

Hrvatski zavod za norme

Oglasnik za normativne dokumente

1/2018 siječanj, 2018.

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 6, *Papir, karton i pulpe*

- HRN EN ISO 287:2018 en pr
Papir i karton – Određivanje sadržaja vlage jedne pošiljke – Metoda sušenja u sušioniku (ISO 287:2017; EN ISO 287:2017)
Paper and board – Determination of moisture content of a lot – Oven-drying method (ISO 287:2017; EN ISO 287:2017)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

- HRN EN 15004-8:2018 en pr
Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 8. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom IG-100 (ISO 14520-13:2015, MOD; EN 15004-8:2017)
Fixed firefighting systems – Gas extinguishing systems – Part 8: Physical properties and system design of gas extinguishing systems for IG-100 extinguishant (ISO 14520-13:2015, MOD; EN 15004-8:2017)

- HRN EN 15004-10:2018 en pr
Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 10. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom IG-541 (ISO 14520-15:2015, MOD; EN 15004-10:2017)
Fixed firefighting systems – Gas extinguishing systems – Part 10: Physical properties and system design of gas extinguishing systems for IG-541 (ISO 14520-15:2015, MOD; EN 15004-10:2017)

HZN/TO 22, *Cestovna vozila*

- HRN ISO 2974:2018 en pr
Dizelski motori – Unutarnji (ženski) stošci od 60° za sastavne dijelove ubrizgavanja goriva pod visokim tlakom (ISO 2974:2016)
Diesel engines – 60° female cones for high-pressure fuel injection components (ISO 2974:2016)

- HRN ISO 4251-2:2018 en pr
Gume (nizovi s oznakom broja slojeva) i naplatci za poljoprivredne traktore i strojeve – 2. dio: Nazivne nosivosti guma (ISO 4251-2:2017)
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 2: Tyre load ratings (ISO 4251-2:2017)

- HRN ISO 8535-1:2018 en pr
Dizelski motori – Čelične cijevi za visokotlačne vodove za ubrizgavanje goriva – 1. dio: Zahtjevi za bešavne, hladno vučene jednostijene cijevi (ISO 8535-1:2016)
Diesel engines – Steel tubes for high-pressure fuel injection pipes – Part 1: Requirements for seamless cold-drawn single-wall tubes (ISO 8535-1:2016)

- HRN ISO 8820-4:2018 en pr
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 8820-4:2016)
Road vehicles – Fuse-links – Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures (ISO 8820-4:2016)

- HRN ISO 11898-2:2018 en pr
Cestovna vozila – Regulator mrežnog područja CAN – 2. dio: Jedinica za pristup mediju velike brzine (ISO 11898-2:2016)
Road vehicles – Controller area network (CAN) – Part 2: High-speed medium access unit (ISO 11898-2:2016)

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

- HRN EN ISO 4254-7:2018 en pr
Poljoprivredna mehanizacija – Sigurnost – 7. dio: Kombajni, kombajni za krmne usjeve, kombajni za pamuk i kombajni za šećernu trsku (ISO 4254-7:2017; EN ISO 4254-7:2017)
Agricultural machinery – Safety – Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters (ISO 4254-7:2017; EN ISO 4254-7:2017)

HZN/TO 28, *Naftni proizvodi i maziva*

- HRN ISO 91:2018 en pr
Nafta i srodni proizvodi – Korekcijski faktori obujma prema temperaturi i tlaku (tablice za mjerenje nafte) i standardni referentni uvjeti (ISO 91:2017)
Petroleum and related products – Temperature and pressure volume correction factors (petroleum measurement tables) and standard reference conditions (ISO 91:2017)

- HRN EN ISO 4259-1:2018 en pr
Nafta i srodni proizvodi – Preciznost mjernih metoda i rezultata – 1. dio: Određivanje podataka o preciznosti u odnosu na metode ispitivanja (ISO 4259-1:2017; EN ISO 4259-1:2017)
Petroleum and related products – Precision of measurement methods and results – Part 1: Determination of precision data in relation to methods of test (ISO 4259-1:2017; EN ISO 4259-1:2017)

- HRN EN ISO 4259-2:2018 en pr
Nafta i srodni proizvodi – Preciznost mjernih metoda i rezultata – 2. dio: Tumačenje i primjena podataka o preciznosti u odnosu na metode ispitivanja (ISO 4259-2:2017; EN ISO 4259-2:2017)
Petroleum and related products – Precision of measurement methods and results – Part 2: Interpretation and application of precision data in relation to methods of test (ISO 4259-2:2017; EN ISO 4259-2:2017)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

- HRN EN ISO 6571:2009/A1:2018 en pr
Mirodije, začini i bilje – Određivanje sadržaja hlapljivih ulja (metoda destilacije vodom) (ISO 6571:2008/Amd 1:2017; EN ISO 6571:2009/A1:2017)
Spices, condiments and herbs – Determination of volatile oil content (hydrodistillation method) (ISO 6571:2008/Amd 1:2017; EN ISO 6571:2009/A1:2017)

- HRN EN ISO 11746:2012/A1:2018 en pr
Riža – Određivanje biometričkih karakteristika zrna (ISO 11746:2012/Amd 1:2017; EN ISO 11746:2012/A1:2017)
Rice – Determination of biometric characteristics of kernels (ISO 11746:2012/Amd 1:2017; EN ISO 11746:2012/A1:2017)

HZN/TO 37, *Terminologija*

- HRN ISO 16642:2018 en pr
Primjena računala u terminologiji – Okvir za terminološko obilježavanje (ISO 16642:2017)
Computer applications in terminology – Terminological markup framework (ISO 16642:2017)

- HRN ISO 18841:2018 en pr
Usluge usmenog prevođenja – Opći zahtjevi i preporuke (ISO 18841:2018)
Interpreting services – General requirements and recommendations (ISO 18841:2018)

- HRN EN ISO 20108:2018 en pr
Simultano prevođenje – Kvaliteta i prijenos zvučnoga i slikovnoga unosa – Zahtjevi (ISO 20108:2017; EN ISO 20108:2017)
Simultaneous interpreting – Quality and transmission of sound and image input – Requirements (ISO 20108:2017; EN ISO 20108:2017)

- HRN ISO 24614-1:2018 en pr
Upravljanje jezičnim resursima – Segmentacija riječi pisanih tekstova – 1. dio: Osnovni pojmovi i opća načela (ISO 24614-1:2010)
Language resource management – Word segmentation of written texts – Part 1: Basic concepts and general principles (ISO 24614-1:2010)

HRN ISO 24615-1:2018 en pr
Upravljanje jezičnim resursima – Okvir za sintaktičko označivanje (SynAF) – 1. dio: Sintaktički model (ISO 24615-1:2014)
Language resource management – Syntactic annotation framework (SynAF) – Part 1: Syntactic model (ISO 24615-1:2014)

HRN ISO 24617-4:2018 en pr
Upravljanje jezičnim resursima – Okvir za semantičko označivanje (SemAF) – 4. dio: Semantičke uloge (SemAF-SR) (ISO 24617-4:2014)
Language resource management – Semantic annotation framework (SemAF) – Part 4: Semantic roles (SemAF-SR) (ISO 24617-4:2014)

HRN ISO 24617-6:2018 en pr
Upravljanje jezičnim resursima – Okvir za semantičko označivanje – 6. dio: Načela semantičkog označivanja (načela SemAF-a) (ISO 24617-6:2016)
Language resource management – Semantic annotation framework – Part 6: Principles of semantic annotation (SemAF Principles) (ISO 24617-6:2016)

HRN ISO 24617-7:2018 en pr
Upravljanje jezičnim resursima – Okvir za semantičko označivanje – 7. dio: Prostorni podaci (ISO prostor) (ISO 24617-7:2014)
Language resource management – Semantic annotation framework – Part 7: Spatial information (ISOspace) (ISO 24617-7:2014)

HRN ISO 24617-8:2018 en pr
Upravljanje jezičnim resursima – Okvir za semantičko označivanje – 8. dio: Semantički odnosi u diskursu, jezgrena shema označivanja (DR jezgra) (ISO 24617-8:2016)
Language resource management – Semantic annotation framework (SemAF) – Part 8: Semantic relations in discourse, core annotation schema (DR-core) (ISO 24617-8:2016)

HRN ISO 24622-1:2018 en pr
Upravljanje jezičnim resursima – Infrastruktura komponentijalnih metapodataka (CMDI) – 1. dio: Model komponentijalnih metapodataka (ISO 24622-1:2015)
Language resource management – Component Metadata Infrastructure (CMDI) – Part 1: The Component Metadata Model (ISO 24622-1:2015)

HRN ISO 24624:2018 en pr
Upravljanje jezičnim resursima – Transkripcija govornog jezika (ISO 24624:2016)
Language resource management – Transcription of spoken language (ISO 24624:2016)

HZN/TO 43, Akustika

HRN ISO 362-1:2018 en pr
Mjerenje buke cestovnih vozila pri ubrzavanju – Inženjerska metoda – 1. dio: Kategorije M i N (ISO 362-1:2015)
Measurement of noise emitted by accelerating road vehicles – Engineering method – Part 1: M and N categories (ISO 362-1:2015)

HRN ISO 362-2:2018 en pr
Mjerenje buke cestovnih vozila pri ubrzavanju – Inženjerska metoda – 2. dio: Kategorija L (ISO 362-2:2009)
Measurement of noise emitted by accelerating road vehicles – Engineering method – Part 2: L category (ISO 362-2:2009)

HRN ISO 362-3:2018 en pr
Mjerenje buke cestovnih vozila pri ubrzavanju – Inženjerska metoda – 3. dio: Ispitivanje kategorija M i N u zatvorenom prostoru (ISO 362-3:2016)
Measurement of noise emitted by accelerating road vehicles – Engineering method – Part 3: Indoor testing M and N categories (ISO 362-3:2016)

HRN ISO 532-1:2018 en pr
Akustika – Metode proračuna glasnoće – 1. dio: Zwickerova metoda (ISO 532-1:2017, ispravljena verzija 2017-11)
Acoustics – Methods for calculating loudness – Part 1: Zwicker method (ISO 532-1:2017, Corrected version 2017-11)

HRN ISO 532-2:2018 en pr
Akustika – Metode proračuna glasnoće – 2. dio: Moore-Glasbergova metoda (ISO 532-2:2017)
Acoustics – Methods for calculating loudness – Part 2: Moore-Glasberg method (ISO 532-2:2017)

HRN ISO 1999:2018 en pr
Akustika – Procjena gubitka sluha zbog buke (ISO 1999:2013)
Acoustics – Estimation of noise-induced hearing loss (ISO 1999:2013)

HRN ISO 5129:2004/A1:2018 en pr
Akustika – Mjerenje razina zvučnog tlaka u zrakoplovu tijekom leta (ISO 5129:2001/Amd 1:2013)
Acoustics – Measurement of sound pressure levels in the interior of aircraft during flight (ISO 5129:2001/Amd 1:2013)

HRN ISO 5130:2018 en pr
Akustika – Mjerenje razine zvučnoga tlaka cestovnih vozila u mirovanju (ISO 5130:2007+Amd 1:2012)
Acoustics – Measurements of sound pressure level emitted by stationary road vehicles (ISO 5130:2007+Amd 1:2012)

HRN ISO 5131:2018 en pr
Traktori za poljoprivredu i šumarstvo – Mjerenje buke na mjestu rukovatelja – Pregledna metoda (ISO 5131:2015)
Tractors for agriculture and forestry – Measurement of noise at the operator's position – Survey method (ISO 5131:2015)

HRN ISO 6393:2018 en pr
Strojevi za zemljane radove – Određivanje razine zvučne snage – Stacionarni ispitni uvjeti (ISO 6393:2008)
Earth-moving machinery – Determination of sound power level – Stationary test conditions (ISO 6393:2008)

HRN ISO 6394:2018 en pr
Strojevi za zemljane radove – Određivanje razine zvučnog tlaka na mjestu rukovatelja – Stacionarni ispitni uvjeti (ISO 6394:2008+Cor 1:2009)
Earth-moving machinery – Determination of emission sound pressure level at operator's position – Stationary test conditions (ISO 6394:2008+Cor 1:2009)

HRN ISO 6395:2018 en pr
Strojevi za zemljane radove – Određivanje razine zvučne snage – Dinamički ispitni uvjeti (ISO 6395:2008)
Earth-moving machinery – Determination of sound power level – Dynamic test conditions (ISO 6395:2008)

HRN ISO 6396:2018 en pr
Strojevi za zemljane radove – Određivanje razine zvučnog tlaka na mjestu rukovatelja – Dinamički ispitni uvjeti (ISO 6396:2008+Cor 1:2009)
Earth-moving machinery – Determination of emission sound pressure level at operator's position – Dynamic test conditions (ISO 6396:2008+Cor 1:2009)

HRN ISO 7216:2018 en pr
Poljoprivredni i šumarski traktori – Mjerenje buke pri kretanju (ISO 7216:2015)
Agricultural and forestry tractors – Measurement of noise emitted when in motion (ISO 7216:2015)

HRS ISO/TS 7849-1:2018 en pr
Akustika – Određivanje razina zvučne snage strojeva uporabom mjerenja vibracija – 1. dio: Pregledna metoda uporabom nepromjenjivog faktora zračenja (ISO/TS 7849-1:2009)
Acoustics – Determination of airborne sound power levels emitted by machinery using vibration measurement – Part 1: Survey method using a fixed radiation factor (ISO/TS 7849-1:2009)

HRS ISO/TS 7849-2:2018 en pr
Akustika – Određivanje razina zvučne snage strojeva uporabom mjerenja vibracija – 2. dio: Inženjerska metoda koja uključuje određivanje odgovarajućeg faktora zračenja (ISO/TS 7849-2:2009)
Acoustics – Determination of airborne sound power levels emitted by machinery using vibration measurement – Part 2: Engineering method including determination of the adequate radiation factor (ISO/TS 7849-2:2009)

HRN ISO 9296:2018 en pr
Akustika – Iskazane vrijednosti buke informatičke i telekomunikacijske opreme (ISO 9296:2017)
Acoustics – Declared noise emission values of information technology and telecommunications equipment (ISO 9296:2017)

HRN ISO 10302-1:2018 en pr
Akustika – Mjerenje buke i strukturnog zvuka koje uzrokuju mali ventilatori – 1. dio: Mjerenje buke (ISO 10302-1:2011)
Acoustics – Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices – Part 1: Airborne noise measurement (ISO 10302-1:2011)

HRN ISO 10302-2:2018 en pr
Akustika – Mjerenje buke i strukturnog zvuka koje uzrokuju mali ventilatori – 2. dio: Mjerenje strukturnog zvuka (ISO 10302-2:2011)
Acoustics – Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices – Part 2: Structure-borne vibration measurements (ISO 10302-2:2011)

HRN ISO 10844:2018 en pr
Akustika – Specifikiranje ispitnih staza za mjerenje buke cestovnih vozila i njihovih pneumatika (ISO 10844:2014)
Acoustics – Specification of test tracks for measuring noise emitted by road vehicles and their tyres (ISO 10844:2014)

HRN ISO 13474:2018 en pr
Akustika – Okvir za proračun razdiobe razina izloženosti buci za impulsne zvučne događaje u svrhu ocjenjivanja buke okoliša (ISO 13474:2009)
Acoustics – Framework for calculating a distribution of sound exposure levels for impulsive sound events for the purposes of environmental noise assessment (ISO 13474:2009)

HRN EN ISO 16283-1:2014/A1:2018 en pr
Akustika – Terensko mjerenje zvučne izolacije u zgradama i izolacije građevnih dijelova zgrade – 1. dio: Zračna zvučna izolacija (ISO 16283-1:2014/Amd 1:2017; EN ISO 16283-1:2014/A1:2017)
Acoustics – Field measurement of sound insulation in buildings and of building elements – Part 1: Airborne sound insulation (ISO 16283-1:2014/Amd 1:2017; EN ISO 16283-1:2014/A1:2017)

HRN ISO 17497-1:2005/A1:2018 en pr
Akustika – Svojstva površina u pogledu raspršenja zvuka – 1. dio: Mjerenje koeficijenta raspršenja zvuka pri slučajnom upadu u odječnoj komori (ISO 17497-1:2004/Amd 1:2014)
Acoustics – Sound-scattering properties of surfaces – Part 1: Measurement of the random-incidence scattering coefficient in a reverberation room (ISO 17497-1:2004/Amd 1:2014)

HRN ISO 17497-2:2018 en pr
Akustika – Svojstva površina s obzirom na raspršenje zvuka – 2. dio: Mjerenje koeficijenta difuzije u slobodnom polju (ISO 17497-2:2012)
Acoustics – Sound-scattering properties of surfaces – Part 2: Measurement of the directional diffusion coefficient in a free field (ISO 17497-2:2012)

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 544:2018 en pr
Dodatni i potrošni materijali za zavarivanje – Tehnički uvjeti isporuke za dodatne materijale za zavarivanje – Vrsta proizvoda, dimenzije, dopuštena odstupanja i označivanje (ISO 544:2017; EN ISO 544:2017)
Welding consumables – Technical delivery conditions for filler materials and fluxes – Type of product, dimensions, tolerances and markings (ISO 544:2017; EN ISO 544:2017)

HRN EN ISO 13916:2018 en pr
Zavarivanje – Mjerenje temperature predgrijavanja, međuslojne temperature i održavanje temperature predgrijavanja (ISO 13916:2017; EN ISO 13916:2017)
Welding – Measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO 13916:2017; EN ISO 13916:2017)

HRN EN ISO 15296:2018 en pr
Oprema za plinsko zavarivanje – Rječnik (ISO 15296:2017; EN ISO 15296:2018)
Gas welding equipment – Vocabulary (ISO 15296:2017; EN ISO 15296:2018)

HRN EN ISO 17836:2018 en pr
Toplinsko naštrcavanje – Određivanje učinkovitosti nanošenja pri toplinskom naštrcavanju (ISO 17836:2017; EN ISO 17836:2017)
Thermal spraying – Determination of the deposition efficiency for thermal spraying (ISO 17836:2017; EN ISO 17836:2017)

HZN/TO 82, Rudarstvo

HRN EN ISO 19225:2018 en pr
Strojevi za podzemne rudnike – Pokretni strojevi za dobivanje na širokom čelu – Sigurnosni zahtjevi za rezne valjkaste utovarivače i plugove (ISO 19225:2017; EN ISO 19225:2017)
Underground mining machines – Mobile extracting machines at the face – Safety requirements for shearer loaders and plough systems (ISO 19225:2017; EN ISO 19225:2017)

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

HRN EN 17032:2018 en pr
Rashladni uređaji za brzo hlađenje i zamrzavanje za profesionalnu upotrebu – Razredba, zahtjevi i uvjeti ispitivanja (EN 17032:2018)
Blast chillers and freezers cabinets for professional use – Classification, requirements and test conditions (EN 17032:2018)

HZN/TO 92, Zaštita od požara

HRN EN 1364-2:2018 en pr
Ispitivanja otpornosti na požar nenosivih elemenata – 2. dio: Stropovi (EN 1364-2:2018)
Fire resistance for tests for non-loadbearing elements – Part 2: Ceilings (EN 1364-2:2018)

HZN/TO 108, Mehaničke vibracije i udari

HRN ISO 2017-1:2018 en pr
Mehaničke vibracije i udari – Elastično postavljivi sustavi – 1. dio: Tehničke informacije neophodne za primjenu izolacijskih sustava (ISO 2017-1:2005)
Mechanical vibration and shock – Resilient mounting systems – Part 1: Technical information to be exchanged for the application of isolation systems (ISO 2017-1:2005)

HRN ISO 2017-2:2018 en pr
Mehaničke vibracije i udari – Elastično postavljivi sustavi – 2. dio: Tehničke informacije neophodne za primjenu izolacije vibracija kod željezničkih sustava (ISO 2017-2:2007)
Mechanical vibration and shock – Resilient mounting systems – Part 2: Technical information to be exchanged for the application of vibration isolation associated with railway systems (ISO 2017-2:2007)

HRN ISO 2017-3:2018 en pr
Mehaničke vibracije i udari – Elastično postavljivi sustavi – 3. dio: Tehničke informacije neophodne za primjenu izolacije vibracija novih građevina (ISO 2017-3:2015)
Mechanical vibration and shock – Resilient mounting systems – Part 3: Technical information to be exchanged for application of vibration isolation to new buildings (ISO 2017-3:2015)

HRN ISO 2041:2018 en pr
Mehaničke vibracije, udari i praćenje stanja – Terminološki rječnik (ISO 2041:2009)
Mechanical vibration, shock and condition monitoring – Vocabulary (ISO 2041:2009)

HRN ISO 2631-4:2010/A1:2018 en pr
Mehaničke vibracije i udari – Ocjenjivanje izloženosti ljudi vibracijama cijelog tijela – 4. dio: Smjernice za procjenu utjecaja vibracija i rotacijskih gibanja na udobnost putnika i posade u transportnim sustavima s fiksnim vođenjem (ISO 2631-4:2001/Amd 1:2010)
Mechanical vibration and shock – Evaluation of human exposure to whole-body vibration – Part 4: Guidelines for the evaluation of the effects of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems (ISO 2631-4:2001/Amd 1:2010)

HRN ISO 4866:2018 en pr
Mehaničke vibracije i udari – Vibracije upetih konstrukcija – Smjernice za mjerenje vibracija i procjenu njihovih utjecaja na konstrukcije (ISO 4866:2010)
Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures (ISO 4866:2010)

HRN ISO 5344:2018 en pr
Elektrodinamički vibracijski sustavi – Značajke (ISO 5344:2004+Amd 1:2016)
Electrodynamic vibration generating systems – Performance characteristics (ISO 5344:2004+Amd 1:2016)

HRN ISO 7626-1:2018 en pr
Mehaničke vibracije i udari – Eksperimentalno određivanje mehaničke admitancije – 1. dio: Osnovni nazivi i definicije i specifikacije pretvornika (ISO 7626-1:2011)
Mechanical vibration and shock – Experimental determination of mechanical mobility – Part 1: Basic terms and definitions, and transducer specifications (ISO 7626-1:2011)

- HRN ISO 7626-2:2018 en pr
Mehaničke vibracije i udari – Eksperimentalno određivanje mehaničke admitancije – 2. dio: Mjerenje upotrebom translatorne uzbude u jednoj točki s priključenim izvorom vibracija (ISO 7626-2:2015)
Mechanical vibration and shock – Experimental determination of mechanical mobility – Part 2: Measurements using single-point translation excitation with an attached vibration exciter (ISO 7626-2:2015)
- HRN ISO 7919-3:2018 en pr
Mehaničke vibracije i udari – Procjena vibracija strojeva mjerenjem na rotirajućim vratilima – 3. dio: Povezani industrijski strojevi (ISO 7919-3:2009+Amd 1:2017)
Mechanical vibration – Evaluation of machine vibration by measurements on rotating shafts – Part 3: Coupled industrial machines (ISO 7919-3:2009+Amd 1:2017)
- HRN ISO 7919-4:2018 en pr
Mehaničke vibracije i udari – Procjena vibracija strojeva mjerenjem na rotirajućim vratilima – 4. dio: Plinske turbine s kliznim ležajevima (ISO 7919-4:2009+Amd 1:2017)
Mechanical vibration – Evaluation of machine vibration by measurements on rotating shafts – Part 4: Gas turbine sets with fluid-film bearings (ISO 7919-4:2009+Amd 1:2017)
- HRN ISO 7919-5:2018 en pr
Mehaničke vibracije i udari – Procjena vibracija strojeva mjerenjem na rotirajućim vratilima – 5. dio: Strojni sklopovi u hidrauličkim postrojenjima za proizvodnju energije i crpnim postrojenjima (ISO 7919-5:2005)
Mechanical vibration – Evaluation of machine vibration by measurements on rotating shafts – Part 5: Machine sets in hydraulic power generating and pumping plants (ISO 7919-5:2005)
- HRN ISO 10816-3:2018 en pr
Mehaničke vibracije – Ocjenjivanje vibracija strojeva mjerenjem na nerotirajućim dijelovima – 3. dio: Industrijski strojevi nazivne snage iznad 15 kW i nazivnih brzina između 120 o/min i 15000 o/min kad se mjere na mjestu (ISO 10816-3:2009+Amd 1:2017)
Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 3: Industrial machines with nominal power above 15 kW and nominal speeds between 120 r/min and 15 000 r/min when measured in situ (ISO 10816-3:2009+Amd 1:2017)
- HRN ISO 10816-4:2018 en pr
Mehaničke vibracije – Procjena vibracija strojeva mjerenjem na nerotirajućim dijelovima – 4. dio: Plinske turbine s kliznim ležajevima (ISO 10816-4:2009+Amd 1:2017)
Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 4: Gas turbine sets with fluid-film bearings (ISO 10816-4:2009+Amd 1:2017)
- HRN ISO 10816-21:2018 en pr
Mehaničke vibracije – Procjena vibracija strojeva mjerenjem na nerotirajućim dijelovima – 21. dio: Horizontalne vjetroturbine s reduktorom (ISO 10816-21:2015)
Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 21: Horizontal axis wind turbines with gearbox (ISO 10816-21:2015)
- HRN ISO 16063-11:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 11. dio: Primarno vibracijsko umjeravanje laserskom interferometrijom (ISO 16063-11:1999)
Methods for the calibration of vibration and shock transducers – Part 11: Primary vibration calibration by laser interferometry (ISO 16063-11:1999)
- HRN ISO 16063-12:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 12. dio: Primarno vibracijsko umjeravanje recipročnom metodom (ISO 16063-12:2002+Cor 1:2008)
Methods for the calibration of vibration and shock transducers – Part 12: Primary vibration calibration by the reciprocity method (ISO 16063-12:2002+Cor 1:2008)
- HRN ISO 16063-16:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 16. dio: Umjeravanje zemljinom gravitacijom (ISO 16063-16:2014)
Methods for the calibration of vibration and shock transducers – Part 16: Calibration by Earth's gravitation (ISO 16063-16:2014)
- HRN ISO 16063-17:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 17. dio: Primarno umjeravanje centrifugom (ISO 16063-17:2016)
Methods for the calibration of vibration and shock transducers – Part 17: Primary calibration by centrifuge (ISO 16063-17:2016)
- HRN ISO 16063-21:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 21. dio: Vibracijsko umjeravanje usporedbom s referentnim pretvaračem (ISO 16063-21:2003+Cor 1:2009+Amd 1:2016)
Methods for the calibration of vibration and shock transducers – Part 21: Vibration calibration by comparison to a reference transducer (ISO 16063-21:2003+Cor 1:2009+Amd 1:2016)
- HRN ISO 16063-22:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 22. dio: Udarno umjeravanje usporedbom s referentnim pretvaračem (ISO 16063-22:2005+Amd 1:2014)
Methods for the calibration of vibration and shock transducers – Part 22: Shock calibration by comparison to a reference transducer (ISO 16063-22:2005+Amd 1:2014)
- HRN ISO 16063-31:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 31. dio: Ispitivanje poprečne vibracijske osjetljivosti (ISO 16063-31:2009)
Methods for the calibration of vibration and shock transducers – Part 31: Testing of transverse vibration sensitivity (ISO 16063-31:2009)
- HRN ISO 16063-32:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 32. dio: Ispitivanje rezonancije – Ispitivanje frekvencijskog i faznog odziva akcelerometra s udarnom uzbudom (ISO 16063-32:2016)
Methods for the calibration of vibration and shock transducers – Part 32: Resonance testing – Testing the frequency and the phase response of accelerometers by means of shock excitation (ISO 16063-32:2016)
- HRN ISO 16063-33:2018 en pr
Metode umjeravanja pretvarača vibracija i udara – 33. dio: Ispitivanje osjetljivosti na magnetsko polje (ISO 16063-33:2017)
Methods for the calibration of vibration and shock transducers – Part 33: Testing of magnetic field sensitivity (ISO 16063-33:2017)
- HRN ISO 17359:2018 en pr
Nadzor stanja i dijagnostika strojeva – Opće smjernice (ISO 17359:2011)
Condition monitoring and diagnostics of machines – General guidelines (ISO 17359:2011)
- HRN ISO 20283-2:2018 en pr
Mehaničke vibracije – Mjerenje vibracija na brodovima – 2. dio: Mjerenje vibracija konstrukcije (ISO 20283-2:2008)
Mechanical vibration – Measurement of vibration on ships – Part 2: Measurement of structural vibration (ISO 20283-2:2008)
- HRN ISO 20283-5:2018 en pr
Mehaničke vibracije – Mjerenje vibracija na brodovima – 5. dio: Smjernice za mjerenje, procjena i izvještavanje o vibracijama s obzirom na prikladnost boravka na putničkim i trgovačkim brodovima (ISO 20283-5:2016)
Mechanical vibration – Measurement of vibration on ships – Part 5: Guidelines for measurement, evaluation and reporting of vibration with regard to habitability on passenger and merchant ships (ISO 20283-5:2016)
- HRN ISO 20816-1:2018 en pr
Mehaničke vibracije – Mjerenje i procjena vibracija strojeva – 1. dio: Opće smjernice (ISO 20816-1:2016)
Mechanical vibration – Measurement and evaluation of machine vibration – Part 1: General guidelines (ISO 20816-1:2016)
- HRN ISO 20816-2:2018 en pr
Mehaničke vibracije – Mjerenje i procjena vibracija strojeva – 2. dio: Velike kopnene plinske turbine, parne turbine i generatori snage veće od 40 MW, s kliznim ležajevima i nazivnih brzina vrtnje 1500 o/min, 1800 o/min, 3000 o/min i 3600 o/min (ISO 20816-2:2017)
Mechanical vibration – Measurement and evaluation of machine vibration – Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1 500 r/min, 1 800 r/min, 3 000 r/min and 3 600 r/min (ISO 20816-2:2017)

HRN ISO 21940-11:2018 en pr
Mehaničke vibracije – Uravnoteživanje rotora – 11. dio: Postupci i tolerancije za krute rotore (ISO 21940-11:2016)
Mechanical vibration – Rotor balancing – Part 11: Procedures and tolerances for rotors with rigid behaviour (ISO 21940-11:2016)

HRN ISO 21940-12:2018 en pr
Mehaničke vibracije – Uravnoteživanje rotora – 12. dio: Postupci i tolerancije za elastične rotore (ISO 21940-12:2016)
Mechanical vibration – Rotor balancing – Part 12: Procedures and tolerances for rotors with flexible behaviour (ISO 21940-12:2016)

HRN ISO 21940-14:2018 en pr
Mehaničke vibracije – Uravnoteživanje rotora – 14. dio: Postupci za ocjenjivanje pogreški uravnoteživanja (ISO 21940-14:2012)
Mechanical vibration – Rotor balancing – Part 14: Procedures for assessing balance errors (ISO 21940-14:2012)

HRN ISO 21940-21:2018 en pr
Mehaničke vibracije – Uravnoteživanje rotora – 21. dio: Opis i procjena strojeva za uravnoteživanje (ISO 21940-21:2012)
Mechanical vibration – Rotor balancing – Part 21: Description and evaluation of balancing machines (ISO 21940-21:2012)

HRN ISO 21940-23:2018 en pr
Mehaničke vibracije – Uravnoteživanje rotora – 23. dio: Ograde i druge zaštitne mjere za ispitne stanice sa strojevima za uravnoteživanje (ISO 21940-23:2012)
Mechanical vibration – Rotor balancing – Part 23: Enclosures and other protective measures for the measuring station of balancing machines (ISO 21940-23:2012)

HRN ISO 21940-32:2018 en pr
Mehaničke vibracije – Uravnoteživanje rotora – 32. dio: Konvencija o spoju klinom vratila i glavine (ISO 21940-32:2012)
Mechanical vibration – Rotor balancing – Part 32: Shaft and fitment key convention (ISO 21940-32:2012)

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 13368-3:2018 en pr
Gnojiva – Određivanje kelatnih agensa u gnojivima kromatografijom – 3. dio: Određivanje [S, S]-EDDS ionskom kromatografijom (EN 13368-3:2017)
Fertilizers – Determination of chelating agents in fertilizers by chromatography – Part 3: Determination of [S, S]-EDDS by ion pair chromatography (EN 13368-3:2017)

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

HRN EN 1852-1:2018 en pr
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Polipropilen (PP) – 1. dio: Specifikacije za cijevi, spojnice i sustav (EN 1852-1:2018)
Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene (PP) – Part 1: Specifications for pipes, fittings and the system (EN 1852-1:2018)

HRN EN ISO 11295:2018 en pr
Razredba i obavijesti o oblikovanju plastičnih cijevnih sustava namijenjenih za obnavljanje i premještanje (ISO 11295:2017; EN ISO 11295:2017)
Classification and information on design and applications of plastics piping systems used for renovation and replacement (ISO 11295:2017; EN ISO 11295:2017)

HZN/TO 146, Kvaliteta zraka

HRN ISO 16000-3:2018 en pr
Zrak u zatvorenom prostoru – 3. dio: Određivanje formaldehida i drugih karbonilnih spojeva u zatvorenom prostoru i ispitnim komorama – Metoda aktivnog uzorkovanja (ISO 16000-3:2011)
Indoor air – Part 3: Determination of formaldehyde and other carbonyl compounds in indoor air and test chamber air – Active sampling method (ISO 16000-3:2011)

HZN/TO 163, Toplinska izolacija

HRN EN 13467:2018 en pr
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje dimenzija, pravokutnosti i linearnosti predgotovljene izolacije za cijevi (EN 13467:2018)
Thermal insulating products for building equipment and industrial installations – Determination of dimensions, squareness and linearity of preformed pipe insulation (EN 13467:2018)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11981:2018 en pr
Oftalmološka optika – Kontaktne leće i proizvodi za njegu kontaktnih leća – Utvrđivanje fizikalne usklađenosti proizvoda za njegu kontaktnih leća s kontaktnim lećama (ISO 11981:2017; EN ISO 11981:2017)
Ophthalmic optics – Contact lenses and contact lens care products – Determination of physical compatibility of contact lens care products with contact lenses (ISO 11981:2017; EN ISO 11981:2017)

HRN EN ISO 11986:2018 en pr
Oftalmološka optika – Kontaktne leće i proizvodi za njegu kontaktnih leća – Određivanje upijanja i otpuštanja sredstava zaštite (ISO 11986:2017; EN ISO 11986:2017)
Ophthalmic optics – Contact lenses and contact lens care products – Determination of preservative uptake and release (ISO 11986:2017; EN ISO 11986:2017)

HZN/TO 181, Sigurnost igračka i proizvodi za djecu

HRN EN 71-8:2018 en pr
Sigurnost igračka – 8. dio: Igračke za fizičku aktivnost u kućanstvu (EN 71-8:2018)
Safety of toys – Part 8: Activity toys for domestic use (EN 71-8:2018)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 18674-3:2018 en pr
Geotehničko istraživanje i ispitivanje – Geotehničko opažanje terenskom mjernom opremom – 3. dio: Mjerenje pomaka okomito na liniju: Inklinometri (ISO 18674-3:2017; EN ISO 18674-3:2017)
Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 3: Measurement of displacements across a line: Inclined meters (ISO 18674-3:2017; EN ISO 18674-3:2017)

HZN/TO 190, Kvaliteta tla

HRN ISO 18504:2018 en pr
Kvaliteta tla – Održiva remedijacija (ISO 18504:2017)
Soil quality – Sustainable remediation (ISO 18504:2017)

HZN/TO 215, Medicinska informatika

HRN EN ISO 11615:2018 en pr
Medicinska informatika – Identifikacija medicinskih proizvoda – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o medicinskim proizvodima (ISO 11615:2017; EN ISO 11615:2017)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2017; EN ISO 11615:2017)

HRN EN ISO 11616:2018 en pr
Medicinska informatika – Identifikacija medicinskih proizvoda – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o farmaceutskim proizvodima (ISO 11616:2017; EN ISO 11616:2017)
Health informatics – Identification of medicinal products – Data elements and structures for the Unique Identification and Exchange of regulated Pharmaceutical Product Information (ISO 11616:2017; EN ISO 11616:2017)

HZN/TO 503, Metalni materijali

HRN EN ISO 3210:2018 en pr
Anodna obrada aluminija i aluminijevih legura – Ocjenjivanje kvalitete zapunjenih prevlaka anodnom oksidacijom mjerenjem gubitka mase nakon uranjanja u otopinu(e) fosforne kiseline (ISO 3210:2017; EN ISO 3210:2017)
Anodizing of aluminium and its alloys – Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in acid solution(s) (ISO 3210:2017; EN ISO 3210:2017)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 27830:2018 en pr
Metalne i druge anorganske prevlake – Smjernice za specifikaciju metalnih i anorganskih prevlaka (ISO 27830:2017; EN ISO 27830:2017)
Metallic and other inorganic coatings – Requirements for the designation of metallic and inorganic coatings (ISO 27830:2017; EN ISO 27830:2017)

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

HRN EN ISO 19901-2:2018 en pr
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne konstrukcije – 2. dio: Postupci i kriteriji projektiranja konstrukcija otpornih na potrese (ISO 19901-2:2017; EN ISO 19901-2:2017)
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 2: Seismic design procedures and criteria (ISO 19901-2:2017; EN ISO 19901-2:2017)

HZN/TO 509, Cestovna oprema

HRI CEN/TR 16958:2018 en pr
Materijali za oznake na kolniku – Uvjeti za uklanjanje/skrivanje oznaka na kolniku (CEN/TR 16958:2017)
Road marking materials – Conditions for removing/masking road markings (CEN/TR 16958:2017)

HZN/TO 524, Inteligentni transportni sustavi

HRN EN ISO 16407-1:2018 en pr
Elektronička naplata – Vrednovanje opreme za utvrđivanje sukladnosti s normom ISO 17575-1 – 1. dio: Struktura ispitnog paketa i svrhe ispitivanja (ISO 16407-1:2017; EN ISO 16407-1:2017)
Electronic fee collection – Evaluation of equipment for conformity to ISO 17575-1 – Part 1: Test suite structure and test purposes (ISO 16407-1:2017; EN ISO 16407-1:2017)

HRN EN ISO 16410-1:2018 en pr
Elektronička naplata – Vrednovanje opreme za utvrđivanje sukladnosti s normom ISO 17575-3 – 1. dio: Struktura ispitnog paketa i svrhe ispitivanja (ISO 16410-1:2017; EN ISO 16410-1:2017)
Electronic fee collection – Evaluation of equipment for conformity to ISO 17575-3 – Part 1: Test suite structure and test purposes (ISO 16410-1:2017; EN ISO 16410-1:2017)

HRS CEN ISO/TS 17429:2018 en pr
Inteligentni transportni sustavi – Kooperativni ITS – Oprema ITS postaje za prijenos informacija između ITS postaja (ISO/TS 17429:2017; CEN ISO/TS 17429:2017)
Intelligent transport systems – Cooperative ITS – ITS station facilities for the transfer of information between ITS stations (ISO/TS 17429:2017; CEN ISO/TS 17429:2017)

HRS CEN ISO/TS 17444-1:2018 en pr
Elektronička naplata – Značajke naplaćivanja – 1. dio: Metrika (ISO/TS 17444-1:2017; CEN ISO/TS 17444-1:2017)
Electronic fee collection – Charging performance – Part 1: Metrics (ISO/TS 17444-1:2017; CEN ISO/TS 17444-1:2017)

HRN EN ISO 25110:2018 en pr
Elektronička naplata – Sučelje za naplatu unutar vozila uporabom elektroničke kartice (ISO 25110:2017; EN ISO 25110:2017)
Electronic fee collection – Interface definition for on-board account using integrated circuit card (ICC) (ISO 25110:2017; EN ISO 25110:2017)

HZN/TO 526, Bitumenska veziva

HRN EN 13398:2018 en pr
Bitumen i bitumenska veziva – Određivanje elastičnog povrata modificiranog bitumena (EN 13398:2017)
Bitumen and bituminous binders – Determination of the elastic recovery of modified bitumen (EN 13398:2017)

HRN EN 13399:2018 en pr
Bitumen i bitumenska veziva – Određivanje stabilnosti pri skladištenju modificiranog bitumena (EN 13399:2017)
Bitumen and bituminous binders – Determination of storage stability of modified bitumen (EN 13399:2017)

HZN/TO 528, Oprema za željeznice

HRN EN 13103-1:2018 en pr
Željeznički sustav – Osovinski sklopovi i okretna postolja – Metoda projektiranja za vanjske nosive osovine (EN 13103-1:2017)
Railway applications – Wheelsets and bogies – Part 1: Design method for axles with external journals (EN 13103-1:2017)

HRN EN 14478:2018 en pr
Željeznički sustav – Kočenje – Opći rječnik (EN 14478:2017)
Railway applications – Braking – Generic vocabulary (EN 14478:2017)

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

HRN EN 13001-3-1:2018 en pr
Granici – Osnove projektiranja – Dio 3-1: Granična stanja i dokaz sigurnosti za čelične nosive konstrukcije (EN 13001-3-1:2012+A2:2018)
Cranes – General Design – Part 3-1: Limit States and proof of competence of steel structure (EN 13001-3-1:2012+A2:2018)

HZN/TO 531, Plastika i guma

HRN EN ISO 294-5:2018 en pr
Plastika – Injekcijsko prešanje ispitnih uzoraka plastomernih materijala – 5. dio: Priprema standardnih ispitnih uzoraka za proučavanje anizotropije (ISO 294-5:2017; EN ISO 294-5:2017)
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 5: Preparation of standard specimens for investigating anisotropy (ISO 294-5:2017; EN ISO 294-5:2017)

HRN EN 438-9:2018 en pr
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajenoga naziva laminati) – 9. dio: Razredba i specifikacije za laminatne alternativnih jezgri (EN 438-9:2017)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (usually called laminates) – Part 9: Classification and specifications for alternative core laminates (EN 438-9:2017)

HRN EN ISO 1825:2018 en pr
Gumena crijeva i crijevni sklopovi za zemaljsku opskrbu aviona gorivom – Specifikacija (ISO 1825:2017; EN ISO 1825:2017)
Rubber hoses and hose assemblies for aircraft ground fuelling and defuelling – Specification (ISO 1825:2017; EN ISO 1825:2017)

HRN EN ISO 10210:2018 en pr
Plastika – Metode pripreme uzoraka za ispitivanje biorazgradnje plastičnih materijala (ISO 10210:2012; EN ISO 10210:2017)
Plastics – Methods for the preparation of samples for biodegradation testing of plastic materials (ISO 10210:2012; EN ISO 10210:2017)

HRN EN ISO 14853:2018 en pr
Plastika – Određivanje krajnje anaerobne biorazgradnje plastičnih materijala u vodenom sustavu – Metoda mjerenja proizvodnje bioplina (ISO 14853:2016; EN ISO 14853:2017)
Plastics – Determination of the ultimate anaerobic biodegradation of plastic materials in an aqueous system – Method by measurement of biogas production (ISO 14853:2016; EN ISO 14853:2017)

HRN EN 14932:2018 en pr
Plastika – Rastezljivi plastomerni filmovi za omatanje silažnih bala (EN 14932:2018)
Plastics – Thermoplastic stretch films for wrapping silage bales (EN 14932:2018)

HRN EN ISO 15985:2018 en pr
Plastika – Određivanje krajnje anaerobne razgradnje u uvjetima probave visokog udjela krute tvari – Metoda analize otpuštenog bioplina (ISO 15985:2014; EN ISO 15985:2017)
Plastics – Determination of the ultimate anaerobic biodegradation under high-solids anaerobic-digestion conditions – Method by analysis of released biogas (ISO 15985:2014; EN ISO 15985:2017)

HRN EN 17098-1:2018 en pr
Plastika – Barijerni filmovi za dezinfekciju tla fumigacijom u poljoprivredi i vrtlarstvu – 1. dio: Specifikacije za barijerne filmove (EN 17098-1:2018)
Plastics – Barrier films for agricultural and horticultural soil disinfection by fumigation – Part 1: Specifications for barrier films (EN 17098-1:2018)

HRN EN 17098-2:2018 en pr
Plastika – Barijerni filmovi za dezinfekciju tla fumigacijom u poljoprivredi i vrtlarstvu – 2. dio: Metoda određivanja propusnosti filma uporabom statične tehnike (EN 17098-2:2018)
Plastics – Barrier films for agricultural and horticultural soil disinfection by fumigation – Part 2: Method for film permeability determination using a static technique (EN 17098-2:2018)

HRN EN ISO 19679:2018 en pr
Plastika – Određivanje aerobne biorazgradnje neplutajućih plastičnih materijala u sučelju morske vode/sedimenta – Metoda analize razvijenog ugljikovog dioksida (ISO 19679:2016; EN ISO 19679:2017)
Plastics – Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface – Method by analysis of evolved carbon dioxide (ISO 19679:2016; EN ISO 19679:2017)

HZN/TO 534, Spremnici za teret

HRN EN 15969-1:2018 en pr
Spremnici za prijevoz opasnih tvari – Digitalno sučelje za prijenos podataka između vozila cisterne i nepomičnih uređaja – 1. dio: Specifikacija protokola – Upravljanje, mjerenje i podaci o događajima (EN 15969-1:2017)
Tanks for transport of dangerous goods – Digital interface for the data transfer between tank vehicle and with stationary facilities – Part 1: Protocol specification – Control, measurement and event data (EN 15969-1:2017)

HRN EN 15969-2:2018 en pr
Spremnici za prijevoz opasnih tvari – Digitalno sučelje za prijenos podataka između vozila cisterne i nepomičnih uređaja – 2. dio: Komercijalni i logistički podaci (EN 15969-2:2017)
Tanks for transport of dangerous goods – Digital interface for the data transfer between tank vehicle and with stationary facilities – Part 2: Commercial and logistic data (EN 15969-2:2017)

HZN/TO 543, Poštanske usluge

HRN EN ISO 19160-4:2018 en pr
Adresiranje – 4. dio: Sastavnice i jezični predlošci za međunarodne poštanske adrese (ISO 19160-4:2017; EN ISO 19160-4:2017)
Addressing – Part 4: International postal address components and template languages (ISO 19160-4:2017; EN ISO 19160-4:2017)

HZN/TO 550, Opskrba vodom

HRN EN 17034:2018 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Bezvodni aluminijev klorid, aluminijev klorid (bazni), dialuminijev klorid pentahidroksid i aluminijev klorid hidroksid sulfat (EN 17034:2018)
Chemicals used for treatment of water intended for human consumption – Aluminium chloride anhydrous, aluminium chloride basic, dialuminium chloride pentahydroxide and aluminium chloride hydroxide sulfate (EN 17034:2018)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 10993-4:2018 en pr
Biološka procjena medicinskih proizvoda – 4. dio: Odabir ispitivanja za interakciju s krvlju (ISO 10993-4:2017; EN ISO 10993-4:2017)
Biological evaluation of medical devices – Part 4: Selection of tests for interactions with blood (ISO 10993-4:2017; EN ISO 10993-4:2017)

HRN EN ISO 10993-16:2018 en pr
Biološka procjena medicinskih proizvoda – 16. dio: Nacrt toksikokinetičkog istraživanja za produkte razgradnje i zaostatke ispiranja (ISO 10993-16:2017; EN ISO 10993-16:2017)
Biological evaluation of medical devices – Part 16: Toxicokinetic study design for degradation products and leachables (ISO 10993-16:2017; EN ISO 10993-16:2017)

HRN EN ISO 14644-15:2018 en pr
Čisti prostori i odgovarajući kontrolirani okoliš – 15. dio: Procjena prikladnosti opreme i materijala određivanjem koncentracije čestica koje se prenose zrakom (ISO 14644-15:2017; EN ISO 14644-15:2017)
Cleanrooms and associated controlled environments – Part 15: Assessment of suitability for use of equipment and materials by airborne chemical concentration (ISO 14644-15:2017; EN ISO 14644-15:2017)

HRN EN ISO 17664:2018 en pr
Postupci za proizvode zdravstvene zaštite – Informacije za obradu medicinskih proizvoda koje daje proizvođač medicinskih proizvoda (ISO 17664:2017; EN ISO 17664:2017)
Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices (ISO 17664:2017; EN ISO 17664:2017)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 353-1:2018 en pr
Osobna zaštitna oprema protiv pada s visine – Naprave za zaustavljanje pada s vodicom uključujući sidrenu liniju – 1. dio: Naprave za zaustavljanje pada s vodicom uključujući čvrstu sidrenu liniju (EN 353-1:2014+A1:2017)
Personal fall protection equipment – Guided type fall arresters including an anchor line – Part 1: Guided type fall arresters including a rigid anchor line (EN 353-1:2014+A1:2017)

HRN EN 13634:2018 en pr
Zaštitna obuća za vozače motocikla – Zahtjevi i metode ispitivanja (EN 13634:2017)
Protective footwear for motorcycle riders – Requirements and test methods (EN 13634:2017)

HZN/TO 557, Zaštitna odjeća

HRN EN 14225-1:2018 en pr
Ronilačka odijela – 1. dio: Mokra odijela – Zahtjevi i metode ispitivanja (EN 14225-1:2017)
Diving suits – Part 1: Wet suits – Requirements and test methods (EN 14225-1:2017)

HRN EN 14225-2:2018 en pr
Ronilačka odijela – 2. dio: Suha odijela – Zahtjevi i metode ispitivanja (EN 14225-2:2017)
Diving suits – Part 2: Dry suits – Requirements and test methods (EN 14225-2:2017)

HRN EN 14225-3:2018 en pr
Ronilačka odijela – 3. dio: Aktivno grijani ili hlađeni sustavi odijela i sastavnih dijelova – Zahtjevi i metode ispitivanja (EN 14225-3:2017)
Diving suits – Part 3: Actively heated or cooled suit systems and components – Requirements and test methods (EN 14225-3:2017)

HRI CEN/TR 15419:2018 en pr
Zaštitna odjeća – Smjernice za odabir, uporabu, njegu i održavanje zaštitne odjeće za zaštitu od kemikalija (CEN/TR 15419:2017)
Protective clothing – Guidelines for selection, use, care and maintenance of chemical protective clothing (CEN/TR 15419:2017)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 105-B03:2018 en pr
Tekstil – Ispitivanje postojanosti obojenja – Dio B03: Postojanost obojenja na atmosferske uvjete: direktno izlaganje (ISO 105-B03:2017; EN ISO 105-B03:2017)
Textiles – Tests for colour fastness – Part B03: Colour fastness to weathering: Outdoor exposure (ISO 105-B03:2017; EN ISO 105-B03:2017)

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

HRN EN 1860-1:2017/Ispr.1:2018 en pr
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja (EN 1860-1:2013+A1:2017/AC:2017)
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods (EN 1860-1:2013+A1:2017/AC:2017)

HRN EN ISO 11363-2:2018 en pr
Plinske boce – 17E i 25E konusni navoj za spajanje ventila na plinske boce – 2. dio: Kontrolna mjerila (ISO 11363-2:2017; EN ISO 11363-2:2017)
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 2: Inspection gauges (ISO 11363-2:2017; EN ISO 11363-2:2017)

HZN/TO 562, *Alatni strojevi i alati*

HRN EN ISO 19085-6:2018 en pr
Strojevi za obradu drva – Sigurnost – 6. dio: Jednovretni strojevi za vertikalno oblikovanje kalupa (ISO 19085-6:2017; EN ISO 19085-6:2017)
Woodworking machines – Safety – Part 6: Single spindle vertical moulding machines (“toupies”) (ISO 19085-6:2017; EN ISO 19085-6:2017)

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

HRN EN 12014-2:2018 en pr
Hrana – Određivanje količine nitrata i/ili nitrita – 2. dio: Metoda tekućinske kromatografije visokog učinka (HPLC)/metoda kromatografije s ionskim izmjenjivačem (IC) za određivanje količine nitrata u povrću i proizvodima od povrća (EN 12014-2:2017)
Foodstuffs – Determination of nitrate and/or nitrite content – Part 2: HPLC/IC method for the determination of nitrate content of vegetables and vegetable products (EN 12014-2:2017)

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

HRN EN 748:2018 en pr
Oprema za sportska igrališta – Nogometni golovi – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 748:2013+A1:2018)
Playing field equipment – Football goals – Functional and safety requirements, test methods (EN 748:2013+A1:2018)

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

HRN EN 1651:2018 en pr
Oprema za paraglajding – Sigurnosno remenje – Zahtjevi za sigurnost i ispitivanje izdržljivosti (EN 1651:2018)
Paragliding equipment – Harnesses – Safety requirements and strength tests (EN 1651:2018)

HRN EN ISO 20380:2018 en pr
Javni bazeni – Računalni sustavi za otkrivanje nesreća utapanjem u bazenima – Sigurnosni zahtjevi i metode ispitivanja (ISO 20380:2017; EN ISO 20380:2017)
Public swimming pools – Computer vision systems for the detection of drowning accidents in swimming pools – Safety requirements and test methods (ISO 20380:2017; EN ISO 20380:2017)

HRN EN ISO 20957-8:2018 en pr
Nepomična oprema za vježbanje – 8. dio: Nožni steperi, pomične penjače stube i penjači – Dodatni posebni sigurnosni zahtjevi i metode ispitivanja (ISO 20957-8:2017; EN ISO 20957-8:2017)
Stationary training equipment – Part 8: Steppers, stairclimbers and climbers – Additional specific safety requirements and test methods (ISO 20957-8:2017; EN ISO 20957-8:2017)

HRN EN ISO 20957-10:2018 en pr
Nepomična oprema za vježbanje – 10. dio: Bicikl za vježbanje s fiksnim kotačem ili bez slobodnoga kotača – Dodatni posebni sigurnosni zahtjevi i metode ispitivanja (ISO 20957-10:2017; EN ISO 20957-10:2017)
Stationary training equipment – Part 10: Exercise bicycles with a fixed wheel or without freewheel – Additional specific safety requirements and test methods (ISO 20957-10:2017; EN ISO 20957-10:2017)

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

HRN ISO 10006:2018 en pr
Upravljanje kvalitetom – Smjernice za upravljanje kvalitetom u projektima (ISO 10006:2017)
Quality management – Guidelines for quality management in projects (ISO 10006:2017)

HZN/TO E9, *Električna oprema za željeznicu*

HRN EN 60077-1:2018 en pr
Željeznički sustav – Električna oprema za željeznička vozila – 1. dio: Opći radni uvjeti i opća pravila (IEC 60077-1:2017; EN 60077-1:2017)
Railway applications – Electric equipment for rolling stock – Part 1: General service conditions and general rules (IEC 60077-1:2017; EN 60077-1:2017)

HRN EN 60077-2:2018 en pr
Željeznički sustav – Električna oprema za željeznička vozila – 2. dio: Elektrotehničke komponente – Opća pravila (IEC 60077-2:2017; EN 60077-2:2017)
Railway applications – Electric equipment for rolling stock – Part 2: Electrotechnical components – General rules (IEC 60077-2:2017; EN 60077-2:2017)

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

HRN EN 62056-6-1:2018 en pr
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification/Companion Specification for Energy Metering) – Dio 6-1: Sustav prepoznavanja objekta (OBIS - Object Identification System) (IEC 62056-6-1:2017; EN 62056-6-1:2017)
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-1: COSEM Object Identification System (OBIS) (IEC 62056-6-1:2017; EN 62056-6-1:2017)

HZN/TO E17, *Sklopni i upravljački uređaji*

HRN EN 60715:2018 en pr
Dimenzije niskonaponskih sklopnih i upravljačkih uređaja – Normirano postavljanje na tračnice za mehaničko podupiranje sklopnih i upravljačkih uređaja i pribora (IEC 60715:2017; EN 60715:2017)
Dimensions of low-voltage switchgear and controlgear – Standardized mounting on rails for mechanical support of switchgear, controlgear and accessories (IEC 60715:2017; EN 60715:2017)

HRN EN 60947-5-1:2018 en pr
Niskonaponska sklopna aparatura – Dio 5-1: Aparati za upravljačke strujne krugove i sklopni elementi – Elektromehanički aparati za upravljačke strujne krugove (IEC 60947-5-1:2016+Corr.1:2016; EN 60947-5-1:2017)
Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices (IEC 60947-5-1:2016+Corr.1:2016; EN 60947-5-1:2017)

HZN/TO E20, *Električni kabeli*

HRN EN 50655-1:2018 en pr
Električni kabeli – Pribor – Značajke materijala – 1. dio: Identifikacija materijala za zaljevne smjese (EN 50655-1:2017)
Electric cables – Accessories – Material characterization – Part 1: Fingerprinting for resinous compounds (EN 50655-1:2017)

HRN EN 50655-2:2018 en pr
Električni kabeli – Pribor – Značajke materijala – 2. dio: Identifikacija materijala za toplonoskupljajuće komponente za primjenu u niskonaponskim i srednjonaponskim sustavima do 20,8/36 (42) kV (EN 50655-2:2017)
Electric cables – Accessories – Material characterization – Part 2: Fingerprinting for heat shrinkable components for low and medium voltage applications up to 20,8/36 (42) kV (EN 50655-2:2017)

HRN EN 50655-3:2018 en pr
Električni kabeli – Pribor – Značajke materijala – 3. dio: Identifikacija materijala za hladnoskupljajuće komponente za primjenu u niskonaponskim i srednjonaponskim sustavima do 20,8/36(42) kV (EN 50655-3:2017)
Electric cables – Accessories – Material characterization – Part 3: Fingerprinting for cold shrinkable components for low and medium voltage applications up to 20,8/36 (42) kV (EN 50655-3:2017)

HRN EN 60811-201:2013/A1:2018 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 201. dio: Općenita ispitivanja – Ispitivanje debljine izolacije (IEC 60811-201:2012/am1:2017; EN 60811-201:2012/A1:2017)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 201: General tests – Measurement of insulation thickness (IEC 60811-201:2012/am1:2017; EN 60811-201:2012/A1:2017)

HRN EN 60811-202:2013/A1:2018 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 202. dio: Općenita ispitivanja – Ispitivanje debljine nemetalnog plašta (IEC 60811-202:2012/am1:2017; EN 60811-202:2012/A1:2017)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 202: General tests – Measurement of thickness of non-metallic sheath (IEC 60811-202:2012/am1:2017; EN 60811-202:2012/A1:2017)

HRN EN 60811-401:2013/A1:2018 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 401. dio: Različita ispitivanja – Toplinske metode starenja – Starenje u zračnoj pećnici (IEC 60811-401:2012/am1:2017; EN 60811-401:2012/A1:2017)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 401: Miscellaneous tests – Thermal ageing methods – Ageing in an air oven (IEC 60811-401:2012/am1:2017; EN 60811-401:2012/A1:2017)

HRN EN 60811-410:2013/A1:2018 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 410. dio: Različita ispitivanja – Metoda ispitivanja oksidacijske degradacije uz katalitičko djelovanje bakra za vodiče izolirane poliolefinom (IEC 60811-410:2012/am1:2017; EN 60811-410:2012/A1:2017)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 410: Miscellaneous tests – Test method for copper-catalyzed oxidative degradation of polyolefin insulated conductors (IEC 60811-410:2012/am1:2017; EN 60811-410:2012/A1:2017)

HRN EN 60811-508:2013/A1:2018 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 508. dio: Mehanička ispitivanja – Ispitivanje na tlak kod visokih temperatura za izolacije i plašteve (IEC 60811-508:2012/am1:2017; EN 60811-508:2012/A1:2017)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 508: Mechanical tests – Pressure test at high temperature for insulation and sheaths (IEC 60811-508:2012/am1:2017; EN 60811-508:2012/A1:2017)

HRN EN 60811-509:2013/A1:2018 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 509. dio: Mehanička ispitivanja – Ispitivanje otpornosti izolacija i plašteva na pucanje (toplotni udar) (IEC 60811-509:2012/am1:2017; EN 60811-509:2012/A1:2017)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 509: Mechanical tests – Test for resistance of insulations and sheaths to cracking (heat shock test) (IEC 60811-509:2012/am1:2017; EN 60811-509:2012/A1:2017)

HRN EN 60811-511:2013/A1:2018 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 511. dio: Mehanička ispitivanja – Mjerenje indeksa masenoga protoka taline (IEC 60811-511:2012/am1:2017; EN 60811-511:2012/A1:2017)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 511: Mechanical tests – Measurement of the melt flow index of polyethylene compounds (IEC 60811-511:2012/am1:2017; EN 60811-511:2012/A1:2017)

HZN/TO E22, Energetska elektronika

HRN EN 62501:2010/A2:2018 en pr
Ventili za pretvarače s naponskim ulazom (VSC) za prijenos energije istosmjernom strujom visokog napona (HVDC) – Električno ispitivanje (IEC 62501:2009/am2:2017; EN 62501:2009/A2:2017)
Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing (IEC 62501:2009/am2:2017; EN 62501:2009/A2:2017)

HZN/TO E23, Električni instalacijski pribor

HRN EN 62606:2013/A1:2018 en pr
Opći zahtjevi za uređaje za otkrivanje elektrolučnog kvara (IEC 62606:2013/am1:2017; EN 62606:2013/A1:2017)
General requirements for arc fault detection devices (IEC 62606:2013/am1:2017; EN 62606:2013/A1:2017)

HZN/TO E31, Eksplozivne atmosfere

HRN EN 60079-18:2015/A1:2018 en pr
Eksplozivne atmosfere – 18. dio: Vrsta zaštite opreme oblaganje "m" (IEC 60079-18:2014/am1:2017; EN 60079-18:2015/A1:2017)
Explosive atmospheres – Part 18: Equipment protection by encapsulation "m" (IEC 60079-18:2014/am1:2017; EN 60079-18:2015/A1:2017)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60061-1:2008/A56:2017/Ispr.1:2018 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am56:2017/Corr.1:2017; EN 60061-1:1993/A56:2017/AC:2017)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am56:2017/Corr.1:2017; EN 60061-1:1993/A56:2017/AC:2017)

HRN EN 60081:2008/A6:2018 en pr
Fluorescentne cijevi s dva podnoška – Izvedbeni zahtjevi (IEC 60081:1997/am6:2017, MOD; EN 60081:1998/A6:2017)
Double-capped fluorescent lamps – Performance specifications (IEC 60081:1997/am6:2017, MOD; EN 60081:1998/A6:2017)

HRN EN 62612:2013/A11:2017/Ispr.1:2018 en pr
Žarulje sa svjetlećim diodama s vlastitom predspojnom napravom za opću uporabu u rasvjeti s naponom napajanja većim od 50 V – Izvedbeni zahtjevi (EN 62612:2013/A11:2017/AC:2017)
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements (EN 62612:2013/A11:2017/AC:2017)

HRN EN 62838:2016/Ispr.1:2018 en pr
Poluintegrirane žarulje sa svjetlećim diodama za opću rasvjetu s naponima napajanja koji ne prelaze 50 V efektivno izmjenično ili 120 V istosmjerno bez valovitosti – Sigurnosne specifikacije (IEC 62838:2015/Corr.1:2017; EN 62838:2016/AC:2017)
LEDs lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. – Safety specifications (IEC 62838:2015/Corr.1:2017; EN 62838:2016/AC:2017)

HZN/TO E36, Izolatori

HRN EN 60137:2018 en pr
Provodni izolatori za izmjenične napone iznad 1 000 V (IEC 60137:2017; EN 60137:2017)
Insulated bushings for alternating voltages above 1 000 V (IEC 60137:2017; EN 60137:2017)

HZN/TO E55, Žice za namote

HRN EN 60317-0-7:2018 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 0-7: Opći zahtjevi – Potpuno izolirana (FIW) lakirana okrugla bakrena žica bez defekta (IEC 60317-0-7:2017; EN 60317-0-7:2017)
Specifications for particular types of winding wires – Part 0-7: General requirements – Fully insulated (FIW) zero-defect enamelled round copper wire (IEC 60317-0-7:2017; EN 60317-0-7:2017)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

HRN EN 61970-452:2018 en pr
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 452. dio: CIM profili za statički model prijenosne mreže (IEC 61970-452:2017; EN 61970-452:2017)
Energy management system application program interface (EMS-API) – Part 452: CIM static transmission network model profiles (IEC 61970-452:2017; EN 61970-452:2017)

HRN EN 62351-7:2018 en pr
Upravljanje energetske sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 7. dio: Modeli podatkovnih objekata upravljanja mrežom i sustavom (NSM) (IEC 62351-7:2017; EN 62351-7:2017)
Power systems management and associated information exchange – Data and communications security – Part 7: Network and system management (NSM) data object models (IEC 62351-7:2017; EN 62351-7:2017)

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

HRN HD 60364-6:2016/Ispr.1:2018 en pr
Niskonaponske električne instalacije – 6. dio: Provjeravanje (IEC 60364-6:2016/Corr.1:2017; HD 60364-6:2016/AC:2017)
Low-voltage electrical installations – Part 6: Verification (IEC 60364-6:2016/Corr.1:2017; HD 60364-6:2016/AC:2017)

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

HRN EN 61511-1:2017/A1:2018 en pr
Funkcionalna sigurnost – Sigurnosni instrumentacijski sustavi za sektor procesne industrije – 1. dio: Okvir, definicije, zahtjevi za sustav, hardver i programiranje aplikacija (IEC 61511-1:2016/am1:2017; EN 61511-1:2017/A1:2017)
Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, system, hardware and application programming requirements (IEC 61511-1:2016/am1:2017; EN 61511-1:2017/A1:2017)

HRN EN 61784-3-13:2018 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-13: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 13 (IEC 61784-3-13:2016; EN 61784-3-13:2017)
Industrial communication networks – Profiles – Part 3-13: Functional safety fieldbuses – Additional specifications for CPF 13 (IEC 61784-3-13:2016; EN 61784-3-13:2017)

HRN EN 61784-3-17:2018 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-2: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 17 (IEC 61784-3-17:2016; EN 61784-3-17:2017)
Industrial communication networks – Profiles – Part 3-17: Functional safety fieldbuses – Additional specifications for CPF 17 (IEC 61784-3-17:2016; EN 61784-3-17:2017)

HRN EN 61784-3-8:2018 en pr
Industrijske komunikacijske mreže – Profili – Dio 3-8: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF 8 (IEC 61784-3-8:2016; EN 61784-3-8:2017)
Industrial communication networks – Profiles – Part 3-8: Functional safety fieldbuses – Additional specifications for CPF 8 (IEC 61784-3-8:2016; EN 61784-3-8:2017)

HRN EN 62439-2:2018 en pr
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti – 2. dio: Protokol zalihosti sredstava (IEC 62439-2:2016; EN 62439-2:2017)
Industrial communication networks – High availability automation networks – Part 2: Media Redundancy Protocol (MRP) (IEC 62439-2:2016; EN 62439-2:2017)

HRN EN 62453-301:2010/A1:2018 en pr
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 301. dio: Integracija komunikacijskog profila – IEC 61784 CPF 1 (IEC 62453-301:2009/am1:2016; EN 62453-301:2009/A1:2017)
Field device tool (FDT) interface specification – Part 301: Communication profile integration – IEC 61784 CPF 1 (IEC 62453-301:2009/am1:2016; EN 62453-301:2009/A1:2017)

HRN EN 62453-302:2018 en pr
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 302. dio: Integracija komunikacijskog profila – IEC 61784 CPF 2 (IEC 62453-302:2016; EN 62453-302:2017)
Field device tool (FDT) interface specification – Part 302: Communication profile integration – IEC 61784 CPF 2 (IEC 62453-302:2016; EN 62453-302:2017)

HRN EN 62453-303-2:2010/A1:2018 en pr
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – Dio 303-2: Integracija komunikacijskog profila – IEC 61784 CP 3/4, CP 3/5 i CP 3/6 (IEC 62453-303-2:2009/am1:2016; EN 62453-303-2:2009/A1:2017)
Field device tool (FDT) interface specification – Part 303-2: Communication profile integration – IEC 61784 CP 3/4, CP 3/5 and CP 3/6 (IEC 62453-303-2:2009/am1:2016; EN 62453-303-2:2009/A1:2017)

HRN EN 62453-309:2018 en pr
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – Dio 309: Integracija komunikacijskog profila – IEC 61784 CPF 9 (IEC 62453-309:2016; EN 62453-309:2017)
Field device tool (FDT) interface specification – Part 309: Communication profile integration – IEC 61784 CPF 9 (IEC 62453-309:2016; EN 62453-309:2017)

HRN EN 62453-315:2010/A1:2018 en pr
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – Dio 315: Integracija komunikacijskog profila – IEC 61784 CPF 15 (IEC 62453-315:2009/am1:2016; EN 62453-315:2009/A1:2017)
Field device tool (FDT) interface specification – Part 315: Communication profile integration – IEC 61784 CPF 15 (IEC 62453-315:2009/am1:2016; EN 62453-315:2009/A1:2017)

HRN EN 62948:2018 en pr
Industrijske mreže – Bežične komunikacijske mreže i komunikacijski profili – WIA-FA (IEC 62948:2017; EN 62948:2017)
Industrial networks – Wireless communication network and communication profiles – WIA-FA (IEC 62948:2017; EN 62948:2017)

HZN/TO E79, Alarmni sustavi

HRN EN 50131-2-2:2018 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-2: Protuprovalni detektori – Pasivni infracrveni detektori (EN 50131-2-2:2017)
Alarm systems – Intrusion and hold-up systems – Part 2-2: Intrusion detectors – Passive infrared detectors (EN 50131-2-2:2017)

HZN/TO E81, Zaštita od munje

HRN EN 62561-4:2018 en pr
Komponente sustava zaštite od munje (LPSC) – 4. dio: Zahtjevi za držače vodiča (IEC 62561-4:2017; EN 62561-4:2017)
Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners (IEC 62561-4:2017; EN 62561-4:2017)

HRN EN 62561-5:2018 en pr
Komponente sustava zaštite od munje (LPSC) – 5. dio: Zahtjevi za uzemne zdence i brtvenice vodiča uzemljivača (IEC 62561-5:2017; EN 62561-5:2017)
Lightning protection system components (LPSC) – Part 5: Requirements for earth electrode inspection housings and earth electrode seals (IEC 62561-5:2017; EN 62561-5:2017)

HZN/TO E88, Vjetroagregati

HRN EN 61400-25-1:2018 en pr
Sustavi za proizvodnju energije iz vjetra – Dio 25-1: Komunikacije za nadzor i upravljanje vjetroelektranama – Opći opis načela i modela (IEC 61400-25-1:2017; EN 61400-25-1:2017)
Wind energy generation systems – Part 25-1: Communications for monitoring and control of wind power plants – Overall description of principles and models (IEC 61400-25-1:2017; EN 61400-25-1:2017)

HRN EN 61400-25-5:2018 en pr
Sustavi za proizvodnju energije iz vjetra – Dio 25-5: Komunikacije za nadzor i upravljanje vjetroelektranama – Ispitivanje usklađenosti (IEC 61400-25-5:2017; EN 61400-25-5:2017)
Wind energy generation systems – Part 25-5: Communications for monitoring and control of wind power plants – Conformance testing (IEC 61400-25-5:2017; EN 61400-25-5:2017)

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

HRN EN 50672:2018 en pr
Zahtjevi za ekodizajn računalnih i serverskih računala (EN 50672:2017)
Ecodesign requirements for computers and computer servers (EN 50672:2017)

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

HZN/TO E103, Odašiljačka oprema za radiokomunikacije

HRN EN 62802:2018 en pr
Metoda mjerenja napona polovine valne duljine i Chirp parametar za Mach-Zehnder optički modulator kod visokofrekvencijskih radijskih sustava po optičkom vlaknu (RoF) (IEC 62802:2017; EN 62802:2017)
Measurement methods of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulators in high-frequency radio on fibre (RoF) Systems (IEC 62802:2017; EN 62802:2017)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRN EN 62232:2018 en pr
Određivanje jakosti, gustoće snage i SAR-a RF polja u blizini radiokomunikacijskih baznih postaja za potrebe vrednovanja ljudske izloženosti (IEC 62232:2017; EN 62232:2017)
Determination of rf field strength; power density and sar in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure (IEC 62232:2017; EN 62232:2017)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55025:2017/Ispr.1:2018 en pr
Vozila, plovila i motori s unutarnjim izgaranjem – Značajke radio smetnja – Granične razine i metode mjerenja za zaštitu ugrađenih prijemnika (CISPR 25:2016/Corr.1:2017; EN 55025:2017/AC:2017)
Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers (CISPR 25:2016/Corr.1:2017; EN 55025:2017/AC:2017)

HRN EN 61000-4-5:2014/A1:2018 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-5: Ispitne i mjerne tehnike – Ispitivanje otpornosti na udarne prenapone (IEC 61000-4-5:2014/am1:2017; EN 61000-4-5:2014/A1:2017)
Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test (IEC 61000-4-5:2014/am1:2017; EN 61000-4-5:2014/A1:2017)

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN 61391-1:2008/A1:2018 en pr
Ultrazvuk – Odječni skeneri – 1. dio: Postupci za umjeravanje prostornih mjernih sustava i mjerenje odziva raspršne funkcije u točki prostora (IEC 61391-1:2006/am1:2017; EN 61391-1:2006/A1:2017)
Ultrasonics – Pulse-echo scanners – Part 1: Techniques for calibrating spatial measurement systems and measurement of system point-spread function response (IEC 61391-1:2006/am1:2017; EN 61391-1:2006/A1:2017)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 019-2-1 V2.3.1:2018 en pr
Ekoinženjering (EE) – Uvjeti i ispitivanja telekomunikacijske opreme s obzirom na okoliš – Dio 2-1: Specifikacija ispitivanja s obzirom na okoliš – Pohrana (EN 300 019-2-1 V2.3.1:2017)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-1: Specification of environmental tests – Storage (EN 300 019-2-1 V2.3.1:2017)

HRN EN 300 019-2-2 V2.4.1:2018 en pr
Ekoinženjering (EE) – Uvjeti i ispitivanja telekomunikacijske opreme s obzirom na okoliš – Dio 2-2: Specifikacija ispitivanja s obzirom na okoliš – Transport (EN 300 019-2-2 V2.4.1:2017)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-2: Specification of environmental tests – Transportation (EN 300 019-2-2 V2.4.1:2017)

HRN EN 300 175-1 V2.7.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 1. dio: Pregled (EN 300 175-1 V2.7.1:2017)
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 1: Overview (EN 300 175-1 V2.7.1:2017)

HRN EN 300 175-2 V2.7.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 2. dio: Fizički sloj (PHL) (EN 300 175-2 V2.7.1:2017)
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 2: Physical Layer (PHL) (EN 300 175-2 V2.7.1:2017)

HRN EN 300 175-3 V2.7.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 3. dio: Sloj kontrole pristupa mediju (MAC) (EN 300 175-3 V2.7.1:2017)
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 3: Medium Access Control (MAC) layer (EN 300 175-3 V2.7.1:2017)

HRN EN 300 175-4 V2.7.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 4. dio: Sloj kontrole podatkovne veze (DLC) (EN 300 175-4 V2.7.1:2017)
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 4: Data Link Control (DLC) layer (EN 300 175-4 V2.7.1:2017)

HRN EN 300 175-5 V2.7.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 5. dio: Mrežni (NWK) sloj (EN 300 175-5 V2.7.1:2017)
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 5: Network (NWK) layer (EN 300 175-5 V2.7.1:2017)

HRN EN 300 175-6 V2.7.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 6. dio: Identiteti i adresiranje (EN 300 175-6 V2.7.1:2017)
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 6: Identities and addressing (EN 300 175-6 V2.7.1:2017)

HRN EN 300 175-7 V2.7.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 7. dio: Sigurnosne značajke (EN 300 175-7 V2.7.1:2017)
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 7: Security features (EN 300 175-7 V2.7.1:2017)

HRN EN 300 175-8 V2.7.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 8. dio: Kodiranje i prijenos govora i zvuka (EN 300 175-8 V2.7.1:2017)
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 8: Speech and audio coding and transmission (EN 300 175-8 V2.7.1:2017)

HRN EN 300 392-3-3 V1.4.1:2018 en pr
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 3. dio: Uzajamno djelovanje na međusustavnom sučelju (ISI) – 3. poddio: Dodatna mrežna funkcija grupnoga poziva (ANF-ISIGC) (EN 300 392-3-3 V1.4.1:2017)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 3: Additional Network Feature Group Call (ANF-ISIGC) (EN 300 392-3-3 V1.4.1:2017)

HRN EN 300 797 V1.3.1:2018 en pr
Digitalna audio radiodifuzija (DAB) – Distribucijska sučelja – Šerivno transportno sučelje (STI) (EN 300 797 V1.3.1:2017)
Digital Audio Broadcasting (DAB) – Distribution interfaces – Service Transport Interface (STI) (EN 300 797 V1.3.1:2017)

HRN EN 301 843-1 V2.2.1:2018 en pr
Norma za elektromagnetsku kompatibilnost (EMC) za pomorsku radijsku opremu i službe – Harmonizirana norma za elektromagnetsku kompatibilnost – 1. dio: Opći tehnički zahtjevi (EN 301 843-1 V2.2.1:2017)
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard for electromagnetic compatibility – Part 1: Common technical requirements (EN 301 843-1 V2.2.1:2017)

HRN EN 301 843-2 V2.2.1:2018 en pr
Norma za elektromagnetsku kompatibilnost (EMC) za pomorsku radijsku opremu i službe – Harmonizirana norma za elektromagnetsku kompatibilnost – 2. dio: Specifični uvjeti za VHF radiotelefonске odašiljače i prijemnike (EN 301 843-2 V2.2.1:2017)
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard for electromagnetic compatibility – Part 2: Specific conditions for VHF radiotelephone transmitters and receivers (EN 301 843-2 V2.2.1:2017)

- HRN EN 301 843-4 V2.2.1:2018 en pr
Norma za elektromagnetsku kompatibilnost (EMC) za pomorsku radijsku opremu i službe – Harmonizirana norma za elektromagnetsku kompatibilnost – 4. dio: Specifični uvjeti za uskopojasne NAVTEX prijmnike s izravnim tiskanjem (NBBDP) (EN 301 843-4 V2.2.1:2017)
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard for electromagnetic compatibility – Part 4: Specific conditions for Narrow-Band Direct-Printing (NBBDP) NAVTEX receivers (EN 301 843-4 V2.2.1:2017)
- HRN EN 301 843-5 V2.2.1:2018 en pr
Norma za elektromagnetsku kompatibilnost (EMC) za pomorsku radijsku opremu i službe – Harmonizirana norma za elektromagnetsku kompatibilnost – 5. dio: Specifični uvjeti za MF/HF radiotelefonske odašiljače i prijmnike (EN 301 843-5 V2.2.1:2017)
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard for electromagnetic compatibility – Part 5: Specific conditions for MF/HF radiotelephone transmitters and receivers (EN 301 843-5 V2.2.1:2017)
- HRN EN 301 843-6 V2.2.1:2018 en pr
Norma za elektromagnetsku kompatibilnosti (EMC) za radijsku pomorsku opremu i službe – Harmonizirana norma za elektromagnetsku kompatibilnost – 6. dio: Specifični uvjeti za zemaljske postaje na plovilima koje rade u frekvencijskim pojasi iznad 3 GHz (EN 301 843-6 V2.2.1:2017)
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard for electromagnetic compatibility – Part 6: Specific conditions for Earth Stations on board Vessels operating in frequency bands above 3 GHz (EN 301 843-6 V2.2.1:2017)
- HRN EN 301 843-7 V1.1.1:2018 en pr
Norma za elektromagnetsku kompatibilnosti (EMC) za radijsku pomorsku opremu i službe – Harmonizirana norma za elektromagnetsku kompatibilnost – 7. dio: Specifični uvjeti za opremu pomorske širokopojasne radijske veze (EN 301 843-7 V1.1.1:2017)
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services – Harmonised Standard for electromagnetic compatibility – Part 7: Specific conditions for Maritime Broadband Radiolink equipment (EN 301 843-7 V1.1.1:2017)
- HRN EN 302 608 V2.1.1:2018 en pr
Uređaji kratkoga dometa (SRD) – Radijska oprema za Eurobalise sustave na željeznici – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 302 608 V2.1.1:2017)
Short Range Devices (SRD) – Radio equipment for Eurobalise railway systems – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 302 608 V2.1.1:2017)
- HRN EN 302 617 V2.2.1:2018 en pr
Na tlu bazirani UHF radijski odašiljači, prijmnici i primopredajnici s amplitudnom modulacijom za UHF zrakoplovnu pokretnu službu – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 302 617 V2.2.1:2017)
Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 302 617 V2.2.1:2017)
- HRN EN 303 980 V1.1.1:2018 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za nepokretne i pokretne zemaljske postaje koje komuniciraju s negeostacionarnim satelitskim sustavima (NEST) u frekvencijskim pojasi od 11 GHz do 14 GHz, koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 303 980 V1.1.1:2017)
Satellite Earth Stations and Systems (SES) – Harmonised Standard for fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz frequency bands covering essential requirements of article 3.2 of the Directive 2014/53/EU (EN 303 980 V1.1.1:2017)
- HRN EN 319 412-5 V2.2.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili certifikata – 5. dio: QC izjave (EN 319 412-5 V2.2.1:2017)
Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 5: QCStatements (EN 319 412-5 V2.2.1:2017)

HZN/TO Z1, Informacijska tehnologija

- HRN EN 419212-2:2018 en pr
Aplikacijsko sučelje sigurnosnih elemenata za elektroničku identifikaciju, autentifikaciju i usluge povjerenja – 2. dio: Usluge potpisa i pečata (EN 419212-2:2017)
Application Interface for Secure Elements for Electronic Identification, Authentication and Trusted Services – Part 2: Signature and Seal Services (EN 419212-2:2017)

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

- HRN EN ISO 2812-1:2018 en pr
Boje i lakovi – Određivanje otpornosti na kapljevine – 1. dio: Uranjanje u kapljevine izuzevši vodu (ISO 2812-1:2017; EN ISO 2812-1:2017)
Paints and varnishes – Determination of resistance to liquids – Part 1: Immersion in liquids other than water (ISO 2812-1:2017; EN ISO 2812-1:2017)
- HRN EN ISO 2812-4:2018 en pr
Boje i lakovi – Određivanje otpornosti na kapljevine – 4. dio: Točkaste metode (ISO 2812-4:2017; EN ISO 2812-4:2017)
Paints and varnishes – Determination of resistance to liquids – Part 4: Spotting methods (ISO 2812-4:2017; EN ISO 2812-4:2017)
- HRN EN ISO 11126-10:2018 en pr
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Specifikacije za nemetalne abrazive za čišćenje mlazom – 10. dio: Almandit granat (ISO 11126-10:2017; EN ISO 11126-10:2017)
Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 10: Almandite garnet (ISO 11126-10:2017; EN ISO 11126-10:2017)
- HRN EN ISO 12944-1:2018 en pr
Boje i lakovi – Zaštita čeličnih konstrukcija od korozije zaštitnim sustavom boja – 1. dio: Opći uvod (ISO 12944-1:2017; EN ISO 12944-1:2017)
Paints and varnishes – Corrosion protection of steel structures by protective coating systems – Part 1: General introduction (ISO 12944-1:2017; EN ISO 12944-1:2017)
- HRN EN ISO 12944-2:2018 en pr
Boje i lakovi – Zaštita čeličnih konstrukcija od korozije zaštitnim sustavom boja – 2. dio: Razredba okoliša (ISO 12944-2:2017; EN ISO 12944-2:2017)
Paints and varnishes – Corrosion protection of steel structures by protective coating systems – Part 2: Classification of environments (ISO 12944-2:2017; EN ISO 12944-2:2017)
- HRN EN ISO 12944-3:2018 en pr
Boje i lakovi – Zaštita čeličnih konstrukcija od korozije zaštitnim sustavom boja – 3. dio: Razmatranje oblikovanja (ISO 12944-3:2017; EN ISO 12944-3:2017)
Paints and varnishes – Corrosion protection of steel structures by protective coating systems – Part 3: Design considerations (ISO 12944-3:2017; EN ISO 12944-3:2017)
- HRN EN ISO 12944-4:2018 en pr
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 4. dio: Vrste površina i priprema površina (ISO 12944-4:2017; EN ISO 12944-4:2017)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 4: Types of surface and surface preparation (ISO 12944-4:2017; EN ISO 12944-4:2017)
- HRN EN ISO 12944-7:2018 en pr
Boje i lakovi – Zaštita čeličnih konstrukcija od korozije zaštitnim sustavom boja – 7. dio: Izvođenje i nadzor bojenja (ISO 12944-7:2017; EN ISO 12944-7:2017)
Paints and varnishes – Corrosion protection of steel structures by protective coating systems – Part 7: Execution and supervision of paint work (ISO 12944-7:2017; EN ISO 12944-7:2017)
- HRN EN ISO 12944-8:2018 en pr
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 8. dio: Razvoj specifikacija za nove radove i održavanje (ISO 12944-8:2017; EN ISO 12944-8:2017)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 8: Development of specifications for new work and maintenance (ISO 12944-8:2017; EN ISO 12944-8:2017)

HRN EN ISO 19399:2018 en pr
Boje i lakovi – Metoda klina za određivanje debljine suhog sloja (metoda ogrebotine i bušenja) (ISO 19399:2016; EN ISO 19399:2017)
Paints and varnishes – Wedge-cut method for determination of film thickness (scribe and drill method) (ISO 19399:2016; EN ISO 19399:2017)

HRN EN ISO 23900-1:2018 en pr
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 1. dio: Opći uvod (ISO 23900-1:2015; EN ISO 23900-1:2018)
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 1: General introduction (ISO 23900-1:2015; EN ISO 23900-1:2018)

HRN EN ISO 23900-2:2018 en pr
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 2. dio: Određivanje svojstva obojenja i lakoće dispergiranja u polivinilkloridu postupkom dvostrukog valjanja (ISO 23900-2:2015; EN ISO 23900-2:2018)
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 2: Determination of colouristic properties and ease of dispersion in plasticized polyvinyl chloride by two-roll milling (ISO 23900-2:2015; EN ISO 23900-2:2018)

HRN EN ISO 23900-3:2018 en pr
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 3. dio: Određivanje kolorističkih svojstava i lakoće dispergiranja crnih i obojenih pigmenta u polietilenu postupkom dvostrukog valjanja (ISO 23900-3:2015; EN ISO 23900-3:2018)
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 3: Determination of colouristic properties and ease of dispersion of black and colour pigments in polyethylene by two-roll milling (ISO 23900-3:2015; EN ISO 23900-3:2018)

HZN/TU I2, Strojarstvo 2

HRN EN ISO 505:2018 en pr
Transportne trake – Metoda određivanja otpornosti tekstilnih transportnih traka na daljnje trganje (ISO 505:2017; EN ISO 505:2017)
Conveyor belts – Method for the determination of the tear propagation resistance of textile conveyor belts (ISO 505:2017; EN ISO 505:2017)

HRN EN ISO 16001:2018 en pr
Strojevi za zemljane radove – Sustavi detekcije objekata i pomagala za vidljivost – Izvedbeni zahtjevi i ispitivanja (ISO 16001:2017; EN ISO 16001:2017)
Earth-moving machinery – Object detection systems and visibility aids – Performance requirements and tests (ISO 16001:2017; EN ISO 16001:2017)

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

HRN EN ISO 10555-1:2013/A1:2018 en pr
Intravaskularni kateteri – Sterilni i jednokratni kateteri – 1. dio: Opći zahtjevi (ISO 10555-1:2013/Amd 1:2017; EN ISO 10555-1:2013/A1:2017)
Intravascular catheters – Sterile and single-use catheters – Part 1: General requirements (ISO 10555-1:2013/Amd 1:2017; EN ISO 10555-1:2013/A1:2017)

HRN EN ISO 14457:2018 en pr
Stomatologija – Nastavci i motori (ISO 14457:2017; EN ISO 14457:2017)
Dentistry – Handpieces and motors (ISO 14457:2017; EN ISO 14457:2017)

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

HRN EN 2119:2018 en pr
Zrakoplovstvo – Legura otporna na toplinu FE-PA2601 (X6NiCrTiMoV26-15) – Obradena otopinom i precipitatom – Žica za zakovice – $2 \text{ mm} \leq D \leq 10 \text{ mm}$ – $R_m \geq 960 \text{ MPa}$ (EN 2119:2017)
Aerospace series – Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) – Solution treated and precipitation treated – Wires for rivets – $2 \text{ mm} \leq D \leq 10 \text{ mm}$ – $R_m \geq 960 \text{ MPa}$ (EN 2119:2017)

HRN EN 2135:2018 en pr
Zrakoplovstvo – Čelik FE-PL61 – Cementirani, poboljšani – Šipka – $De \leq 40 \text{ mm}$ (EN 2135:2017)
Aerospace series – Steel FE-PL61 – Carburized, hardened and tempered – Bar – $De \leq 40 \text{ mm}$ (EN 2135:2017)

HRN EN 2137:2018 en pr
Zrakoplovstvo – Čelik FE-PL75 – $1 \text{ 100 MPa} \leq R_m \leq 1 \text{ 250 MPa}$ – Šipke – $De \leq 100 \text{ mm}$ (EN 2137:2017)
Aerospace series – Steel FE-PL75 – $1 \text{ 100 MPa} \leq R_m \leq 1 \text{ 250 MPa}$ – Bars – $De \leq 100 \text{ mm}$ (EN 2137:2017)

HRN EN 2174:2018 en pr
Zrakoplovstvo – Legura otporna na toplinu FE-PA2602 (X4NiCrTiMoV26-15) – Obradena otopinom i precipitatom – Otkivci – $De \leq 100 \text{ mm}$ – $R_m \geq 850 \text{ MPa}$ (EN 2174:2017)
Aerospace series – Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) – Solution treated and precipitation treated – Forgings – $De \leq 100 \text{ mm}$ – $R_m \geq 850 \text{ MPa}$ (EN 2174:2017)

HRN EN 2221:2018 en pr
Zrakoplovstvo – Čelik FE-PL31 – Poboljšani – Šuplje šipke – $3, 5 \text{ mm} \leq a \leq 55 \text{ mm}$ (EN 2221:2017)
Aerospace series – Steel FE-PL31 – Hardened and tempered – Hollow bars – $3, 5 \text{ mm} \leq a \leq 55 \text{ mm}$ (EN 2221:2017)

HRN EN 2222:2018 en pr
Zrakoplovstvo – Čelik FE-PL31 – Poboljšani – Otkivci, kovani ručno i u kalupu (EN 2222:2017)
Aerospace series – Steel FE-PL31 – Hardened and tempered – Hand and die forgings (EN 2222:2017)

HRN EN 3475-604:2018 en pr
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 604. dio: Otpornost na iskrenje u suhoj sredini (EN 3475-604:2018)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 604: Resistance to dry arc propagation (EN 3475-604:2018)

HRN EN 3475-605:2018 en pr
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 605. dio: Ispitivanje kratkog spoja u vlazi (EN 3475-605:2018)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 605: Wet short circuit test (EN 3475-605:2018)

HRN EN 3475-707:2018 en pr
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 707. dio: Stabilizacija sklopa (EN 3475-707:2017)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 707: Stabilization of assembly (EN 3475-707:2017)

HRN EN 3904:2018 en pr
Zrakoplovstvo – Podloške, s osiguravajućom žicom izrađene od legura aluminija, anodizirane (EN 3904:2017)
Aerospace series – Washers, wire locking in aluminium alloy, anodized (EN 3904:2017)

HRN EN 4533-002:2018 en pr
Zrakoplovstvo – Sustavi optičkih vlakana – Priručnik – Dio 002: Ispitivanje i mjerenje (EN 4533-002:2017)
Aerospace series – Fibre optic systems – Handbook – Part 002: Test and measurement (EN 4533-002:2017)

HRN EN 4533-003:2018 en pr
Zrakoplovstvo – Sustavi optičkih vlakana – Priručnik – Dio 003: Postavljanje plašta i praksa instaliranja (EN 4533-003:2017)
Aerospace series – Fibre optic systems – Handbook – Part 003: Looming and installation practices (EN 4533-003:2017)

HRN EN 4533-004:2018 en pr
Zrakoplovstvo – Sustavi optičkih vlakana – Priručnik – Dio 004: Popravak, održavanje, čišćenje i pregled (EN 4533-004:2018)
Aerospace series – Fibre optic systems – Handbook – Part 004: Repair, maintenance, cleaning and inspection (EN 4533-004:2018)

HRN EN 4652-221:2018 en pr
Zrakoplovstvo – Koaksijalne radiofrekvencijske spojnice – 221. dio: Tip 2, TNC sučelje – Verzija za spajanje krimpanjem – Pravokutni utikač – Norma za proizvod (EN 4652-221:2017)
Aerospace series – Connectors, coaxial, radio frequency – Part 221: Type 2, TNC interface – Crimp version – Right angle plug – Product standard (EN 4652-221:2017)

HRN EN 4652-222:2018 en pr
Zrakoplovstvo – Koaksijalne radiofrekvencijske spojnice – 222. dio: Tip 2, TNC sučelje – Verzija za spajanje krimpanjem – Utičnica s kvadratnom prirubnicom – Norma za proizvod (EN 4652-222:2017)
Aerospace series – Connectors, coaxial, radio frequency – Part 222: Type 2, TNC interface – Crimp version – Square flange receptacle – Product standard (EN 4652-222:2017)

HRN EN 4652-320:2018 en pr
Zrakoplovstvo – Koaksijalne radiofrekvencijske spojnice – 320. dio: Tip 3, N sučelje – Verzija za spajanje krimpanjem – Ravni utikač – Norma za proizvod (EN 4652-320:2017)
Aerospace series – Connectors, coaxial, radio frequency – Part 320: Type 3, N interface – Crimp version – Straight plug – Product standard (EN 4652-320:2017)

HRN EN 4652-321:2018 en pr
Zrakoplovstvo – Koaksijalne radiofrekvencijske spojnice – 321. dio: Tip 3, N sučelje – Verzija za spajanje krimpanjem – Pravokutni utikač – Norma za proizvod (EN 4652-321:2017)
Aerospace series – Connectors, coaxial, radio frequency – Part 321: Type 3, N interface – Crimp assembly version – Right angle plug – Product standard (EN 4652-321:2017)

HRN EN 4652-322:2018 en pr
Zrakoplovstvo – Koaksijalne radiofrekvencijske spojnice – 322. dio: Tip 3, N sučelje – Verzija za spajanje krimpanjem – Utičnica s kvadratnom prirubnicom – Norma za proizvod (EN 4652-322:2017)
Aerospace series – Connectors, coaxial, radio frequency – Part 322: Type 3, N interface – Crimp version – Square flange receptacle – Product standard (EN 4652-322:2017)

HRN EN 4691-2:2018 en pr
Zrakoplovstvo – Spojna šipka s integriranim vijcima – 2. dio: Pregled paketa za konstrukciju (EN 4691-2:2018)
Aerospace series – Tie rod with integrated bolts – Part 2: Overview construction kit (EN 4691-2:2018)

HRN EN 4708-104:2018 en pr
Zrakoplovstvo – Navlake, koje se sužavaju prilikom izlaganja toplini, za omotavanje, izolaciju i označivanje – 104. dio: Polukrut poliviniliden fluorid (PDVF) – Radna temperatura -55 °C to 175 °C – Norma za proizvod (EN 4708-104:2017)
Aerospace series – Sleeving, heat-shrinkable, for binding, insulation and identification – Part 104: Semi-rigid polyvinylidene fluoride (PDVF) – Operating temperature -55 °C to 175 °C – Product Standard (EN 4708-104:2017)

HRN EN 6018:2018 en pr
Zrakoplovstvo – Metode ispitivanja za metalne materijale – Određivanje gustoće metodom istiskivanja (EN 6018:2017)
Aerospace series – Test methods for metallic materials – Determination of density according to displacement method (EN 6018:2017)

HRN EN 6059-303:2018 en pr
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitne navlake – Metode ispitivanja – 303. dio: Otpornost na fluide (EN 6059-303:2017)
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 303: Resistance to fluids (EN 6059-303:2017)

HRN EN 6064:2018 en pr
Zrakoplovstvo – Analiza nemetalnih materijala (polimeriziranih) radi određivanja stupnja polimerizacije diferencijalnom pretražnom kalorimetrijom (DSC) (EN 6064:2017)
Aerospace series – Analysis of non-metallic materials (cured) for the determination of the extent of cure by Differential Scanning Calorimetry (DSC) (EN 6064:2017)

HZN/TU U1, Opća elektrotehnika 1

HRN EN 50625-2-4:2018 en pr
Zahtjevi za prikupljanje, logistiku i obradu otpadne električne i električne opreme (WEEE) – Dio 2-4: Zahtjevi za obradu fotonaponskih ploča (EN 50625-2-4:2017)
Collection, logistics & treatment requirements for WEEE – Part 2-4: Treatment requirements for photovoltaic panels (EN 50625-2-4:2017)

HRN EN 60445:2018 en pr
Osnovna i sigurnosna načela za sučelje čovjek-stroj, označivanje i identifikacija – Identifikacija priključaka opreme, krajeva vodiča i vodiča (IEC 60445:2017+Corr.1:2017; EN 60445:2017)
Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2017+Corr.1:2017; EN 60445:2017)

HRN EN 61360-1:2018 en pr
Standardni tipni podatci s pripadajućom klasifikacijskom shemom za električne elemente – 1. dio: Definicije – Načela i metode (IEC 61360-1:2017; EN 61360-1:2017)
Standard data elements types with associated classification scheme for electric items – Part 1: Definitions – Principles and methods (IEC 61360-1:2017; EN 61360-1:2017)

HRN EN 62321-4:2014/A1:2018 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – 4. dio: Živa u polimerima, metalima i elektronicama po CV-AAS, CV-AFS-a, ICP-OES i ICP-MS (IEC 62321-4:2013/am1:2017; EN 62321-4:2014/A1:2017)
Determination of certain substances in electrotechnical products – Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS (IEC 62321-4:2013/am1:2017; EN 62321-4:2014/A1:2017)

HZN/TU V1, Elektronika 1

HRN EN 60153-4:2018 en pr
Hollow metallic waveguides – Part 4: Relevant specifications for circular waveguides (IEC 60153-4:2017; EN 60153-4:2017)

HRN EN 60286-1:2018 en pr
Packaging of components for automatic handling – Part 1: Tape packaging of components with axial leads on continuous tapes (IEC 60286-1:2017; EN 60286-1:2017)

HRN EN 60679-1:2018 en pr
Piezoelectric, dielectric and electrostatic oscillators of assessed quality – Part 1: Generic specification (IEC 60679-1:2017; EN 60679-1:2017)

HRN EN 60747-16-3:2008/A2:2018 en pr
Semiconductor devices – Part 16-3: Microwave integrated circuits – Frequency converters (IEC 60747-16-3:2002/am2:2017; EN 60747-16-3:2002/A2:2017)

HRN EN 60747-16-4:2008/A2:2018 en pr
Semiconductor devices – Part 16-4: Microwave integrated circuits – Switches (IEC 60747-16-4:2004/am2:2017; EN 60747-16-4:2004/A2:2017)

HRN EN 60793-1-33:2018 en pr
Optical fibres – Part 1-33: Measurement methods and test procedures – Stress corrosion susceptibility (IEC 60793-1-33:2017; EN 60793-1-33:2017)

HRN EN 60793-1-48:2018 en pr
Optical fibres – Part 1-48: Measurement methods and test procedures – Polarization mode dispersion (IEC 60793-1-48:2017; EN 60793-1-48:2017)

HRN EN 62788-1-5:2016/Ispr.1:2018 en pr
Measurement procedures for materials used in photovoltaic modules – Part 1-5: Encapsulants – Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions (IEC 62788-1-5:2016/Corr.1:2017; EN 62788-1-5:2016/AC:2017)

HRN EN 62817:2015/A1:2018 en pr
Photovoltaic systems – Design qualification of solar trackers (IEC 62817:2014/am1:2017; EN 62817:2015/A1:2017)

HRN EN 62884-2:2018 en pr
Measurement techniques of piezoelectric, dielectric and electrostatic oscillators – Part 2: Phase jitter measurement method (IEC 62884-2:2017; EN 62884-2:2017)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 50631-1:2018 en pr
Kućanski aparati spojeni na električnu i inteligentnu mrežu – 1. dio: Opći zahtjevi, generičko modeliranje podataka i neutralne poruke (EN 50631-1:2017)
Household appliances network and grid connectivity – Part 1: General Requirements, Generic Data Modelling and Neutral Messages (EN 50631-1:2017)

HRN EN 62841-2-17:2018 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 2-17: Posebni zahtjevi za ručne usmjerivače (IEC 62841-2-17:2017; EN 62841-2-17:2017)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-17: Particular requirements for hand-held routers (IEC 62841-2-17:2017; EN 62841-2-17:2017)

- HRN EN 62841-3-10:2015/A11:2018 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-10: Posebni zahtjevi za prijenosne rezne alate (EN 62841-3-10:2015/A11:2017)
Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines (EN 62841-3-10:2015/A11:2017)
- HRN EN 62841-3-1:2014/A11:2018 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-1: Posebni zahtjevi za prijenosne stolne pile (EN 62841-3-1:2014/A11:2017)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws (EN 62841-3-1:2014/A11:2017)
- HRN EN 62841-3-14:2018 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-14: Posebni zahtjevi za prijenosne čistače odvoda (IEC 62841-3-14:2017, MOD; EN 62841-3-14:2017)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-14: Particular requirements for transportable drain cleaners (IEC 62841-3-14:2017, MOD; EN 62841-3-14:2017)
- HRN EN 62841-3-4:2016/A11:2018 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-4: Posebni zahtjevi za prijenosne stolne brusilice (EN 62841-3-4:2016/A11:2017)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders (EN 62841-3-4:2016/A11:2017)
- HRN EN 62841-3-6:2014/A11:2018 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-6: Posebni zahtjevi za dijamentne bušilice sa sustavom tekućine (EN 62841-3-6:2014/A11:2017)
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-6: Particular requirements for transportable diamond drills with liquid system (EN 62841-3-6:2014/A11:2017)
- HRN EN 62841-3-9:2016/A11:2018 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-9: Posebni zahtjevi za prijenosne kutne pile (EN 62841-3-9:2016/A11:2017)
Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery – Safety – Part 3-9: Particular requirements for transportable mitre saws (EN 62841-3-9:2016/A11:2017)

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 12625-1 en
Tissue paper and tissue products – Part 1: Vocabulary (ISO/DIS 12625-1:2017)

HZN/TO 8, *Brodogradnja*

- prEN ISO 6185-1 en
Inflatable boats – Part 1: Boats with a maximum motor power rating of 4,5 kW (ISO 6185-1:2001)
Brodice na napuhavanje – 1. dio: Brodice sa najvećom snagom motora do 4,5 kW (ISO 6185-1:2001)

- prEN ISO 6185-2 en
Inflatable boats – Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive (ISO 6185-2:2001)
Brodice na napuhavanje – 2. dio: Brodice sa najvećom snagom motora do 4,5 kW do 15 kW uključivo (ISO 6185-2:2001)
- prEN ISO 6185-3 en
Inflatable boats – Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014)
Brodice na napuhavanje – 3. dio: Brodice duljine trupa manje od 8 m najveće snage motora 15 kW i više (ISO 6185-3:2014)
- prEN ISO 6185-4 en
Inflatable boats – Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater (ISO 6185-4:2011, ispravljena verzija 2014-08-01)
Brodice na napuhavanje – 4. dio: Brodice duljine trupa između 8 m i 24 m sa snagom motora od 15 kW i više (ISO 6185-4:2011, Corrected version 2014-08-01)
- prEN ISO 7840 en
Small craft – Fire-resistant fuel hoses (ISO 7840:2013)
Mala plovila – Vatrootporne savitljive cijevi za gorivo (ISO 7840:2013)
- prEN ISO 8469 en
Small craft – Non-fire-resistant fuel hoses (ISO 8469:2013)
Mala plovila – Savitljive cijevi za gorivo neotporne na vatru (ISO 8469:2013)
- prEN ISO 8666 en
Small craft – Principal data (ISO 8666:2016)
Mala plovila – Osnovni podaci (ISO 8666:2016)
- prEN ISO 8849 en
Small craft – Electrically operated direct-current bilge pumps (ISO 8849:2003)
Mala plovila – Elektromotorne kaljužne crpke na istosmjernu struju (ISO 8849:2003)
- prEN ISO 9093-1 en
Small craft – Seacocks and through-hull fittings – Part 1: Metallic (ISO 9093-1:1994)
Mala plovila – Oplatni ventili i prolazi – 1. dio: Metalni (ISO 9093-1:1994)
- prEN ISO 9093-2 en
Small craft – Seacocks and through-hull fittings – Part 2: Non-metallic (ISO 9093-2:2002)
Mala plovila – Oplatni ventili i prolazi – 2. dio: Nemetalni (ISO 9093-2:2002)
- prEN ISO 11192 en
Small craft – Graphical symbols (ISO 11192:2005)
Mala plovila – Grafički simboli (ISO 11192:2005)
- prEN ISO 11547 en
Small craft – Start-in-gear protection (ISO 11547:1994)
Mala plovila – Zaštita od upućivanja stroja u radnom položaju (ISO 11547:1994)
- prEN ISO 11812 en
Small craft – Watertight cockpits and quick-draining cockpits (ISO 11812:2001)
Mala plovila – Vodonepropusni kokpiti i brzoprazneći kokpiti (ISO 11812:2001)
- prEN ISO 12215-2 en
Small craft – Hull construction and scantlings – Part 2: Materials: Core materials for sandwich construction, embedded materials (ISO 12215-2:2002)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 2. dio: Materijali: Materijali jezgre za sendvič konstrukciju, ugrađeni materijali (ISO 12215-2:2002)
- prEN ISO 12215-3 en
Small craft – Hull construction and scantlings – Part 3: Materials: Steel, aluminium alloys, wood, other materials (ISO 12215-3:2002)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 3. dio: Materijali: Čelik, aluminijske legure, drvo, drugi materijali (ISO 12215-3:2002)
- prEN ISO 12215-4 en
Small craft – Hull construction and scantlings – Part 4: Workshop and manufacturing (ISO 12215-4:2002)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 4. dio: Proizvodni prostor i proizvodnja (ISO 12215-4:2002)

- prEN ISO 12215-5 en
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination (ISO 12215-5:2008)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 5. dio: Projektni tlakovi za jednotrupna plovila, projektna naprezanja, određivanje dimenzija konstrukcijskih elemenata (ISO 12215-5:2008)
- prEN ISO 12215-6 en
Small craft – Hull construction and scantlings – Part 6: Structural arrangements and details (ISO 12215-6:2008)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 6. dio: Raspored i detalji konstrukcije (ISO 12215-6:2008)
- prEN ISO 12215-8 en
Small craft – Hull construction and scantlings – Part 8: Rudders (ISO 12215-8:2009)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 8. dio: Kormila (ISO 12215-8:2009)
- prEN ISO 12215-9 en
Small craft – Hull construction and scantlings – Part 9: Sailing craft appendages (ISO 12215-9:2012)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 9. dio: Privjesci na trupu plovila na jedra (ISO 12215-9:2012)
- prEN ISO 12216 en
Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements (ISO 12216:2002)
Mala plovila – Prozori, okna, grotlašca, vidnici i vrata – Zahtjevi za čvrstoću i vodonepropusnost (ISO 12216:2002)
- prEN ISO 13297 en
Small craft – Electrical systems – Alternating current installations (ISO 13297:2014)
Mala plovila – Električni sustavi – Instalacije za izmjeničnu struju (ISO 13297:2014)
- prEN ISO 13590 en
Small craft – Personal watercraft – Construction and system installation requirements (ISO 13590:2003)
Mala plovila – Osobna plovila – Zahtjevi za gradnju i ugradnju sustava (ISO 13590:2003)
- prEN ISO 14509-1 en
Small craft – Airborne sound emitted by powered recreational craft – Part 1: Pass-by measurement procedures (ISO 14509-1:2008)
Mala plovila – Mjerenje zrakom prenesene buke koju stvaraju mehanički pogonjena plovila za razonodu – 1. dio: Mjerni postupak prolazanjem (ISO 14509-1:2008)
- prEN ISO 14509-3 en
Small craft – Airborne sound emitted by powered recreational craft – Part 3: Sound assessment using calculation and measurement procedures (ISO 14509-3:2009)
Mala plovila – Mjerenje zrakom prenesene buke koju stvaraju mehanički pogonjena plovila za razonodu – 3. dio: Ocjena buke pomoću postupka mjerenja i proračuna (ISO 14509-3:2009)
- prEN ISO 15083 en
Small craft – Bilge-pumping systems (ISO 15083:2003)
Mala plovila – Sustavi za pražnjenje kaljuže (ISO 15083:2003)
- prEN ISO 15084 en
Small craft – Anchoring; mooring and towing – Strong points (ISO 15084:2003)
Mala plovila – Sidrenje, vez i tegljenje – Čvrste točke (ISO 15084:2003)
- prEN ISO 16180 en
Small craft – Navigation lights – Installation, placement and visibility (ISO 16180:2013)
Mala plovila – Navigacijska svjetla – Ugradnja, smještaj i vidljivost (ISO 16180:2013)
- prEN ISO 21487 en
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012)
Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo (ISO 21487:2012)

- prEN ISO 25197 en
Small craft – Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012)
Mala plovila – Električni upravljački sustavi za kormilarenje, ukapčanje spojke i regulator brzine vrtnje (ISO 25197:2012)

HZN/TO 21, Protupožarna i vatrogasna oprema

- DIN VDE 0833-2:2017 de
Gefahrenmeldeanlagen für Brand, Einbruch und Überfall – Teil 2: Festlegungen für Brandmeldeanlagen
Sustavi za uzbunjivanje zbog požara, provale i prepada – 2. dio: Zahtjevi za sustave za požarno uzbunjivanje

- prEN 16856 en
Portable aerosol dispensers for fire extinguishing purposes
Prijenosni dozatori aerosola za gašenje požara

HZN/TO 22, Cestovna vozila

- prEN ISO 15118-1 en
Road vehicles – Vehicle to grid communication interface – Part 1: General information and use-case definition (ISO/DIS 15118-1:2017)
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 1. dio: Opće informacije i definicija slučaja uporabe (ISO/DIS 15118-1:2017)

- FprEN ISO 18243 en
Electrically propelled mopeds and motorcycles – Test specifications and safety requirements for lithium-ion battery systems (ISO 18243:2017)
Mopedi i motocikli na električni pogon – Specifikacije ispitivanja i sigurnosni zahtjevi za sustave litij-ionskih baterija (ISO 18243:2017)

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

- prEN ISO 7971-2 en
Cereals – Determination of bulk density, called mass per hectolitre – Part 2: Method of traceability for measuring instruments through reference to the international standard instrument (ISO/DIS 7971-2:2017)
Žitarice – Određivanje nasipne gustoće nazvane "hektolitarska masa" – 2. dio: Metoda sljedivosti za mjerne instrumente preko referentnog do međunarodnog standardnog instrumenta (ISO/DIS 7971-2:2017)

- prEN ISO 7971-3 en
Cereals – Determination of bulk density; called mass per hectolitre – Part 3: Routine method (ISO/DIS 7971-3:2017)
Žitarice – Određivanje nasipne gustoće, nazvane "hektolitarska masa" – 3. dio: Rutinska metoda (ISO/DIS 7971-3:2017)

HZN/TO 44, Zavarivanje i srodni postupci

- FprEN ISO 21904-3 en
Health and safety in welding and allied processes – Requirements, testing and marking of equipment for air filtration – Part 3: Determination of the capture efficiency of on-torch welding fume extraction devices (ISO/FDIS 21904-3:2017)
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Zahtjevi, ispitivanje i označivanje opreme za filtriranje zraka – 3. dio: Određivanje učinkovitosti uređaja pričvršćenih na plamenik za odsisavanje dima pri zavarivanju (ISO/FDIS 21904-3:2017)

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

- ISO 2108:2017 en
Information and documentation – International Standard Book Number (ISBN)
Informacije i dokumentacija – Međunarodni standardni knjižni broj (ISBN)

- ISO 3297:2017 en
Information and documentation – International standard serial number (ISSN)
Informacije i dokumentacija – Međunarodni standardni broj serijske publikacije (ISSN)

- ISO 5127:2017 en
Information and documentation – Foundation and vocabulary
Informacije i dokumentacija – Osnove i terminološki rječnik

HZN/TO 108, Mehaničke vibracije i udari

- ISO/DIS 14839-1 en
Mechanical vibration – Vibration of rotating machinery equipped with active magnetic bearings – Part 1: Vocabulary
Mehaničke vibracije – Vibracije rotacijskih strojeva s aktivnim magnetskim ležajevima – 1. dio: Terminološki rječnik
- ISO/DIS 20816-4 en
Mechanical vibration – Measurement and evaluation of machine vibration – Part 4: Gas turbines in excess of 3 MW, with fluid-film bearings
Mehaničke vibracije – Mjerenje i procjena vibracija strojeva – 4. dio: Plinske turbine snage preko 3 MW, s kliznim ležajevima
- ISO/FDIS 20816-5 en
Mechanical vibration – Measurement and evaluation of machine vibration – Part 5: Machine sets in hydraulic power generating and pump-storage plants
Mehaničke vibracije – Mjerenje i procjena vibracija strojeva – 5. dio: Strojni sklopovi u hidrauličkim postrojenjima za proizvodnju energije i crpnim postrojenjima

HZN/TO 130, Grafička tehnologija

- ISO 12636:2018 en
Graphic technology – Blankets for offset printing
Grafička tehnologija – Gumirane navlake u ofsetnom tisku

HZN/TO 135, Nerazorna ispitivanja

- prEN 12679 en
Non destructive testing – Determination of the size of industrial radiographic sources – Radiographic method
Nerazorno ispitivanje – Određivanje veličine izvora zračenja u industrijskoj radiografiji – Radiografska metoda

HZN/TO 136, Namještaj

- FprCEN/TR 17202 en
Furniture – General safety guidelines – Entrapment of fingers
Namještaj – Opće sigurnosne smjernice – Opasna mjesta za prste
- prEN 17214 en
Visual assessment of furniture surfaces

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

- prEN ISO 11296-7 en
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 7: Lining with spirally-wound pipes (ISO/DIS 11296-7:2018)
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 7. dio: Oblaganje spiralno namotanim cijevima (ISO/DIS 11296-7:2018)
- prEN ISO 11299-1 en
Plastics piping systems for renovation of underground gas supply networks – Part 1: General (ISO/DIS 11299-1:2018)
Plastični cijevni sustavi za obnavljanje podzemnih plinskih mreža – 1. dio: Općenito (ISO/DIS 11299-1:2018)
- prEN ISO 11299-2 en
Plastics piping systems for renovation of underground gas supply networks – Part 2: Lining with continuous pipes (ISO/DIS 11299-2:2018)
- prEN ISO 11299-3 en
Plastics piping systems for renovation of underground gas supply networks – Part 3: Lining with close-fit pipes (ISO/DIS 11299-3:2018)
Plastični cijevni sustavi za obnavljanje podzemnih plinskih mreža – 3. dio: Oblaganje s prijanjućim cijevima (ISO/DIS 11299-3:2018)

HZN/TO 145, Grafički simboli

- ISO 7000:2014 en
Graphical symbols for use on equipment – Registered symbols
Grafički simboli za uporabu na opremi – Registrirani simboli

- ISO 16069:2017 en
Graphical symbols – Safety signs – Safety way guidance systems (SWGS)
Grafički simboli – Znakovi sigurnosti – Sustav označavanja putova za evakuaciju (SWGS)
- ISO 23601:2009 en
Safety identification – Escape and evacuation plan signs
Sigurnosno označavanje – Oznake planova evakuacije i spašavanja
- ISO 28564-1:2010 en
Public information guidance systems – Part 1: Design principles and element requirements for location plans, maps and diagrams
Sustavi usmjeravanja u javnim prostorima – 1. dio: Načela oblikovanja i zahtjevi za planove lokacija, mape i dijagrame
- ISO 28564-2:2016 en
Public information guidance systems – Part 2: Guidelines for the design and use of location signs and direction signs
Sustavi usmjeravanja u javnim prostorima – 2. dio: Smjernice za projektiranje i primjenu oznaka lokacije i oznaka smjera kretanja

HZN/TO 146, Kvaliteta zraka

- prEN 17199-1 en
Workplace exposure – Measurement of dustiness of bulk materials that contain or release nano-objects or submicrometer particles – Part 1: Requirements and choice of test methods
Profesionalna izloženost – Mjerenje prašenja rastresitoga materijala koji sadrži ili otpušta nanoobjekte ili submikronske čestice – 1. dio: Zahtjevi i odabir metoda ispitivanja
- prEN 17199-2 en
Workplace exposure – Measurement of dustiness of bulk materials that contain or release nano-objects or submicrometer particles – Part 2: Rotating drum method
Profesionalna izloženost – Mjerenje prašenja rastresitoga materijala koji sadrži ili otpušta nanoobjekte ili submikronske čestice – 2. dio: Metoda rotirajućim bubnjem
- prEN 17199-3 en
Workplace exposure – Measurement of dustiness of bulk materials that contain or release nano-objects or submicrometer particles – Part 3: Continuous drop method
Profesionalna izloženost – Mjerenje prašenja rastresitoga materijala koji sadrži ili otpušta nanoobjekte ili submikronske čestice – 3. dio: Metoda kontinuiranim padom
- prEN 17199-4 en
Workplace exposure – Measurement of dustiness of bulk materials that contain or release nano-objects or submicrometer particles – Part 4: Small rotating drum method
Profesionalna izloženost – Mjerenje prašenja rastresitoga materijala koji sadrži ili otpušta nanoobjekte ili submikronske čestice – 4. dio: Metoda malim rotirajućim bubnjem
- prEN 17199-5 en
Workplace exposure – Measurement of dustiness of bulk materials that contain or release nano-objects or submicrometer particles – Part 5: Vortex shaker method
Profesionalna izloženost – Mjerenje prašenja rastresitoga materijala koji sadrži ili otpušta nanoobjekte ili submikronske čestice – 5. dio: Metoda Vortex miješalicom

HZN/TO 147, Kvaliteta vode

- prEN ISO 7027-2 en
Water quality – Determination of turbidity – Part 2: Semi-quantitative methods for the assessment of transparency of waters (ISO/DIS 7027-2:2017)
Kvaliteta vode – Određivanje mutnoće – 2. dio: Polukvantitativne metode za procjenu prozirnosti voda (ISO/DIS 7027-2:2017)

HZN/TO 147/PO 6, Kvaliteta vode; Uzorkovanje (opće metode)

- prEN ISO 5667-3 en
Water quality – Sampling – Part 3: Preservation and handling of water samples (ISO/FDIS 5667-3:2018)
Kvaliteta vode – Uzorkovanje – 3. dio: Čuvanje i rukovanje uzorcima vode (ISO/FDIS 5667-3:2018)

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

prEN 17218 en

Water quality – Guidance on sampling of mesozooplankton from marine and brackish water using mesh
Kvaliteta vode – Smjernice za uzorkovanje mezozooplanktona iz morskih i boćatih voda upotrebom mreža

HZN/TO 159, Ergonomija

prEN ISO 10551 en

Ergonomics of the physical environment – Subjective judgement scales for assessing physical environments (ISO/DIS 10551:2017)
Ergonomija fizičkog okruženja – Ljestvice za subjektivno vrednovanje fizičke okoline (ISO/DIS 10551: 2017)

HZN/TO 190, Kvaliteta tla

prEN ISO 25177 en

Soil quality – Field soil description (ISO/DIS 25177:2018)
Kvaliteta tla – Terenski opis tla (ISO/DIS 25177:2018)

HZN/TO 211, Geoinformacije/Geomatika

prEN ISO 19112 en

Geographic information – Spatial referencing by geographic identifiers (ISO/DIS 19112:2018)
Geoinformacije – Prostorno određivanje geografskim identifikatorima (ISO/DIS 19112:2018)

HZN/TO 218, Drvo

prEN 844 en

Round and sawn timber – Terminology
Oblo i piljeno drvo – Nazivlje

FprCEN/TS 15119-1 en

Durability of wood and wood-based products – Determination of emissions from preservative treated wood to the environment – Part 1: Wood held in the storage yard after treatment and wooden commodities exposed in Use Class 3 (not covered; not in contact with the ground) – Laboratory method
Trajnost drva i proizvoda na osnovi drva – Određivanje emisije iz drva tretiranog sredstvima za zaštitu u okolinu – 1. dio: Drvo koje se drži na stovarištu nakon tretiranja i drvena roba izložena u razredu uporabe 3 (nepokriveno, nije u kontaktu s tlom) – Laboratorijska metoda

HZN/TO 502, Plinski uređaji

prEN 17175 en

Gas-fired overhead radiant strip heaters and multi-burner continuous radiant tube heater systems for non-domestic use – Safety and energy efficiency
Plinske ovisne nekućanske trakaste grijalice i tamno-zračeći cijevni sustavi grijanja s više plamenika s ventilatorima – Sigurnost i energetska učinkovitost

HZN/TO 503, Metalni materijali

EN 485-2:2016/prA1 en

Aluminium and aluminium alloys – Sheet, strip and plate – Part 2: Mechanical properties
Aluminij i aluminijeve legure – Limovi, trake i ploče – 2. dio: Mehanička svojstva

prEN ISO 4945 en

Steel – Determination of nitrogen – Spectrophotometric method (ISO/DIS 4945:2017)
Čelik – Određivanje sadržaja dušika – Spektrofotometrijska metoda (ISO/DIS 4945:2017)

prEN ISO 6892-2 en

Metallic materials – Tensile testing – Part 2: Method of test at elevated temperature (ISO/FDIS 6892-2:2017)
Metalni materijali – Vlačno ispitivanje – 2. dio: Metoda ispitivanja pri povišenoj temperaturi (ISO/FDIS 6892-2:2017)

prEN ISO 8994 en

Anodizing of aluminium and its alloys – Rating system for the evaluation of pitting corrosion – Grid method (ISO/DIS 8994:2017)
Anodna obrada aluminija i aluminijevih legura – Sustav ocjenjivanja za vrednovanje rupičaste korozije – Metoda isctrtavanjem mreže (ISO/DIS 8994:2017)

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 11177 en

Vitreous and porcelain enamels – Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply – Quality requirements and testing (ISO/DIS 11177:2018)
Staklasti i porculanski emajli – Unutrašnji i vanjski emajlirani ventili i oprema za cijevi pod tlakom za opskrbu netretirane i pitke vode – Zahtjevi za kvalitetu i ispitivanje (ISO/DIS 11177:2018)

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

prEN ISO 10426-3 en

Petroleum and natural gas industries – Cements and materials for well cementing – Part 3: Testing of deepwater well cement formulations (ISO/DIS 10426-3:2018)
Industrija nafte i prirodnog plina – Cementi i materijali za cementaciju bušotine – 3. dio: Ispitivanje mješavina bušotinskih cementa za primjenu u dubokom podmorju (ISO/DIS 10426-3:2018)

prEN ISO 19345-2 en

Petroleum and natural gas industry – Pipeline transportation systems – Pipeline integrity management specification – Part 2: Full-life cycle integrity management for offshore pipeline (ISO/DIS 19345-2:2017)
Industrija nafte i prirodnog plina – Cjevovodni transportni sustavi – Specifikacija upravljanja cjelovitošću cjevovoda – 2. dio: Upravljanje cjelovitošću odobalnih cjevovoda tijekom čitavog životnog ciklusa (ISO/DIS 19345-2:2017)

prEN ISO 19900 en

Petroleum and natural gas industries – General requirements for offshore structures (ISO/DIS 19900:2018)
Industrija nafte i prirodnog plina – Opći zahtjevi za odobalne objekte (ISO/DIS 19900:2018)

HZN/TO 508, Ambalaža i pakiranje

ISO 15394:2017 en

Packaging – Bar code and two-dimensional symbols for shipping, transport and receiving labels
Ambalaža – Bar kod i dvodimenzijski simboli etiketa za otpremu, prijevoz i primitak

HZN/TO 513, Mjerne jedinice i mjerila

ISO/TR 15377:2018 en

Measurement of fluid flow by means of pressure-differential devices – Guidelines for the specification of orifice plates, nozzles and Venturi tubes beyond the scope of ISO 5167
Mjerenje protoka fluida uređajima za mjerenje razlike tlaka – Smjernice za specifikaciju mjernih prigušnica, sapnica i Venturijevih cijevi izvan područja primjene norme ISO 5167

ISO 18481:2017 en

Hydrometry – Liquid flow measurement using end depth method in channels with a free overfall
Hidrometrija – Mjerenje protoka tekućina metodom izlazne (krajnje) dubine u kanalima sa slobodnim prelijevanjem

HZN/TO 518, Podovi, stropovi i zidne obloge

EN 14195:2014/prA1 en

Metal framing components for gypsum board systems – Definitions, requirements and test methods
Metalni profili potkonstrukcija za sustave s gipsanim pločama – Definicije, zahtjevi i metode ispitivanja

HZN/TO 521, Usluge održavanja

prEN ISO 41011 en

Facility management – Vocabulary (ISO 41011:2017)

prEN ISO 41012 en

Facility management – Guidance on strategic sourcing and the development of agreements (ISO 41012:2017)

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

ISO 4309:2017 en

Cranes – Wire ropes – Care and maintenance, inspection and discard
Granici – Čelična užad – Zaštita i održavanje, pregled i odbacivanje

HZN/TO 531, *Plastika i guma*

prEN ISO 307 en
Plastics – Polyamides – Determination of viscosity number (ISO/DIS 307:2017)
Plastika – Poliamidi – Određivanje reducirane viskoznosti (ISO/DIS 307:2017)

prEN 1762 en
Rubber hoses and hose assemblies for liquefied petroleum gas, LPG (liquid or gaseous phase), and natural gas up to 25 bar (2,5 MPa) – Specification
Gumena crijeva i crijevni uređaji za ukapljeni naftni plin, LPG (kapljevita ili plinska faza), i prirodni plin do 25 bara (2,5 MPa) – Specifikacija

FprCEN/TR 17219 en
Plastics – Biodegradable thermoplastic mulch films for use in agriculture and horticulture – Guide for the quantification of alteration of films
Plastika – Biorazgradljivi plastomerni filmovi za malčiranje za uporabu u poljoprivredi i vrtlarstvu – Uputa za izračun izmjene filmova

HZN/TO 533, *Kolničke konstrukcije*

prEN 12697-31 en
Bituminous mixtures – Test methods – Part 31: Specimen preparation by gyratory compactor
Bitumenske mješavine – Metode ispitivanja – 31. dio: Priprema uzorka kružnim zbijanjem

prEN 12697-32 en
Bituminous mixtures – Test methods – Part 32: Laboratory compaction of bituminous mixtures by vibratory compactor
Bitumenske mješavine – Ispitne metode – 32. dio: Laboratorijsko zbijanje asfaltnih mješavina vibracijskim zbijanjem

HZN/TO 534, *Spremnici za teret*

prEN 14015 en
Specification for the design and manufacture of site built, vertical, cylindrical, flat-bottomed, above ground, welded, steel tanks for the storage of liquids at ambient temperature and above
Specifikacija za projektiranje i izradu vertikalnih, valjkastih, s ravnim dnom, nadzemnih, zavarenih, metalnih spremnika za skladištenje tekućina na temperaturi okoline ili višoj, koji se izvode na gradilištu

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

prEN 13126-15 en
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 15: Rollers for horizontal sliding and hardware for sliding folding windows
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 15. dio: Kotačići za horizontalno-klizne i okovi za klizno-sklopive prozore

prEN 13126-16 en
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 16: Hardware for Lift and Slide windows
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 16. dio: Okovi za podizno-klizne prozore

prEN 13126-17 en
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 17: Hardware for Tilt and Slide windows
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 17. dio: Okovi za otklopno-klizne prozore

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

prEN 16480 en
Pumps – Rotodynamic Pumps – Minimum required efficiency of water pumps and methods of qualification and verification
Pumpe – Rotacijske pumpe – Minimalna potrebna učinkovitost rotacijskih pumpa za vodu i metode kvalifikacije i verifikacije

prEN 17038-3 en
Pumps – Rotodynamic Pumps – Energy efficiency Index – Methods of qualification and verification – Part 3: Testing and calculation of energy efficiency index (EEI) of booster sets
Pumpe – Rotacijske pumpe – Indeks energijske učinkovitosti – Metode kvalifikacije i verifikacije – 3. dio: Ispitivanja i proračun indeksa energijske učinkovitosti (EEI) sustava za podizanje tlaka

prEN ISO 20361 en
Liquid pumps and pump units – Noise test code – Grades 2 and 3 of accuracy (ISO/DIS 20361:2018)
Pumpe i pumpne jedinice za kapljevine – Ispitno pravilo za buku – 2. i 3. razred točnosti (ISO/DIS 20361:2018)

prEN ISO 29463-2 en
High-efficiency filters and filter media for removing particles in air – Part 2: Aerosol production, measuring equipment and particle-counting statistics (ISO 29463-2:2011)
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 2. dio: Proizvodnja aerosola, oprema za mjerenje, statistika brojanja čestica (ISO 29463-2:2011)

prEN ISO 29463-3 en
High-efficiency filters and filter media for removing particles in air – Part 3: Testing flat sheet filter media (ISO 29463-3:2011)
Visokoučinkoviti filtri i filterski mediji za odstranjivanje čestica iz zraka – 3. dio: Ispitivanje pločastih filterskih medija (ISO 29463-3:2011)

prEN ISO 29463-4 en
High-efficiency filters and filter media for removing particles in air – Part 4: Test method for determining leakage of filter elements-Scan method (ISO 29463-4:2011)
Visokoučinkoviti filtri i filterski mediji za odstranjivanje čestica iz zraka – 4. dio: Metode ispitivanja za određivanje propuštanja filterskih elemenata metodom skeniranja (ISO 29463-4:2011)

prEN ISO 29463-5 en
High-efficiency filters and filter media for removing particles in air – Part 5: Test method for filter elements (ISO 29463-5:2011)
Visokoučinkoviti filtri i filterski mediji za odstranjivanje čestica iz zraka – 5. dio: Metoda ispitivanja filterskih elemenata (ISO 29463-5:2011)

HZN/TO 544, *Strojni elementi*

prEN ISO 3506-1 en
Mechanical properties of corrosion-resistant stainless steel fasteners – Part 1: Bolts, screws and studs with specified property classes – Coarse pitch thread and fine pitch thread (ISO/DIS 3506-1:2018)
Mehanička svojstva spojnih elemenata izrađenih od nehrđajućih čelika – 1. dio: Vijci i svorni vijci propisanog razreda čvrstoće – Grubi i fini navoj (ISO/DIS 3506-1:2018)

prEN ISO 3506-2 en
Mechanical properties of corrosion-resistant stainless steel fasteners – Part 2: Nuts with specified property classes – Coarse pitch thread and fine pitch thread (ISO/DIS 3506-2:2018)
Mehanička svojstva spojnih elemenata izrađenih od nehrđajućih čelika – 2. dio: Matice sa specificiranim razredima čvrstoće – Grubi i fini navoj (ISO/DIS 3506-2:2018)

HZN/TO 550, *Opskrba vodom*

prEN 17215 en
Chemicals used for treatment of water intended for human consumption – Iron-based coagulants – Analytical methods
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Koagulantni na bazi željeza – Analitičke metode

HZN/TO 555, *Medicinski proizvodi*

prEN 17180 en
Sterilizers for medical purposes – Low temperature vaporized hydrogen peroxide sterilizers – Requirements and testing
Sterilizatori za medicinske potrebe – Sterilizatori za sterilizaciju vodikovim peroksidom pri nižim temperaturama – Zahtjevi i ispitivanje

prEN ISO 20186-3 en

Molecular in-vitro diagnostic examinations – Specifications for pre-examination processes for venous whole blood – Cellular RNA – Part 3: Isolated circulating cell free DNA from plasma (ISO/DIS 20186-3:2018)
Molekularne in vitro dijagnostičke pretrage – Specifikacije za prethodne ispitne postupke za punu vensku krv – Stanična RNK – 3. dio: Slobodna cirkulirajuća DNK izolirana iz plazme (ISO/DIS 20186-3:2018)

HZN/TO 556, Osobna zaštitna oprema

prEN 13819-1 en

Hearing protectors – Testing – Part 1: Physical test methods
Štitnici sluha – Ispitivanje – 1. dio: Fizikalne ispitne metode

prEN 13819-2 en

Hearing protectors – Testing – Part 2: Acoustic test methods
Štitnici sluha – Ispitivanje – 2. dio: Akustičke ispitne metode

HZN/TO 557, Zaštitna odjeća

prEN ISO 12402-6 en

Personal flotation devices – Part 6: Special application lifejackets and buoyancy aids – Safety requirements and additional test methods (ISO/DIS 12402-6:2017)
Osobne plutajuće naprave – 6. dio: Posebni prsluci za spašavanje i plutajuća pomagala – Sigurnosni zahtjevi i dodatne ispitne metode (ISO/DIS 12402-6:2017)

prEN ISO 12402-10 en

Personal flotation devices – Part 10: Selection and application of personal flotation devices and other relevant devices (ISO/DIS 12402-10:2017)
Osobne plutajuće naprave – 10. dio: Odabir i primjena osobnih plutajućih i drugih odgovarajućih naprava (ISO/DIS 12402-10:2017)

prEN ISO 21420 en

Protective gloves – General requirements and test methods (ISO/DIS 21420:2018)
Zaštitne rukavice – Opći zahtjevi i metode ispitivanja (ISO/DIS 21420:2018)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 10325 en

Fibre ropes – High modulus polyethylene – 8-strand braided ropes, 12-strand braided ropes and covered ropes (ISO/DIS 10325:2018)
Vlaknasta užad – Polietilen visoke molekularne mase – 8-nitna pletena užad, 12-nitna pletena užad i presvučena užad (ISO/DIS 10325:2018)

FprCEN/TR 17222 en

Textile products and nanotechnologies – Guidance on tests to simulate nanoparticle release – Skin exposure
Tekstilni proizvodi i nanotehnologije – Smjernice za ispitivanja koja simuliraju otpuštanje nano čestica – Izloženost koži

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

EN 13445-5:2014/prA2 en

Unfired pressure vessels – Part 5: Inspection and testing
Neložene tlačne posude – 5. dio: Pregled i ispitivanje

EN 13480-1:2017/prA1:2017 en

Metallic industrial piping – Part 1: General
Metalni industrijski cjevovodi – 1. dio: Općenito

prEN ISO 14245 en

Gas cylinders – Specifications and testing of LPG cylinder valves – Self-closing (ISO/DIS 14245:2018)
Plinske boce – Specifikacija i ispitivanje ventila boca za ukapljeni naftni plin – Automatsko zatvaranje (ISO/DIS 14245:2018)

prEN ISO 15995 en

Gas cylinders – Specifications and testing of LPG cylinder valves – Manually operated (ISO/DIS 15995:2018)
Plinske boce – Specifikacija i ispitivanje ventila boca za ukapljeni naftni plin – Ručno pokretani ventili (ISO/DIS 15995:2018)

prEN 16652-2 en

LPG equipment and accessories – Automotive LPG vehicles workshops – Part 2: Personnel competence and training
Oprema i pribor za UNP – Radionice za motorna vozila na UNP – 2. dio: Osposobljenost i obuka osoblja

HZN/TO 563, Sigurnost strojeva

EN 12042:2014/prA1:2017 en

Food processing machinery – Automatic dough dividers – Safety and hygiene requirements
Strojevi za preradu hrane – Automatski odjeljivači tijesta – Sigurnosni i higijenski zahtjevi

prEN ISO 13851 en

Safety of machinery – Two-hand control devices – Functional aspects and design principles (ISO/DIS 13851:2017)
Sigurnost strojeva – Dvoručni upravljački uređaji – Funkcionalni aspekti i načela za projektiranje (ISO/DIS 13851:2017)

prEN ISO 13857 en

Safety of machinery – Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO/DIS 13857:2017)
Sigurnost strojeva – Sigurnosne udaljenosti radi sprečavanja dosezanja opasnih područja gornjim i donjim ekstremitetima (ISO/DIS 13857:2017)

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

EN ISO 11133:2014/prA2 en

Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media (ISO 11133:2014/DAmD 2:2017)
Mikrobiologija hrane, hrane za životinje i vode – Priprema, proizvodnja, skladištenje i ispitivanje hranjive podloge (ISO 11133:2014/DAmD 2:2017)

prEN ISO 16140-3 en

Microbiology of the food chain – Method validation – Part 3: Protocol for the verification of reference and validated alternative methods implemented in a single laboratory (ISO/DIS 16140-3:2017)

prEN ISO 16140-4 en

Microbiology of the food chain – Method validation – Part 4: Protocol for single-laboratory (in-house) method validation (ISO/DIS 16140-4:2017)

prEN ISO 16140-5 en

Microbiology of the food chain – Method validation – Part 5: Protocol for factorial interlaboratory validation of non-proprietary methods (ISO/DIS 16140-5:2017)

prEN ISO 16140-6 en

Microbiology of the food chain – Method validation – Part 6: Protocol for the validation of alternative (proprietary) methods for microbiological confirmation and typing procedures (ISO/DIS 16140-6:2017)

HZN/TO 569, Hrana za životinje

prEN 17212 en

Animal Feeding stuffs: Methods of sampling and analysis – Determination of melamine and cyanuric acid content by liquid chromatographic method with mass spectrometric detection (LC-MS/MS)
Hrana za životinje: Metode uzorkovanja i analize – Određivanje sadržaja melamina i cijanurne kiseline tekućinskom kromatografijom uz detekciju spektrometrijom masa (LC-MS/MS)

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

ISO 6003:2017 en

Alpine skis – Determination of mass and polar moment of inertia – Laboratory measurement method
Skije za alpsko skijanje – Određivanje mase i polarnog momenta inercije – Laboratorijska metoda mjerenja

ISO 7138:2017 en

Cross-country skis – Determination of mass and location of balance point
Skije za skijaško trčanje – Određivanje mase i položaja točke ravnoteže

ISO 7139:2017 en

Cross-country skis – Determination of elastic properties
Skije za skijaško trčanje – Određivanje elastičnih svojstava

ISO 7798:2017 en
Cross-country skis – Determination of fatigue indexes – Cyclic loading test
Skije za skijaško trčanje – Određivanje indeksa zamora materijala – Test cikličkog opterećenja

ISO 8364:2017 en
Alpine skis and bindings – Binding mounting area – Requirements and test methods
Skije za alpsko skijanje i vezovi – Površina za montažu veza – Zahtjevi i metode ispitivanja

ISO 10045:2017 en
Alpine skis – Binding mounting area – Requirements for test screws
Skije za alpsko skijanje – Površina za montažu veza – Zahtjevi za vijke koji se upotrebljavaju za ispitivanje

ISO 11416:1995 en
Tennis rackets – Racket components and physical parameters
Teniski reketi – Dijelovi reketa i fizički parametri

prEN 14960-1 en
Inflatable play equipment – Part 1: Safety requirements and test methods

FprCEN/TR 17207 en
Playground and recreational areas – Requirements for quality of inspections and competence of inspectors
Prostori za igru i rekreaciju – Zahtjevi koji se odnose na kvalitetu pregleda i osposobljenost inspektora

HZN/TO E2, Rotacijski strojevi

EN 60034-18-41:2014/prA1:2018 en
Rotating electrical machines – Part 18-41: Partial discharge free electrical insulation systems (Type I) used in rotating electrical machines fed from voltage converters – Qualification and quality control tests (IEC 60034-18-41:2014/am1:201X)
Rotacijski električni strojevi – Dio 18-41: Električni izolacijski sustavi bez parcijalnih izbijanja (Tip I) u rotacijskim električnim strojevima koji se napajaju iz naponskih pretvarača – Kvalifikacija i ispitivanja za kontrolu kvalitete (IEC 60034-18-41:2014/am1:201X)

HZN/TO E9, Električna oprema za željeznicu

prEN 50591 en
Specification and verification of energy consumption for railway rolling stock
Specifikacija i verifikacija potrošnje energije za željezničko vozilo

HZN/TO E17, Sklopni i upravljački uređaji

EN 60947-2:2017/prA1:2017 en
Low-voltage switchgear and controlgear – Part 2: Circuit-breakers (IEC 60947-2:2016/am1:201X)
Niskonaponska sklopna aparatura – 2. dio: Prekidači (IEC 60947-2:2016/am1:201X)

prEN 60947-7-4:2017 en
Low-voltage switchgear and controlgear – Part 7-4: Ancillary equipment – PCB terminal blocks for copper conductors (IEC 60947-7-4:201X)
Niskonaponska sklopna aparatura – Dio 7-4: Pomoćna oprema – PCB redne stezaljke za bakrene vodiče (IEC 60947-7-4:201X)

HZN/TO E23, Električni instalacijski pribor

FprEN 63024:2017/FprAA:2017 en
Requirements for automatic reclosing devices (ARDs) for circuit-breakers, RCBOs and RCCBs for household and similar uses
Zahtjevi za uređaje za automatsko zatvaranje (ARD) za osigurače i strujne zaštitne sklopke sa i bez združene nadstrujne zaštite (RCBO i RCCB) za kućanstvo i slične primjene

HZN/TO E31, Eksplozivne atmosfere

prEN 60079-31:2018 en
Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t” (IEC 60079-31:201X)
Eksplozivne atmosfere – 31. dio: Vrsta zaštite opreme od paljenja prašine kućištem “t” (IEC 60079-31:201X)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN 62386-220:2018 en
Digital addressable lighting interface – Part 220: Particular requirements for control gear – Centrally Supplied DC Emergency Operation (device type 19) (IEC 62386-220:201X)

EN 62560:2012/prAA:2017 en
Self-ballasted LED-lamps for general lighting services by voltage > 50 V – Safety specifications
Svjetleće diode za opću rasvjetnu namjenu s vlastitom predspojnom napravom za napone veće od 50 V – Sigurnosni zahtjevi

HZN/TO E37, Odvodnici prenapona

FprEN 61643-31:2017/FprAA:2017 en
Low-voltage surge protective devices – Part 31: Surge protective devices connected to the d.c. side of photovoltaic installations – Requirements and test methods

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

prEN 62325-503:2018 en
Framework for energy market communications – Part 503: Market data exchanges guidelines for the IEC 62325-351 profile (IEC 62325-503:201X)

HZN/TO E62, Električna oprema u medicinskoj praksi

prEN 62985:2017 en
Methods for calculating Size Specific Dose Estimate (SSDE) on Computed Tomography (IEC 62985:201X)

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

prEN 60746-4:2017 en
Expression of performance of electrochemical analyzers – Part 4: Dissolved oxygen in water measured by membrane covered amperometric sensors (IEC 60746-4:201X)

prEN 61131-10:2017 en
XML Exchange Formats for Programs according to IEC 61131-3 (IEC 61131-10:201X)

prEN 62769-100:2017 en
Field device integration (FDI) – Part 100: Profiles – Generic protocols (IEC 62769-100:201X)

prEN 62769-115-2:2018 en
Field device integration (FDI) – Part 115-2: Profiles – Modbus-RTU (IEC 62769-115-2:201X)

HZN/TO E95, Mjerni releji i zaštitna oprema

prEN 60255-181:2018 en
Measuring relays and protection equipment – Part 181: Functional requirements for frequency protection (IEC 60255-181:201X)

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

prEN 62680-1-2:2017 en
Universal Serial Bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery Specification (IEC 62680-1-2:201X)
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-2: Opći dijelovi – Specifikacija USB-a za isporuku energije (IEC 62680-1-2:201X)

prEN 62680-1-3:2018 en
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-CTM Cable and Connector Specification (IEC 62680-1-3:201X)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

prEN 50413 en
Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz)
Osnovna norma za postupke mjerenja i proračuna izloženosti ljudi električnim, magnetskim i elektromagnetskim poljima (0 Hz - 300 GHz)

HZN/TO E108, Sigurnost elektroničke opreme u području audio, video, informacijske i komunikacijske tehnologije

EN 62368-1:2014/prAB:2018 en
Audio/video, information and communication technology equipment – Part 1: Safety requirements
Oprema audio/video, informacijske i komunikacijske tehnologije – 1. dio: Zahtjevi sigurnosti

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 301 908-3 V13.0.1:2017 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
Celularne mreže IMT – Harmonizirana norma za pristup radijskom spektru – 3. dio: Bazine postaje (BS) za CDMA s izravnim raspršenjem spektra (UTRA FDD)

Draft EN 301 908-14 V13.0.1:2017 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
Celularne mreže IMT – Harmonizirana norma za pristup radijskom spektru – 14. dio: Bazine postaje (BS) za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA)

Draft EN 301 908-18 V13.0.1:2017 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)
Celularne mreže IMT – Harmonizirana norma za pristup radijskom spektru – 18. dio: Bazine postaje (BS) za E-UTRA i GSM/EDGE više-standardni radio (MSR)

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

prEN ISO 20700 en
Guidelines for management consultancy services (ISO 20700:2017)

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

prEN ISO 150 en
Raw, refined and boiled linseed oil for paints and varnishes – Specifications and methods of test (ISO/DIS 150:2018)
Sirovo, rafinirano i kuhano laneno ulje za boje i lakove – Specifikacije i metode ispitivanja (ISO/DIS 150:2018)

prEN ISO 3681 en
Binders for paints and varnishes – Determination of saponification value – Titrimetric method (ISO/DIS 3681:2018)
Veziva za boje i lakove – Određivanje saponifikacijskog broja – Titrimetrijska metoda (ISO/DIS 3681:2018)

prEN ISO 3961 en
Animal and vegetable fats and oils – Determination of iodine value (ISO/DIS 3961:2017)
Životinjske i biljne masti i ulja – Određivanje jodnog broja (ISO/DIS 3961:2017)

prEN ISO 8504-3 en
Preparation of steel substrates before application of paints and related products – Surface preparation methods – Part 3: Hand-and power-tool cleaning (ISO/DIS 8504-3:2017)
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Metode pripreme površina – 3. dio: Čišćenje s ručnim i strojnim alatima (ISO/DIS 8504-3:2017)

prEN ISO 18473-1 en
Functional pigments and extenders for special applications – Part 1: Nanoscale calcium carbonate for sealant application (ISO 18473-1:2015)

HZN/TU I2, Strojstvo 2

prEN 17206 en
Entertainment Technology – Lifting and Load-bearing Equipment for Stages and other Production Areas within the Entertainment Industry – Specifications for general requirements (excluding aluminum and steel trusses and towers)

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

prEN ISO 13017 en
Dentistry – Magnetic attachments (ISO/DIS 13017:2018)
Stomatologija – Magnetne kopče (ISO/DIS 13017:2018)

prEN 13795-1 en
Surgical clothing and drapes – Requirements and test methods – Part 1: Surgical drapes and gowns
Kirurška odjeća i prekrivači – Zahtjevi i metode ispitivanja – 1. dio: Kirurški prekrivači i ogrtači

prEN ISO 16054 en
Implants for surgery – Minimum data sets for surgical implants (ISO/DIS 16054:2017)
Kirurški implantati – Minimalni skupovi podataka o kirurškim implantatima (ISO/DIS 16054:2017)

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

FprEN 2591-228 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 228: Ferrule withdrawal force

FprEN 3646-006 en
Aerospace series – Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous – Part 006: Receptacle, hermetic, jam-nut mounting – Product standard
Zrakoplovstvo – Spojnice, električne, kružne, bajonetni spoj, stalne radne temperature 175 °C ili 200 °C – 006. dio: Utičnica, bez dotoka zraka, ugradnja s kontra maticom – Norma za proizvod

FprEN 3745-411 en
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 411: Resistance to fluids
Zrakoplovstvo – Vlakna i kabeli, optički, za zrakoplove – Metode ispitivanja – 411. dio: Otpornost na fluide

FprEN 4533-001 en
Aerospace series – Fibre optic systems – Handbook – Part 001: Termination methods and tools
Zrakoplovstvo – Sustavi optičkih vlakana – Priručnik – Dio 001: Metode i alati za prekidanje

FprEN 4611-005 en
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 005: Silver plated copper – Operating temperatures between -65 °C and 150 °C – Single extruded wall for enclosed applications – UV laser printable – Product standard
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višežilni sklop – XLETFE porodica – Dio 005: Bakar prevučen srebrom – Radna temperatura između -65 °C i 150 °C – Jednostruki ekstrudirani zid za zatvorenu primjenu – Ispisivanje pomoću UV lasera – Norma za proizvod

FprEN 4611-006 en
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 006: Silver plated copper Operating temperatures, between -65 °C and 150 °C – Dual extruded wall for open applications – UV laser printable – Product standard
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višežilni sklop – XLETFE porodica – Dio 006: Bakar prevučen srebrom – Radna temperatura između -65 °C i 150 °C – Dvostruki ekstrudirani zid za upotrebu na otvorenom – Ispisivanje pomoću UV lasera – Norma za proizvod

FprEN 4611-007 en
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 007: Nickel plated copper – Operating temperatures, between -65 °C and 150 °C – Dual extruded wall for open applications – UV laser printable – Product standard
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višežilni sklop – XLETFE porodica – Dio 007: Bakar prevučen niklom – Radna temperatura između -65 °C i 150 °C – Dvostruki ekstrudirani zid za upotrebu na otvorenom – Ispisivanje pomoću UV lasera – Norma za proizvod

FprEN 4641-001 en
Aerospace series – Cables, optical, 125 µm diameter cladding – Part 001: Technical specification
Zrakoplovstvo – Kabeli, optički, promjera omotača 125 µm – Dio 001: Tehnička specifikacija

prEN 16796-4 en
Energy efficiency of industrial trucks – Test methods – Part 4:
Variable-reach rough-terrain trucks

HZN/TU U1, Opća elektrotehnika 1

prEN 60974-2:2018 en
Arc welding equipment – Part 2: Liquid cooling systems
(IEC 60974-2:201X)
Oprema za elektrolučno zavarivanje – 2. dio: Sustavi za
hlađenje tekućinom (IEC 60974-2:201X)

prEN 60974-3:2018 en
Arc welding equipment – Part 3: Arc striking and stabilizing
devices (IEC 60974-3:201X)
Oprema za elektrolučno zavarivanje – 3. dio: Uređaji za
paljenje luka i stabilizaciju (IEC 60974-3:201X)

prEN 60974-5:2018 en
Arc welding equipment – Part 5: Wire feeders (IEC 60974-5:201X)
Oprema za elektrolučno zavarivanje – 5. dio: Dodavači žice
(IEC 60974-5:201X)

prEN 60974-7:2018 en
Arc welding equipment – Part 7: Torches (IEC 60974-7:201X)
Oprema za elektrolučno zavarivanje – 7. dio: Plamenici
(IEC 60974-7:201X)

prEN 60974-14:2018 en
Arc welding equipment – Part 14: Performance verification
(IEC 60974-14:201X)

HZN/TU V1, Elektronika 1

prEN 60286-3:2018 en
Packaging of components for automatic handling – Part 3:
Packaging of surface mount components on continuous tapes
(IEC 60286-3:201X)
Pakiranje komponenta za automatsko rukovanje – Pakiranje
komponenta za površinsku montažu na neprekidnu traku
(IEC 60286-3:201X)

prEN 60384-17:2018 en
Fixed capacitors for use in electronic equipment – Part 17:
Sectional specification: Fixed metallized polypropylene film
dielectric a.c. and pulse capacitors (IEC 60384-17:201X)

prEN 60869-1:2018 en
Fibre optic interconnecting devices and passive components
– Fibre optic passive power control devices – Part 1: Generic
specification (IEC 60869-1:201X)

prEN 61010-2-081:2018 en
Safety requirements for electrical equipment for measurement,
control and laboratory use – Part 2-081: Particular requirements
for automatic and semi-automatic laboratory equipment for
analysis and other purposes (IEC 61010-2-081:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku
električnu opremu – Dio 2-081: Posebni zahtjevi za automatsku
i poluautomatsku laboratorijsku opremu za analize i druge
namjene (IEC 61010-2-081:201X)

prEN 61189-2-630:2017 en
Test methods for electrical materials, printed board and other
interconnection structures and assemblies – Part 2-630:
Test methods for base materials for rigid printed boards
– Moisture Absorption after pressure vessel conditioning
(IEC 61189-2-630:201X)

prEN 61191-1:2018 en
Printed board assemblies – Part 1: Generic specification
– Requirements for soldered electrical and electronic
assemblies using surface mount and related assembly
technologies (IEC 61191-1:201X)

prEN 61967-1:2018 en
Integrated circuits – Measurement of electromagnetic
emissions – Part 1: General conditions and definitions
(IEC 61967-1:201X)

prEN 62148-21:2018 en
Fibre optic active components and devices – Package and
interface standards – Part 21: Design guide of electrical
interface of PIC packages using Silicon Fine-pitch Ball Grid
Array (S-FBGA) and Silicon Fine-pitch Land Grid Array
(S-FLGA) (IEC 62148-21:201X)

prEN 62788-1-7:2017 en
Measurement procedures for materials used in photovoltaic
modules – Part 1-7: Test procedure for the optical
durability of transparent polymeric PV packaging materials
(IEC 62788-1-7:201X)

prEN 63011-1:2017 en
Integrated circuits – Three dimensional integrated circuits
– Part 1: General conditions and definitions (IEC 63011-1:201X)

prEN 63011-2:2017 en
Integrated circuits – Three dimensional integrated circuits
– Part 2: Alignment of stacked dies having fine pitch
interconnect (IEC 63011-2:201X)

HZN/TU W1, Energetska elektrotehnika 1

prEN 60704-3:2018 en
Household and similar electrical appliances – Test code for the
determination of airborne acoustical noise – Part 3: Procedure
for determining and verifying declared noise emission values
(IEC 60704-3:201X)
Kućanski i slični električni aparati – Ispitne odredbe
za određivanje uzdušne buke – 3. dio: Postupak za
određivanje i potvrđivanje iskazanih vrijednosti emisije buke
(IEC 60704-3:201X)

FprEN 62485-1:2017 en
Safety requirements for secondary batteries and
battery installations – Part 1: General safety information
(IEC 62485-1:2015)

FprEN 62485-2:2017 en
Safety requirements for secondary batteries and
battery installations – Part 2: Stationary batteries
(IEC 62485-2:2010)

FprEN 62485-4:2017 en
Safety requirements for secondary batteries and battery
installations – Part 4: Valve-regulated lead-acid batteries for
use in portable appliances (IEC 62485-4:2015)

FprEN 62841-4-1:2017/FprAA:2017 en
Electric Motor-Operated Hand-Held Tools, Transportable
Tools and Lawn and Garden Machinery – Safety – Part 4-1:
Particular requirements for chain saws
Ručni elektromotorni alati, prijenosni alati i mehanizacija za
travnjake i vrtove – Sigurnost – Dio 4-1: Posebni zahtjevi za
lančane pile

FprEN 62841-4-2:2017/FprAA:2017 en
Electric Motor-Operated Hand-Held Tools, Transportable
Tools and Lawn and Garden Machinery – Safety – Part 4-2:
Particular requirements for hedge trimmers
Ručni elektromotorni alati, prijenosni alati i mehanizacija za
travnjake i vrtove – Sigurnost – Dio 4-2: Posebni zahtjevi za
kresalice

prEN 62932-1:2017 en
Flow battery systems for stationary applications – Part 1:
Terminology (IEC 62932-1:201X)

prEN 62932-2-1:2017 en
Flow Battery Energy Systems for Stationary applications
– Part 2-1: Performance general requirements and test
methods (IEC 62932-2-1:201X)

prEN 62932-2-2:2017 en
Flow Battery Systems for Stationary applications – Part 2-2:
Safety requirements (IEC 62932-2-2:201X)

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 6, *Papir, karton i pulpe*

HRN EN ISO 287:2010 en

Papir i karton – Određivanje sadržaja vlage jedne pošiljke – Metoda sušenja u sušioniku (ISO 287:2009; EN ISO 287:2009)
Paper and board – Determination of moisture content of a lot – Oven-drying method (ISO 287:2009; EN ISO 287:2009)
- zamijenjena s: HRN EN ISO 287:2018

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 15004-8:2008 en

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 8. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom IG-100 (ISO 14520-13:2005, MOD; EN 15004-8:2008)
Fixed firefighting system – Gas extinguishing systems – Part 8: Physical properties and system design of gas extinguishing systems for IG-100 extinguishant (ISO 14520-13:2005, MOD; EN 15004-8:2008)
- zamijenjena s: HRN EN 15004-8:2018

HRN EN 15004-10:2008 en

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 10. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom IG-541 (ISO 14520-15:2005, MOD; EN 15004-10:2008)
Fixed firefighting systems – Gas extinguishing systems – Part 10: Physical properties and system design of gas extinguishing systems for IG-541 extinguishant (ISO 14520-15:2005, MOD; EN 15004-10:2008)
- zamijenjena s: HRN EN 15004-10:2018

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

HRN EN ISO 4254-7:2010 en

Poljoprivredna mehanizacija – Sigurnost – 7. dio: Kombajni za žito, krmu i pamuk (ISO 4254-7:2008; EN ISO 4254-7:2009)
Agricultural machinery – Safety – Part 7: Combine harvesters, forage harvesters and cotton harvesters (ISO 4254-7:2008; EN ISO 4254-7:2009)
- zamijenjena s: HRN EN ISO 4254-7:2018

HRN EN ISO 4254-7:2010/Ispr.1:2011 en

Poljoprivredna mehanizacija – Sigurnost – 7. dio: Kombajni za žito, krmu i pamuk (EN ISO 4254-7:2009/AC:2010)
Agricultural machinery – Safety – Part 7: Combine harvesters, forage harvesters and cotton harvesters (EN ISO 4254-7:2009/AC:2010)
- zamijenjena s: HRN EN ISO 4254-7:2018

HZN/TO 28, *Naftni proizvodi i maziva*

HRN ISO 91-1:2002 en

Tablice za mjerenje nafte – 1. dio: Tablice na referencijskim temperaturama od 15 °C i 60 °F (ISO 91-1:1992)
Petroleum measurement tables – Part 1: Tables based on reference temperatures of 15 degrees C and 60 degrees F (ISO 91-1:1992)
- zamijenjena s: HRN ISO 91:2018

HRN ISO 91-2:2002 en

Tablice za mjerenje nafte – 2. dio: Tablice na referencijskoj temperaturi od 20 °C (ISO 91-2:1991)
Petroleum measurement tables – Part 2: Tables based on reference temperature of 20 degrees C (ISO 91-2:1991)
- zamijenjena s: HRN ISO 91:2018

HRN EN ISO 4259:2008 en

Naftni proizvodi – Određivanje i primjena podataka o preciznosti u odnosu na metode ispitivanja (ISO 4259:2006; EN ISO 4259:2006)
Petroleum products – Determination and application of precision data in relation to methods of test (ISO 4259:2006; EN ISO 4259:2006)
- zamijenjena s: HRN EN ISO 4259-1:2018, HRN EN ISO 4259-2:2018

HRN ISO 5024:2008 en

Tekućni naftni i ukapljeni naftni plinovi – Mjerenje – Standardni referentni uvjeti (ISO 5024:1999)
Petroleum liquids and liquefied petroleum gases – Measurement – Standard reference conditions (ISO 5024:1999)
- zamijenjena s: HRN ISO 91:2018

HRN ISO 9770:1999 en

Nafta i naftni proizvodi – Faktori stlačivosti za ugljikovodike u području od 638 kg/m³ do 1074 kg/m³ (ISO 9770:1989)
Crude petroleum and petroleum products – Compressibility factors for hydrocarbons in the range of 638 kg/m³ to 1074 kg/m³ (ISO 9770:1989)
- zamijenjena s: HRN ISO 91:2018

HZN/TO 37, *Terminologija*

HRN ISO 16642:2010 en

Primjena računala u terminologiji – Okvir za terminološko obilježavanje (ISO 16642:2003)
Computer applications in terminology – Terminological markup framework (ISO 16642:2003)
- zamijenjena s: HRN ISO 16642:2018

HZN/TO 43, *Akustika*

HRN ISO 532:2001 en

Akustika – Metoda računanja razine glasnoće (ISO 532:1975)
Acoustics – Method for calculating loudness level (ISO 532:1975)
- zamijenjena s: HRN ISO 532-1:2018, HRN ISO 532-2:2018

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 544:2011 en

Dodatni i potrošni materijali za zavarivanje – Tehnički uvjeti isporuke za dodatne materijale za zavarivanje – Vrsta proizvoda, dimenzije, dopuštena odstupanja i označavanje (ISO 544:2011; EN ISO 544:2011)
Welding consumables – Technical delivery conditions for filler materials and fluxes – Type of product, dimensions, tolerances and markings (ISO 544:2011; EN ISO 544:2011)
- zamijenjena s: HRN EN ISO 544:2018

HRN EN 13622:2003 en,fr,de

Oprema za plinsko zavarivanje – Nazivlje – Nazivi koji se upotrebljavaju za opremu za plinsko zavarivanje (EN 13622:2002)
Gas welding equipment – Terminology – Terms used for gas welding equipment (EN 13622:2002)
- bez zamjene

HRN EN ISO 13916:1999 en

Zavarivanje – Upute za mjerenje temperature predgrijavanja, međuslojne temperature i održavanje temperature predgrijavanja (ISO 13916:1996; EN ISO 13916:1996)
Welding – Guidance on the measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO 13916:1996; EN ISO 13916:1996)
- zamijenjena s: HRN EN ISO 13916:2018

HRN EN ISO 17836:2008 en

Toplinsko naštrecavanje – Određivanje učinkovitosti nanošenja pri toplinskom naštrecavanju (ISO 17836:2004; EN ISO 17836:2004)
Thermal spraying – Determination of the deposition efficiency for thermal spraying (ISO 17836:2004; EN ISO 17836:2004)
- zamijenjena s: HRN EN ISO 17836:2018

HZN/TO 82, *Rudarstvo*

HRN EN 1552:2008 en

Strojevi za podzemne rudnike – Pokretni strojevi za dobivanje na širokom čelu – Sigurnosni zahtjevi za valjkaste utovarivače i plugove (EN 1552:2003)
Underground mining machines – Mobile extracting machines at the face – Safety requirements for shearer loaders and plough systems (EN 1552:2003)
- zamijenjena s: HRN EN ISO 19225:2018

HZN/TO 92, Zaštita od požara

HRN EN 1364-2:2002 en
Ispitivanja otpornosti na požar nenosivih elemenata – 2. dio: Stropovi (EN 1364-2:1999)
Fire resistance tests for non-loadbearing elements – Part 2: Ceilings (EN 1364-2:1999)
- zamijenjena s: HRN EN 1364-2:2018

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

HRN EN 1852-1:2009 en
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Polipropilen (PP) – 1. dio: Specifikacije za cijevi, spojnice i sustav (EN 1852-1:2009)
Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene (PP) – Part 1: Specifications for pipes, fittings and the system (EN 1852-1:2009)
- zamijenjena s: HRN EN 1852-1:2018

HRN EN ISO 11295:2010 en
Razredba i obavijesti o oblikovanju plastičnih cijevnih sustava namijenjenih za obnavljanje (ISO 11295:2010; EN ISO 11295:2010)
Classification and information on design of plastics piping systems used for renovation (ISO 11295:2010; EN ISO 11295:2010)
- zamijenjena s: HRN EN ISO 11295:2018

HZN/TO 145, Grafički simboli

HRN ISO 80416-2:2008 en
Osnovna načela grafičkih simbola za uporabu na opremi – 2. dio: Oblik i uporaba strelica (ISO 80416-2:2001)
Basic principles for graphical symbols for use on equipment – Part 2: Form and use of arrows (ISO 80416-2:2001)
- bez zamjene

HZN/TO 163, Toplinska izolacija

HRN EN 13467:2002 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje dimenzija, pravokutnosti i linearnosti predgotovljene izolacije za cijevi (EN 13467:2001)
Thermal insulating products for building equipment and industrial installations – Determination of dimensions, squareness and linearity of preformed pipe insulation (EN 13467:2001)
- zamijenjena s: HRN EN 13467:2018

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11981:2010 en
Oftalmološka optika – Kontaktne leće i proizvodi za njegu kontaktnih leća – Utvrđivanje fizikalne usklađenosti proizvoda za održavanje kontaktnih leća s kontaktnim lećama (ISO 11981:2009; EN ISO 11981:2009)
Ophthalmic optics – Contact lenses and contact lens care products – Determination of physical compatibility of contact lens care products with contact lenses (ISO 11981:2009; EN ISO 11981:2009)
- zamijenjena s: HRN EN ISO 11981:2018

HRN EN ISO 11986:2011 en
Oftalmološka optika – Kontaktne leće i proizvodi za održavanje kontaktnih leća – Određivanje djelovanja i slabljenja sredstava zaštite (ISO 11986:2010; EN ISO 11986:2010)
Ophthalmic optics – Contact lenses and contact lens care products – Determination of preservative uptake and release (ISO 11986:2010; EN ISO 11986:2010)
- zamijenjena s: HRN EN ISO 11986:2018

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 71-8:2012 en
Sigurnost igraćaka – 8. dio: Igračke za fizičku aktivnost u kućanstvu (EN 71-8:2011)
Safety of toys – Part 8: Activity toys for domestic use (EN 71-8:2011)
- zamijenjena s: HRN EN 71-8:2018

HZN/TO 215, Medicinska informatika

HRN EN ISO 11615:2014 en
Medicinska informatika – Identifikacija medicinskih proizvoda – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o medicinskim proizvodima (ISO 11615:2012; EN ISO 11615:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2012; EN ISO 11615:2012)
- zamijenjena s: HRN EN ISO 11615:2018

HRN EN ISO 11616:2014 en
Medicinska informatika – Identifikacija medicinskih proizvoda – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o farmaceutskim proizvodima (ISO 11616:2012; EN ISO 11616:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated pharmaceutical product information (ISO 11616:2012; EN ISO 11616:2012)
- zamijenjena s: HRN EN ISO 11616:2018

HZN/TO 503, Metalni materijali

HRN EN ISO 3210:2010 en
Anodna obrada aluminija i aluminijevih legura – Ocjenjivanje kvalitete zapunjenih prevlaka anodnom oksidacijom mjerenjem gubitka mase nakon uranjanja u otopinu fosforne kiseline/kromne kiseline (ISO 3210:2010; EN ISO 3210:2010)
Anodizing of aluminium and its alloys – Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in phosphoric acid/chromic acid solution (ISO 3210:2010; EN ISO 3210:2010)
- zamijenjena s: HRN EN ISO 3210:2018

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 27830:2013 en
Metalne i druge anorganske prevlake – Smjernice za specifikaciju metalnih i anorganskih prevlaka (ISO 27830:2008; EN ISO 27830:2013)
Metallic and other inorganic coatings – Guidelines for specifying metallic and inorganic coatings (ISO 27830:2008; EN ISO 27830:2013)
- zamijenjena s: HRN EN ISO 27830:2018

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

HRN EN ISO 19901-2:2006 en
Industrija nafte i prirodnog plina – Specifični zahtjevi za odobalne konstrukcije – 2. dio: Postupci i kriteriji projektiranja na seizmiku (ISO 19901-2:2004; EN ISO 19901-2:2004)
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 2: Seismic design procedures and criteria (ISO 19901-2:2004; EN ISO 19901-2:2004)
- zamijenjena s: HRN EN ISO 19901-2:2018

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN ISO/TS 16407-1:2012 en
Elektronička naplata – Vrednovanje opreme za utvrđivanje sukladnosti s ISO/TS 17575-1 – 1. dio: Struktura ispitnog paketa i svrhe ispitivanja (ISO/TS 16407-1:2011; CEN ISO/TS 16407-1:2011)
Electronic fee collection – Evaluation of equipment for conformity to ISO/TS 17575-1 – Part 1: Test suite structure and test purposes (ISO/TS 16407-1:2011; CEN ISO/TS 16407-1:2011)
- zamijenjena s: HRN EN ISO 16407-1:2018

HRS CEN ISO/TS 16410-1:2012 en
Elektronička naplata – Vrednovanje opreme za utvrđivanje sukladnosti – Struktura ispitnog paketa i svrhe ispitivanja (ISO/TS 16410-1:2011; CEN ISO/TS 16410-1:2011)
Electronic fee collection – Evaluation of equipment for conformity to ISO/TS 17575-3 – Part 1: Test suite structure and test purposes (ISO/TS 16410-1:2011; CEN ISO/TS 16410-1:2011)
- zamijenjena s: HRN EN ISO 16410-1:2018

HRS CEN ISO/TS 17444-1:2013 en
Elektronička naplata cestarine – Učinkovitost naplate – 1. dio: Metrika (ISO/TS 17444-1:2012; CEN ISO/TS 17444-1:2012)
Electronic fee collection – Charging performance – Part 1: Metrics (ISO/TS 17444-1:2012; CEN ISO/TS 17444-1:2012)
- zamijenjena s: HRS CEN ISO/TS 17444-1:2018

HRS CEN ISO/TS 25110:2013 en
Elektronička naplata – Sučelje za naplatu unutar vozila uporabom elektroničke kartice (ISO/TS 25110:2013; CEN ISO/TS 25110:2013)
Electronic fee collection – Interface definition for on-board account using integrated circuit card (ICC) (ISO/TS 25110:2013; CEN ISO/TS 25110:2013)
- zamijenjena s: HRN EN ISO 25110:2018

HZN/TO 526, Bitumenska veziva

HRN EN 13398:2010 en
Bitumen i bitumenska veziva – Određivanje elastičnog povrata modificiranog bitumena (EN 13398:2010)
Bitumen and bituminous binders – Determination of the elastic recovery of modified bitumen (EN 13398:2010)
- zamijenjena s: HRN EN 13398:2018

HRN EN 13399:2010 en
Bitumen i bitumenska veziva – Određivanje stabilnosti pri skladištenju modificiranog bitumena (EN 13399:2010)
Bitumen and bituminous binders – Determination of storage stability of modified bitumen (EN 13399:2010)
- zamijenjena s: HRN EN 13399:2018

HZN/TO 528, Oprema za željeznice

HRN EN 13103:2012 en
Željeznički sustav – Osovinski sklopovi i okretna postolja – Slobodne osovine – Metode konstruiranja (EN 13103:2009+A2:2012)
Railway applications – Wheelsets and bogies – Non-powered axles – Design method (EN 13103:2009+A2:2012)
- zamijenjena s: HRN EN 13103-1:2018

HRN EN 13104:2013 en
Željeznički sustav – Pogonske osovine – Metode konstruiranja (EN 13104:2009+A2:2012)
Railway applications – Wheelsets and bogies – Powered axles – Design method (EN 13104:2009+A2:2012)
- zamijenjena s: HRN EN 13103-1:2018

HRN EN 14478:2005 en,fr,de
Željeznički sustav – Kočenje – Opći rječnik (EN 14478:2005)
Railway applications – Braking – Generic vocabulary (EN 14478:2005)
- zamijenjena s: HRN EN 14478:2018

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

HRN EN 13001-3-1:2013 en
Granici – Opće projektiranje – Dio 3-1: Granična stanja i dokaz sigurnosti za čelične nosive konstrukcije (EN 13001-3-1:2012+A1:2013)
Cranes – General Design – Part 3-1: Limit States and proof competence of steel structure (EN 13001-3-1:2012+A1:2013)
- zamijenjena s: HRN EN 13001-3-1:2018

HZN/TO 531, Plastika i guma

HRN EN ISO 294-5:2013 en
Plastika – Injekcijsko prešanje ispitaka plastomernih materijala – 5. dio: Priprava standardnih ispitaka za proučavanje anizotropije (ISO 294-5:2011; EN ISO 294-5:2013)
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 5: Preparation of standard specimens for investigating anisotropy (ISO 294-5:2011; EN ISO 294-5:2013)
- zamijenjena s: HRN EN ISO 294-5:2018

HRN EN 438-9:2013 en
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajenoga naziva laminati) – 9. dio: Razredba i specifikacije za laminatne alternativnih jezgri (EN 438-9:2010+A1:2013)
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (usually called laminates) – Part 9: Classification and specifications for alternative core laminates (EN 438-9:2010+A1:2013)
- zamijenjena s: HRN EN 438-9:2018

HRN EN ISO 1825:2011 en
Gumena crijeva i crijevni sklopovi za zemaljsku opskrbu aviona gorivom – Specifikacija (ISO 1825:2010; EN ISO 1825:2011)
Rubber hoses and hose assemblies for aircraft ground fuelling and defuelling – Specification (ISO 1825:2010; EN ISO 1825:2011)
- zamijenjena s: HRN EN ISO 1825:2018

HRN EN 14932:2008 en
Plastika – Rastezljivi plastomerni filmovi za omatanje bala – Zahtjevi i ispitne metode (EN 14932:2006)
Plastics – Stretch thermoplastic films for wrapping bales – Requirements and test methods (EN 14932:2006)
- zamijenjena s: HRN EN 14932:2018

HZN/TO 534, Spremnici za teret

HRN EN 15969-1:2015 en
Spremnici za prijevoz opasnih tvari – Digitalno sučelje za prijenos podataka između vozila cisterne i nepomičnih uređaja – 1. dio: Specifikacija protokola – Upravljanje, mjerenje i podaci o događajima (EN 15969-1:2015)
Tanks for transport of dangerous goods – Digital interface for the data transfer between tank vehicle and with stationary facilities – Part 1: Protocol specification – Control, measurement and event data (EN 15969-1:2015)
- zamijenjena s: HRN EN 15969-1:2018

HRN EN 15969-2:2012 en
Spremnici za prijevoz opasnih tvari – Digitalno sučelje za prijenos podataka između vozila cisterne i nepomičnih uređaja – 2. dio: Komercijalni i logistički podaci (EN 15969-2:2011)
Tanks for transport of dangerous goods – Digital interface for the data transfer between tank vehicle and with stationary facilities – Part 2: Commercial and logistic data (EN 15969-2:2011)
- zamijenjena s: HRN EN 15969-2:2018

HZN/TO 543, Poštanske usluge

HRN EN 14142-1:2011 en
Poštanske usluge – Adresne baze podataka – 1. dio: Sastavni dijelovi poštanske adrese (EN 14142-1:2011)
Postal services – Address databases – Part 1: Components of postal addresses (EN 14142-1:2011)
- zamijenjena s: HRN EN ISO 19160-4:2018

HZN/TO 550, Opskrba vodom

HRN EN 881:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Aluminijev klorid (monomer), aluminijev klorid hidroksid (monomer) i aluminijev klorid hidroksid sulfat (monomer) (EN 881:2004)
Chemicals used for treatment of water intended for human consumption – Aluminium chloride (monomeric), aluminium chloride hydroxide (monomeric) and aluminium chloride hydroxide sulfate (monomeric) (EN 881:2004)
- zamijenjena s: HRN EN 17034:2018

HRN EN 883:2008 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Polialuminijev hidroksid klorid i polialuminijev hidroksid klorid sulfat (EN 883:2004)
Chemicals used for treatment of water intended for human consumption – Polyaluminium chloride hydroxide and polyaluminium chloride hydroxide sulfate (EN 883:2004)
- zamijenjena s: HRN EN 17034:2018

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 10993-4:2017 en
Biološka procjena medicinskih proizvoda – 4. dio: Odabir ispitivanja za interakciju s krvlju (ISO 10993-4:2017; EN ISO 10993-4:2017)
Biological evaluation of medical devices – Part 4: Selection of tests for interactions with blood (ISO 10993-4:2017; EN ISO 10993-4:2017)
- zamijenjena s: HRN EN ISO 10993-4:2018

HRN EN ISO 10993-16:2011 en
Biološka procjena medicinskih proizvoda – 16. dio: Nacrtno toksikokinetičko istraživanje za istrošene proizvode i lužine (ISO 10993-16:2010; EN ISO 10993-16:2010)
Biological evaluation of medical devices – Part 16: Toxicokinetic study design for degradation products and leachables (ISO 10993-16:2010; EN ISO 10993-16:2010)
- zamijenjena s: HRN EN ISO 10993-16:2018

HRN EN ISO 17664:2008 en
Sterilizacija medicinskih proizvoda – Informacije koje osigurava proizvođač za obradu ponovo steriliziranih medicinskih proizvoda (ISO 17664:2004; EN ISO 17664:2004)
Sterilization of medical devices – Information to be provided by the manufacturer for the processing of resterilizable medical devices (ISO 17664:2004; EN ISO 17664:2004)
- zamijenjena s: HRN EN ISO 17664:2018

HZN/TO 556, Osobna zaštitna oprema

HRN EN 353-1:2014 en

Osobna zaštitna oprema protiv pada s visine – Naprave za zaustavljanje pada s vodilicom uključujući sidrenu liniju – 1. dio: Naprave za zaustavljanje pada s vodilicom uključujući čvrstu sidrenu liniju (EN 353-1:2014)
Personal fall protection equipment – Guided type fall arresters including an anchor line – Part 1: Guided type fall arresters including a rigid anchor line (EN 353-1:2014)
- zamijenjena s: HRN EN 353-1:2018

HRN EN 13634:2016 en

Zaštitna obuća za vozače motocikla – Zahtjevi i metode ispitivanja (EN 13634:2016)
Protective footwear for motorcycle riders – Requirements and test methods (EN 13634:2016)
- zamijenjena s: HRN EN 13634:2018

HZN/TO 557, Zaštitna odjeća

HRN EN 14225-1:2005 en

Ronilačka odijela – 1. dio: Mokra odijela – Zahtjevi i ispitne metode (EN 14225-1:2005)
Diving suits – Part 1: Wet suits – Requirements and test methods (EN 14225-1:2005)
- zamijenjena s: HRN EN 14225-1:2018

HRN EN 14225-2:2005 en

Ronilačka odijela – 2. dio: Suha odijela – Zahtjevi i ispitne metode (EN 14225-2:2005)
Diving suits – Part 2: Dry suits – Requirements and test methods (EN 14225-2:2005)
- zamijenjena s: HRN EN 14225-2:2018

HRN EN 14225-3:2005 en

Ronilačka odijela – 3. dio: Aktivno grijano ili hlađeno odijelo (sustavi) – Zahtjevi i ispitne metode (EN 14225-3:2005)
Diving suits – Part 3: Actively heated or cooled suit (systems) – Requirements and test methods (EN 14225-3:2005)
- zamijenjena s: HRN EN 14225-3:2018

HRI CEN/TR 15419:2008 en

Zaštitna odjeća – Smjernice za odabir, uporabu, njegu i održavanje zaštitne odjeće za zaštitu od kemikalija (CEN/TR 15419:2006)
Protective clothing – Guidelines for selection, use, care and maintenance of chemical protective clothing (CEN/TR 15419:2006)
- zamijenjena s: HRI CEN/TR 15419:2018

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 105-B03:2003 en

Tekstil – Ispitivanje postojanosti obojenja – Dio B03: Postojanost obojenja na atmosferske uvjete: Direktno izlaganje (ISO 105-B03:1994; EN ISO 105-B03:1997)
Textiles – Tests for colour fastness – Part B03: Colour fastness to weathering: Outdoor exposure (ISO 105-B03:1994; EN ISO 105-B03:1997)
- zamijenjena s: HRN EN ISO 105-B03:2018

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

HRN EN ISO 11363-2:2010 en

Plinske boce – 17E i 25E konusni navoj za spajanje ventila na plinske boce – 2. dio: Pregled kontrolnikom (ISO 11363-2:2010; EN ISO 11363-2:2010)
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 2: Inspection gauges (ISO 11363-2:2010; EN ISO 11363-2:2010)
- zamijenjena s: HRN EN ISO 11363-2:2018

HZN/TO 562, Alatni strojevi i alati

HRN EN 848-1:2013 en

Sigurnost strojeva za obradu drva – Jednostrani strojevi za oblikovanje kalupa rotirajućim alatom – 1. dio: Jednovretni strojevi za vertikalno oblikovanje kalupa (EN 848-1:2007+A2:2012)
Safety of woodworking machines – One side moulding machines with rotating tool – Part 1: Single spindle vertical moulding machines (EN 848-1:2007+A2:2012)
- zamijenjena s: HRN EN ISO 19085-6:2018

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

HRN EN 12014-2:1998 en

Namirnice – Određivanje količine nitrata i/ili nitrita – 2. dio: Metoda tekućinske kromatografije visokog učinka (HPLC)/metoda kromatografije s ionskim izmjenjivačem (IC) za određivanje količine nitrata u povrću i proizvodima od povrća (EN 12014-2:1997)
Foodstuffs – Determination of nitrate and/or nitrite content – Part 2: HPLC/IC method for the determination of nitrate content of vegetables and vegetable products (EN 12014-2:1997)
- zamijenjena s: HRN EN 12014-2:2018

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

HRN EN 748:2013 en

Oprema za sportska igrališta – Nogometni golovi – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 748:2013)
Playing field equipment – Football goals – Functional and safety requirements, test methods (EN 748:2013)
- zamijenjena s: HRN EN 748:2018

HRN EN 957-8:2005 en

Oprema za vježbanje – 8. dio: Nožni steperi, pomične penjače stube i penjači – Dodatni posebni sigurnosni zahtjevi i metode ispitivanja (EN 957-8:1998)
Stationary training equipment – Part 8: Steppers, stairclimbers and climbers – Additional specific safety requirements and test methods (EN 957-8:1998)
- zamijenjena s: HRN EN ISO 20957-8:2018

HRN EN 957-10:2008 en

Oprema za vježbanje – 10. dio: Bicikl za vježbanje s fiksnim kotačem ili bez slobodnoga kotača, dodatni posebni sigurnosni zahtjevi i metode ispitivanja (EN 957-10:2005)
Stationary training equipment – Part 10: Exercise bicycles with a fixed wheel or without freewheel, additional specific safety requirements and test methods (EN 957-10:2005)
- zamijenjena s: HRN EN ISO 20957-10:2018

HRN EN 1177:2008 en

Površine za ublažavanje udara – Određivanje kritične visine pada (EN 1177:2008)
Impact attenuating playground surfacing – Determination of critical fall height (EN 1177:2008)
- zamijenjena s: HRN EN 1177:2018

HRN EN 1651:2008 en

Oprema za paraglajding – Sigurnosno remenje – Zahtjevi za sigurnost i ispitivanje izdržljivosti (EN 1651:1999)
Paragliding equipment – Harnesses – Safety requirements and strength tests (EN 1651:1999)
- zamijenjena s: HRN EN 1651:2018

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

HRN ISO 10006:2008 en

Sustavi upravljanja kvalitetom – Smjernice za upravljanje kvalitetom u projektima (ISO 10006:2003)
Quality management systems – Guidelines for quality management in projects (ISO 10006:2003)
- zamijenjena s: HRN ISO 10006:2018

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

HRN EN ISO 2812-1:2008 en

Boje i lakovi – Određivanje otpornosti na kapljevine – 1. dio: Uranjanje u kapljevine izuzevši vodu (ISO 2812-1:2007; EN ISO 2812-1:2007)
Paints and varnishes – Determination of resistance to liquids – Part 1: Immersion in liquids other than water (ISO 2812-1:2007; EN ISO 2812-1:2007)
- zamijenjena s: HRN EN ISO 2812-1:2018

HRN EN ISO 2812-4:2008 en

Boje i lakovi – Određivanje otpornosti na kapljevine – 4. dio: Točkaste metode (ISO 2812-4:2007; EN ISO 2812-4:2007)
Paints and varnishes – Determination of resistance to liquids – Part 4: Spotting methods (ISO 2812-4:2007; EN ISO 2812-4:2007)
- zamijenjena s: HRN EN ISO 2812-4:2018

- HRN EN ISO 11126-10:2007 en
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Specifikacije za nemetalne abrazive za čišćenje mlazom – 10. dio: Almandit granat (ISO 11126-10:2000; EN ISO 11126-10:2004)
Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 10: Almandite garnet (ISO 11126-10:2000; EN ISO 11126-10:2004)
- zamijenjena s: HRN EN ISO 11126-10:2018
- HRN EN ISO 12944-1:1999 en
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 1. dio: Opći uvod (ISO 12944-1:1998; EN ISO 12944-1:1998)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 1: General introduction (ISO 12944-1:1998; EN ISO 12944-1:1998)
- zamijenjena s: HRN EN ISO 12944-1:2018
- HRN EN ISO 12944-2:1999 en
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 2. dio: Razredba okoliša (ISO 12944-2:1998; EN ISO 12944-2:1998)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 2: Classification of environments (ISO 12944-2:1998; EN ISO 12944-2:1998)
- zamijenjena s: HRN EN ISO 12944-2:2018
- HRN EN ISO 12944-3:1999 en
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 3. dio: Razmatranje oblikovanja (ISO 12944-3:1998; EN ISO 12944-3:1998)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 3: Design considerations (ISO 12944-3:1998; EN ISO 12944-3:1998)
- zamijenjena s: HRN EN ISO 12944-3:2018
- HRN EN ISO 12944-4:1999 en
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 4. dio: Vrste površina i priprema površina (ISO 12944-4:1998; EN ISO 12944-4:1998)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 4: Types of surface and surface preparation (ISO 12944-4:1998; EN ISO 12944-4:1998)
- zamijenjena s: HRN EN ISO 12944-4:2018
- HRN EN ISO 12944-7:1999 en
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 7. dio: Izvođenje i nadzor radova bojenja (ISO 12944-7:1998; EN ISO 12944-7:1998)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 7: Execution and supervision of paint work (ISO 12944-7:1998; EN ISO 12944-7:1998)
- zamijenjena s: HRN EN ISO 12944-7:2018
- HRN EN ISO 12944-8:1999 en
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 8. dio: Razvoj specifikacija za nove radove i održavanje (ISO 12944-8:1998; EN ISO 12944-8:1998)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 8: Development of specifications for new work and maintenance (ISO 12944-8:1998; EN ISO 12944-8:1998)
- zamijenjena s: HRN EN ISO 12944-8:2018
- HRN EN 13900-1:2003 en
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 1. dio: Opći uvod (EN 13900-1:2003)
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 1: General introduction (EN 13900-1:2003)
- zamijenjena s: HRN EN ISO 23900-1:2018
- HRN EN 13900-2:2003 en
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 2. dio: Određivanje svojstva obojenja i lakoće dispergiranja u polivinilkloridu postupkom dvostrukog valjanja (EN 13900-2:2003)
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 2: Determination of colouristic properties and ease of dispersion in plasticized polyvinylchloride by two-roll milling (EN 13900-2:2003)
- zamijenjena s: HRN EN ISO 23900-2:2018
- HRN EN 13900-3:2003 en
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 3. dio: Određivanje kolorističkih svojstava i lakoće dispergiranja crnih i obojenih pigmentata u polietilenu postupkom dvostrukog valjanja (EN 13900-3:2003)
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 3: Determination of colouristic properties and ease of dispersion of black and colour pigments in polyethylene by two-roll milling (EN 13900-3:2003)
- zamijenjena s: HRN EN ISO 23900-3:2018
- HZN/TU I2, Strojstvo 2**
- HRN EN ISO 505:2009 en
Conveyor belts – Method for the determination of the tear propagation resistance of textile conveyor belts (ISO 505:1999; EN ISO 505:1999)
- zamijenjena s: HRN EN ISO 505:2018
- HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1**
- HRN EN ISO 14457:2012 en
Stomatologija – Nastavci i motori (ISO 14457:2012; EN ISO 14457:2012)
Dentistry – Handpieces and motors (ISO 14457:2012; EN ISO 14457:2012)
- zamijenjena s: HRN EN ISO 14457:2018
- HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1**
- HRN EN 3475-604:2011 en
Nizovi o zrakoplovstvu – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 604. dio: Otpornost na iskrenje u suhoj sredini (EN 3475-604:2010)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 604: Resistance to dry arc propagation (EN 3475-604:2010)
- zamijenjena s: HRN EN 3475-604:2018
- HRN EN 3475-605:2011 en
Nizovi o zrakoplovstvu – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 605. dio: Ispitivanje kratkog spoja u vlazi (EN 3475-605:2010)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 605: Wet short circuit test (EN 3475-605:2010)
- zamijenjena s: HRN EN 3475-605:2018
- HRN EN 4533-002:2008 en
Nizovi o zrakoplovstvu – Sustavi optičkih vlakana – Priručnik – 002. dio: Ispitivanje i mjerenje (EN 4533-002:2006)
Aerospace series – Fibre optic systems – Handbook – Part 002: Test and measurement (EN 4533-002:2006)
- zamijenjena s: HRN EN 4533-002:2018
- HRN EN 4533-003:2008 en
Nizovi o zrakoplovstvu – Sustavi optičkih vlakana – Priručnik – 003. dio: Postavljanje plašta i praksa instaliranja (EN 4533-003:2006)
Aerospace series – Fibre optic systems – Handbook – Part 003: Looming and installation practices (EN 4533-003:2006)
- zamijenjena s: HRN EN 4533-003:2018
- HRN EN 4533-004:2008 en
Nizovi o zrakoplovstvu – Sustavi optičkih vlakana – Priručnik – 004. dio: Popravak, održavanje i pregled (EN 4533-004:2006)
Aerospace series – Fibre optic systems – Handbook – Part 004: Repair, maintenance and inspection (EN 4533-004:2006)
- zamijenjena s: HRN EN 4533-004:2018

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 557, *Zaštitna odjeća*

- **umjesto**

HRN EN ISO 13506-1:2017

Odjeća za zaštitu od topline i plamena – 1. dio: Metoda ispitivanja odjeće – Mjerenje **prenesene** energije uporabom lutke **sa senzorima** (ISO 13506-1:2017; EN ISO 13506-1:2017)

Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin (ISO 13506-1:2017; EN ISO 13506-1:2017)

- **treba biti**

HRN EN ISO 13506-1:2017

Odjeća za zaštitu od topline i plamena – 1. dio: Metoda ispitivanja **kompleta** odjeće – Mjerenje **prolaza** energije uporabom lutke **s instrumentima** (ISO 13506-1:2017; EN ISO 13506-1:2017)

Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin (ISO 13506-1:2017; EN ISO 13506-1:2017)

HZN/TO E501, *Elektroakustika i ultrazvuk*

- **umjesto**

HRN EN 61391-1:2008

Ultrazvuk – Odječni skener – 1. dio: Postupci za **kalibraciju** prostornih mjernih sustava i mjerenje odziva raspršne funkcije u točki prostora (IEC 61391-1:2006; EN 61391-1:2006)

Ultrasonics – Pulse-echo scanners – Part 1: Techniques for calibrating spatial measurement systems and measurement of system point-spread function response (IEC 61391-1:2006; EN 61391-1:2006)

- **treba biti**

HRN EN 61391-1:2008

Ultrazvuk – Odječni skener – 1. dio: Postupci za **umjeravanje** prostornih mjernih sustava i mjerenje odziva raspršne funkcije u točki prostora (IEC 61391-1:2006; EN 61391-1:2006)

Ultrasonics – Pulse-echo scanners – Part 1: Techniques for calibrating spatial measurement systems and measurement of system point-spread function response (IEC 61391-1:2006; EN 61391-1:2006)

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 138, *Plastične cijevi, spojnice i ventili za prijenos tekućina*

HRN EN ISO 13255:2017 en pr

Plastomerni cjevni sustavi za odvodnju onečišćenih i otpadnih voda unutar zgrada – Metoda ispitivanja za zrakonepropusnost spojeva (ISO 13255:2010; EN ISO 13255:2017)

Thermoplastics piping systems for soil and waste discharge inside buildings – Test method for airtightness of joints (ISO 13255:2010; EN ISO 13255:2017)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.01 Opći pojmovi. Nazivlje. Normizacija. Dokumentacija (Rječnici)

Europska normizacija
CENELEC

EN 62656-5:2017
Standardized product ontology register and transfer by spreadsheets – Part 5: Interface for activity description (IEC 62656-5:2017)

01.040.25 Proizvodna tehnika (Rječnici)

Međunarodna normizacija
ISO

ISO 15296:2017
Gas welding equipment – Vocabulary

01.040.35 Informacijska tehnologija. Uredski strojevi (Rječnici)

Međunarodna normizacija
ISO

ISO/IEEE 11073-10101 AMD 1:2017
Health informatics – Point-of-care medical device communication – Part 10101: Nomenclature – Amendment 1: Additional definitions

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Europska normizacija
CEN

EN 12440:2017
Natural stone – Denomination criteria

01.110 Tehnička dokumentacija o proizvodu

Europska normizacija
CENELEC

EN 62569-1:2017
Generic specification of information on products by properties – Part 1: Principles and method (IEC 62569-1:2017)

EN 62656-5:2017
Standardized product ontology register and transfer by spreadsheets – Part 5: Interface for activity description (IEC 62656-5:2017)

01.140.20 Informacijske znanosti

Međunarodna normizacija
ISO

ISO 3297:2017
Information and documentation – International standard serial number (ISSN)

03.080.30 Usluge za potrošače

Međunarodna normizacija
ISO

ISO 20410:2017
Tourism and related services – Bareboat charter – Minimum service and equipment requirements

03.100.30 Upravljanje ljudskim resursima

Međunarodna normizacija
ISO/IEC

ISO/IEC 40180:2017
Information technology – Quality for learning, education and training – Fundamentals and reference framework

03.100.70 Sustavi upravljanja

Međunarodna normizacija
ISO

ISO/IEC 27007:2017
Information technology – Security techniques – Guidelines for information security management systems auditing

03.120.20 Certificiranje proizvoda i tvrtki. Ocjenjivanje sukladnosti

Međunarodna normizacija
ISO

ISO 18322:2017
Space systems – General management requirements for space test centres

03.120.30 Primjena statističkih metoda

Međunarodna normizacija
ISO

ISO 28590:2017
Sampling procedures for inspection by attributes – Introduction to the ISO 2859 series of standards for sampling for inspection by attributes

ISO 28591:2017
Sequential sampling plans for inspection by attributes

ISO 28592:2017
Double sampling plans by attributes with minimal sample sizes, indexed by producer's risk quality (PRQ) and consumer's risk quality (CRQ)

ISO 28593:2017
Acceptance sampling procedures by attributes – Accept-zero sampling system based on credit principle for controlling outgoing quality

ISO 28594:2017
Combined accept-zero sampling systems and process control procedures for product acceptance

ISO 28597:2017
Acceptance sampling procedures by attributes – Specified quality levels in nonconforming items per million

ISO 28598-1:2017
Acceptance sampling procedures based on the allocation of priorities principle (APP) – Part 1: Guidelines for the APP approach

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

03.200.01 Slobodno vrijeme i turizam općenito

Međunarodna normizacija ISO

ISO 20410:2017
Tourism and related services – Bareboat charter – Minimum service and equipment requirements

03.220.01 Prijevoz općenito

Međunarodna normizacija ISO

ISO 25110:2017
Electronic fee collection – Interface definition for on-board account using integrated circuit card (ICC)

03.220.20 Cestovni prijevoz

Međunarodna normizacija ISO

ISO/TR 20529-1:2017
Intelligent transport systems – Framework for green ITS (G-ITS) standards – Part 1: General information and use case definitions

07.120 Nanotehnologije

Međunarodna normizacija ISO

ISO/TR 19057:2017
Nanotechnologies – Use and application of acellular in vitro tests and methodologies to assess nanomaterial biocompatibility

11.040.70 Oftalmološka oprema

Međunarodna normizacija ISO

ISO 16671 AMD 1:2017
Ophthalmic implants – Irrigating solutions for ophthalmic surgery; Amendment 1

11.060.25 Stomatološki instrumenti

Međunarodna normizacija ISO

ISO 14457:2017
Dentistry – Handpieces and motors

11.080.01 Sterilizacija i dezinfekcija općenito

Međunarodna normizacija ISO

ISO 17664:2017
Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices

11.080.20 Dezinficijensi i antiseptici

Europska normizacija CEN

EN 12791:2016+A1:2017
Chemical disinfectants and antiseptics – Surgical hand disinfection – Test method and requirements (phase 2, step 2)

11.180.10 Pomagala i prilagodbe za kretanje

Međunarodna normizacija ISO

ISO 7176-2:2017
Wheelchairs – Part 2: Determination of dynamic stability of electrically powered wheelchairs

13.020.01 Okoliš i zaštita okoliša općenito

Međunarodna normizacija ISO

ISO 14055-1:2017
Environmental management – Guidelines for establishing good practices for combatting land degradation and desertification – Part 1: Good practices framework

13.020.40 Onečišćenje, nadzor nad onečišćenjem i zaštita od onečišćenja

Međunarodna normizacija ISO

ISO 18557:2017
Characterisation principles for soils, buildings and infrastructures contaminated by radionuclides for remediation purposes

ISO 27914:2017
Carbon dioxide capture, transportation and geological storage – Geological storage

13.020.55 Proizvodi na biološkoj osnovi

Europska normizacija CEN

EN 16766:2017
Bio-based solvents – Requirements and test methods

13.040.35 Čiste sobe i srodni nadzirani okoliš

Međunarodna normizacija ISO

ISO 14644-15:2017
Cleanrooms and associated controlled environments – Part 15: Assessment of suitability for use of equipment and materials by airborne chemical concentration

13.040.40 Emisije iz stacionarnih izvora

Europska normizacija CEN

EN 13284-1:2017
Stationary source emissions – Determination of low range mass concentration of dust – Part 1: Manual gravimetric method

EN 13284-2:2017
Stationary source emissions – Determination of low range mass concentration of dust – Part 2: Quality assurance of automated measuring systems

13.060.50 Ispitivanje voda na kemijske tvari

Međunarodna normizacija ISO

ISO 19340:2017
Water quality – Determination of dissolved perchlorate – Method using ion chromatography (IC)

13.110 Sigurnost strojeva

Europska normizacija
CEN

CEN Guide 414:2017
Safety of machinery – Rules for the drafting and presentation of safety standards

13.140 Utjecaj buke na ljude

Europska normizacija
CENELEC

EN 60645-1:2017
Electroacoustics – Audiometric equipment – Part 1: Equipment for pure-tone and speech audiometry (IEC 60645-1:2017)

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija
CENELEC

EN 60695-11-2:2017
Fire hazard testing – Part 11-2: Test flames – 1 kW nominal pre-mixed flame – Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-2:2017)

13.260 Zaštita od električnog udara. Rad pod naponom

Europska normizacija
CENELEC

EN 61057:2017
Live working – Insulating aerial devices for mounting on a chassis (IEC 61057:2017)

13.280 Zaštita od zračenja

Međunarodna normizacija
IEC

IEC/IEEE 62704-1:2017
Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz – Part 1: General requirements for using the finite-difference time-domain (FDTD) method for SAR calculations

IEC/IEEE 62704-3:2017
Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz – Part 3: Specific requirements for using the finite difference time domain (FDTD) method for SAR calculations of mobile phones

13.300 Zaštita od opasnih tvari

Europska normizacija
CEN

EN 15507:2017
Packaging – Transport packaging for dangerous goods – Comparative material testing of polyethylene grades

13.310 Zaštita od kriminala

Europska normizacija
CEN

EN 14450:2017
Secure storage units – Requirements, classification and methods of test for resistance to burglary – Secure safe cabinets

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija
CENELEC

EN 62820-1-2:2017
Building intercom system – Part 1-2: System requirements – Building intercom systems using the internet protocol (IP) (IEC 62820-1-2:2017)

13.340.10 Zaštitna odjeća

Međunarodna normizacija
ISO

ISO 19918:2017
Protective clothing – Protection against chemicals – Measurement of cumulative permeation of chemicals with low vapour pressure through materials

ISO 27065:2017
Protective clothing – Performance requirements for protective clothing worn by operators applying pesticides and for re-entry workers

17.120.20 Protok u otvorenim kanalima

Međunarodna normizacija
ISO

ISO 6416:2017
Hydrometry – Measurement of discharge by the ultrasonic transit time (time of flight) method

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija
ISO

ISO 13373-9:2017
Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 9: Diagnostic techniques for electric motors

ISO 16063-33:2017
Methods for the calibration of vibration and shock transducers – Part 33: Testing of magnetic field sensitivity

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija
CENELEC

EN 50401:2017
Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz – 100 GHz), when put into service

EN 62442-1:2011/A11:2017
Energy performance of lamp controlgear – Part 1: Controlgear for fluorescent lamps – Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear

EN 62927:2017
Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical Testing (IEC 62927:2017)

17.240 Mjerenja zračenja

Europska normizacija
CENELEC

EN 50360:2017
Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear

EN 50566:2017

Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body

**Međunarodna normizacija
ISO**

ISO 19581:2017

Measurement of radioactivity – Gamma emitting radionuclides – Rapid screening method using scintillation detector gamma-ray spectrometry

ISO/ASTM 51538:2017

Practice for use of the ethanol-chlorobenzene dosimetry system

19.100 Nerazorna ispitivanja

**Međunarodna normizacija
ISO**

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

21.120.40 Uravnoteženje i strojevi za uravnoteženje

**Međunarodna normizacija
ISO**

ISO 16084:2017

Balancing of rotating tools and tool systems

21.140 Spojevi, brtve

**Međunarodna normizacija
ISO**

ISO 4709:2017

Composition cork – Gasket material – Classification system, requirements, sampling, packaging and marking

23.040.20 Plastične cijevi

**Međunarodna normizacija
ISO**

ISO 10639:2017

Plastics piping systems for pressure and non-pressure water supply – Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin

23.040.70 Crijeva i crijevni sklopovi

**Europska normizacija
CEN**

CEN/TR 14585-3:2017

Corrugated metal hose assemblies for pressure applications – Part 3: Design method

**Međunarodna normizacija
ISO**

ISO 19385:2017

Rubber and plastics hoses and hose assemblies, wire- or textile-reinforced, for water jetting or water blasting applications – Specification

23.060.30 Zasuni

**Europska normizacija
CEN**

EN 593:2017

Industrial valves – Metallic butterfly valves for general purposes

23.100.40 Cijevovodi i spojnice

**Međunarodna normizacija
ISO**

ISO 11237:2017

Rubber hoses and hose assemblies – Compact wire-braid-reinforced hydraulic types for oil-based or water-based fluids – Specification

23.100.60 Filtri, brtve i onečišćenje fluida

**Međunarodna normizacija
ISO**

ISO 12669:2017

Hydraulic fluid power – Method for determining the required cleanliness level (RCL) of a system

ISO 18237:2017

Hydraulic fluid power – Method for evaluating water separation performance of dehydrators

23.100.99 Ostali sastavni dijelovi sustava za hidraulični i pneumatski prijenos energije

**Međunarodna normizacija
ISO**

ISO 6301-1:2017

Pneumatic fluid power – Compressed-air lubricators – Part 1: Main characteristics to be included in supplier's literature and product-marking requirements

23.140 Kompresori i pneumatski strojevi

**Međunarodna normizacija
ISO**

ISO 5390 AMD 1:2017

Compressors – Classification; Amendment 1

25.040.01 Sustavi industrijske automatizacije općenito

**Međunarodna normizacija
ISO**

ISO 16300-3:2017

Automation systems and integration – Interoperability of capability units for manufacturing application solutions – Part 3: Verification and validation of interoperability among capability units

25.040.40 Mjerenje i upravljanje u industrijskim procesima

**Međunarodna normizacija
ISO**

ISO 15746-2:2017

Automation systems and integration – Integration of advanced process control and optimization capabilities for manufacturing systems – Part 2: Activity models and information exchange

25.100.01 Alati za rezanje općenito

Međunarodna normizacija ISO

ISO 16084:2017
Balancing of rotating tools and tool systems

25.140.20 Električni alati

Međunarodna normizacija IEC

IEC 62841-3-14:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-14: Particular requirements for transportable drain cleaners

IEC 62841-4-1:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-1: Particular requirements for chain saws

25.160.30 Oprema za zavarivanje

Međunarodna normizacija ISO

ISO 5175-1:2017
Gas welding equipment – Safety devices – Part 1: Devices incorporating a flame (flashback) arrestor

ISO 5175-2:2017
Gas welding equipment – Safety devices – Part 2: Devices not incorporating a flame (flashback) arrestor

ISO 15296:2017
Gas welding equipment – Vocabulary

25.160.40 Zavareni spojevi i zavari

Međunarodna normizacija ISO

ISO 10675-2:2017
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 2: Aluminium and its alloys

ISO 17640:2017
Non-destructive testing of welds – Ultrasonic testing – Techniques, testing levels, and assessment

25.220.20 Površinska obrada

Međunarodna normizacija ISO

ISO 2135:2017
Anodizing of aluminium and its alloys – Accelerated test of light fastness of coloured anodic oxidation coatings using artificial light

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 10216:2017
Anodizing of aluminium and its alloys – Instrumental determination of image clarity of anodic oxidation coatings – Instrumental method

27.040 Plinske i parne turbine. Parni strojevi

Međunarodna normizacija ISO

ISO 18888:2017
Gas turbine combined cycle power plants – Thermal performance tests

27.100 Elektrane općenito

Međunarodna normizacija ISO

ISO 18888:2017
Gas turbine combined cycle power plants – Thermal performance tests

27.120.20 Nuklearne elektrane. Sigurnost

Europska normizacija CENELEC

EN 60780-323:2017
Nuclear facilities – Electrical equipment important to safety – Qualification (IEC/IEEE 60780-323:2016)

EN 62765-1:2017
Nuclear power plants – Instrumentation and control important to safety – Management of ageing of sensors and transmitters – Part 1: Pressure transmitters (IEC 62765-1:2015)

27.120.30 Fizijski materijali i tehnologija nuklearnog goriva

Međunarodna normizacija ISO

ISO 18557:2017
Characterisation principles for soils, buildings and infrastructures contaminated by radionuclides for remediation purposes

27.160 Solarna energetika

Europska normizacija CENELEC

EN 62920:2017
Photovoltaic power generating systems – EMC requirements and test methods for power conversion equipment (IEC 62920:2017)

29.020 Elektrotehnika općenito

Europska normizacija CENELEC

EN 60695-11-2:2017
Fire hazard testing – Part 11-2: Test flames – 1 kW nominal pre-mixed flame – Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-2:2017)

29.035.01 Izolacijski materijali općenito

Međunarodna normizacija IEC

IEC 62677-1:2017
Heat shrinkable low and medium voltage moulded shapes – Part 1: General requirements

29.035.20 Plastični i gumeni izolacijski materijali

Međunarodna normizacija IEC

IEC 62677-1:2017
Heat shrinkable low and medium voltage moulded shapes – Part 1: General requirements

IEC 62677-2:2017
Heat shrinkable low and medium voltage moulded shapes – Part 2: Methods of test

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Međunarodna normizacija IEC

IEC 60755:2017
General safety requirements for residual current operated protective devices

29.120.70 Sklopnici (releji)

Europska normizacija CENELEC

EN 61810-2:2017
Electromechanical elementary relays – Part 2: Reliability (IEC 61810-2:2017)

EN 61810-2-1:2017
Electromechanical elementary relays – Part 2-1: Reliability – Procedure for the verification of B10 values (IEC 61810-2-1:2017)

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Međunarodna normizacija IEC

IEC 62271-110:2017
High-voltage switchgear and controlgear – Part 110: Inductive load switching

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Europska normizacija CENELEC

EN 60947-2:2017
Low-voltage switchgear and controlgear – Part 2: Circuit-breakers (IEC 60947-2:2016 + COR1:2016)

EN 62683-1:2017
Low-voltage switchgear and controlgear – Product data and properties for information exchange – Part 1: Catalogue data (IEC 62683-1:2017)

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Europska normizacija CENELEC

EN 60901:1996/A6:2017
Single-capped fluorescent lamps – Performance specifications (IEC 60901:1996/A6:2014, modified)

Međunarodna normizacija IEC

IEC 62554:2011/Amd1:2017
Amendment 1 – Sample preparation for measurement of mercury level in fluorescent lamps

IEC 62554:2011+Amd1:2017
Sample preparation for measurement of mercury level in fluorescent lamps

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

EN 62442-1:2011/A11:2017
Energy performance of lamp controlgear – Part 1: Controlgear for fluorescent lamps – Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear

EN 62442-2:2014/A11:2017
Energy performance of lamp controlgear – Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) – Method of measurement to determine the efficiency of the controlgear

EN 62442-3:2014/A11:2017
Energy performance of lamp controlgear – Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear

Međunarodna normizacija IEC

IEC 61347-2-7:2011/Amd1:2017
Amendment 1 – Lamp controlgear – Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)

IEC 61347-2-7:2011+Amd1:2017
Lamp controlgear – Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)

IEC 62838:2015/Cor1:2017
Corrigendum 1 – LED lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. – Safety specifications

29.160.30 Motori

Međunarodna normizacija IEC

IEC 60335-2-95:2011/Amd2:2017
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

IEC 60335-2-95:2011+Amd1:2015+Amd2:2017
Household and similar electrical appliances – Safety – Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Europska normizacija CENELEC

EN 62927:2017
Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical Testing (IEC 62927:2017)

29.220.10 Primarni članci i baterije

Europska normizacija CENELEC

EN 62952-3:2017
Power sources for a wireless communication device – Part 3: Generic energy harvesting adaptor module (IEC 62952-3:2017)

29.240.20 Vodovi za prijenos i razdiobu električne energije

Europska normizacija
CENELEC

- EN 50341-2-8:2017
Overhead electrical lines exceeding AC 1 kV – Part 2-8: National Normative Aspects (NNA) for France (based on EN 50341-1:2012)
- EN 62488-2:2017
Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC (IEC 62488-2:2017)

29.240.99 Ostala oprema koja se upotrebljava u mrežama za prijenos i razdiobu električne energije

Europska normizacija
CENELEC

- EN 62827-2:2017
Wireless power transfer – Management – Part 2: Multiple device control management (IEC 62827-2:2017)
- EN 63028:2017
Wireless Power Transfer – AirFuel Resonant Baseline System Specification (BSS) (IEC 63028:2017)

29.260.20 Električni uređaji za eksplozivnu atmosferu

Europska normizacija
CENELEC

- EN 60079-13:2017
Explosive atmospheres – Part 13: Equipment protection by pressurized room “p” and artificially ventilated room “v” (IEC 60079-13:2017)

29.260.99 Ostala električna oprema za rad u posebnim uvjetima

Europska normizacija
CENELEC

- EN 61057:2017
Live working – Insulating aerial devices for mounting on a chassis (IEC 61057:2017)

29.280 Oprema za električnu vuču

Europska normizacija
CENELEC

- EN 50126-1:2017
Railway Applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Generic RAMS Process
- EN 50126-2:2017
Railway Applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 2: Systems Approach to Safety

31.080.01 Poluvodičke naprave općenito

Međunarodna normizacija
IEC

- IEC/TR 63133:2017
Semiconductor devices – Scan based ageing level estimation for semiconductor devices

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija
IEC

- IEC 62629-13-1:2017
3D display devices – Part 13-1: Visual inspection methods for stereoscopic displays using glasses – Ghost image

31.180 Tiskani krugovi i pločice

Europska normizacija
CENELEC

- EN 61191-2:2017
Printed board assemblies – Part 2: Sectional specification – Requirements for surface mount soldered assemblies (IEC 61191-2:2017)

31.190 Sklopovi elektroničkih sastavnih dijelova

Europska normizacija
CENELEC

- EN 61191-2:2017
Printed board assemblies – Part 2: Sectional specification – Requirements for surface mount soldered assemblies (IEC 61191-2:2017)

33.040.40 Mreže za prijenos podataka

Europska normizacija
CENELEC

- EN 62952-3:2017
Power sources for a wireless communication device – Part 3: Generic energy harvesting adaptor module (IEC 62952-3:2017)

Međunarodna normizacija
IEC

- IEC/TR 61850-90-10:2017
Communication networks and systems for power utility automation – Part 90-10: Models for scheduling

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija
ETSI

- EN 300698 V 2.2.1:2017
Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU
- EN 301925 V 1.5.1:2017
Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands – Technical characteristics and methods of measurement

Međunarodna normizacija
IEC

- IEC 61097-3:2017
Global maritime distress and safety system (GMDSS) – Part 3: Digital selective calling (DSC) equipment – Operational and performance requirements, methods of testing and required testing results

33.060.30 Radioreleji i nepomični satelitski komunikacijski sustavi

Europska normizacija ETSI

- EN 301926 V 1.3.1:2017
Satellite Earth Stations and Systems (SES) – Radio Frequency and Modulation Standard for Telemetry, Command and Ranging (TCR) of Communications Satellites

33.070.01 Usluge pokretne mreže općenito

Europska normizacija CENELEC

- EN 50360:2017
Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear
- EN 50401:2017
Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz – 100 GHz), when put into service
- EN 50566:2017
Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body

Međunarodna normizacija IEC

- IEC/IEEE 62704-1:2017
Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz – Part 1: General requirements for using the finite-difference time-domain (FDTD) method for SAR calculations
- IEC/IEEE 62704-3:2017
Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz – Part 3: Specific requirements for using the finite difference time domain (FDTD) method for SAR calculations of mobile phones

33.100.10 Zračenje

Europska normizacija CENELEC

- EN 50385:2017
Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz – 100 GHz), when placed on the market
- EN 50566:2017
Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body

33.100.20 Otpornost

Međunarodna normizacija IEC

- IEC/TR 61547-1:2017
Equipment for general lighting purposes – EMC immunity requirements – Part 1: An objective light flickermeter and voltage fluctuation immunity test method

33.120.10 Koaksijalni kabeli. Valovodi

Europska normizacija CENELEC

- EN 61076-3-104:2017
Connectors for electrical and electronic equipment – Product requirements – Part 3-104: Detail specification for 8-way, shielded free and fixed connectors for data transmissions with frequencies up to 2000 MHz (IEC 61076-3-104:2017)

33.160.30 Audiosustavi

Europska normizacija CENELEC

- EN 63035:2017
MIDI (Musical Instrument Digital Interface) specification 1.0 (Abridged edition, 2015) (IEC 63035:2017)

33.160.99 Ostala audiooprema, videooprema i audiovizualna oprema

Europska normizacija CENELEC

- EN 62827-2:2017
Wireless power transfer – Management – Part 2: Multiple device control management (IEC 62827-2:2017)
- EN 63028:2017
Wireless Power Transfer – AirFuel Resonant Baseline System Specification (BSS) (IEC 63028:2017)

33.180.01 Svjetlovodni sustavi općenito

Europska normizacija CENELEC

- EN 61745:2017
End-face image analysis procedure for the calibration of optical fibre geometry test sets (IEC 61745:2017)

33.180.10 Svjetlovodna vlakna i kabeli

Međunarodna normizacija IEC

- IEC 60793-1-47:2017
Optical fibres – Part 1-47: Measurement methods and test procedures – Macrobending loss
- IEC 60794-1-22:2017
Optical fibre cables – Part 1-22: Generic specification – Basic optical cable test procedures – Environmental test methods

33.180.20 Svjetlovodni vezne naprave

Europska normizacija CENELEC

- EN 61753-121-2:2017
Fibre optic interconnecting devices and passive components – Performance standard – Part 121-2: Simplex and duplex cords with single-mode fibre and cylindrical ferrule connectors for category C – Controlled environment (IEC 61753-121-2:2017)

33.180.30 Optička pojačala

Europska normizacija CENELEC

- EN 62343:2017
Dynamic modules – General and guidance (IEC 62343:2017)

33.180.99 Ostala svjetlovodna oprema

Europska normizacija CENELEC

- EN 61757-2-2:2017
Fibre optic sensors – Part 2-2: Temperature measurement
– Distributed sensing (IEC 61757-2-2:2016)

33.200 Daljinsko upravljanje. Daljinsko mjerjenje

Europska normizacija CENELEC

- EN 62488-2:2017
Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC (IEC 62488-2:2017)

Međunarodna normizacija IEC

- IEC/TR 61850-90-10:2017
Communication networks and systems for power utility automation – Part 90-10: Models for scheduling

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija ISO/IEC

- ISO/IEC 19988:2017
Information technology – Core Business Vocabulary Standard
- ISO/IEC 30134-4:2017
Information technology – Data centres – Key performance indicators – Part 4: IT Equipment Energy Efficiency for servers (ITEEsv)
- ISO/IEC 30134-5:2017
Information technology – Data centres – Key performance indicators – Part 5: IT Equipment Utilization for servers (ITEUsv)

35.030 Informatička sigurnost

Međunarodna normizacija ISO/IEC

- ISO/IEC TR 15446:2017
Information technology – Security techniques – Guidance for the production of protection profiles and security targets
- ISO/IEC 17922:2017
Information technology – Security techniques – Telebiometric authentication framework using biometric hardware security module
- ISO/IEC 19592-2:2017
Information technology – Security techniques – Secret sharing – Part 2: Fundamental mechanisms
- ISO/IEC 27007:2017
Information technology – Security techniques – Guidelines for information security management systems auditing
- ISO/IEC 27034-5:2017
Information technology – Security techniques – Application security – Part 5: Protocols and application security controls data structure

35.040.01 Kodiranje informacija općenito

Europska normizacija CENELEC

- EN 63035:2017
MIDI (Musical Instrument Digital Interface) specification 1.0 (Abridged edition, 2015) (IEC 63035:2017)

35.040.30 Kodiranje grafičkih i fotografskih informacija

Međunarodna normizacija ISO/IEC

- ISO/IEC 18477-4:2017
Information technology – Scalable compression and coding of continuous-tone still images – Part 4: Conformance testing
- ISO/IEC TR 29170-1:2017
Information technology – Advanced image coding and evaluation – Part 1: Guidelines for image coding system evaluation
- ISO/IEC 29199-2 AMD 1:2017
Information technology – JPEG XR image coding system – Part 2: Image coding specification – Amendment 1: Media type specification

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija ISO/IEC

- ISO/IEC TR 23002-6:2017
Information technology – MPEG video technologies – Part 6: Tools for reconfigurable media coding implementations
- ISO/IEC 23003-4 AMD 2:2017
Information technology – MPEG audio technologies – Part 4: Dynamic Range Control – Amendment 2: Reference software
- ISO/IEC 23008-1 AMD 1:2017
Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 1: MPEG media transport (MMT) – Amendment 1: Use of MMT Data in MPEG-H 3D Audio
- ISO/IEC 23008-2:2017
Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 2: High efficiency video coding
- ISO/IEC 23009-2:2017
Information technology – Dynamic adaptive streaming over HTTP (DASH) – Part 2: Conformance and reference software

35.040.50 Tehnike automatskog prepoznavanja i preuzimanja podataka

Međunarodna normizacija ISO/IEC

- ISO/IEC 18047-6:2017
Information technology – Radio frequency identification device conformance test methods – Part 6: Test methods for air interface communications at 860 MHz to 960 MHz
- ISO/IEC 29167-10:2017
Information technology – Automatic identification and data capture techniques – Part 10: Crypto suite AES-128 security services for air interface communications

35.100.01 Međupovezivanje otvorenih sustava općenito

Europska normizacija CENELEC

- EN 62827-2:2017
Wireless power transfer – Management – Part 2: Multiple device control management (IEC 62827-2:2017)

35.100.60 Sloj prikazivanja

Međunarodna normizacija ISO/IEC

ISO/IEC 8824-1 Technical Corrigendum 1:2017
Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation – Part 1: Technical; Technical Corrigendum 1

ISO/IEC 8825-7 Technical Corrigendum 2:2017
Information technology – ASN.1 encoding rules – Part 7: Specification of Octet Encoding Rules (OER); Technical Corrigendum 2

35.110 Umrežavanje

Međunarodna normizacija ISO/IEC

ISO/IEC/IEEE 8802-22 AMD 1:2017
Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the TV Band – Amendment 1: Management and control plane interfaces and procedures and enhancement to the management information base (MIB)

ISO/IEC/IEEE 8802-22 AMD 2:2017
Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the TV Bands – Amendment 2: Enhancement for broadband services and monitoring applications

ISO/IEC TR 22560:2017
Information technology – Sensor networks – Guidelines for design in the aeronautics industry: Active Air-flow Control

35.200 Sučelna i spojna oprema

Europska normizacija CENELEC

EN 63028:2017
Wireless Power Transfer – AirFuel Resonant Baseline System Specification (BSS) (IEC 63028:2017)

EN 63035:2017
MIDI (Musical Instrument Digital Interface) specification 1.0 (Abridged edition, 2015) (IEC 63035:2017)

Međunarodna normizacija ISO/IEC

ISO/IEC 19987:2017
Information technology – EPC Information Services (EPCIS) Standard

35.240.20 Primjene IT-a u uredskom poslovanju

Europska normizacija CEN

CEN/TR 16931-6:2017
Electronic invoicing – Part 6: Result of the test of EN 16931-1 with respect to its practical application for an end user

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CENELEC

EN 63029:2017
Audio, video and multimedia systems and equipment – Multimedia e-publishing and e-book technologies – Raster-graphics image-based e-books (IEC 63029:2017)

Međunarodna normizacija ISO

ISO 17972-3:2017
Graphic technology – Colour data exchange format (CxF/X) – Part 3: Output target data (CxF/X-3)

ISO/IEC 20382-1:2017
Information technology – User interfaces – Face-to-face speech translation – Part 1: User interface

ISO/IEC 20382-2:2017
Information technology – User interface – Face-to-face speech translation – Part 2: System architecture and functional components

IEC

ISO/IEC 20382-1:2017
Information technology – User interfaces – Face-to-face speech translation – Part 1: User interface

ISO/IEC 20382-2:2017
Information technology – User interface – Face-to-face speech translation – Part 2: System architecture and functional components

35.240.50 Primjene IT-a u industriji

Europska normizacija CEN

CWA 17157:2017
Engineering materials – Electronic data interchange – Formats for fatigue test data

CENELEC

EN 62569-1:2017
Generic specification of information on products by properties – Part 1: Principles and method (IEC 62569-1:2017)

35.240.60 Primjene IT-a u prijevozu i trgovini

Međunarodna normizacija ISO

ISO/TR 20529-1:2017
Intelligent transport systems – Framework for green ITS (G-ITS) standards – Part 1: General information and use case definitions

ISO 25110:2017
Electronic fee collection – Interface definition for on-board account using integrated circuit card (ICC)

35.240.63 IT aplikacije za trgovinu

Europska normizacija CEN

CEN/TR 16931-6:2017
Electronic invoicing – Part 6: Result of the test of EN 16931-1 with respect to its practical application for an end user

Međunarodna normizacija ISO

ISO 14533-3:2017
Processes, data elements and documents in commerce, industry and administration – Long term signature profiles – Part 3: Long term signature profiles for PDF Advanced Electronic Signatures (PADES)

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Međunarodna normizacija ISO

ISO/IEEE 11073-10101 AMD 1:2017
Health informatics – Point-of-care medical device communication – Part 10101: Nomenclature – Amendment 1: Additional definitions

ISO/IEEE 11073-10422:2017
Health informatics – Personal health device communication
– Part 10422: Device specialization – Urine analyser

ISO 11615:2017
Health informatics – Identification of medicinal products
– Data elements and structures for the unique identification
and exchange of regulated medicinal product information

ISO 11616:2017
Health informatics – Identification of medicinal products
– Data elements and structures for unique identification and
exchange of regulated pharmaceutical product information

35.240.90 IT aplikacije za obrazovanje

Međunarodna normizacija
ISO/IEC

ISO/IEC 40180:2017
Information technology – Quality for learning, education and
training – Fundamentals and reference framework

37.100.99 Ostale norme koje se odnose na grafičku tehnologiju

Međunarodna normizacija
ISO

ISO 17972-3:2017
Graphic technology – Colour data exchange format (CxF/X)
– Part 3: Output target data (CxF/X-3)

43.020 Cestovna vozila općenito

Međunarodna normizacija
ISO

ISO 6487 AMD 1:2017
Road vehicles – Measurement techniques in impact tests
– Instrumentation; Amendment 1

43.060.40 Sustavi goriva

Međunarodna normizacija
ISO

ISO 12251:2017
Diesel engines – Clamp mounted CR fuel injectors – Mounting
dimensions

45.020 Željeznička tehnika općenito

Europska normizacija
CENELEC

EN 50126-1:2017
Railway Applications – The Specification and Demonstration
of Reliability, Availability, Maintainability and Safety (RAMS)
– Part 1: Generic RAMS Process

EN 50126-2:2017
Railway Applications – The Specification and Demonstration
of Reliability, Availability, Maintainability and Safety (RAMS)
– Part 2: Systems Approach to Safety

45.040 Materijali i sastavni dijelovi za željezničku tehniku

Europska normizacija
CEN

EN 16839:2017
Railway applications – Rolling stock – Head stock layout

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija
CENELEC

EN 50155:2017
Railway applications – Rolling stock – Electronic equipment

45.060.10 Vučna vozila

Europska normizacija
CENELEC

EN 50463-1:2017
Railway applications – Energy measurement on board trains
– Part 1: General

EN 50463-2:2017
Railway applications – Energy measurement on board trains
– Part 2: Energy measuring

EN 50463-3:2017
Railway applications – Energy measurement on board trains
– Part 3: Data handling

EN 50463-4:2017
Railway applications – Energy measurement on board trains
– Part 4: Communication

EN 50463-5:2017
Railway applications – Energy measurement on board trains
– Part 5: Conformity assessment

47.020.01 Opće norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija
ISO

ISO 20154:2017
Ships and marine technology – Guidelines on vibration
isolation design methods for shipboard auxiliary machinery

47.020.50 Palubna oprema i instalacije

Međunarodna normizacija
ISO

ISO 7825:2017
Shipbuilding – Deck machinery – General requirements

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija
ETSI

EN 300698 V 2.2.1:2017
Radio telephone transmitters and receivers for the
maritime mobile service operating in the VHF bands used
on inland waterways – Harmonised Standard covering
the essential requirements of articles 3.2 and 3.3(g) of
Directive 2014/53/EU

EN 301925 V 1.5.1:2017
Radiotelephone transmitters and receivers for the maritime
mobile service operating in VHF bands – Technical
characteristics and methods of measurement

Međunarodna normizacija
IEC

IEC 61097-3:2017
Global maritime distress and safety system (GMDSS)
– Part 3: Digital selective calling (DSC) equipment
– Operational and performance requirements, methods of
testing and required testing results

49.025.10 Čelici

Europska normizacija CEN

- EN 2037:2017
Aerospace series – Hexagonal steel bars drawn – Dimensions
– Tolerances h 11 and h 12

49.025.15 Neželjezni metali općenito

Europska normizacija CEN

- EN 2306:2017
Aerospace series – Heat resisting – Nickel base alloy
Ni-Cr20Co3Fe3 – Annealed – Bars

49.025.40 Guma i plastika

Europska normizacija CEN

- EN 2850:2017
Aerospace series – Carbon fibre thermosetting resin
– Unidirectional laminates – Compression test parallel to fibre
direction

49.025.99 Ostali materijali

Europska normizacija CEN

- EN 3094:2017
Aerospace series – Sealants – Test method – determination
of the application time

49.035 Sastavni dijelovi za zrakoplovne konstrukcije

Europska normizacija CEN

- EN 4691-1:2017
Aerospace series – Tie rod with integrated bolts – Part 1:
Technical specification
- EN 4692:2017
Aerospace series – Tie Rod with integrated bolts – Locking
clip
- EN 4693:2017
Aerospace series – Tie rod with integrated bolts – Assembly
code A, B and C
- EN 4694:2017
Aerospace series – Tie rod with integrated bolts – Assembly
code D, E and F

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija CEN

- EN 3475-701:2017
Aerospace series – Cables, electrical, aircraft use – Test
methods – Part 701: Strippability and adherence of insulation
to the conductor
- EN 4644-001:2017
Aerospace series – Connector, electrical and optical,
rectangular, modular, rectangular inserts, operating
temperature 175 °C (or 125 °C) continuous – Part 001:
Technical specification
- EN 4652-002:2017
Aerospace series – Connectors, coaxial, radiofrequency
– Part 002: Specification of performances

- EN 4652-420:2017
Aerospace series – Connectors, coaxial, radio frequency
– Part 420: Type 4, C interface – Crimp assembly version
– Straight plug – Product standard

- EN 4652-421:2017
Aerospace series – Connectors, coaxial, radio frequency
– Part 421: Type 4, C interface – Crimp assembly version
– Right angle plug – Product standard

Međunarodna normizacija ISO/IEC

- ISO/IEC TR 22560:2017
Information technology – Sensor networks – Guidelines for
design in the aeronautics industry: Active Air-flow Control

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija CEN

- EN 4644-001:2017
Aerospace series – Connector, electrical and optical,
rectangular, modular, rectangular inserts, operating
temperature 175 °C (or 125 °C) continuous – Part 001:
Technical specification

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

- ISO 18322:2017
Space systems – General management requirements for
space test centres

53.040.20 Sastavni dijelovi za prijenosne trake

Međunarodna normizacija ISO

- ISO 433:2017
Conveyor belts – Marking
- ISO 505:2017
Conveyor belts – Method for the determination of the tear
propagation resistance of textile conveyor belts

53.100 Strojevi za zemljane radove

Međunarodna normizacija ISO

- ISO 17757:2017
Earth-moving machinery and mining – Autonomous and semi-
autonomous machine system safety

55.040 Materijali i pribor za ambalažu i pakiranje

Europska normizacija CEN

- EN 15507:2017
Packaging – Transport packaging for dangerous goods
– Comparative material testing of polyethylene grades

59.080.01 Tekstili općenito

Međunarodna normizacija ISO

- ISO 105-B03:2017
Textiles – Tests for colour fastness – Part B03: Colour fastness
to weathering: Outdoor exposure

65.060.10 Poljoprivredni traktori i priključna vozila

Europska normizacija
CEN

EN 1853:2017
Agricultural machinery – Trailers – Safety

65.060.70 Oprema za vrtlarstvo

Međunarodna normizacija
IEC

IEC 62841-4-1:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-1: Particular requirements for chain saws

65.060.80 Oprema za šumarstvo

Međunarodna normizacija
IEC

IEC 62841-4-1:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-1: Particular requirements for chain saws

65.080 Gnojiva

Europska normizacija
CEN

EN 14069:2017
Liming materials – Denominations, specifications and labelling

67.060 Žitarice, mahunarke i proizvodi od žitarica i mahunarka

Međunarodna normizacija
ISO

ISO 11746 AMD 1:2017
Rice – Determination of biometric characteristics of kernels; Amendment 1

ISO 11747 AMD 1:2017
Rice – Determination of rice kernel resistance to extrusion after cooking; Amendment 1

67.220.10 Mirodije i začini

Međunarodna normizacija
ISO

ISO 2256 AMD 1:2017
Dried mint (spearmint) (*Mentha spicata* Linnaeus syn. *Mentha viridis* Linnaeus) – Specification; Amendment 1

ISO 6571 AMD 1:2017
Spices, condiments and herbs – Determination of volatile oil content (hydrodistillation method); Amendment 1

71.100.30 Eksplozivi. Pirotehnika i pirotehnička sredstva

Međunarodna normizacija
ISO

ISO/TR 21865:2017
Fireworks – Third party testing – Voluntary scheme

73.020 Rudarstvo i vađenje kamena

Međunarodna normizacija
ISO

ISO 19434:2017
Mining – Classification of mine accidents

75.020 Crpenje i obrada nafte i prirodnoga plina

Međunarodna normizacija
ISO

ISO 35101:2017
Petroleum and natural gas industries – Arctic operations – Working environment

75.060 Prirodni plin

Međunarodna normizacija
ISO

ISO 20729:2017
Natural gas – Determination of sulfur compounds – Determination of total sulfur content by ultraviolet fluorescence method

75.160.10 Kruta goriva

Međunarodna normizacija
ISO

ISO 20336:2017
Solid mineral fuels – Determination of total sulfur by Coulomb titration method

75.180.10 Oprema za iskorištavanje i vađenje

Međunarodna normizacija
ISO

ISO 19905-3:2017
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 3: Floating unit

75.180.30 Volumetrijska oprema i mjerenja

Međunarodna normizacija
ISO

ISO 6578:2017
Refrigerated hydrocarbon liquids – Static measurement – Calculation procedure

77.040.10 Mehaničko ispitivanje metala

Europska normizacija
CEN

CWA 17157:2017
Engineering materials – Electronic data interchange – Formats for fatigue test data

Međunarodna normizacija
ISO

ISO 5754:2017
Sintered metal materials, excluding hardmetals – Unnotched impact test piece

ISO 6506-2:2017
Metallic materials – Brinell hardness test – Part 2: Verification and calibration of testing machines

ISO 16630:2017
Metallic materials – Sheet and strip – Hole expanding test

77.040.20 Nerazorno ispitivanje metala

Europska normizacija CEN

- EN 12681-2:2017
Founding – Radiographic testing – Part 2: Techniques with digital detectors

77.060 Korozija metala

Međunarodna normizacija ISO

- ISO 12473:2017
General principles of cathodic protection in seawater

77.120.40 Nikal, krom i njihove legure

Međunarodna normizacija ISO

- ISO 6283:2017
Refined nickel
- ISO 7529:2017
Nickel alloys – Determination of chromium content – Potentiometric titration method with ammonium iron(II) sulfate

77.140.60 Čelične šipke i žice

Europska normizacija CEN

- EN 10263-1:2017
Steel rod, bars and wire for cold heading and cold extrusion – Part 1: General technical delivery conditions
- EN 10263-2:2017
Steel rod, bars and wire for cold heading and cold extrusion – Part 2: Technical delivery conditions for steels not intended for heat treatment after cold working
- EN 10263-3:2017
Steel rod, bars and wire for cold heading and cold extrusion – Part 3: Technical delivery conditions for case hardening steels

77.140.65 Čelična žica, čelična užad i lanci

Europska normizacija CEN

- EN 10263-1:2017
Steel rod, bars and wire for cold heading and cold extrusion – Part 1: General technical delivery conditions
- EN 10263-2:2017
Steel rod, bars and wire for cold heading and cold extrusion – Part 2: Technical delivery conditions for steels not intended for heat treatment after cold working
- EN 10263-3:2017
Steel rod, bars and wire for cold heading and cold extrusion – Part 3: Technical delivery conditions for case hardening steels

Međunarodna normizacija ISO

- ISO 3108:2017
Steel wire ropes – Test method – Determination of measured breaking force

77.160 Metalurgija praha

Međunarodna normizacija ISO

- ISO 4492:2017
Metallic powders, excluding powders for hardmetals – Determination of dimensional changes associated with compacting and sintering
- ISO 5754:2017
Sintered metal materials, excluding hardmetals – Unnotched impact test piece

79.040 Drvo, trupci i piljena građa

Europska normizacija CEN

- EN 14298:2017
Sawn timber – Assessment of drying quality

Međunarodna normizacija ISO

- ISO 13061-11:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 11: Determination of resistance to impact indentation
- ISO 13061-12:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 12: Determination of static hardness
- ISO 13061-17:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 17: Determination of ultimate stress in compression parallel to grain

79.080 Drveni poluproizvodi

Europska normizacija CEN

- EN 15534-1:2014+A1:2017
Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) – Part 1: Test methods for characterisation of compounds and products
- EN 15534-6:2015+A1:2017
Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) – Part 6: Specifications for fencing profiles and elements

79.100 Pluto i proizvodi od pluta

Međunarodna normizacija ISO

- ISO 4709:2017
Composition cork – Gasket material – Classification system, requirements, sampling, packaging and marking

79.120.10 Strojevi za obradu drva

Europska normizacija CEN

- EN 847-1:2017
Tools for woodworking – Safety requirements – Part 1: Milling tools, circular saw blades
- EN 847-2:2017
Tools for woodworking – Safety requirements – Part 2: Requirements for the shank of shank mounted milling tools/ circular saw blades
- EN 1870-6:2017
Safety of woodworking machines – Circular sawing machines – Part 6: Circular sawing machines for fire wood

81.040.20 Staklo u graditeljstvu

Međunarodna normizacija ISO

- ISO 18543:2017
Glass in building – Electrochromic glazings – Accelerated ageing test and requirements

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

- ISO 19634:2017
Fine ceramics (advanced ceramics, advanced technical ceramics) – Ceramic composites – Notations and symbols
- ISO 26602:2017
Fine ceramics (advanced ceramics, advanced technical ceramics) – Silicon nitride materials for rolling bearing balls and rollers

83.060 Guma

Međunarodna normizacija ISO

- ISO 7743:2017
Rubber, vulcanized or thermoplastic – Determination of compression stress-strain properties

83.080.01 Plastika općenito

Europska normizacija CEN

- EN 15534-1:2014+A1:2017
Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) – Part 1: Test methods for characterisation of compounds and products

Međunarodna normizacija ISO

- ISO 899-1:2017
Plastics – Determination of creep behaviour – Part 1: Tensile creep
- ISO 22007-1:2017
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 1: General principles

83.080.20 Plastomerni materijali

Međunarodna normizacija ISO

- ISO 10350-1:2017
Plastics – Acquisition and presentation of comparable single-point data – Part 1: Moulding materials

83.140.40 Crijeva

Međunarodna normizacija ISO

- ISO 11237:2017
Rubber hoses and hose assemblies – Compact wire-braid-reinforced hydraulic types for oil-based or water-based fluids – Specification
- ISO 16301:2017
Rubber and plastics hoses and hose assemblies, wire- or textile-reinforced, for manually operated hydraulic jacks – Specification

83.140.99 Ostali gumeni i plastični proizvodi

Europska normizacija CEN

- EN 15534-1:2014+A1:2017
Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) – Part 1: Test methods for characterisation of compounds and products
- EN 15534-6:2015+A1:2017
Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) – Part 6: Specifications for fencing profiles and elements

Međunarodna normizacija ISO

- ISO 20057:2017
Rubber household gloves – General requirements and test methods

83.160.30 Gume za poljoprivredne i ostale strojeve

Međunarodna normizacija ISO

- ISO 18804:2017
Rims for agricultural, forestry and construction machines

83.180 Adhezivi

Europska normizacija CEN

- EN 301:2017
Adhesives, phenolic and aminoplastic, for load-bearing timber structures – Classification and performance requirements

85.060 Papir i karton

Međunarodna normizacija ISO

- ISO 2528:2017
Sheet materials – Determination of water vapour transmission rate (WVTR) – Gravimetric (dish) method

87.060.30 Otapala

Europska normizacija CEN

- EN 16766:2017
Bio-based solvents – Requirements and test methods

87.080 Tinte. Tiskarske tinte

Međunarodna normizacija ISO

- ISO 12634:2017
Graphic technology – Determination of tack of paste inks and vehicles by a rotary tackmeter

91.040.01 Građevine općenito

Europska normizacija CEN

- EN 15643-5:2017
Sustainability of construction works – Sustainability assessment of buildings and civil engineering works – Part 5: Framework on specific principles and requirement for civil engineering works

91.040.10 Javne građevine

Međunarodna normizacija ISO

ISO 20108:2017
Simultaneous interpreting – Quality and transmission of sound and image input – Requirements

91.060.50 Vrata i prozori

Međunarodna normizacija IEC

IEC 60335-2-103:2015/Amd1:2017
Amendment 1 – Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows

IEC 60335-2-103:2015+Amd1:2017
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows

91.090 Vanjske konstrukcije

Međunarodna normizacija IEC

IEC 60335-2-95:2011/Amd2:2017
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

IEC 60335-2-95:2011+Amd1:2015+Amd2:2017
Household and similar electrical appliances – Safety – Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

91.100.01 Građevni materijali općenito

Europska normizacija CEN

CEN/TR 17113:2017
Construction products – Assessment of release of dangerous substances – Radiation from construction products – Dose assessment of emitted gamma radiation

91.100.15 Mineralni materijali i proizvodi

Europska normizacija CEN

EN 12440:2017
Natural stone – Denomination criteria

91.100.30 Beton i betonski proizvodi

Međunarodna normizacija ISO

ISO 19596:2017
Admixtures for concrete

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija CEN

EN 13588:2017
Bitumen and bituminous binders – Determination of cohesion of bituminous binders with pendulum test

Međunarodna normizacija ISO

ISO 8394-2:2017
Buildings and civil engineering works – Determination of extrudability for sealant – Part 2: Using standardized apparatus

91.120.20 Akustika u zgradama. Zvučna izolacija

Međunarodna normizacija ISO

ISO 16283-1 AMD 1:2017
Acoustics – Field measurement of sound insulation in buildings and of building elements – Part 1: Airborne sound insulation; Amendment 1

91.140.10 Sustavi centralnoga grijanja

Europska normizacija CEN

EN 304:2017
Heating boilers – Test code for heating boilers for atomizing oil burners

EN 15316-4-2:2017/AC:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-2: Space heating generation systems, heat pump systems, Module M3-8-2, M8-8-2

91.140.30 Sustavi prozračivanja i klimatizacije

Međunarodna normizacija ISO

ISO 29463-1:2017
High efficiency filters and filter media for removing particles from air – Part 1: Classification, performance, testing and marking

91.140.60 Sustavi opskrbe vodom

Međunarodna normizacija ISO

ISO 10639:2017
Plastics piping systems for pressure and non-pressure water supply – Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin

91.160.01 Rasvjeta općenito

Međunarodna normizacija IEC

IEC/TR 61547-1:2017
Equipment for general lighting purposes – EMC immunity requirements – Part 1: An objective light flickermeter and voltage fluctuation immunity test method

91.190 Građevni pribor

Europska normizacija CEN

EN 13126-8:2017
Building hardware – Hardware for windows and door height windows – Part 8: Requirements and test methods for Tilt and Turn, Tilt-First and Turn-Only hardware

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Međunarodna normizacija ISO

ISO 22476-10:2017
Geotechnical investigation and testing – Field testing – Part 10: Weight sounding test

93.025 Vanjski vodovodni sustavi

Međunarodna normizacija ISO

- ISO 10639:2017
Plastics piping systems for pressure and non-pressure water supply – Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin

93.080.20 Materijali za gradnju cesta

Europska normizacija CEN

- EN 13108-4:2016/AC:2017
Bituminous mixtures – Material specifications – Part 4: Hot Rolled Asphalt
- EN 13588:2017
Bitumen and bituminous binders – Determination of cohesion of bituminous binders with pendulum test

97.030 Kućanski električni uređaji općenito

Europska normizacija CENELEC

- EN 60335-1:2012/A13:2017
Household and similar electrical appliances – Safety – Part 1: General requirements

Međunarodna normizacija IEC

- IEC 60335-2-81:2015/AMD1:2017
Amendment 1 – Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats
- IEC 60335-2-81:2015+AMD1:2017
Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija IEC

- IEC 60335-2-12:2002/Amd2:2017
Amendment 1 – Household and similar electrical appliances – Safety – Part 2-12: Particular requirements for warming plates and similar appliances
- IEC 60335-2-12:2002+Amd1:2008+Amd2:2017
Household and similar electrical appliances – Safety – Part 2-12: Particular requirements for warming plates and similar appliances

97.060 Praonički uređaji

Međunarodna normizacija IEC

- IEC 60335-2-43:2017
Household and similar electrical appliances – Safety – Part 2-43: Particular requirements for clothes dryers and towel rails

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija CENELEC

- EN 62820-1-2:2017
Building intercom system – Part 1-2: System requirements – Building intercom systems using the internet protocol (IP) (IEC 62820-1-2:2017)

Međunarodna normizacija IEC

- IEC 60730-2-13:2017
Automatic electrical controls – Part 2-13: Particular requirements for humidity sensing controls

97.170 Oprema za njegu tijela

Međunarodna normizacija IEC

- IEC 60335-2-52:2002/Amd2:2017
Amendment 1 – Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances
- IEC 60335-2-52:2002+Amd1:2008+Amd2:2017
Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances

97.200.99 Ostala oprema za zabavu

Međunarodna normizacija IEC

- IEC 60335-2-82:2017
Household and similar electrical appliances – Safety – Part 2-82: Particular requirements for amusement machines and personal service machines

97.220.30 Oprema za sportske dvorane

Međunarodna normizacija ISO

- ISO 20957-8:2017
Stationary training equipment – Part 8: Steppers, stairclimbers and climbers – Additional specific safety requirements and test methods
- ISO 20957-10:2017
Stationary training equipment – Part 10: Exercise bicycles with a fixed wheel or without freewheel – Additional specific safety requirements and test methods

97.220.40 Oprema za sportove na otvorenom i sportove na vodi

Europska normizacija CEN

- EN 16869:2017
Design/construction of Via Ferratas