na požar servisnih instalacija – 1. dio: Kanali (EN 15882-1:2011)
Extended application of results from fire resistance tests for service installations – Part 1: Ducts (EN 15882-1:2011)
- zamijenjena s: HRN EN 15882-1:2017

HZN/TO 130, Grafička tehnologija

HRN ISO 12634:2001 en

Grafička tehnologija – Određivanje ljepljivosti gustih bojila i prenositelja s pomoću rotacijskog mjerila ljepljivosti (ISO 12634:1996)
Graphic technology – Determination of tack of paste inks and vehicles by a rotary tackmeter (ISO 12634:1996)
- zamijenjena s: HRN ISO 12634:2017

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 13368-2:2013 en

Gnojiva – Određivanje kelatnih agensa u gnojivima kromatografijom – 2. dio: Određivanje željeza keliranog s o, o-EDDHA, o, o-EDDHMA i HBED ionskom kromatografijom (EN 13368-2:2012)
Fertilizers – Determination of chelating agents in fertilizers by chromatography – Part 2: Determination of Fe chelated by o, o-EDDHA, o, o-EDDHMA and HBED by ion pair chromatography (EN 13368-2:2012)
- zamijenjena s: HRN EN 13368-2:2017

HZN/TO 135, Nerazorna ispitivanja

HRN EN 14784-2:2007 en

Nerazorno ispitivanje – Industrijska računalna radiografija s uporabom fosfornih ploča – 2. dio: Osnovna načela za ispitivanje metalnih materijala uporabom X zraka i gama zraka (EN 14784-2:2005)
Non-destructive testing – Industrial computed radiography with storage phosphor imaging plates – Part 2: General principles for testing of metallic materials using X-rays and gamma rays (EN 14784-2:2005)
- zamijenjena s: HRN EN ISO 16371-2:2017

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

HRN EN 1451-1:2000 en

Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Polipropilen (PP) – 1. dio: Specifikacije za cijevi, spojnice i sustav (EN 1451-1:1998)
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Polypropylene (PP) – Part 1: Specifications for pipes, fittings and system (EN 1451-1:1998)
- zamijenjena s: HRN EN 1451-1:2017

HZN/TO 147/PO 2, Kvaliteta vode; Fizikalno-kemijske metode ispitivanja

HRN ISO 9696:2014 en

Kvaliteta vode – Mjerenje ukupne alfa aktivnosti u slatkoj vodi – Metoda debelog izvora (ISO 9696:2007)
Water quality – Measurement of gross alpha activity in non-saline water – Thick source method (ISO 9696:2007)
- zamijenjena s: HRN EN ISO 9696:2017

HZN/TO 172, Optika i optički instrumenti

HRN ISO 8478:2008 en

Fotografija – Objektiv – Mjerenje ISO spektralne propusnosti (ISO 8478:1996)
Photography – Camera lenses – Measurement of ISO spectral transmittance (ISO 8478:1996)
- zamijenjena s: HRN ISO 8478:2017

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

HRI CEN/TR 115-3:2010 en

Sigurnost pokretnih stuba i pokretnih traka – 3. dio: Međusobni odnos EN 115:1995 i njezinog amandmana te EN 115-1:2008 (CEN/TR 115-3:2009)
Safety of escalators and moving walks – Part 3: Correlation between EN 115:1995 and its amendments and EN 115-1:2008 (CEN/TR 115-3:2009)
- zamijenjena s: HRI CEN/TR 115-3:2017

HZN/TO 182, Geotehničke konstrukcije

HRS CEN ISO/TS 22476-10:2012 en

Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 10. dio: Ispitivanje s pomoću prodiranja utega (WST) (ISO/TS 22476-10:2005; CEN ISO/TS 22476-10:2005)
Geotechnical investigation and testing – Field testing – Part 10: Weight sounding test (ISO/TS 22476-10:2005; CEN ISO/TS 22476-10:2005)
- zamijenjena s: HRN EN ISO 22476-10:2017

HZN/TO 190, *Kvaliteta tla*

- HRN ISO 14239:2011 en
Kvaliteta tla – Laboratorijski sustav inkubacije za mjerenje mineralizacije organskih spojeva u tlu u aerobnim uvjetima (ISO 14239:1997)
Soil quality – Laboratory incubation systems for measuring the mineralization of organic chemicals in soil under aerobic conditions (ISO 14239:1997)
- zamijenjena s: HRN ISO 14239:2017

HZN/TO 503, *Metalni materijali*

- HRN EN ISO 2143:2010 en
Anodna obrada aluminija i aluminijevih legura – Procjena gubitka apsorpcijske sposobnosti prevlaka anodnom oksidacijom nakon brtvljenja – Točkasto ispitivanje prije obrade kiselinom (ISO 2143:2010; EN ISO 2143:2010)
Anodizing of aluminium and its alloys – Estimation of loss of absorptive power of anodic oxidation coatings after sealing – Dye-spot test with prior acid treatment (ISO 2143:2010; EN ISO 2143:2010)
- zamijenjena s: HRN EN ISO 2143:2017
- HRN EN 10207:2008 en
Čelici za jednostavne tlačne posude – Tehnički zahtjevi za isporuku limova, traka i šipki (EN 10207:2005)
Steels for simple pressure vessels – Technical delivery requirements for plates, strips and bars (EN 10207:2005)
- zamijenjena s: HRN EN 10207:2017
- HRN EN 10263-4/AC:2007 en
Čelične šipke i žice za hladno gnječenje i hladno istiskivanje – 4. dio: Tehnički uvjeti isporuke za čelike za poboljšavanje (EN 10263-4:2001/AC:2002)
Steel rod, bars and wire for cold heading and cold extrusion – Part 4: Technical delivery conditions for steels for quenching and tempering (EN 10263-4:2001/AC:2002)
- zamijenjena s: HRN EN 10263-4:2017
- HRN EN 10263-4:2002 en
Čelične šipke i žice za hladno gnječenje i hladno istiskivanje – 4. dio: Tehnički uvjeti isporuke za čelike za poboljšavanje (EN 10263-4:2001)
Steel rod, bars and wire for cold heading and cold extrusion – Part 4: Technical delivery conditions for steels for quenching and tempering (EN 10263-4:2001)
- zamijenjena s: HRN EN 10263-4:2017
- HRN EN 10263-5:2002 en
Čelične šipke i žice za hladno gnječenje i hladno istiskivanje – 5. dio: Tehnički uvjeti isporuke za nehrđajuće čelike (EN 10263-5:2001)
Steel rod, bars and wire for cold heading and cold extrusion – Part 5: Technical delivery conditions for stainless steels (EN 10263-5:2001)
- zamijenjena s: HRN EN 10263-5:2017

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

- HRN EN ISO 14713-3:2010 en
Cinkove prevlake – Smjernice i preporuke za zaštitu od korozije konstrukcija iz željeznog lijeva i čelika – 3. dio: Šerardiziranje (ISO 14713-3:2009; EN ISO 14713-3:2009+AC:2010)
Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 3: Sherardizing (ISO 14713-3:2009; EN ISO 14713-3:2009+AC:2010)
- zamijenjena s: HRN EN ISO 14713-3:2017

HZN/TO 513, *Mjerne jedinice i mjerila*

- HRN EN ISO 6416:2007 en
Hidrometrija – Mjerenje istjecanja ultrazvučnom (akustičkom) metodom (ISO 6416:2004; EN ISO 6416:2005)
Hydrometry – Measurement of discharge by the ultrasonic (acoustic) method (ISO 6416:2004; EN ISO 6416:2005)
- zamijenjena s: HRN EN ISO 6416:2017
- HRN ISO 9123:2009 en
Mjerenje protoka u otvorenim kanalima – Protočna krivulja određena na temelju pada vodnog lica (ISO 9123:2001)
Measurement of liquid flow in open channels – Stage-fall-discharge relationships (ISO 9123:2001)
- zamijenjena s: HRN ISO 9123:2017

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

- HRN EN 1907:2006 en
Sigurnosni zahtjevi za žičare za prijevoz osoba – Nazivlje (EN 1907:2005)
Safety requirements for cableway installations designed to carry persons – Terminology (EN 1907:2005)
- zamijenjena s: HRN EN 1907:2017

HZN/TO 521, *Usluge održavanja*

- HRN EN 13306:2011 en
Održavanje – Nazivlje u održavanju (EN 13306:2010)
Maintenance – Maintenance terminology (EN 13306:2010)
- zamijenjena s: HRN EN 13306:2017

HZN/TO 524, *Inteligentni transportni sustavi*

- HRS CEN ISO/TS 17444-2:2014 en
Elektronička naplata – Značajke naplaćivanja – 2. dio: Ispitni okvir (ISO/TS 17444-2:2013; CEN ISO/TS 17444-2:2013)
Electronic fee collection – Charging performance – Part 2: Examination Framework (ISO/TS 17444-2:2013; CEN ISO/TS 17444-2:2013)
- zamijenjena s: HRS CEN ISO/TS 17444-2:2017

HZN/TO 531, *Plastika i guma*

- HRN EN ISO 899-1:2008 en
Plastika – Određivanje ponašanja pri puzanju – 1. dio: Rastezno puzanje (ISO 899-1:2003; EN ISO 899-1:2003)
Plastics – Determination of creep behaviour – Part 1: Tensile creep (ISO 899-1:2003; EN ISO 899-1:2003)
- zamijenjena s: HRN EN ISO 899-1:2017
- HRN EN ISO 899-1:2008/A1:2015 en
Plastika – Određivanje ponašanja pri puzanju – 1. dio: Rastezno puzanje – Amandman 1 (ISO 899-1:2003/Amd 1:2015; EN ISO 899-1:2003/A1:2015)
Plastics – Determination of creep behaviour – Part 1: Tensile creep – Amendment 1 (ISO 899-1:2003/Amd 1:2015; EN ISO 899-1:2003/A1:2015)
- zamijenjena s: HRN EN ISO 899-1:2017
- HRN EN ISO 10350-1:2008 en
Plastika – Dobivanje i predstavljanje usporedivih pojedinačnih podataka – 1. dio: Materijali za kalupljenje (ISO 10350-1:2007; EN ISO 10350-1:2008)
Plastics – Acquisition and presentation of comparable single-point data – Part 1: Moulding materials (ISO 10350-1:2007; EN ISO 10350-1:2008)
- zamijenjena s: HRN EN ISO 10350-1:2017
- HRN EN ISO 10350-1:2008/A1:2014 en
Plastika – Dobivanje i predstavljanje usporedivih pojedinačnih podataka – 1. dio: Materijali za kalupljenje (ISO 10350-1:2007/Amd 1:2014; EN ISO 10350-1:2008/A1:2014)
Plastics – Acquisition and presentation of comparable single-point data – Part 1: Moulding materials (ISO 10350-1:2007/Amd 1:2014; EN ISO 10350-1:2008/A1:2014)
- zamijenjena s: HRN EN ISO 10350-1:2017
- HRN EN ISO 22007-1:2012 en
Plastika – Određivanje toplinske vodljivosti i toplinske difuzivnosti – 1. dio: Opća načela (ISO 22007-1:2009; EN ISO 22007-1:2012)
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 1: General principles (ISO 22007-1:2009; EN ISO 22007-1:2012)
- zamijenjena s: HRN EN ISO 22007-1:2017

HZN/TO 533, *Kolničke konstrukcije*

- HRN EN 12697-13:2003 en
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 13. dio: Mjerenje temperature (EN 12697-13:2000+AC:2001)
Bituminous mixtures – Test methods for hot mix asphalt – Part 13: Temperature measurement (EN 12697-13:2000+AC:2001)
- zamijenjena s: HRN EN 12697-13:2017
- HRN EN 12697-23:2004 en
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 23. dio: Određivanje vlačne čvrstoće asfaltnih uzoraka neizravnom vlačnom metodom (EN 12697-23:2003)
Bituminous mixtures – Test methods for hot mix asphalt – Part 23: Determination of the indirect tensile strength of bituminous specimens (EN 12697-23:2003)
- zamijenjena s: HRN EN 12697-23:2017

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

HRN EN ISO 14253-1:2014 en

Geometrijske specifikacije proizvoda (GSP) – Ispitivanje mjerenjem izradaka i opremom za mjerenje – 1. dio: Pravila odlučivanja za dokazivanje sukladnosti ili nesukladnosti sa specifikacijom (ISO 14253-1:2013; EN ISO 14253-1:2013)
Geometrical product specifications (GPS) – Inspection by measurement of workpieces and measuring equipment – Part 1: Decision rules for proving conformity or nonconformity with specification (ISO 14253-1:2013; EN ISO 14253-1:2013)
- zamijenjena s: HRN EN ISO 14253-1:2017

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

HRN EN ISO 9806:2014 en

Sunčeva energija – Toplinski kolektori Sunčeva zračenja – Metode ispitivanja (ISO 9806:2013; EN ISO 9806:2013)
Solar energy – Solar thermal collectors – Test methods (ISO 9806:2013; EN ISO 9806:2013)
- zamijenjena s: HRN EN ISO 9806:2017

HZN/TO 544, Strojni elementi

HRN ISO 2795:2008 en

Klizni ležajevi – Sinterirane čahure – Dimenzije i tolerancije (ISO 2795:1991)
Plain bearings – Sintered bushes – Dimensions and tolerances (ISO 2795:1991)
- bez zamjene

HRN ISO 3547-2:2008 en

Klizni ležajevi – Metalne čahure s prerezom – 2. dio: Podaci za mjerenje unutrašnjeg i vanjskog promjera (ISO 3547-2:2006)
Plain bearings – Wrapped bushes – Part 2: Test data for outside and inside diameters (ISO 3547-2:2006)
- bez zamjene

HRN ISO 3547-3:2008 en

Klizni ležajevi – Čahure s prerezom – 3. dio: Provrti za dovođenje maziva, kanali za raspoređivanje maziva i utori za podmazivanje (ISO 3547-3:2006)
Plain bearings – Wrapped bushes – Part 3: Lubrication holes, grooves and indentations (ISO 3547-3:2006)
- bez zamjene

HRN ISO 3548:2008 en

Klizni ležajevi – Tankostijeni poluležajevi s prirubnicom ili bez nje – Tolerancije, konstrukcijski detalji i postupci provjere (ISO 3548:1999)
Plain bearings – Thin-walled half bearings with or without flange – Tolerances, design features and methods of test (ISO 3548:1999)
- bez zamjene

HRN ISO 4378-1:2011 en,fr,de

Klizni ležajevi – Nazivi, definicije, razredba i simboli – 1. dio: Konstrukcija, ležajni materijali i njihova svojstva (ISO 4378-1:2009)
Plain bearings – Terms, definitions, classification and symbols – Part 1: Design, bearing materials and their properties (ISO 4378-1:2009)
- bez zamjene

HRN ISO 4378-2:2011 en,fr,de

Klizni ležajevi – Nazivi, definicije, razredba i simboli – 2. dio: Trenje i trošenje (ISO 4378-2:2009)
Plain bearings – Terms, definitions, classification and symbols – Part 2: Friction and wear (ISO 4378-2:2009)
- bez zamjene

HRN ISO 4378-3:2011 en,fr,de

Klizni ležajevi – Nazivi, definicije, razredba i simboli – 3. dio: Podmazivanje (ISO 4378-3:2009)
Plain bearings – Terms, definitions, classification and symbols – Part 3: Lubrication (ISO 4378-3:2009)
- bez zamjene

HRN ISO 4381:2008 en

Klizni ležajevi – Olovne i kositrene legure za lijevanje za višeslojne klizne ležajeve (ISO 4381:2000)
Plain bearings – Lead and tin casting alloys for multilayer plain bearings (ISO 4381:2000)
- bez zamjene

HRN ISO 4383:2008 en

Klizni ležajevi – Višeslojni materijali za tankostijene klizne ležajeve (ISO 4383:2000)
Plain bearings – Multilayer materials for thin-walled plain bearings (ISO 4383:2000)
- bez zamjene

HRN ISO 4384-1:2008 en

Klizni ležajevi – Ispitivanje tvrdoće ležajnih metala – 1. dio: Višeslojni materijali (ISO 4384-1:2000)
Plain bearings – Hardness testing of bearing metals – Part 1: Compound materials (ISO 4384-1:2000)
- bez zamjene

HRN ISO 4384-2:2008 en

Klizni ležajevi – Ispitivanje tvrdoće ležajnih metala – 2. dio: Jednoslojni materijali (ISO 4384-2:1982)
Plain bearings – Hardness testing of bearing metals – Part 2: Solid materials (ISO 4384-2:1982)
- bez zamjene

HRN ISO 4386-1:2008 en

Klizni ležajevi – Klizni ležajevi iz višeslojnih metala – 1. dio: Nedestruktivno ultrazvučno ispitivanje spoja (ISO 4386-1:1992)
Plain bearings – Metallic multilayer plain bearings – Part 1: Non-destructive ultrasonic testing of bond (ISO 4386-1:1992)
- bez zamjene

HRN ISO 4386-2:2008 en

Klizni ležajevi – Klizni ležajevi iz višeslojnih metala – 2. dio: Ispitivanje s razaranjem spoja za debljinu sloja ležajnog metala većeg od 2 mm ili jednakog (ISO 4386-2:1982)
Plain bearings – Metallic multilayer plain bearings – Part 2: Destructive testing of bond for bearing metal layer thicknesses greater than or equal to 2 mm (ISO 4386-2:1982)
- bez zamjene

HRN ISO 6279:2008 en

Klizni ležajevi – Aluminijske legure za lijevanje (ISO 6279:2006)
Plain bearings – Aluminium alloys for solid bearings (ISO 6279:2006)
- bez zamjene

HRN ISO 6336-5:2009 en

Proračun nosivosti cilindričnih zupčanika s ravnim ili kosim zubima – 5. dio: Čvrstoća i kvaliteta materijala (ISO 6336-5:2003)
Calculation of load capacity of spur and helical gears – Part 5: Strength and quality of materials (ISO 6336-5:2003)
- bez zamjene

HRN ISO 6524:2008 en

Klizni ležajevi – Tankostijeni poluležajevi – Provjera vanjske duljine (ISO 6524:1992)
Plain bearings – Thin-walled half-bearings – Checking of peripheral length (ISO 6524:1992)
- bez zamjene

HRN ISO 6526:2008 en

Klizni ležajevi – Prešani bimetalni odzivni poluprstenovi – Obilježja i tolerancije (ISO 6526:1983)
Plain bearings – Pressed bimetallic half thrust washers – Features and tolerances (ISO 6526:1983)
- bez zamjene

HRN ISO 7148-1:2008 en

Klizni ležajevi – Ispitivanje triboloških svojstava ležajnih materijala – 1. dio: Ispitivanje ležajnih metala (ISO 7148-1:1999)
Plain bearings – Testing of the tribological behaviour of bearing materials – Part 1: Testing of bearing metals (ISO 7148-1:1999)
- bez zamjene

HRN ISO 7148-2:2008 en

Klizni ležajevi – Ispitivanje triboloških svojstava ležajnih materijala – 2. dio: Ispitivanje polimernih ležajnih materijala (ISO 7148-2:1999)
Plain bearings – Testing of the tribological behaviour of bearing materials – Part 2: Testing of polymer-based bearing materials (ISO 7148-2:1999)
- bez zamjene

- HRN ISO 7902-1:2008 en
Hidrodinamički klizni ležajevi u ustaljenom radu – Kružno cilindrični ležajevi – 1. dio: Postupak izračunavanja (ISO 7902-1:1998)
Hydrodynamic plain journal bearings under steady-state conditions – Circular cylindrical bearings – Part 1: Calculation procedure (ISO 7902-1:1998)
- bez zamjene
- HRN ISO 10129:2008 en
Klizni ležajevi – Ispitivanje ležajnih metala – Otpornost na koroziju zbog djelovanja maziva u ustaljenim uvjetima (ISO 10129:2006)
Plain bearings – Testing of bearing metals – Resistance to corrosion by lubricants under static conditions (ISO 10129:2006)
- bez zamjene
- HRN ISO 10300-1:2010 en
Proračun nosivosti stožastih zupčanika – 1. dio: Uvod i opći utjecajni faktori (ISO 10300-1:2001)
Calculation of load capacity of bevel gears – Part 1: Introduction and general influence factors (ISO 10300-1:2001)
- bez zamjene
- HRN ISO 10300-2:2010 en
Proračun nosivosti stožastih zupčanika – 2. dio: Proračun nosivosti boka zuba (rupičenje) (ISO 10300-2:2001)
Calculation of load capacity of bevel gears – Part 2: Calculation of surface durability (pitting) (ISO 10300-2:2001)
- bez zamjene
- HRN ISO 10300-3:2010 en
Proračun nosivosti stožastih zupčanika – 3. dio: Proračun nosivosti korijena zuba (ISO 10300-3:2001)
Calculation of load capacity of bevel gears – Part 3: Calculation of tooth root strength (ISO 10300-3:2001)
- bez zamjene
- HRN ISO/TR 10828:2010 en
Pužni prijenosnici – Geometrija profila pužnih vijaka (ISO/TR 10828:1997+Cor 1:1998)
Worm gears – Geometry of worm profiles (ISO/TR 10828:1997+Cor 1:1998)
- bez zamjene
- HRN ISO 12130-2:2008 en
Klizni ležajevi – Hidrodinamički odzivni ležaj s nagibnim klizačima u ustaljenome radu – 2. dio: Funkcije za izračunavanje odzivnog ležaja s nagibnim klizačima (ISO 12130-2:2001)
Plain bearings – Hydrodynamic plain tilting pad thrust bearings under steady-state conditions – Part 2: Functions for calculation of tilting pad thrust bearings (ISO 12130-2:2001)
- bez zamjene
- HRN ISO 12131-2:2008 en
Klizni ležajevi – Hidrodinamički odzivni ležaj s nepomičnim klizačima u ustaljenome radu – 2. dio: Funkcije za izračunavanje odzivnog ležaja s nepomičnim klizačima (ISO 12131-2:2001)
Plain bearings – Hydrodynamic plain thrust pad bearings under steady-state conditions – Part 2: Functions for the calculation of thrust pad bearings (ISO 12131-2:2001)
- bez zamjene
- HRN ISO 12132:2008 en
Klizni ležajevi – Osiguranje kvalitete tankostijenih poluležajeva – Konstrukcija FMEA (ISO 12132:1999)
Plain bearings – Quality assurance of thin-walled half bearings – Design FMEA (ISO 12132:1999)
- bez zamjene
- HRN ISO 12167-1:2008 en
Klizni ležajevi – Hidrostatski radijalni klizni ležajevi s odvodnim kanalima – 1. dio: Proračun radijalnih kliznih ležajeva podmazivanih uljem s odvodnim kanalima (ISO 12167-1:2001)
Plain bearings – Hydrostatic plain journal bearings with drainage grooves under steady-state conditions – Part 1: Calculation of oil-lubricated plain journal bearings with drainage grooves (ISO 12167-1:2001)
- bez zamjene
- HRN ISO 12302:2008 en
Klizni ležajevi – Značajke kvalitete – Statistička kontrola (SPC) (ISO 12302:1993)
Plain bearings – Quality characteristics – Statistical process control (SPC) (ISO 12302:1993)
- bez zamjene
- HRN ISO 12308:2008 en
Klizni ležajevi – Čahure sa zazorom – 1. dio: Mjere (ISO 12308:1994)
Plain bearings – Wrapped bushes – Part 1: Dimensions (ISO 12308:1994)
- bez zamjene
- HRN ISO 13778:2008 en
Klizni ležajevi – Osiguranje kvalitete tankostijenih poluležajeva – Selektivno grupiranje ležajeva radi postizanja uskog područja zračnosti (ISO 13778:1999)
Plain bearings – Quality assurance of thin-walled half bearings – Selective assembly of bearings to achieve a narrow clearance range (ISO 13778:1999)
- bez zamjene
- HRN ISO 23509:2010 en
Geometrija stožastih i hipoidnih zupčanika (ISO 23509:2006)
Bevel and hypoid gear geometry (ISO 23509:2006)
- bez zamjene

HZN/TO 549, Svjetlo i rasvjeta

- HRN EN 13032-2:2008 en
Svjetlo i rasvjeta – Mjerenje i prikaz fotometričkih podataka izvora svjetla i rasvjetnih tjela – 2. dio: Prikaz podataka za unutrašnje i vanjske radne prostore (EN 13032-2:2004+AC:2007)
Light and lighting – Measurement and presentation of photometric data of lamps and luminaires – Part 2: Presentation of data for indoor and outdoor work places (EN 13032-2:2004+AC:2007)
- zamijenjena s: HRN EN 13032-2:2017

HZN/TO 551, Gradnja

- HRN EN ISO 8394-2:2011 en
Gradnja zgrada – Proizvodi za spajanje – 2. dio: Određivanje svojstva istiskivanja brtvila uporabom normiranog uređaja (ISO 8394-2:2010; EN ISO 8394-2:2010)
Building construction – Jointing products – Part 2: Determination of extrudability of sealants using standardized apparatus (ISO 8394-2:2010; EN ISO 8394-2:2010)
- zamijenjena s: HRN EN ISO 8394-2:2017
- HRN EN ISO 8394-2:2011/Ispr.1:2013 en
Gradnja zgrada – Proizvodi za spajanje – 2. dio: Određivanje svojstva istiskivanja brtvila uporabom normiranog uređaja (EN ISO 8394-2:2010/AC:2011)
Building construction – Jointing products – Part 2: Determination of extrudability of sealants using standardized apparatus (EN ISO 8394-2:2010/AC:2011)
- zamijenjena s: HRN EN ISO 8394-2:2017

HZN/TO 557, Zaštitna odjeća

- HRN EN 342:2005 en
Zaštitna odjeća – Kompleti i odjevni predmeti za zaštitu od hladnoće (EN 342:2004)
Protective clothing – Ensembles and garments for protection against cold (EN 342:2004)
- zamijenjena s: HRN EN 342:2017
- HRN EN 342:2005/Ispr.1:2008 en
Zaštitna odjeća – Kompleti i odjevni predmeti za zaštitu od hladnoće (EN 342:2004/AC:2008)
Protective clothing – Ensembles and garments for protection against cold (EN 342:2004/AC:2008)
- zamijenjena s: HRN EN 342:2017
- HRN EN 14058:2005 en
Zaštitna odjeća – Odjevni predmeti za zaštitu od hladne okoline (EN 14058:2004)
Protective clothing – Garments for protection against cool environments (EN 14058:2004)
- zamijenjena s: HRN EN 14058:2017

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

- HRN EN 12627:2002 en
Industrijski ventili – Sučelno zavarivi krajevi za čelične ventile (EN 12627:1999)
Industrial valves – Butt welding ends for steel valves (EN 12627:1999)
- zamijenjena s: HRN EN 12627:2017

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

HRN EN ISO 11508:2014 en
Kvaliteta tla – Određivanje gustoće čvrstih čestica (ISO 11508:1998; EN ISO 11508:2014)
Soil quality – Determination of particle density (ISO 11508:1998; EN ISO 11508:2014)
- zamijenjena s: HRN EN ISO 11508:2017

HZN/TO Z1, Informacijska tehnologija

HRN ISO/IEC 2382-37:2016 en
Informacijska tehnologija – Rječnik – 37. dio: Biometrija (ISO/IEC 2382-37:2012)
Information technology – Vocabulary – Part 37: Biometrics (ISO/IEC 2382-37:2012)
- zamijenjena s: HRN ISO/IEC 2382-37:2017

HRN ISO/IEC 7812-1:2014 en
Identifikacijske kartice – Identifikacija izdavatelja – 1. dio: Sustav obrojčivanja (ISO/IEC 7812-1:2006)
Identification cards – Identification of issuers – Part 1: Numbering system (ISO/IEC 7812-1:2006)
- zamijenjena s: HRN ISO/IEC 7812-1:2017

HRN ISO/IEC 7812-2:2014 en
Identifikacijske kartice – Identifikacija izdavatelja – 2. dio: Postupci za programске usluge i registraciju (ISO/IEC 7812-2:2007)
Identification cards – Identification of issuers – Part 2: Application and registration procedures (ISO/IEC 7812-2:2007)
- zamijenjena s: HRN ISO/IEC 7812-2:2017

HRN ISO/IEC 9594-8:2015 en
Informacijska tehnologija – Međusobno povezivanje otvorenih sustava – Imenik – 8. dio: Okviri certifikata javnog ključa i atributnog certifikata (ISO/IEC 9594-8:2014)
Information technology – Open Systems Interconnection – The Directory – Part 8: Public-key and attribute certificate frameworks (ISO/IEC 9594-8:2014)
- zamijenjena s: HRN ISO/IEC 9594-8:2017

HRN ISO/IEC 10118-1:2008 en
Informacijska tehnologija – Sigurnosne tehnike – Hash-funkcije – 1. dio: Općenito (ISO/IEC 10118-1:2000)
Information technology – Security techniques – Hash-functions – Part 1: General (ISO/IEC 10118-1:2000)
- zamijenjena s: HRN ISO/IEC 10118-1:2017

HRN ISO/IEC 11770-3:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 3. dio: Mehanizmi korištenja asimetričnih tehnika (ISO/IEC 11770-3:2008+Corr.1:2009)
Information technology – Security techniques – Key management – Part 3: Mechanisms using asymmetric techniques (ISO/IEC 11770-3:2008+Corr.1:2009)
- zamijenjena s: HRN ISO/IEC 11770-3:2017

HRN ISO/IEC 14888-3:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu (ISO/IEC 14888-3:2006+Corr.1:2007+Corr.2:2009)
Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms (ISO/IEC 14888-3:2006+Corr.1:2007+Corr.2:2009)
- zamijenjena s: HRN ISO/IEC 14888-3:2017

HRN ISO/IEC 14888-3:2013/A1:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu – Ruski standard za digitalni potpis korištenjem eliptičkih krivulja, Schnorrov standard za digitalni potpis, Schnorrov standard za digitalni potpis korištenjem eliptičkih krivulja i potpuni Schnorrov standard za digitalni potpis korištenjem eliptičkih krivulja (ISO/IEC 14888-3:2006/am1:2010)
Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms – Elliptic Curve Russian Digital Signature Algorithm, Schnorr Digital Signature Algorithm, Elliptic Curve Schnorr Digital Signature Algorithm, and Elliptic Curve Full Schnorr Digital Signature Algorithm (ISO/IEC 14888-3:2006/am1:2010)
- zamijenjena s: HRN ISO/IEC 14888-3:2017

HRN ISO/IEC 14888-3:2013/A2:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu – Optimiziranje ulaznih sažetaka (ISO/IEC 14888-3:2006/am2:2012)
Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms – Optimizing hash inputs (ISO/IEC 14888-3:2006/am2:2012)
- zamijenjena s: HRN ISO/IEC 14888-3:2017

HRN ISO/IEC 15946-1:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 1. dio: Općenito (ISO/IEC 15946-1:2008+Cor 1:2009)
Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 1: General (ISO/IEC 15946-1:2008+Cor 1:2009)
- zamijenjena s: HRN ISO/IEC 15946-1:2017

HRN ISO/IEC 15946-1:2013/Ispr.1:2014 en
Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 1. dio: Općenito (ISO/IEC 15946-1:2008/Cor 2:2014)
Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 1: General (ISO/IEC 15946-1:2008/Cor 2:2014)
- bez zamjene

HRN ISO/IEC 15946-5:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 5. dio: Generiranje eliptičkih krivulja (ISO/IEC 15946-5:2009+Corr.1:2012)
Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 5: Elliptic curve generation (ISO/IEC 15946-5:2009+Corr.1:2012)
- zamijenjena s: HRN ISO/IEC 15946-5:2017

HRN ISO/IEC 18028-4:2008 en
Informacijska tehnologija – Sigurnosne tehnike – Sigurnost mreže IT-a – 4. dio: Osiguravanje udaljenog pristupa (ISO/IEC 18028-4:2005)
Information technology – Security techniques – IT network security – Part 4: Securing remote access (ISO/IEC 18028-4:2005)
- bez zamjene

HRN ISO/IEC 18033-1:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Algoritmi šifriranja – 1. dio: Općenito (ISO/IEC 18033-1:2005+am1:2011)
Information technology – Security techniques – Encryption algorithms – Part 1: General (ISO/IEC 18033-1:2005+am1:2011)
- zamijenjena s: HRN ISO/IEC 18033-1:2017

HRN ISO/IEC 24759:2015 en
Informacijska tehnologija – Sigurnosne tehnike – Ispitni zahtjevi za kriptografske module (ISO/IEC 24759:2014)
Information technology – Security techniques – Test requirements for cryptographic modules (ISO/IEC 24759:2014)
- zamijenjena s: HRN ISO/IEC 24759:2017

HRN ISO/IEC 27006:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja informacijskom sigurnošću (ISO/IEC 27006:2011)
Information technology – Security techniques – Requirements for bodies providing audit and certification of information security management systems (ISO/IEC 27006:2011)
- zamijenjena s: HRN ISO/IEC 27006:2017

HRN ISO/IEC 27007:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za audit sustava upravljanja informacijskom sigurnošću (ISO/IEC 27007:2011)
Information technology – Security techniques – Guidelines for information security management systems auditing (ISO/IEC 27007:2011)
- zamijenjena s: HRN ISO/IEC 27007:2017

HRN ISO/IEC/TR 27015:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za upravljanje informacijskom sigurnošću za financijske usluge (ISO/IEC/TR 27015:2012)
Information technology – Security techniques – Information security management guidelines for financial services (ISO/IEC/TR 27015:2012)
- bez zamjene

HRN ISO/IEC 27033-1:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Mrežna sigurnost – 1. dio: Pregled i koncepcija (ISO/IEC 27033-1:2009)
Information technology – Security techniques – Network security – Part 1: Overview and concepts (ISO/IEC 27033-1:2009)
- zamijenjena s: HRN ISO/IEC 27033-1:2017

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRN EN ISO/IEC 17011:2005 en
Ocjena sukladnosti – Opći zahtjevi za akreditacijska tijela koja akreditiraju tijela za ocjenu sukladnosti (ISO/IEC 17011:2004; EN ISO/IEC 17011:2004)
Conformity assessment – General requirements for accreditation bodies accrediting conformity assessment bodies (ISO/IEC 17011:2004; EN ISO/IEC 17011:2004)
- zamijenjena s: HRN EN ISO/IEC 17011:2017

HRN EN ISO/IEC 17025:2007 hr,en
Opći zahtjevi za osposobljenost ispitnih i umjernih laboratorija (ISO/IEC 17025:2005+Cor.1:2006; EN ISO/IEC 17025:2005+AC:2006)
General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2005+Cor.1:2006; EN ISO/IEC 17025:2005+AC:2006)
- zamijenjena s: HRN EN ISO/IEC 17025:2017

HZN/TU M1, Metalni materijali 1

HRN EN ISO 4492:2013 en
Metalni prah, osim praha za tvrde metale – Određivanje promjena dimenzija pri prešanju i sinteriranju (ISO 4492:2013; EN ISO 4492:2013)
Metallic powders, excluding powders for hardmetals – Determination of dimensional changes associated with compacting and sintering (ISO 4492:2013; EN ISO 4492:2013)
- zamijenjena s: HRN EN ISO 4492:2017

HRN EN 25754:2008 en
Sinterirani metalni materijali, osim tvrdih metala – Ispitni uzorak bez ureza za ispitivanje žilavosti (ISO 5754:1978; EN 25754:1993)
Sintered metal materials, excluding hardmetals – Unnotched impact test piece (ISO 5754:1978; EN 25754:1993)
- zamijenjena s: HRN EN ISO 5754:2017

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

HRN EN 2346-005:2014 en
Nizovi o zrakoplovstvu – Kabel, električni, otporan na vatru – Radne temperature između -65 °C i 260 °C – 005. dio: DW porodica, samostalno ispisivanje UV laserom i višežilni sklop – Male težine – Norma za proizvod (EN 2346-005:2013)
Aerospace series – Cable, electrical, fire resistant – Operating temperatures between -65 °C and 260 °C – Part 005: DW family, single UV laser printable and multicore assembly – Light weight – Product standard (EN 2346-005:2013)
- zamijenjena s: HRN EN 2346-005:2017

HRN EN 2997-006:2008 en
Nizovi o zrakoplovstvu – Spojnice, električne, kružne, opremljene s navojnim prstenom, otporne na vatru ili neotporne na vatru, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – 006. dio: Utičnica s kontra maticom bez dotoka zraka – Norma za proizvod (EN 2997-006:2006)
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 006: Hermetic jam-nut mounted receptacle – Product standard (EN 2997-006:2006)
- zamijenjena s: HRN EN 2997-006:2017

HRN EN 4674-004:2015 en
Zrakoplovstvo – Električni kabeli, ugradnja – Samoosmatajuća, oklopljena (EMI) zaštitna navlaka – Dio 003: Otvorena navlaka – Vanjsko područje pod kontroliranim tlakom – EMI zaštita 10 kA – Temperaturni raspon od -65 °C do 200 °C – Norma za proizvod (EN 4674-004:2015)
Aerospace series – Electrical cables, installation – Self-wrapping shielding (EMI) protective sleeve – Part 004: Open sleeve – Outside pressurized area – EMI protection 10 kA – Temperature range -65 °C to 200 °C – Product standard (EN 4674-004:2015)
- zamijenjena s: HRN EN 4674-004:2017

HRN EN 6049-008:2013 en
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitne navlake od meta-aramidnih vlakana – Dio 008: Samoosmatajuća oklopljena (EMI) zaštitna navlaka s nikal-bakrenim opletom, prilagodljiva, za naknadnu ugradnju, radne temperature od -55 °C do 200 °C – Norma za proizvod (EN 6049-008:2013)
Aerospace series – Electrical cables, installation – Protective sleeves in meta-aramid fibres – Part 008: Self-wrapping shielded (EMI) protective sleeve with nickel copper braid, flexible post installation operating temperature from -55 °C to 200 °C – Product standard (EN 6049-008:2013)
- zamijenjena s: HRN EN 6049-008:2017

HZN/TU V1, Elektronika 1

HRN IEC/TR 61010-3-051:2000 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-051: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-051:1995 – Posebni zahtjevi za laboratorijsku opremu za miješanje i stiring (IEC/TR 61010-3-051:1999)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-051: Conformity verification report for IEC 61010-2-051:1995 – Particular requirements for laboratory equipment for mixing and stirring (IEC/TR 61010-3-051:1999)
- bez zamjene

HRN IEC/TR 61010-3-061:2000 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-061: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-061:1995 – Posebni zahtjevi za laboratorijske atomske spektrometre s termičkom atomizacijom i ionizacijom (IEC/TR 61010-3-061:1999)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-061: Conformity verification report for IEC 61010-2-061:1995 – Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization (IEC/TR 61010-3-061:1999)
- bez zamjene

HRN IEC/TR3 61010-3-101:2004 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-101: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-101:2002 – Posebni zahtjevi za in vitro dijagnostičku (IVD) medicinsku opremu (IEC/TR3 61010-3-101:2003)
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 3-101: Conformity verification report for IEC 61010-2-101:2002 – Particular requirements for in vitro diagnostic (IVD) medical equipment (IEC/TR3 61010-3-101:2003)
- bez zamjene

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 147/PO 7, Kvaliteta vode; Mikrobiološka i biološka ispitivanja

- **umjesto**
HRN EN 16150:2012
Kvaliteta vode – Smjernice za ravnomjerno uzorkovanje bentoskih makrobekraljeznjaka u plitkim **rječicama** prema zastupljenosti različitih staništa (EN 16150:2012)
Water quality – Guidance on pro-rata Multi-Habitat sampling of benthic macro-invertebrates from wadeable rivers (EN 16150:2012)
- **treba biti**
HRN EN 16150:2012
Kvaliteta vode – Smjernice za ravnomjerno uzorkovanje bentoskih makrobekraljeznjaka u plitkim **tekućicama** prema zastupljenosti različitih staništa (EN 16150:2012)
Water quality – Guidance on pro-rata Multi-Habitat sampling of benthic macro-invertebrates from wadeable rivers (EN 16150:2012)

HZN/TO 560, Tekstilni proizvodi

- **umjesto**

HRN EN ISO 105-C12:2008

Tekstilije – Ispitivanje postojanosti obojenja – Dio C12: Postojanost obojenja pri industrijskom pranju (ISO 105-C12:2004+**Cor 1:2007**; EN ISO 105-C12:2006+**AC:2007**)
Textiles – Tests for colour fastness – Part C12: Colour fastness to industrial laundering (ISO 105-C12:2004+**Cor 1:2007**; EN ISO 105-C12:2006+**AC:2007**)

- **treba biti**

HRN EN ISO 105-C12:2008

Tekstil – Ispitivanje postojanosti obojenja – Dio C12: Postojanost obojenja pri industrijskom pranju (ISO 105-C12:2004; EN ISO 105-C12:2006)
Textiles – Tests for colour fastness – Part C12: Colour fastness to industrial laundering (ISO 105-C12:2004; EN ISO 105-C12:2006)

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

- **umjesto**

HRN HD 60364-1:2010/A11:2017

Niskonaponske električne instalacije – 1. dio: Osnovna načela, određivanje općih značajka, definicije (HD 60364-1:2008/A11:2017)
Low-voltage electrical installations – Part 1: Fundamental principles, assessment of general characteristics, definitions (HD 60364-1:2008/A11:2017)

- **treba biti**

HRN HD 60364-1:2008/A11:2017

Niskonaponske električne instalacije – 1. dio: Osnovna načela, određivanje općih značajka, definicije (HD 60364-1:2008/A11:2017)
Low-voltage electrical installations – Part 1: Fundamental principles, assessment of general characteristics, definitions (HD 60364-1:2008/A11:2017)

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, koji nisu nužno uključeni u norme koje su prethodno objavljene. Obavijest o naslovima na hrvatskome jeziku smatra se službenom informacijom.

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 926 V1.2.1:2009 en pr

Satelitske zemaljske postaje i sustavi (SES) – Radiofrekvencijska i modulacijska norma za telemetriju, upravljanje i određivanje radijusa leta (TCR) komunikacijskih satelita (EN 301 926 V1.2.1:2002)
Satellite Earth Stations and Systems (SES) – Radio Frequency and Modulation Standard for Telemetry, Command and Ranging (TCR) of Geostationary Communications Satellites (EN 301 926 V1.2.1:2002)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Međunarodna normizacija
ISO

ISO 17100:2015/Amd 1:2017
Translation services – Requirements for translation services;
Amendment 1

01.040.03 Usluge. Ustrojstvo poduzeća, upravljanje i kvaliteta. Administracija. Prijevoz. Sociologija. (Rječnici)

Međunarodna normizacija
ISO

IWA 27:2017
Guiding principles and framework for the sharing economy

01.040.13 Okoliš. Zaštita zdravlja. Sigurnost (Rječnici)

Međunarodna normizacija
ISO

ISO 10075-1:2017
Ergonomic principles related to mental workload – Part 1:
General issues and concepts, terms and definitions

01.040.25 Proizvodna tehnika (Rječnici)

Međunarodna normizacija
ISO

ISO 8000-2:2017
Data quality – Part 2: Vocabulary

01.040.31 Elektronika (Rječnici)

Međunarodna normizacija
IEC

IEC 62908-1-2:2017
Touch and interactive displays – Part 1-2: Generic – Terminology
and letter symbols

01.040.35 Informacijska tehnologija. Uredski strojevi (Rječnici)

Međunarodna normizacija
ISO

IWA 27:2017
Guiding principles and framework for the sharing economy

ISO/IEC/IEEE 24765:2017
Systems and software engineering – Vocabulary

IEC

ISO/IEC/IEEE 24765:2017
Systems and software engineering – Vocabulary

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Međunarodna normizacija
ISO

ISO 29464:2017
Cleaning of air and other gases – Terminology

01.110 Tehnička dokumentacija o proizvodu

Europska normizacija
CEN

EN 9300-005:2017
Aerospace series – LOTAR – Long Term Archiving and
Retrieval of digital technical product documentation such
as 3D, CAD and PDM data – Part 005: Authentication and
Verification

EN 9300-007:2017
Aerospace series – LOTAR – Long Term Archiving and
Retrieval of digital technical product documentation such as
3D, CAD and PDM data – Part 007: Terms and References

Međunarodna normizacija
ISO

ISO 8887-1:2017
Technical product documentation – Design for manufacturing,
assembling, disassembling and end-of-life processing
– Part 1: General concepts and requirements

ISO 13567-1:2017
Technical product documentation – Organization and naming
of layers for CAD – Part 1: Overview and principles

ISO 13567-2:2017
Technical product documentation – Organization and naming
of layers for CAD – Part 2: Concepts, format and codes used
in construction documentation

03.080.01 Usluge općenito

Međunarodna normizacija
ISO

IWA 27:2017
Guiding principles and framework for the sharing economy

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Međunarodna normizacija
ISO

ISO 21503:2017
Project, programme and portfolio management – Guidance
on programme management

03.100.10 Nabava. Opskrba. Logistika

Međunarodna normizacija
IEC

IEC/TR 62978:2017
HVDC installations – Guidelines on asset management

03.100.30 Upravljanje ljudskim resursima

Međunarodna normizacija
ISO

ISO/IEC TR 20748-2:2017
Information technology for learning, education and training
– Learning analytics interoperability – Part 2: System
requirements

03.100.70 Sustavi upravljanja

Međunarodna normizacija ISO

ISO 15378:2017
Primary packaging materials for medicinal products
– Particular requirements for the application of ISO 9001:2015,
with reference to good manufacturing practice (GMP)

03.180 Izobrazba

Međunarodna normizacija ISO

ISO/IEC TR 20748-2:2017
Information technology for learning, education and training
– Learning analytics interoperability – Part 2: System
requirements

03.240 Poštanske usluge

Europska normizacija CEN

EN 14615:2017
Postal services – Digital postage marks – Applications,
security and design

11.040.01 Medicinska oprema općenito

Međunarodna normizacija ISO

ISO 15378:2017
Primary packaging materials for medicinal products
– Particular requirements for the application of ISO 9001:2015,
with reference to good manufacturing practice (GMP)

11.040.55 Dijagnostička oprema

Međunarodna normizacija ISO/IEC

IEC 80601-2-59:2017
Medical electrical equipment – Part 2-59: Particular
requirements for the basic safety and essential performance
of screening thermographs for human febrile temperature
screening

11.100.20 Biološko vrednovanje medicinskih proizvoda

Međunarodna normizacija ISO

ISO 10993-11:2017
Biological evaluation of medical devices – Part 11: Tests for
systemic toxicity

13.020.99 Ostale norme koje se odnose na zaštitu okoliša

Međunarodna normizacija ISO

ISO 20053:2017
Ships and marine technology – Marine environment protection
– Specifications on design and selection of sorbents

13.040.20 Atmosfera okoliša

Europska normizacija CEN

EN 16516:2017
Construction products: Assessment of release of dangerous
substances – Determination of emissions into indoor air

13.060.01 Kvaliteta vode općenito

Međunarodna normizacija ISO

ISO 24516-3:2017
Guidelines for the management of assets of water supply
and wastewater systems – Part 3: Wastewater collection
networks

13.060.30 Kanalizacijske vode

Međunarodna normizacija ISO

ISO 24516-3:2017
Guidelines for the management of assets of water supply
and wastewater systems – Part 3: Wastewater collection
networks

13.060.60 Ispitivanje fizikalnih svojstava vode

Međunarodna normizacija ISO

ISO 9696:2017
Water quality – Gross alpha activity – Test method using thick
source

13.080.01 Kvaliteta tla i pedologija općenito

Međunarodna normizacija ISO

ISO 11504:2017
Soil quality – Assessment of impact from soil contaminated
with petroleum hydrocarbons

13.080.20 Fizikalna svojstva tla

Međunarodna normizacija ISO

ISO 11508:2017
Soil quality – Determination of particle density

13.100 Radna sigurnost. Industrijska higijena

Međunarodna normizacija ISO

ISO 13578:2017
Industrial furnaces and associated processing equipment
– Safety requirements for machinery and equipment for
production of steel by electric arc furnaces

13.180 Ergonomija

Međunarodna normizacija ISO

ISO 9241-125:2017
Ergonomics of human-system interaction – Part 125:
Guidance on visual presentation of information

ISO 9241-960:2017
Ergonomics of human-system interaction – Part 960:
Framework and guidance for gesture interactions

ISO 10075-1:2017
Ergonomic principles related to mental workload – Part 1:
General issues and concepts, terms and definitions

ISO 16673:2017
Road vehicles – Ergonomic aspects of transport information
and control systems – Occlusion method to assess visual
demand due to the use of in-vehicle systems

13.220.20 Zaštita od požara

Međunarodna normizacija ISO

ISO 7240-18:2017
Fire detection and alarm systems – Part 18: Input/output devices

ISO 7240-22:2017
Fire detection and alarm systems – Part 22: Smoke-detection equipment for ducts

13.310 Zaštita od kriminala

Međunarodna normizacija IEC

IEC 62820-2:2017
Building intercom systems – Part 2: Requirements for advanced security building intercom systems (ASBIS)

13.340.30 Uređaji za zaštitu dišnih organa

Međunarodna normizacija ISO

ISO 16975-3:2017
Respiratory protective devices – Selection, use and maintenance – Part 3: Fit-testing procedures

17.040.20 Svojstva površina

Međunarodna normizacija ISO

ISO 25178-71:2017
Geometrical product specifications (GPS) – Surface texture: Areal – Part 71: Software measurement standards

17.040.40 Geometrijska specifikacija proizvoda (GPS)

Međunarodna normizacija ISO

ISO 25178-71:2017
Geometrical product specifications (GPS) – Surface texture: Areal – Part 71: Software measurement standards

17.120.10 Protok u zatvorenim cjevovodima

Međunarodna normizacija ISO

ISO 20456:2017
Measurement of fluid flow in closed conduits – Guidance for the use of electromagnetic flowmeters for conductive liquids

17.140.50 Elektroakustika

Međunarodna normizacija IEC

IEC 62359:2010/Amd1:2017
Amendment 1 – Ultrasonics – Field characterization – Test methods for the determination of thermal and mechanical indices related to medical diagnostic ultrasonic fields

IEC 62359:2010+Amd1:2017
Ultrasonics – Field characterization – Test methods for the determination of thermal and mechanical indices related to medical diagnostic ultrasonic fields

17.160 Vibracije, udari i mjerenja vibracija

Europska normizacija CENELEC

EN 61373:2010/AC:2017
Railway applications – Rolling stock equipment – Shock and vibration tests (IEC 61373:2010/Cor1:2011)

17.200.20 Mjerni instrumenti za mjerenje temperature

Međunarodna normizacija IEC

IEC 61520:2000/Cor1:2017
Corrigendum 1 – Metal thermowells for thermometer sensors – Functional dimensions

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija CENELEC

EN 62586-2:2017
Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements (IEC 62586-2:2017)

EN 62689-2:2017
Current and voltage sensors or detectors, to be used for fault passage indication purposes – Part 2: System aspects (IEC 62689-2:2016)

EN 62754:2017
Computation of waveform Parameter uncertainties (IEC 62754:2017)

Međunarodna normizacija IEC

IEC 62501:2009/Amd2:2017
Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing; Amendment 2

IEC 62501:2009+Amd1:2014+Amd2:2017
Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing

17.240 Mjerenja zračenja

Međunarodna normizacija IEC

IEC 62957-1:2017
Radiation protection instrumentation – Semi-empirical method for performance evaluation of detection and radionuclide identification – Part 1: Performance evaluation of the instruments, featuring radionuclide identification in static mode

19.040 Ispitivanje utjecaja okoliša

Međunarodna normizacija IEC

IEC/TR 62131-6:2017
Environmental conditions – Vibration and shock of electrotechnical equipment – Part 6: Transportation by propeller aircraft

21.100.20 Valjni ležajevi

Međunarodna normizacija ISO

- ISO 15242-4:2017
Rolling bearings – Measuring methods for vibration – Part 4: Radial cylindrical roller bearings with cylindrical bore and outside surface

21.140 Spojevi, brtve

Međunarodna normizacija ISO

- ISO 4708:2017
Composition cork – Gasket material – Test methods

23.120 Ventilatori. Klimatizacijski uređaji

Međunarodna normizacija ISO

- ISO 5801:2017
Fans – Performance testing using standardized airways

23.160 Vakuumska tehnologija

Međunarodna normizacija ISO

- ISO 19685:2017
Vacuum technology – Vacuum gauges – Specifications, calibration and measurement uncertainties for Pirani gauges

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija ISO

- ISO 8000-2:2017
Data quality – Part 2: Vocabulary

25.160.30 Oprema za zavarivanje

Međunarodna normizacija ISO

- ISO 22829:2017
Resistance welding equipment – Transformers – Integrated transformer-rectifier units for welding guns operating at 1000 Hz

IEC

- IEC 62822-3:2017
Electric welding equipment – Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz) – Part 3: Resistance welding equipment

25.160.40 Zavareni spojevi i zavari

Međunarodna normizacija ISO

- ISO 14271:2017
Resistance welding – Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds

- ISO 22825:2017
Non-destructive testing of welds – Ultrasonic testing – Testing of welds in austenitic steels and nickel-based alloys

25.180.01 Industrijske peći općenito

Međunarodna normizacija ISO

- ISO 13578:2017
Industrial furnaces and associated processing equipment – Safety requirements for machinery and equipment for production of steel by electric arc furnaces

25.220.20 Površinska obrada

Međunarodna normizacija ISO

- ISO 2063-1:2017
Thermal spraying – Zinc, aluminium and their alloys – Part 1: Design considerations and quality requirements for corrosion protection systems

- ISO 2063-2:2017
Thermal spraying – Zinc, aluminium and their alloys – Part 2: Execution of corrosion protection systems

- ISO 9717:2017
Metallic and other inorganic coatings – Phosphate conversion coating of metals

25.220.40 Metalne prevlake

Međunarodna normizacija ISO

- ISO 2063-1:2017
Thermal spraying – Zinc, aluminium and their alloys – Part 1: Design considerations and quality requirements for corrosion protection systems

- ISO 2063-2:2017
Thermal spraying – Zinc, aluminium and their alloys – Part 2: Execution of corrosion protection systems

25.220.99 Ostale obrade i prevlake

Međunarodna normizacija ISO

- ISO 20523:2017
Carbon based films – Classification and designations

27.140 Hidroenergetika

Europska normizacija CENELEC

- EN 62256:2017
Hydraulic turbines, storage pumps and pump-turbines – Rehabilitation and performance improvement (IEC 62256:2017)

27.160 Solarna energetika

Europska normizacija CENELEC

- EN 50380:2017
Marking and documentation requirements for Photovoltaic Modules

- EN 60904-1-1:2017
Photovoltaic devices – Part 1-1: Measurement of current-voltage characteristics of multi-junction photovoltaic (PV) devices (IEC 60904-1-1:2017)

- EN 60904-8-1:2017
Photovoltaic devices – Part 8-1: Measurement of spectral responsivity of multi-junction photovoltaic (PV) devices (IEC 60904-8-1:2017)

Međunarodna normizacija ISO

ISO 9806:2017
Solar energy – Solar thermal collectors – Test methods

IEC

IEC 62688:2017
Concentrator photovoltaic (CPV) modules and assemblies
– Safety qualification

27.180 Sustavi vjetroagregata

Međunarodna normizacija IEC

IEC 61400-25-5:2017
Wind energy generation systems – Part 25-5: Communications
for monitoring and control of wind power plants – Compliance
testing

29.030 Magnetni materijali

Međunarodna normizacija IEC

IEC 60404-8-7:2017
Magnetic materials – Part 8-7: Specifications for individual
materials – Cold-rolled grain-oriented electrical steel strip and
sheet delivered in the fully-processed state

IEC 60404-8-8:2017
Magnetic materials – Part 8-8: Specifications for individual
materials – Thin electrical steel strip and sheet for use at
medium frequencies

29.035.01 Izolacijski materijali općenito

Međunarodna normizacija IEC

IEC TR 60893-4:2014/Amd1:2017
Amendment 1 – Insulating materials – Industrial rigid laminated
sheets based on thermosetting resins for electrical purposes
– Part 4: Typical values

IEC TR 60893-4:2014+Amd1:2017
Insulating materials – Industrial rigid laminated sheets based
on thermosetting resins for electrical purposes – Part 4:
Typical values

29.035.20 Plastični i gumeni izolacijski materijali

Međunarodna normizacija IEC

IEC 60893-3-6:2003/Amd2:2017
Amendment 2 – Insulating materials – Industrial rigid
laminated sheets based on thermosetting resins for electrical
purposes – Part 3-6: Specifications for individual materials
– Requirements for rigid laminated sheets based on silicone
resins

IEC 60893-3-6:2003+Amd1:2009+Amd2:2017
Insulating materials – Industrial rigid laminated sheets based
on thermosetting resins for electrical purposes – Part 3-6:
Specifications for individual materials – Requirements for rigid
laminated sheets based on silicone resins

29.120.20 Naprave za povezivanje

Međunarodna normizacija IEC

IEC 62986:2017
Plugs, socket-outlets and couplers with arcuate contacts

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Međunarodna normizacija IEC

IEC 60364-6:2016/Cor1:2017
Corrigendum 1 – Low voltage electrical installations – Part 6:
Verification

IEC 61643-32:2017
Low-voltage surge protective devices – Part 32: Surge
protective devices connected to the d.c. side of photovoltaic
installations – Selection and application principles

29.130.10 Visokonaponski rasklopni i upravljajući uređaji

Europska normizacija CENELEC

EN 62271-100:2009/A2:2017
High-voltage switchgear and controlgear – Part 100: Alternating-
current circuit-breakers (IEC 62271-100:2008/A2:2017)

EN 62271-211:2014/AC:2017
High-voltage switchgear and controlgear – Part 211: Direct
connection between power transformers and gas-insulated
metal-enclosed switchgear for rated voltages above 52 kV
(IEC 62271-211:2014/COR2:2017)

Međunarodna normizacija IEC

IEC 62501:2009/Amd2:2017
Voltage sourced converter (VSC) valves for high-voltage
direct current (HVDC) power transmission – Electrical testing;
Amendment 2

IEC 62501:2009+Amd1:2014+Amd2:2017
Voltage sourced converter (VSC) valves for high-voltage
direct current (HVDC) power transmission – Electrical testing

29.140.10 Kape i držači svjetiljki

Europska normizacija CENELEC

EN 60061-1:1993/A56:2017
Lamp caps and holders together with gauges for the
control of interchangeability and safety – Part 1: Lamp caps
(IEC 60061-1:1969/A56:2017)

EN 60061-2:1993/A52:2017
Lamp caps and holders together with gauges for the control
of interchangeability and safety – Part 2: Lampholders
(IEC 60061-2:1969/A52:2017)

EN 60061-4:1992/A15:2017
Lamp caps and holders together with gauges for the control
of interchangeability and safety – Part 4: Guidelines and general
information (IEC 60061-4:1990/A15:2017)

EN 60400:2017
Lampholders for tubular fluorescent lamps and starterholders
(IEC 60400:2017)

EN 61184:2017
Bayonet lampholders (IEC 61184:2017)

29.140.40 Rasvjetna tijela

Međunarodna normizacija IEC

IEC 60598-1:2014/Amd1:2017
Amendment 1 – Luminaires – Part 1: General requirements
and tests

IEC 60598-1:2014+Amd1:2017
Luminaires – Part 1: General requirements and tests

IEC 60598-2-22:2014/Amd1:2017
Amendment 1 – Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting

IEC 60598-2-22:2014+Amd1:2017
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting

29.140.50 Rasvjetni instalacijski sustavi

Europska normizacija CENELEC

EN 62386-302:2017
Digital addressable lighting interface – Part 302: Particular requirements – Input devices – Absolute input devices (IEC 62386-302:2017)

EN 62386-303:2017
Digital addressable lighting interface – Part 303: Particular requirements – Input devices – Occupancy sensor (IEC 62386-303:2017)

EN 62386-304:2017
Digital addressable lighting interface – Part 304: Particular requirements – Input devices – Light sensor (IEC 62386-304:2017)

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

EN 62386-302:2017
Digital addressable lighting interface – Part 302: Particular requirements – Input devices – Absolute input devices (IEC 62386-302:2017)

EN 62386-303:2017
Digital addressable lighting interface – Part 303: Particular requirements – Input devices – Occupancy sensor (IEC 62386-303:2017)

EN 62386-304:2017
Digital addressable lighting interface – Part 304: Particular requirements – Input devices – Light sensor (IEC 62386-304:2017)

EN 62733:2015/AC:2017
Programmable components in electronic lamp controlgear – General and safety requirements (IEC 62733:2015/COR1:2017)

Međunarodna normizacija IEC

IEC 61347-1:2015/Amd1:2017
Amendment 1 – Lamp controlgear – Part 1: General and safety requirements

IEC 61347-1:2015+Amd1:2017
Lamp controlgear – Part 1: General and safety requirements

29.180 Transformatori. Prigušnice

Europska normizacija CENELEC

EN 50588-1:2017
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 1: General requirements

Međunarodna normizacija ISO

ISO 22829:2017
Resistance welding equipment – Transformers – Integrated transformer-rectifier units for welding guns operating at 1000 Hz

IEC

IEC 61558-1:2017
Safety of transformers, reactors, power supply units and combinations thereof – Part 1: General requirements and tests

29.240.01 Mreže za prijenos i razdiobu električne energije općenito

Međunarodna normizacija IEC

IEC/TR 62978:2017
HVDC installations – Guidelines on asset management

IEC/TR 63065:2017
Guidelines for operation and maintenance of line commutated converter (LCC) HVDC converter station

29.240.10 Podstanice. Odvodnici prenapona

Međunarodna normizacija IEC

IEC 61643-32:2017
Low-voltage surge protective devices – Part 32: Surge protective devices connected to the d.c. side of photovoltaic installations – Selection and application principles

31.040.30 Termistori

Europska normizacija CENELEC

EN 60539-1:2016/AC:2017
Directly heated negative temperature coefficient thermistors – Part 1: Generic specification (IEC 60539-1:2016/COR1:2017)

Međunarodna normizacija IEC

IEC 60539-1:2016/Cor1:2017
Corrigendum 1 – Directly heated negative temperature coefficient thermistors – Part 1: Generic specification

31.060.20 Keramički kondenzatori i kondenzatori s tinjcem

Europska normizacija CENELEC

EN 60384-8:2015/AC:2017
Fixed capacitors for use in electronic equipment – Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1 (IEC 60384-8:2015/Cor1:2017)

Međunarodna normizacija IEC

IEC 60384-8:2015/Cor1:2017
Corrigendum 1 – Fixed capacitors for use in electronic equipment – Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1

31.060.40 Tantalovi elektrolitski kondenzatori

Europska normizacija CENELEC

EN 60384-15:2017
Fixed capacitors for use in electronic equipment – Part 15: Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte

31.080.01 Poluvodičke naprave općenito

Europska normizacija CENELEC

EN 60749-43:2017
Semiconductor devices – Mechanical and climatic test methods – Part 43: Guidelines for IC reliability qualification plans (IEC 60749-43:2017)

Međunarodna normizacija IEC

IEC 62047-30:2017
Semiconductor devices – Micro-electromechanical devices
– Part 30: Measurement methods of electro-mechanical
conversion characteristics of MEMS piezoelectric thin film

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija IEC

IEC 62908-1-2:2017
Touch and interactive displays – Part 1-2: Generic
– Terminology and letter symbols

31.140 Piezoelektrične naprave

Europska normizacija CENELEC

EN 62884-1:2017
Measurement techniques of piezoelectric, dielectric and
electrostatic oscillators – Part 1: Basic methods for the
measurement (IEC 62884-1:2017)

31.220.01 Elektromehanički sastavni dijelovi općenito

Međunarodna normizacija IEC

IEC 62047-30:2017
Semiconductor devices – Micro-electromechanical devices
– Part 30: Measurement methods of electro-mechanical
conversion characteristics of MEMS piezoelectric thin film

31.220.10 Utikačke i utičničke naprave. Konektori

Europska normizacija CENELEC

EN 61076-3-122:2017
Connectors for electrical and electronic equipment
– Product requirements – Part 3-122: Detail specification
for 8-way, shielded, free and fixed connectors for I/O
and Gigabit Ethernet applications in harsh environments
(IEC 61076-3-122:2017)

31.240 Mehaničke konstrukcije za elektroničku opremu

Europska normizacija CENELEC

EN 61191-3:2017
Printed board assemblies – Part 3: Sectional specification
– Requirements for through-hole mount soldered assemblies
(IEC 61191-3:2017)

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija ETSI

EN 302065-5 V 1.1.1:2017
Short Range Devices (SRD) using Ultra Wide Band technology
(UWB) – Harmonised Standard covering the essential
requirements of article 3.2 of Directive 2014/53/EU – Part 5:
Devices using UWB technology onboard aircraft

Međunarodna normizacija IEC

IEC/TR 63098-1:2017
Transmitting equipment for radiocommunication – Radio-
over-fibre technologies and their performance standard
– Part 1: System applications of radio over fibre technology

33.070.01 Usluge pokretne mreže općenito

Europska normizacija ETSI

EN 301908-2 V 11.1.2:2017
IMT cellular networks – Harmonised Standard covering the
essential requirements of article 3.2 of Directive 2014/53/EU
– Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija ETSI

EN 301908-2 V 11.1.2:2017
IMT cellular networks – Harmonised Standard covering the
essential requirements of article 3.2 of Directive 2014/53/EU
– Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija ETSI

EN 303417 V 1.1.1:2017
Wireless power transmission systems, using technologies
other than radio frequency beam in the 19 – 21 kHz, 59 – 61 kHz,
79 – 90 kHz, 100 – 300 kHz, 6765 – 6795 kHz ranges
– Harmonised Standard covering the essential requirements
of article 3.2 of Directive 2014/53/EU

33.100.10 Zračenje

Europska normizacija ETSI

EN 302065-5 V 1.1.1:2017
Short Range Devices (SRD) using Ultra Wide Band technology
(UWB) – Harmonised Standard covering the essential
requirements of article 3.2 of Directive 2014/53/EU – Part 5:
Devices using UWB technology onboard aircraft

33.120.10 Koaksijalni kabeli. Valovodi

Europska normizacija CENELEC

EN 50288-12-1:2017
Multi-element metallic cables used in analogue and
digital communications and control – Part 12-1: Sectional
specification for screened cables characterised from 1 MHz
up to 2000 MHz – Horizontal and building backbone cables

Međunarodna normizacija IEC

IEC 62807-1:2017
Hybrid telecommunication cables – Part 1: Generic
specification

33.120.20 Žice i simetrični kabeli

Međunarodna normizacija IEC

IEC 62680-1-3:2017
Universal serial bus interfaces for data and power – Part 1-3:
Common components – USB Type-C™ Cable and Connector
Specification

33.120.30 RF konektori

Europska normizacija CENELEC

EN 61169-58:2016/AC:2017
Radio-frequency connectors – Part 58: Sectional specification for RF coaxial connectors with blind-mate coupling – Characteristic impedance 50 Ω (type SBMA) (IEC 61169-58:2016/COR1:2017)

EN 61169-59:2017
Radio-frequency connectors – Part 59: Sectional specification for type L32-4 and L32-5 threaded multi-pin radio-frequency connectors (IEC 61169-59:2017)

Međunarodna normizacija IEC

IEC 62680-1-3:2017
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-CTM Cable and Connector Specification

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Međunarodna normizacija IEC

IEC 60728-13-1:2017/Cor1:2017
Corrigendum 1 – Cable networks for television signals, sound signals and interactive services – Part 13-1: Bandwidth expansion for broadcast signal over FTTH system

33.180.01 Svjetlovodni sustavi općenito

Europska normizacija CENELEC

EN 62496-2:2017
Optical circuit boards – Basic test and measurement procedures – Part 2: General guidance for definition of measurement conditions for optical characteristics of optical circuit boards (IEC 62496-2:2017)

Međunarodna normizacija IEC

IEC 60728-13-1:2017/Cor1:2017
Corrigendum 1 – Cable networks for television signals, sound signals and interactive services – Part 13-1: Bandwidth expansion for broadcast signal over FTTH system

33.180.10 Svjetlovodna vlakna i kabeli

Međunarodna normizacija IEC

IEC 62807-1:2017
Hybrid telecommunication cables – Part 1: Generic specification

33.180.99 Ostala svjetlovodna oprema

Međunarodna normizacija IEC

IEC/TR 63098-1:2017
Transmitting equipment for radiocommunication – Radio-over-fibre technologies and their performance standard – Part 1: System applications of radio over fibre technology

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija ISO

IWA 27:2017
Guiding principles and framework for the sharing economy

35.040.10 Kodiranje skupova znakova

Međunarodna normizacija ISO/IEC

ISO/IEC 14651:2016/Amd 1:2017
Information technology – International string ordering and comparison – Method for comparing character strings and description of the common template tailorable ordering; Amendment 1

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija ISO/IEC

ISO/IEC 14496-22:2015/Amd 2:2017
Information technology – Coding of audio-visual objects – Part 22: Open Font Format – Amendment 2: Updated text layout features and implementations

35.040.50 Tehnike automatskog prepoznavanja i preuzimanja podataka

Međunarodna normizacija ISO

ISO 24631-1:2017
Radiofrequency identification of animals – Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code)

ISO 24631-2:2017
Radiofrequency identification of animals – Part 2: Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785

ISO 24631-3:2017
Radiofrequency identification of animals – Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785

ISO 24631-4:2017
Radiofrequency identification of animals – Part 4: Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785

ISO 28219:2017
Packaging – Labelling and direct product marking with linear bar code and two-dimensional symbols

35.080 Softver (programska podrška)

Međunarodna normizacija ISO/IEC

ISO/IEC 19770-4:2017
Information technology – IT asset management – Part 4: Resource utilization measurement

ISO/IEC/IEEE 24765:2017
Systems and software engineering – Vocabulary

35.100.05 Višeslojna primjena

Međunarodna normizacija ISO/IEC

ISO/IEC 17203:2017
Information technology – Open Virtualization Format (OVF)
specification

35.110 Umrežavanje

Međunarodna normizacija IEC

IEC 62056-6-2:2017
Electricity metering data exchange – The DLMS/COSEM
suite – Part 6-2: COSEM interface classes

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija ISO

ISO 9241-125:2017
Ergonomics of human-system interaction – Part 125:
Guidance on visual presentation of information

ISO 9241-960:2017
Ergonomics of human-system interaction – Part 960:
Framework and guidance for gesture interactions

ISO 9696:2017
Water quality – Gross alpha activity – Test method using thick
source

35.200 Sučelna i spojna oprema

Međunarodna normizacija ISO/IEC

ISO/IEC 29341-20-1:2017
Information technology – UPnP Device Architecture
– Part 20-1: Audio video device control protocol – Level 4
– Audio video architecture

ISO/IEC 29341-20-2:2017
Information technology – UPnP Device Architecture
– Part 20-2: Audio video device control protocol – Level 4
– Media renderer device

ISO/IEC 29341-20-3:2017
Information technology – UPnP Device Architecture
– Part 20-3: Audio video device control protocol – Level 4
– Media server device

ISO/IEC 29341-20-4:2017
Information technology – UPnP Device Architecture
– Part 20-4: Audio video device control protocol – Level 4
– Datastructure template

ISO/IEC 29341-20-10:2017
Information technology – UPnP Device Architecture
– Part 20-10: Audio video device control protocol – Level 4
– Audio video transport service

ISO/IEC 29341-20-11:2017
Information technology – UPnP Device Architecture
– Part 20-11: Audio video device control protocol – Level 4
– Connection manager service

ISO/IEC 29341-20-12:2017
Information technology – UPnP Device Architecture
– Part 20-12: Audio video device control protocol – Level 4
– Content directory service

ISO/IEC 29341-20-13:2017
Information technology – UPnP Device Architecture
– Part 20-13: Audio video device control protocol – Level 4
– Rendering control service

ISO/IEC 29341-20-14:2017
Information technology – UPnP Device Architecture
– Part 20-14: Audio video device control protocol – Level 4
– Scheduled recording service

ISO/IEC 29341-24-1:2017
Information technology – UPnP Device Architecture
– Part 24-1: Internet gateway device control protocol
– Level 2 – Internet gateway device

ISO/IEC 29341-24-2:2017
Information technology – UPnP Device Architecture
– Part 24-2: Internet gateway device control protocol
– Level 2 – Wide area network connection device

ISO/IEC 29341-24-3:2017
Information technology – UPnP Device Architecture
– Part 24-3: Internet gateway device control protocol
– Level 2 – Wide area network device

ISO/IEC 29341-24-10:2017
Information technology – UPnP Device Architecture
– Part 24-10: Internet gateway device control protocol
– Level 2 – Wide area network internet protocol – Connection
service

ISO/IEC 29341-24-11:2017
Information technology – UPnP Device Architecture
– Part 24-11: Internet gateway device control protocol
– Level 2 – Wide area network internet protocol v6 – Firewall
control service

ISO/IEC 29341-26-1:2017
Information technology – UPnP Device Architecture
– Part 26-1: Telephony device control protocol – Level 2
– Telephony architecture

ISO/IEC 29341-26-2:2017
Information technology – UPnP Device Architecture
– Part 26-2: Telephony device control protocol – Level 2
– Telephony client device

ISO/IEC 29341-26-3:2017
Information technology – UPnP Device Architecture
– Part 26-3: Telephony device control protocol – Level 2
– Telephony server device

ISO/IEC 29341-26-10:2017
Information technology – UPnP Device Architecture
– Part 26-10: Telephony device control protocol – Level 2
– Call management service

ISO/IEC 29341-26-11:2017
Information technology – UPnP Device Architecture
– Part 26-11: Telephony device control protocol – Level 2
– Media management service

ISO/IEC 29341-26-12:2017
Information technology – UPnP Device Architecture
– Part 26-12: Telephony device control protocol – Level 2
– Messaging service

ISO/IEC 29341-26-13:2017
Information technology – UPnP Device Architecture
– Part 26-13: Telephony device control protocol – Level 2
– Phone management service

ISO/IEC 29341-26-14:2017
Information technology – UPnP Device Architecture
– Part 26-14: Telephony device control protocol – Level 2
– Address book service

ISO/IEC 29341-26-15:2017
Information technology – UPnP Device Architecture
– Part 26-15: Telephony device control protocol – Level 2
– Calendar service

ISO/IEC 29341-26-16:2017
Information technology – UPnP Device Architecture
– Part 26-16: Telephony device control protocol – Level 2
– Presence service

ISO/IEC 29341-27-1:2017
Information technology – UPnP Device Architecture
– Part 27-1: Friendly device control protocol – Friendly
information update service

ISO/IEC 29341-28-1:2017
Information technology – UPnP Device Architecture
– Part 28-1: Multiscreen device control protocol – Multiscreen
architecture

ISO/IEC 29341-28-2:2017
Information technology – UPnP Device Architecture
– Part 28-2: Multiscreen device control protocol – Screen
device

ISO/IEC 29341-28-10:2017
Information technology – UPnP Device Architecture
– Part 28-10: Multiscreen device control protocol – Application management service

ISO/IEC 29341-29-2:2017
Information technology – UPnP Device Architecture
– Part 29-2: Multiscreen device control protocol – Level 2 – Screen device

ISO/IEC 29341-29-10:2017
Information technology – UPnP Device Architecture
– Part 29-10: Multiscreen device control protocol – Level 2 – Application management service

ISO/IEC 29341-31-1:2017
Information technology – UPnP Device Architecture
– Part 31-1: Energy management device control protocol – Energy management service

IEC

IEC 62680-1-3:2017
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-CTM Cable and Connector Specification

35.210 Računarstvo u oblaku

Međunarodna normizacija ISO/IEC

ISO/IEC 19944:2017
Information technology – Cloud computing – Cloud services and devices: Data flow, data categories and data use

35.240.10 Računalno oblikovanje (CAD)

Međunarodna normizacija ISO

ISO 13567-1:2017
Technical product documentation – Organization and naming of layers for CAD – Part 1: Overview and principles

ISO 13567-2:2017
Technical product documentation – Organization and naming of layers for CAD – Part 2: Concepts, format and codes used in construction documentation

35.240.15 Identifikacijske kartice i pripadajuće naprave

Međunarodna normizacija ISO/IEC

ISO/IEC 29794-4:2017
Information technology – Biometric sample quality – Part 4: Finger image data

35.240.20 Primjene IT-a u uredskom poslovanju

Međunarodna normizacija ISO/IEC

ISO/IEC 30113-11:2017
Information technology – Gesture-based interfaces across devices and methods – Part 11: Single-point gestures for common system actions

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CEN

EN 9300-005:2017
Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 005: Authentication and Verification

EN 9300-007:2017
Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 007: Terms and References

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija CEN

EN 9300-005:2017
Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 005: Authentication and Verification

EN 9300-007:2017
Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 007: Terms and References

CEN/TR 17143:2017
Intelligent transport systems – Standards and actions necessary to enable urban infrastructure coordination to support Urban-ITS

Međunarodna normizacija ISO

ISO 21210:2012/Amd 1:2017
Intelligent transport systems – Communications access for land mobiles (CALM) – IPv6 Networking; Amendment 1

35.240.67 IT aplikacije za građevinarstvo

Europska normizacija CENELEC

EN 50090-6-1:2017
Home and Building Electronic Systems (HBES) – Part 6-1: Interfaces – Webservice interface

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Europska normizacija CENELEC

EN 82304-1:2017
Health Software – Part 1: General requirements for product safety (IEC 82304-1:2016)

35.240.99 Primjene IT-a u ostalim područjima

Međunarodna normizacija ISO

ISO/IEC TR 20748-2:2017
Information technology for learning, education and training – Learning analytics interoperability – Part 2: System requirements

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Europska normizacija CEN

EN 16944:2017
Agricultural machinery and tractors – Standardized access to repair and maintenance information (RMI) – Requirements

Međunarodna normizacija ISO

ISO 16673:2017
Road vehicles – Ergonomic aspects of transport information and control systems – Occlusion method to assess visual demand due to the use of in-vehicle systems

43.120 Električna cestovna vozila

Europska normizacija
CEN

EN 15194:2017
Cycles – Electrically power assisted cycles – EPAC Bicycles

43.150 Bicikli

Europska normizacija
CEN

EN 15194:2017
Cycles – Electrically power assisted cycles – EPAC Bicycles

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija
CENELEC

EN 61373:2010/AC:2017
Railway applications – Rolling stock equipment – Shock and vibration tests (IEC 61373:2010/Cor1:2011)

45.060.20 Vozila za tegljenje

Europska normizacija
CEN

EN 16922:2017
Railway applications – Ground based services – Vehicle waste water discharge equipment

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija
ETSI

EN 303402 V 2.1.2:2017
Maritime mobile transmitters and receivers for use in the MF and HF bands – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

47.020.99 Ostale norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija
ISO

ISO 20053:2017
Ships and marine technology – Marine environment protection – Specifications on design and selection of sorbents

49.020 Zrakoplovi i svemirska vozila općenito

Europska normizacija
CEN

EN 9117:2017
Aerospace series – Delegated Product Release Verification

EN 9300-005:2017
Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 005: Authentication and Verification

EN 9300-007:2017
Aerospace series – LOTAR -LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 007: Terms and References

49.030.99 Ostale vrste spojnih elemenata

Europska normizacija
CEN

EN 6128:2017
Aerospace series – Blind bolt, 100° flush head, high strength

49.035 Sastavni dijelovi za zrakoplovne konstrukcije

Europska normizacija
CEN

EN 4695:2017
Aerospace series – Tie Rod with integrated bolts – Assembly Code G, H and K

EN 4702-02:2017
Aerospace series – Quick release fastening systems for non-structural and lining applications – Part 02: Spring clamp stud combination

EN 4702-03:2017
Aerospace series – Quick release fastening systems for non-structural and lining applications – Part 03: Stud – quick-release and locking

EN 4702-04:2017
Aerospace series – Quick release fastening systems for non-structural and lining applications – Part 04: Spring clamp

EN 4702-05:2017
Aerospace series – Quick release fastening systems for non-structural and lining applications – Part 05: Retaining washer

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija
CEN

EN 4008-004:2017
Aerospace series – Elements of electrical and optical connection – Crimping tools and associated accessories – Part 004: Die for crimping tool M22520/5-01 – Product standard

EN 4165-001:2015/AC:2017
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 001: Technical specification

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija
ETSI

EN 302065-5 V 1.1.1:2017
Short Range Devices (SRD) using Ultra Wide Band technology (UWB) – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU – Part 5: Devices using UWB technology onboard aircraft

49.140 Svemirski sustavi i operacije

Europska normizacija
CEN

EN 16603-70-41:2017
Space engineering – Telemetry and telecommand packet utilization

Međunarodna normizacija
ISO

ISO 19924:2017
Space systems – Acoustic testing

53.060 Industrijski prijevozni sustavi

Europska normizacija
CEN

EN 1459-1:2017
Rough-terrain trucks – Safety requirements and verification
– Part 1: Variable-reach trucks

55.020 Ambalaža, pakiranje i distribucija robe općenito

Međunarodna normizacija
ISO

ISO 28219:2017
Packaging – Labelling and direct product marking with linear bar code and two-dimensional symbols

59.080.40 Naslojeni plošni tekstil

Međunarodna normizacija
ISO

ISO 2411:2017
Rubber- or plastics-coated fabrics – Determination of coating adhesion

ISO 4675:2017
Rubber- or plastics-coated fabrics – Low-temperature bend test

61.020 Odjeća

Europska normizacija
CEN

EN 13402-3:2017
Size designation of clothes – Part 3: Size labelling based on body measurements and intervals

61.060 Obuća

Međunarodna normizacija
ISO

ISO 20536:2017
Footwear – Critical substances potentially present in footwear and footwear components – Determination of phenol in footwear materials

65.040.99 Ostale norme koje se odnose na gospodarske zgrade i instalacije

Međunarodna normizacija
ISO

ISO 24631-1:2017
Radiofrequency identification of animals – Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code)

ISO 24631-2:2017
Radiofrequency identification of animals – Part 2: Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785

ISO 24631-3:2017
Radiofrequency identification of animals – Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785

ISO 24631-4:2017
Radiofrequency identification of animals – Part 4: Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785

65.060.10 Poljoprivredni traktori i priključna vozila

Europska normizacija
CEN

EN 15695-1:2017
Agricultural tractors and self-propelled sprayers – Protection of the operator (driver) against hazardous substances – Part 1: Cab classification, requirements and test procedures

EN 16944:2017
Agricultural machinery and tractors – Standardized access to repair and maintenance information (RMI) – Requirements

65.060.70 Oprema za vrtlarstvo

Europska normizacija
ETSI

EN 303447 V 1.1.1:2017
Short Range Devices (SRD) – Inductive loop systems for robotic mowers in the frequency range 0 Hz to 148,5 kHz – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

65.150 Ribolov i uzgoj riba

Europska normizacija
CENELEC

EN 60335-2-86:2003/A12:2017
Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines

65.160 Duhan, duhanski proizvodi i odgovarajuća oprema

Međunarodna normizacija
ISO

ISO 4387:2000/Amd 2:2017
Cigarettes – Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine; Amendment 2

67.200.20 Uljarice

Međunarodna normizacija
ISO

ISO 21294:2017
Oilseeds – Manual or automatic discontinuous sampling

71.100.70 Kozmetika. Toaletne potrepštine

Europska normizacija
CEN

EN 16956:2017
Cosmetics – Analytical methods – HPLC/UV method for the identification and assay of hydroquinone, ethers of hydroquinone and corticosteroids in skin whitening cosmetic products

Međunarodna normizacija
ISO

ISO 16128-2:2017
Cosmetics – Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients – Part 2: Criteria for ingredients and products

73.100.30 Oprema za bušenje i iskopavanje rudnika

Međunarodna normizacija ISO

ISO 19224:2017
Continuous surface miners (CSM) – Safety requirements

75.120 Hidraulične tekućine

Međunarodna normizacija ISO

ISO 11365:2017
Petroleum and related products – Requirements and guidance for the maintenance of triaryl phosphate ester turbine control fluids

75.140 Vosak, bitumenski materijali i ostali naftni proizvodi

Europska normizacija CEN

EN 13303:2017
Bitumen and bituminous binders – Determination of the loss in mass after heating of industrial bitumen

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Međunarodna normizacija ISO

ISO 13623:2017
Petroleum and natural gas industries – Pipeline transportation systems

77.060 Korozija metala

Europska normizacija CEN

CEN/TR 17144:2017
Resistance of metallic materials to liquid biogenic and alternative fuels and their blends

77.160 Metalurgija praha

Međunarodna normizacija ISO

ISO 3927:2017
Metallic powders, excluding powders for hardmetals – Determination of compressibility in uniaxial compression

79.080 Drveni poluproizvodi

Europska normizacija CEN

EN 13489:2017
Wood-flooring and parquet – Multi-layer parquet elements

79.100 Pluto i proizvodi od pluta

Međunarodna normizacija ISO

ISO 4708:2017
Composition cork – Gasket material – Test methods

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

ISO 20351:2017
Fine ceramics (advanced ceramics, advanced technical ceramics) – Absolute measurement of internal quantum efficiency of phosphors for white light emitting diodes using an integrating sphere

ISO 20407:2017
Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for interfacial tensile and shear fatigue properties of ceramic joining loaded in constant amplitude at room temperature

83.040.10 Lateks i sirova guma

Međunarodna normizacija ISO

ISO 2930:2017
Rubber, raw natural – Determination of plasticity retention index (PRI)

83.060 Guma

Međunarodna normizacija ISO

ISO 4649:2017
Rubber, vulcanized or thermoplastic – Determination of abrasion resistance using a rotating cylindrical drum device

83.140.99 Ostali gumeni i plastični proizvodi

Međunarodna normizacija ISO

ISO 2321:2017
Rubber threads – Methods of test

83.160.30 Gume za poljoprivredne i ostale strojeve

Međunarodna normizacija ISO

ISO 18805:2017
Tyre classification – Agricultural, forestry and construction machines

91.040.01 Građevine općenito

Međunarodna normizacija ISO

ISO 9836:2017
Performance standards in building – Definition and calculation of area and space indicators

91.060.50 Vrata i prozori

Europska normizacija CEN

EN 12604:2017
Industrial, commercial and garage doors and gates – Mechanical aspects – Requirements and test methods

91.100.01 Građevni materijali općenito

Europska normizacija
CEN

EN 16516:2017
Construction products: Assessment of release of dangerous substances – Determination of emissions into indoor air

91.100.10 Cement. Gips. Vapno. Mort

Europska normizacija
CEN

EN 13639:2017
Determination of total organic carbon in limestone

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija
CEN

EN 13303:2017
Bitumen and bituminous binders – Determination of the loss in mass after heating of industrial bitumen

91.120.20 Akustika u zgradama. Zvučna izolacija

Međunarodna normizacija
ISO

ISO 10848-1:2017
Acoustics – Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms – Part 1: Frame document

ISO 10848-2:2017
Acoustics – Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms – Part 2: Application to Type B elements when the junction has a small influence

ISO 10848-3:2017
Acoustics – Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms – Part 3: Application to Type B elements when the junction has a substantial influence

ISO 10848-4:2017
Acoustics – Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms – Part 4: Application to junctions with at least one Type A element

91.120.40 Zaštita od groma

Europska normizacija
CENELEC

EN 62561-3:2017
Lightning Protection System Components (LPSC) – Part 3: Requirements for isolating spark gaps (ISG) (IEC 62561-3:2017)

91.140.30 Sustavi prozračivanja i klimatizacije

Međunarodna normizacija
ISO

ISO 29464:2017
Cleaning of air and other gases – Terminology

91.140.50 Sustavi opskrbe električnom energijom

Međunarodna normizacija
IEC

IEC 60364-6:2016/Cor1:2017
Corrigendum 1 – Low voltage electrical installations – Part 6: Verification

IEC 62056-6-2:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-2: COSEM interface classes

91.160.10 Unutrašnja rasvjeta

Međunarodna normizacija
IEC

IEC 60598-2-22:2014/Amd1:2017
Amendment 1 – Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting

IEC 60598-2-22:2014+Amd1:2017
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting

93.030 Vanjski kanalizacijski sustavi

Europska normizacija
CEN

EN 16933-2:2017
Drain and sewer systems outside buildings – Design – Part 2: Hydraulic design

97.020 Kućno gospodarstvo općenito

Međunarodna normizacija
ISO

ISO 25649-2:2017
Floating leisure articles for use on and in the water – Part 2: Consumer information

97.040.30 Kućanski rashladni uređaji

Europska normizacija
CENELEC

EN 60335-2-89:2010/A2:2017
Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor (IEC 60335-2-89:2010/A2:2015, modified)

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija
CENELEC

EN 50090-3-4:2017
Home and Building Electronic Systems (HBES) – Part 3-4: Secure Application Layer, Secure Service, Secure configuration and security Resources

EN 50090-6-1:2017
Home and Building Electronic Systems (HBES) – Part 6-1: Interfaces – Webservice interface

Međunarodna normizacija
IEC

IEC 62820-2:2017
Building intercom systems – Part 2: Requirements for advanced security building intercom systems (ASBIS)

97.140 Namještaj

Europska normizacija CEN

EN 16121:2013+A1:2017
Non-domestic storage furniture – Requirements for safety, strength, durability and stability

97.200.50 Igračke

Europska normizacija CEN

EN 71-7:2014+A1:2017
Safety of toys – Part 7: Finger paints – Requirements and test methods

97.220.40 Oprema za sportove na otvorenom i sportove na vodi

Međunarodna normizacija ISO

ISO 25649-1:2017
Floating leisure articles for use on and in the water – Part 1: Classification, materials, general requirements and test methods

ISO 25649-2:2017
Floating leisure articles for use on and in the water – Part 2: Consumer information

ISO 25649-3:2017
Floating leisure articles for use on and in the water – Part 3: Additional specific safety requirements and test methods for Class A devices

ISO 25649-4:2017
Floating leisure articles for use on and in the water – Part 4: Additional specific safety requirements and test methods for Class B devices

ISO 25649-5:2017
Floating leisure articles for use on and in the water – Part 4: Additional specific safety requirements and test methods for Class B devices

ISO 25649-6:2017
Floating leisure articles for use on and in the water – Part 6: Additional specific safety requirements and test methods for Class D devices

ISO 25649-7:2017
Floating leisure articles for use on and in the water – Part 7: Additional specific safety requirements and test methods for Class E devices