

Hrvatski zavod za norme

Oglasnik za normativne dokumente

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Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrtu hrvatskih norma, prijedloga za prihvaćanje stranih norma u izvorniku, povučene hrvatske norme, povučene nacrtu hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije 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 8, *Brodogradnja*

HRN EN ISO 8665:2017 en pr
Mala plovila – Brodski porivni klipni motori s unutarnjim izgaranjem – Mjerenja snage i deklariranje (ISO 8665:2006; EN ISO 8665:2017)
Small craft – Marine propulsion reciprocating internal combustion engines – Power measurements and declarations (ISO 8665:2006; EN ISO 8665:2017)

HRN EN ISO 8847:2017 en pr
Mala plovila – Kormilarski uređaj – Sustavi užadi i užnica (ISO 8847:2004; EN ISO 8847:2017)
Small craft – Steering gear – Cable and pulley systems (ISO 8847:2004; EN ISO 8847:2017)

HRN EN ISO 9097:2017 en pr
Mala plovila – Električni ventilatori (ISO 9097:1991; EN ISO 9097:2017)
Small craft – Electric fans (ISO 9097:1991; EN ISO 9097:2017)

HRN EN ISO 10088:2017 en pr
Mala plovila – Trajno ugrađeni sustavi goriva (ISO 10088:2013; EN ISO 10088:2017)
Small craft – Permanently installed fuel systems (ISO 10088:2013; EN ISO 10088:2017)

HRN EN ISO 10133:2017 en pr
Mala plovila – Električni sustavi – Instalacije za iznimno mali istosmjerni napon (ISO 10133:2012; EN ISO 10133:2017)
Small craft – Electrical systems – Extra-low-voltage d.c. installations (ISO 10133:2012; EN ISO 10133:2017)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN ISO 8216-1:2017 en pr
Naftni proizvodi – Razredba goriva (razred F) – 1. dio: Kategorije brodskih goriva (ISO 8216-1:2017)
Petroleum products – Fuels (class F) classification – Part 1: Categories of marine fuels (ISO 8216-1:2017)

HRN ISO 8216-99:2017 en pr
Naftni proizvodi – Goriva (razred F) – Klasifikacija – 99. dio: Općenito (ISO 8216-99:2002)
Petroleum products – Fuels (class F) – Classification – Part 99: General (ISO 8216-99:2002)

HRN ISO 8217:2017 en pr
Naftni proizvodi – Goriva (razred F) – Specifikacije brodskih goriva (ISO 8217:2017)
Petroleum products – Fuels (class F) – Specifications of marine fuels (ISO 8217:2017)

HRN EN 15470:2017 en pr
Ukapljeni naftni plin – Određivanje količine otopljenih nečistoća – Metoda visokotemperaturne plinske kromatografije (EN 15470:2017)
Liquefied petroleum gases – Determination of dissolved residues – High temperature Gas chromatographic method (EN 15470:2017)

HRN EN 15471:2017 en pr
Ukapljeni naftni plin – Određivanje količine otopljenih nečistoća – Metoda visokotemperaturne gravimetrije (EN 15471:2017)
Liquefied petroleum gases – Determination of dissolved residues – High-temperature gravimetric method (EN 15471:2017)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN ISO 6658:2017 en pr
Senzorske analize – Metodologija – Opće upute (ISO 6658:2017)
Sensory analysis – Methodology – General guidance (ISO 6658:2017)

HRN ISO 8588:2017 en pr
Senzorske analize – Metodologija “A” - “ne A” test (ISO 8588:2017)
Sensory analysis – Methodology – “A” - “not A” test (ISO 8588:2017)

HZN/TO 43, *Akustika*

HRN ISO 1996-2:2017 en pr
Akustika – Opis, mjerenje i ocjenjivanje buke okoliša – 2. dio: Određivanje razina buke okoliša (ISO 1996-2:2017)
Acoustics – Description, measurement and assessment of environmental noise – Part 2: Determination of environmental noise levels (ISO 1996-2:2017)

HRN EN 15657:2017 en pr
Akustička svojstva građevnih dijelova zgrade i zgrada – Laboratorijsko mjerenje strukturnog zvuka od servisne opreme zgrade za sve uvjete ugradnje (EN 15657:2017)
Acoustic properties of building elements and of buildings – Laboratory measurement of structure-borne sound from building service equipment for all installation conditions (EN 15657:2017)

HZN/TO 89, *Furniri i drvene ploče*

HRN EN 14354:2017 en pr
Ploče na osnovi drva – Podne obloge obložene furnirom (EN 14354:2017)
Wood-based panels – Wood veneer floor coverings (EN 14354:2017)

HZN/TO 126, *Duhan i duhanski proizvodi*

HRN ISO 13276:2017 en pr
Duhan i duhanski proizvodi – Određivanje čistoće nikotina – Gravimetrijska metoda uporabom silikovolframove kiseline (ISO 13276:2017)
Tobacco and tobacco products – Determination of nicotine purity – Gravimetric method using tungstosilicic acid (ISO 13276:2017)

HZN/TO 130, *Grafička tehnologija*

HRN ISO 2834-3:2017 en pr
Grafička tehnologija – Laboratorijska priprema probnih otisaka – 3. dio: Sitotiskarske boje (ISO 2834-3:2008)
Graphic technology – Laboratory preparation of test prints – Part 3: Screen printing inks (ISO 2834-3:2008)

HRS ISO/TS 10128:2017 en pr
Grafička tehnologija – Metode podešavanja kolorne reprodukcije tiskarskog sustava i njegovo podudaranje s postavljenim podacima za karakterizaciju (ISO/TS 10128:2009)
Graphic technology – Methods of adjustment of the colour reproduction of a printing system to match a set of characterization data (ISO/TS 10128:2009)

HRN ISO 12632:2017 en pr
Grafička tehnologija – Bojilo, papir i etikete – Zahtjevi za penetraciju tople lužine i otpornost na lužinu (ISO 12632:2015)
Graphic technology – Ink, paper and labels – Requirements on hot alkali penetration and resistance (ISO 12632:2015)

HRN ISO 12637-2:2017 en pr
Grafička tehnologija – Terminološki rječnik – 2. dio: Nazivi u grafičkoj pripremi (ISO 12637-2:2008)
Graphic technology – Vocabulary – Part 2: Prepress terms (ISO 12637-2:2008)

HRN ISO 12637-4:2017 en pr
Grafička tehnologija – Terminološki rječnik – 4. dio: Nazivi u grafičkoj doradi (ISO 12637-4:2008)
Graphic technology – Vocabulary – Part 4: Postpress terms (ISO 12637-4:2008)

HRN ISO 12640-3:2017 en pr
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – 3. dio: CIELAB standardni podaci za kolornu sliku (CIELAB/SCID) (ISO 12640-3:2007)
Graphic technology – Prepress digital data exchange – Part 3: CIELAB standard colour image data (CIELAB/SCID) (ISO 12640-3:2007)

- HRN ISO 12640-4:2017 en pr
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – 4. dio: Prikazivanje veličine gamuta određenog standardnim podacima za kolornu sliku [Adobe RGB (1998)/SCID] (ISO 12640-4:2011)
Graphic technology – Prepress digital data exchange – Part 4: Wide gamut display-referred standard colour image data [Adobe RGB (1998)/SCID] (ISO 12640-4:2011)
- HRN ISO 12640-5:2017 en pr
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – 5. dio: Standardni podaci za kolornu sliku određeni motivom (RIMM/SCID) (ISO 12640-5:2013)
Graphic technology – Prepress digital data exchange – Part 5: Scene-referred standard colour image data (RIMM/SCID) (ISO 12640-5:2013)
- HRN ISO 12641-1:2017 en pr
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – Kolorna testna polja za ulaznu kalibraciju skenera – 1. dio: Kolorna testna polja za ulaznu kalibraciju skenera (ISO 12641-1:2016)
Graphic technology – Prepress digital data exchange – Colour targets for input scanner calibration – Part 1: Colour targets for input scanner calibration (ISO 12641-1:2016)
- HRN ISO 12643-5:2017 en pr
Grafička tehnologija – Sigurnosni zahtjevi za grafičku opremu i sustave – 5. dio: Samostalni zaklopni strojevi (ISO 12643-5:2010)
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 5: Stand-alone platen presses (ISO 12643-5:2010)
- HRN ISO 12647-7:2017 en pr
Grafička tehnologija – Kontrola postupaka za proizvodnju rasterskih izvadaka, probnog i proizvodnog otiska – 7. dio: Probno otiskivanje direktno iz digitaliziranih podataka (ISO 12647-7:2016)
Graphic technology – Process control for the production of halftone colour separations, proof and production prints – Part 7: Proofing processes working directly from digital data (ISO 12647-7:2016)
- HRN ISO 12647-8:2017 en pr
Grafička tehnologija – Kontrola postupaka za proizvodnju rasterskih izvadaka, probnog i proizvodnog otiska – 8. dio: Provjera tiskarskog procesa nastalog direktno iz digitaliziranih podataka (ISO 12647-8:2012)
Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 8: Validation print processes working directly from digital data (ISO 12647-8:2012)
- HRI ISO/TR 12705:2017 en pr
Grafička tehnologija – Metoda laboratorijskog ispitivanja za određivanje efekta kemijskih iskrivljenih slika ('duhova') u litografskom ofsetu (ISO/TR 12705:2011)
Graphic technology – Laboratory test method for chemical ghosting in lithography (ISO/TR 12705:2011)
- HRN ISO 14298:2017 en pr
Grafička tehnologija – Upravljanje procesima zaštitnog tiska (ISO 14298:2013)
Graphic technology – Management of security printing processes (ISO 14298:2013)
- HRN ISO 14861:2017 en pr
Grafička tehnologija – Zahtjevi sustava za višebojno probno otiskivanje (soft proof) (ISO 14861:2015)
Graphic technology – Requirements for colour soft proofing systems (ISO 14861:2015)
- HRN ISO 15076-1:2017 en pr
Tehnologija kolornog upravljanja slike – Ustroj, format profila i struktura podataka – 1. dio: Na temelju ICC.1:2010 (ISO 15076-1:2010)
Image technology colour management – Architecture, profile format and data structure – Part 1: Based on ICC.1:2010 (ISO 15076-1:2010)
- HRS ISO/PAS 15339-1:2017 en pr
Grafička tehnologija – Otiskivanje iz digitaliziranih podataka posredstvom raznih tehnologija – 1. dio: Načela (ISO/PAS 15339-1:2015)
Graphic technology – Printing from digital data across multiple technologies – Part 1: Principles (ISO/PAS 15339-1:2015)
- HRS ISO/PAS 15339-2:2017 en pr
Grafička tehnologija – Otiskivanje iz digitaliziranih podataka posredstvom raznih tehnologija – 2. dio: Podaci za karakterizaciju referentnih tiskarskih uvjeta, CRPC1-CRPC7 (ISO/PAS 15339-2:2015)
Graphic technology – Printing from digital data across multiple technologies – Part 2: Characterized reference printing conditions, CRPC1-CRPC7 (ISO/PAS 15339-2:2015)
- HRN ISO 15341:2017 en pr
Grafička tehnologija – Metoda određivanja polumjera tiskovnog cilindra (ISO 15341:2014)
Graphic technology – Method for radius determination of printing cylinders (ISO 15341:2014)
- HRN ISO 15397:2017 en pr
Grafička tehnologija – Navođenje svojstava grafičkih papira (ISO 15397:2014)
Graphic technology – Communication of graphic paper properties (ISO 15397:2014)
- HRI ISO/TR 15847:2017 en pr
Grafička tehnologija – Grafički simboli na tiskarskim i doradnim strojevima (sustavima), uključujući odgovarajuću pomoćnu opremu (ISO/TR 15847:2008)
Graphic technology – Graphical symbols for printing press systems and finishing systems, including related auxiliary equipment (ISO/TR 15847:2008)
- HRN ISO 15930-7:2017 en pr
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi pomoću PDF-a – 7. dio: Potpuna razmjena tiskarskih podataka (PDF/X-4) i djelomična razmjena digitalnih podataka s vanjskim podacima profila (PDF/X-4p) pomoću PDF 1.6 (ISO 15930-7:2010)
Graphic technology – Prepress digital data exchange using PDF – Part 7: Complete exchange of printing data (PDF/X-4) and partial exchange of printing data with external profile reference (PDF/X-4p) using PDF 1.6 (ISO 15930-7:2010)
- HRN ISO 15930-8:2017 en pr
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi pomoću PDF-a – 8. dio: Djelomična razmjena digitalnih podataka pomoću PDF 1.6 (PDF/X-5) (ISO 15930-8:2010+Cor 1:2011)
Graphic technology – Prepress digital data exchange using PDF – Part 8: Partial exchange of printing data using PDF 1.6 (PDF/X-5) (ISO 15930-8:2010+Cor 1:2011)
- HRN ISO 16612-2:2017 en pr
Grafička tehnologija – Razmjena promjenljivih podataka digitalnog tiska – 2. dio: Korištenje PDF/X-4 i PDF/X-5 (PDF/VT-1 i PDF/VT-2) (ISO 16612-2:2010)
Graphic technology – Variable data exchange – Part 2: Using PDF/X-4 and PDF/X-5 (PDF/VT-1 and PDF/VT-2) (ISO 16612-2:2010)
- HRN ISO 16684-1:2017 en pr
Grafička tehnologija – Specifikacija proširive platforme metapodataka (XMP) – 1. dio: Model podataka, serijalizacija i temeljna svojstva (ISO 16684-1:2012)
Graphic technology – Extensible metadata platform (XMP) specification – Part 1: Data model, serialization and core properties (ISO 16684-1:2012)
- HRN ISO 16684-2:2017 en pr
Grafička tehnologija – Specifikacija proširive platforme metapodataka (XMP) – 2. dio: Opis XMP shema pomoću RELAX NG (ISO 16684-2:2014)
Graphic technology – Extensible metadata platform (XMP) – Part 2: Description of XMP schemas using RELAX NG (ISO 16684-2:2014)
- HRN ISO 16759:2017 en pr
Grafička tehnologija – Kvantifikacija i komunikacija pri izračunavanju emisije stakleničkih plinova (ugljični otisak) za proizvode tiskanih medija (ISO 16759:2013)
Graphic technology – Quantification and communication for calculating the carbon footprint of print media products (ISO 16759:2013)
- HRN ISO 16760:2017 en pr
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – Priprema i vizualizacija RGB slika koje se upotrebljavaju u radnim tokovima (workflow) grafičkih ilustracija temeljenim na RGB-u (ISO 16760:2014)
Graphic technology – Prepress data exchange – Preparation and visualization of RGB images to be used in RGB-based graphics arts workflows (ISO 16760:2014)

HRN ISO 16762:2017 en pr
Grafička tehnologija – Grafička dorada – Opći zahtjevi za prijenos, rukovanje i skladištenje (ISO 16762:2016)
Graphic technology – Post-press – General requirements for transfer, handling and storage (ISO 16762:2016)

HRN ISO 16763:2017 en pr
Grafička tehnologija – Grafička dorada – Zahtjevi za uvezane proizvode (ISO 16763:2016)
Graphic technology – Post-press – Requirements for bound products (ISO 16763:2016)

HRN ISO 17972-1:2017 en pr
Grafička tehnologija – Format razmjene kolornih podataka – 1. dio: Odnos prema CxF3 (CxF/X) (ISO 17972-1:2015)
Graphic technology – Colour data exchange format – Part 1: Relationship to CxF3 (CxF/X) (ISO 17972-1:2015)

HRN ISO 17972-2:2017 en pr
Grafička tehnologija – Format razmjene kolornih podataka (CxF/X) – 2. dio: Ciljani podaci za skener (CxF/X-2) (ISO 17972-2:2016)
Graphic technology – Colour data exchange format (CxF/X) – Part 2: Scanner target data (CxF/X-2) (ISO 17972-2:2016)

HRN ISO 18619:2017 en pr
Tehnologija kolornog upravljanja slike – Kompenzacija akromatske točke (Black point) (ISO 18619:2015)
Image technology colour management – Black point compensation (ISO 18619:2015)

HRN ISO 18620:2017 en pr
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – Razmjena krivulja za podešavanje tonova (ISO 18620:2016)
Graphic technology – Prepress data exchange – Tone adjustment curves exchange (ISO 18620:2016)

HRN ISO/TR 19300:2017 en pr
Grafička tehnologija – Smjernice za upotrebu norma za proizvodnju tiskanih medija (ISO/TR 19300:2015)
Graphic technology – Guidelines for the use of standards for print media production (ISO/TR 19300:2015)

HRN ISO 19445:2017 en pr
Grafička tehnologija – Metapodaci za radne tokove (workflow) grafičkih ilustracija – XMP metapodaci za slike i probne otiske dokumenata (ISO 19445:2016)
Graphic technology – Metadata for graphic arts workflow – XMP metadata for image and document proofing (ISO 19445:2016)

HRN ISO 19594:2017 en pr
Grafička tehnologija – Metoda ispitivanja za određivanje čvrstoće mekog uveza – Ispitivanje povlačenjem stranice prema gore (ISO 19594:2017)
Graphic technology – Test method for the determination of the binding strength for perfect-bound products – Page-pull test working upwards (ISO 19594:2017)

HRN ISO 28178:2017 en pr
Grafička tehnologija – Format razmjene kontrolnih podataka boja i procesa korištenjem XML ili ASCII teksta (ISO 28178:2009)
Graphic technology – Exchange format for colour and process control data using XML or ASCII text (ISO 28178:2009)

HZN/TO 135, Nerazorna ispitivanja

HRN EN 1330-9:2017 en pr
Nerazorno ispitivanje – Nazivlje – 9. dio: Nazivi koji se upotrebljavaju pri ispitivanju akustičkom emisijom (EN 1330-9:2017)
Non-destructive testing – Terminology – Part 9: Terms used in acoustic emission testing (EN 1330-9:2017)

HZN/TO 136, Namještaj

HRN EN 14988:2017 en pr
Dječje visoke stolice – Zahtjevi i metode ispitivanja (EN 14988:2017)
Children's high chairs – Requirements and test methods (EN 14988:2017)

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

HRN EN 1453-1:2017/Ispr.1:2017 en pr
Plastični cijevni sustavi s cijevima sa strukturiranom stijenkom za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar zgrada – Neomekšani poli(vinil-klorid) (PVC-U) – 1. dio: Specifikacije za cijevi i sustav (EN 1453-1:2017/AC:2017)
Plastics piping systems with structured-wall pipes for soil and waste discharge (low and high temperature) inside buildings – Unplasticized poly(vinyl chloride) (PVC-U) – Part 1: Specifications for pipes and the system (EN 1453-1:2017/AC:2017)

HZN/TO 147, Kvaliteta vode

HRN EN ISO 20227:2017 en pr
Kvaliteta vode – Određivanje učinaka otpadnih voda, prirodnih voda i kemikalija na inhibiciju rasta višekorijske barske leće Spirodela polyrhiza – Metoda s uporabom mikrobiotesta neovisnog o ishodišnoj kulturi (ISO 20227:2017; EN ISO 20227:2017)
Water quality – Determination of the growth inhibition effects of waste waters, natural waters and chemicals on the duckweed Spirodela polyrhiza – Method using a stock culture independent microbiotest (ISO 20227:2017; EN ISO 20227:2017)

HZN/TO 163, Toplinska izolacija

HRN EN ISO 6946:2017 en pr
Građevni dijelovi i građevni elementi – Toplinski otpor i koeficijent prolaska topline – Metode proračuna (ISO 6946:2017; EN ISO 6946:2017)
Building components and building elements – Thermal resistance and thermal transmittance – Calculation methods (ISO 6946:2017; EN ISO 6946:2017)

HRN EN ISO 10077-1:2017 en pr
Toplinska svojstva prozora, vrata i zaslona – Proračun koeficijenta prolaska topline – 1. dio: Općenito (ISO 10077-1:2017; EN ISO 10077-1:2017)
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 1: General (ISO 10077-1:2017; EN ISO 10077-1:2017)

HRN EN ISO 10077-2:2017 en pr
Toplinska svojstva prozora, vrata i zaslona – Proračun koeficijenta prolaska topline – 2. dio: Numerička metoda za okvire (ISO 10077-2:2017; EN ISO 10077-2:2017)
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 2: Numerical method for frames (ISO 10077-2:2017; EN ISO 10077-2:2017)

HRN EN ISO 10211:2017 en pr
Toplinski mostovi u zgradarstvu – Toplinski tokovi i površinske temperature – Detaljni proračuni (ISO 10211:2017; EN ISO 10211:2017)
Thermal bridges in building construction – Heat flows and surface temperatures – Detailed calculations (ISO 10211:2017; EN ISO 10211:2017)

HRN EN ISO 12631:2017 en pr
Toplinska svojstva ovisne fasade – Proračun koeficijenta prolaska topline (ISO 12631:2017; EN ISO 12631:2017)
Thermal performance of curtain walling – Calculation of thermal transmittance (ISO 12631:2017; EN ISO 12631:2017)

HRN EN ISO 13370:2017 en pr
Toplinske značajke zgrada – Prijenos topline preko tla – Metode proračuna (ISO 13370:2017; EN ISO 13370:2017)
Thermal performance of buildings – Heat transfer via the ground – Calculation methods (ISO 13370:2017; EN ISO 13370:2017)

HRN EN ISO 13786:2017 en pr
Toplinske značajke građevnih dijelova zgrade – Dinamičke toplinske značajke – Metode proračuna (ISO 13786:2017; EN ISO 13786:2017)
Thermal performance of building components – Dynamic thermal characteristics – Calculation methods (ISO 13786:2017; EN ISO 13786:2017)

HRN EN ISO 13789:2017 en pr
Toplinske značajke zgrada – Koeficijenti prijelaza topline transmisijom i ventilacijom – Metoda proračuna (ISO 13789:2017; EN ISO 13789:2017)
Thermal performance of buildings – Transmission and ventilation heat transfer coefficients – Calculation method (ISO 13789:2017; EN ISO 13789:2017)

- HRN EN ISO 14683:2017 en pr
Toplinski mostovi u zgradarstvu – Linearni koeficijent prolaska topline – Pojednostavnjene metode i zadane utvrđene vrijednosti (ISO 14683:2017; EN ISO 14683:2017)
Thermal bridges in building construction – Linear thermal transmittance – Simplified methods and default values (ISO 14683:2017; EN ISO 14683:2017)
- HRN EN ISO 52003-1:2017 en pr
Energijska svojstva zgrada – Pokazatelji, zahtjevi, ocjene i certifikati – 1. dio: Opća pitanja i primjena na ukupna energijska svojstva (ISO 52003-1:2017; EN ISO 52003-1:2017)
Energy performance of buildings – Indicators, requirements, ratings and certificates – Part 1: General aspects and application to the overall energy performance (ISO 52003-1:2017; EN ISO 52003-1:2017)
- HRI CEN ISO/TR 52003-2:2017 en pr
Energijska svojstva zgrada – Pokazatelji, zahtjevi, ocjene i certifikati – 2. dio: Objašnjenje i obrazloženje norme ISO 52003-1 (ISO/TR 52003-2:2017; CEN ISO/TR 52003-2:2017)
Energy performance of buildings – Indicators, requirements, ratings and certificates – Part 2: Explanation and justification of ISO 52003-1 (ISO/TR 52003-2:2017; CEN ISO/TR 52003-2:2017)
- HRN EN ISO 52010-1:2017 en pr
Energijska svojstva zgrada – Vanjski klimatski uvjeti – 1. dio: Pretvorba klimatskih podataka za energetske izračune (ISO 52010-1:2017; EN ISO 52010-1:2017)
Energy performance of buildings – External climatic conditions – Part 1: Conversion of climatic data for energy calculations (ISO 52010-1:2017; EN ISO 52010-1:2017)
- HRI CEN ISO/TR 52010-2:2017 en pr
Energijska svojstva zgrada – Vanjski klimatski uvjeti – 2. dio: Objašnjenje i obrazloženje norme ISO 52010-1 (ISO/TR 52010-2:2017; CEN ISO/TR 52010-2:2017)
Energy performance of buildings – External climatic conditions – Part 2: Explanation and justification of ISO 52010-1 (ISO/TR 52010-2:2017; CEN ISO/TR 52010-2:2017)
- HRN EN ISO 52016-1:2017 en pr
Energijska svojstva zgrada – Energija potrebna za grijanje i hlađenje, unutarnje temperature i osjetna i latentna toplinska opterećenja – 1. dio: Postupci proračuna (ISO 52016-1:2017; EN ISO 52016-1:2017)
Energy performance of buildings – Energy needs for heating and cooling; internal temperatures and sensible and latent heat loads – Part 1: Calculation procedures (ISO 52016-1:2017; EN ISO 52016-1:2017)
- HRI CEN ISO/TR 52016-2:2017 en pr
Energijska svojstva zgrada – Energija potrebna za grijanje i hlađenje, unutarnje temperature i osjetna i latentna toplinska opterećenja – 2. dio: Objašnjenje i obrazloženje norme ISO 52016-1 i ISO 52017-1 (ISO/TR 52016-2:2017; CEN ISO/TR 52016-2:2017)
Energy performance of buildings – Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads – Part 2: Explanation and justification of ISO 52016-1 and ISO 52017-1 (ISO/TR 52016-2:2017; CEN ISO/TR 52016-2:2017)
- HRN EN ISO 52017-1:2017 en pr
Energijska svojstva zgrada – Osjetna i latentna toplinska opterećenja i unutarnje temperature – 1. dio: Opći postupci proračuna (ISO 52017-1:2017; EN ISO 52017-1:2017)
Energy performance of buildings – Sensible and latent heat loads and internal temperatures – Part 1: Generic calculation procedures (ISO 52017-1:2017; EN ISO 52017-1:2017)
- HRN EN ISO 52018-1:2017 en pr
Energijska svojstva zgrada – Pokazatelji za djelomične zahtjeve za energijska svojstva zgrada (EPB) koji se odnose na ravnotežu toplinske energije i značajke materijala – 1. dio: Pregled mogućnosti (ISO 52018-1:2017; EN ISO 52018-1:2017)
Energy performance of buildings – Indicators for partial EPB requirements related to thermal energy balance and fabric features – Part 1: Overview of options (ISO 52018-1:2017; EN ISO 52018-1:2017)
- HRI CEN ISO/TR 52018-2:2017 en pr
Energijska svojstva zgrada – Pokazatelji za djelomične zahtjeve za energijska svojstva zgrada (EPB) koji se odnose na bilancu toplinske energije i značajke materijala – 2. dio: Objašnjenje i obrazloženje norme ISO 52018-1 (ISO/TR 52018-2:2017; CEN ISO/TR 52018-2:2017)
Energy performance of buildings – Indicators for partial EPB requirements related to thermal energy balance and fabric features – Part 2: Explanation and justification of ISO 52018-1 (ISO/TR 52018-2:2017; CEN ISO/TR 52018-2:2017)
- HRI CEN ISO/TR 52019-2:2017 en pr
Energijska svojstva zgrada – Značajke građevnih dijelova i građevnih elemenata s obzirom na toplinu i vlagu – 2. dio: Objašnjenje i obrazloženje (ISO/TR 52019-2:2017; CEN ISO/TR 52019-2:2017)
Energy performance of buildings – Hygrothermal performance of building components and building elements – Part 2: Explanation and justification (ISO/TR 52019-2:2017; CEN ISO/TR 52019-2:2017)
- HRN EN ISO 52022-1:2017 en pr
Energijska svojstva zgrada – Toplinska i sunčana svojstva te svojstva dnevnog svjetla građevnih dijelova i elemenata – 1. dio: Pojednostavljena metoda proračuna sunčanih značajki i značajka dnevnog svjetla naprava za zaštitu od sunca u kombinaciji s ostakljenjem (ISO 52022-1:2017; EN ISO 52022-1:2017)
Energy performance of buildings – Thermal, solar and daylight properties of building components and elements – Part 1: Simplified calculation method of the solar and daylight characteristics for solar protection devices combined with glazing (ISO 52022-1:2017; EN ISO 52022-1:2017)
- HRI CEN ISO/TR 52022-2:2017 en pr
Energijska svojstva zgrada – Toplinska i sunčana svojstva te svojstva dnevnog svjetla građevnih dijelova i elemenata – 2. dio: Objašnjenje i obrazloženje (ISO/TR 52022-2:2017; CEN ISO/TR 52022-2:2017)
Energy performance of buildings – Thermal, solar and daylight properties of building components and elements – Part 2: Explanation and justification (ISO/TR 52022-2:2017; CEN ISO/TR 52022-2:2017)
- HRN EN ISO 52022-3:2017 en pr
Energijska svojstva zgrada – Toplinska i sunčana svojstva te svojstva dnevnog svjetla građevnih dijelova i elemenata – 3. dio: Detaljna metoda proračuna sunčanih značajki i značajka dnevnog svjetla naprava za zaštitu od sunca u kombinaciji s ostakljenjem (ISO 52022-3:2017; EN ISO 52022-3:2017)
Energy performance of buildings – Thermal, solar and daylight properties of building components and elements – Part 3: Detailed calculation method of the solar and daylight characteristics for solar protection devices combined with glazing (ISO 52022-3:2017; EN ISO 52022-3:2017)
- HZN/TO 178, Dizala, pokretne stube i pokretne trake za osobe**
- HRN EN 115-1:2017 en pr
Sigurnost pokretnih stuba i pokretnih traka - 1. dio: Konstrukcija i ugradnja (EN 115-1:2017)
Safety of escalators and moving walks – Part 1: Construction and installation (EN 115-1:2017)
- HZN/TO 219, Podne obloge**
- HRN EN ISO 11378-2:2004/A1:2017 en pr
Tekstilne podne obloge – Laboratorijska ispitivanja sklonosti onečišćenju – 2. dio: Ispitivanje bubnjem (ISO 11378-2:2001/Amd 1:2017; EN ISO 11378-2:2001/A1:2017)
Textile floor coverings – Laboratory soiling tests – Part 2: Drum test (ISO 11378-2:2001/Amd 1:2017; EN ISO 11378-2:2001/A1:2017)
- HRN EN 13553:2017 en pr
Elastične podne obloge – Poli(vinil-kloridne) podne obloge za uporabu u izrazito mokrim prostorima – Specifikacija (EN 13553:2017)
Resilient floor coverings – Polyvinyl chloride floor coverings for use in special wet areas – Specification (EN 13553:2017)
- HRN EN 13845:2017 en pr
Elastične podne obloge – Poli(vinil-kloridne) podne obloge povećane otpornosti na klizanje korištenjem zrnaca – Specifikacija (EN 13845:2017)
Resilient floor coverings – Polyvinyl chloride floor coverings with particle based enhanced slip resistance – Specification (EN 13845:2017)

HZN/TO 502, Plinski uređaji

- HRN EN 14543:2017 en pr
Specifikacija za uređaje za ukapljeni naftni plin – Grijalice-suncobrani za dvorišta – Zračne grijalice bez priključka na dimnjak za uporabu na otvorenom prostoru ili u dovoljno provjetrenim prostorijama (EN 14543:2017)
Specification for dedicated liquefied petroleum gas appliances – Parasol patio heaters – Flueless radiant heaters for outdoor or amply ventilated area use (EN 14543:2017)

HZN/TO 503, Metalni materijali

- HRN EN ISO 377:2017 en pr
Čelik i čelični proizvodi – Položaj i priprema uzoraka i ispitnih uzoraka za mehanička ispitivanja (ISO 377:2017; EN ISO 377:2017)
Steel and steel products – Location and preparation of samples and test pieces for mechanical testing (ISO 377:2017; EN ISO 377:2017)
- HRN EN 10028-1:2017 en pr
Plosnati proizvodi od čelika za tlačne namjene – 1. dio: Opći zahtjevi (EN 10028-1:2017)
Flat products made of steels for pressure purposes – Part 1: General requirements (EN 10028-1:2017)
- HRN EN 10028-2:2017 en pr
Plosnati proizvodi od čelika za tlačne namjene – 2. dio: Nelegirani i legirani čelici s utvrđenim svojstvima pri povišenim temperaturama (EN 10028-2:2017)
Flat products made of steels for pressure purposes – Part 2: Non-alloy and alloy steels with specified elevated temperature properties (EN 10028-2:2017)
- HRN EN 10028-3:2017 en pr
Plosnati proizvodi od čelika za tlačne namjene – 3. dio: Zavarljivi sitnozrnati čelici, normalizacijski žareni (EN 10028-3:2017)
Flat products made of steels for pressure purposes – Part 3: Weldable fine grain steels, normalized (EN 10028-3:2017)
- HRN EN 10028-4:2017 en pr
Plosnati proizvodi od čelika za tlačne namjene – 4. dio: Čelici legirani niklom s utvrđenim svojstvima pri niskim temperaturama (EN 10028-4:2017)
Flat products made of steels for pressure purposes – Part 4: Nickel alloy steels with specified low temperature properties (EN 10028-4:2017)
- HRN EN 10028-5:2017 en pr
Plosnati proizvodi od čelika za tlačne namjene – 5. dio: Zavarljivi sitnozrnati čelici, termomehanički valjani (EN 10028-5:2017)
Flat products made of steels for pressure purposes – Part 5: Weldable fine grain steels, thermomechanically rolled (EN 10028-5:2017)
- HRN EN 10028-6:2017 en pr
Plosnati proizvodi od čelika za tlačne namjene – 6. dio: Zavarljivi sitnozrnati čelici, poboljšani (EN 10028-6:2017)
Flat products made of steels for pressure purposes – Part 6: Weldable fine grain steels, quenched and tempered (EN 10028-6:2017)
- HRN EN 10120:2017 en pr
Čelični limovi i trake za zavarene cilindre za plin (EN 10120:2017)
Steel sheet and strip for welded gas cylinders (EN 10120:2017)
- HRN EN 10247:2017 en pr
Mikrografsko ispitivanje sadržaja nemetalnih uključaka u čelicima pomoću normiranih slika (EN 10247:2017)
Micrographic examination of the non-metallic inclusion content of steels using standard pictures (EN 10247:2017)
- HRN EN ISO 21809-5:2017 en pr
Industrija nafte i zemnog plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u cjevovodnim transportnim sustavima – 5. dio: Vanjske betonske prevlake (ISO 21809-5:2017; EN ISO 21809-5:2017)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 5: External concrete coatings (ISO 21809-5:2017; EN ISO 21809-5:2017)

HZN/TO 513, Mjerne jedinice i mjerila

- HRN EN 1359:2017 en pr
Plinomjeri – Membranski plinomjeri (EN 1359:2017)
Gas meters – Diaphragm gas meters (EN 1359:2017)

- HRN ISO 1438:2017 en pr
Hidrometrija – Mjerenje protoka u otvorenim kanalima primjenom tankostjenih preljeva (ISO 1438:2017)
Hydrometry – Open channel flow measurement using thin-plate weirs (ISO 1438:2017)

- HRN ISO 4359:2014/A1:2017 en pr
Strukture za mjerenje protoka – Pravokutna, trapezoidna i U-oblikovana suženja toka (ISO 4359:2013/Amd 1:2017)
Flow measurement structures – Rectangular, trapezoidal and U-shaped flumes (ISO 4359:2013/Amd 1:2017)

HZN/TO 518, Podovi, stropovi i zidne obloge

- HRN EN 13915:2017 en pr
Predgotovljeni zidni paneli od gipsanih ploča s jezgrom iz kartonskog sača – Definicije, zahtjevi i metode ispitivanja (EN 13915:2017)
Prefabricated gypsum plasterboard panels with a cellular paperboard core – Definitions, requirements and test methods (EN 13915:2017)

- HRN EN 14209:2017 en pr
Predgotovljeni gipsani elementi – Definicije, zahtjevi i metode ispitivanja (EN 14209:2017)
Preformed plasterboard cornices – Definitions, requirements and test methods (EN 14209:2017)

- HRN EN 14353:2017 en pr
Pomoćni i dodatni metalni profili za uporabu s gipsanim pločama – Definicije, zahtjevi i metode ispitivanja (EN 14353:2017)
Metal beads and feature profiles for use with gypsum plasterboards – Definitions, requirements and test methods (EN 14353:2017)

- HRN EN 14496:2017 en pr
Ljepila na osnovi gipsa za toplinsko/zvučno izolacijske kompozitne panele i gipsane ploče – Definicije, zahtjevi i metode ispitivanja (EN 14496:2017)
Gypsum based adhesives for thermal/acoustic insulation composite panels and gypsum boards – Definitions, requirements and test methods (EN 14496:2017)

- HRN EN 15330-2:2017 en pr
Površine sportskih terena – Sintetičke travnate podloge i površine izrađene iglom prvenstveno dizajnirane za vanjsku uporabu – 2. dio: Specifikacija za površine izrađene iglom za tenis i višenamjensku uporabu u sportu (EN 15330-2:2017)
Surfaces for sports areas – Synthetic turf and needle-punched surfaces primarily designed for outdoor use – Part 2: Specification for needle-punched surfaces for tennis and multi-sport surfaces (EN 15330-2:2017)

HZN/TO 524, Inteligentni transportni sustavi

- HRS CEN ISO/TS 17574:2017 en pr
Elektronička naplata – Smjernice za izradu sigurnosnog profila (ISO/TS 17574:2017; CEN ISO/TS 17574:2017)
Electronic fee collection – Guidelines for security protection profiles (ISO/TS 17574:2017; CEN ISO/TS 17574:2017)

HZN/TO 528, Oprema za željeznice

- HRN EN 15663:2017 en pr
Željeznički sustav – Referentne mase vozila (EN 15663:2017)
Railway applications – Vehicle reference masses (EN 15663:2017)

- HRN EN 16432-1:2017 en pr
Željeznički sustav – Kolosiječni sustavi na čvrstoj podlozi – 1. dio: Opći zahtjevi (EN 16432-1:2017)
Railway applications – Ballastless track systems – Part 1: General requirements (EN 16432-1:2017)

HZN/TO 531, Plastika i guma

- HRN EN ISO 22007-4:2017 en pr
Plastika – Određivanje toplinske vodljivosti i toplinske difuzivnosti – 4. dio: Metoda laserskoga bljeska (ISO 22007-4:2017; EN ISO 22007-4:2017)
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 4: Laser flash method (ISO 22007-4:2017; EN ISO 22007-4:2017)

HZN/TO 533, Kolničke konstrukcije

HRS CEN/TS 12697-52:2017 en pr
Bitumenske mješavine – Metode ispitivanja – 52. dio: Kondicioniranje u svrhu oksidativnog starenja (CEN/TS 12697-52:2017)
Bituminous mixtures – Test methods – Part 52: Conditioning to address oxidative ageing (CEN/TS 12697-52:2017)

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

HRN EN 12831-1:2017 en pr
Energijska svojstva zgrada – Metoda proračuna projektnog toplinskog opterećenja – 1. dio: Toplinsko opterećenje prostora, Modul M3-3 (EN 12831-1:2017)
Energy performance of buildings – Method for calculation of the design heat load – Part 1: Space heating load, Module M3-3 (EN 12831-1:2017)

HRN EN 12831-3:2017 en pr
Energijska svojstva zgrada – Metoda proračuna projektnog toplinskog opterećenja – 3. dio: Toplinsko opterećenje za pripremu potrošne tople vode i utvrđivanje potreba, Moduli M82, M8-3 (EN 12831-3:2017)
Energy performance of buildings – Method for calculation of the design heat load – Part 3: Domestic hot water systems heat load and characterisation of needs, Module M8-2, M8-3 (EN 12831-3:2017)

HRN EN 16282-1:2017 en pr
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 1. dio: Opći zahtjevi uključujući metodu proračuna (EN 16282-1:2017)
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 1: General requirements including calculation method (EN 16282-1:2017)

HRN EN 16282-5:2017 en pr
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 5. dio: Zračni kanali, Projektiranje i dimenzioniranje (EN 16282-5:2017)
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 5: Air duct, Design and dimensioning (EN 16282-5:2017)

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

HRN EN 16282-8:2017 en pr
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 8. dio: Instalacije za tretiranje kuhinjskih para, Zahtjevi i ispitivanje (EN 16282-8:2017)
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 8: Installations for treatment of aerosol, Requirements and testing (EN 16282-8:2017)

HRN EN ISO 16484-5:2017 en pr
Sustavi automatizacije i upravljanja u zgradama (BACS) – 5. dio: Podatkovni komunikacijski protokol (ISO 16484-5:2017; EN ISO 16484-5:2017)
Building automation and control systems (BACS) – Part 5: Data communication protocol (ISO 16484-5:2017; EN ISO 16484-5:2017)

HRN EN ISO 52000-1:2017 en pr
Energijska svojstva zgrada – Sveobuhvatna procjena energijskih svojstava zgrada (EPB) – 1. dio: Opći okvir i postupci (ISO 52000-1:2017; EN ISO 52000-1:2017)
Energy performance of buildings – Overarching EPB assessment – Part 1: General framework and procedures (ISO 52000-1:2017; EN ISO 52000-1:2017)

HRI CEN ISO/TR 52000-2:2017 en pr
Energijska svojstva zgrada – Sveobuhvatna procjena energijskih svojstava zgrada (EPB) – 2. dio: Objašnjenje i obrazloženje norme ISO 52000-1 (ISO/TR 52000-2:2017; CEN ISO/TR 52000-2:2017)
Energy performance of buildings – Overarching EPB assessment – Part 2: Explanation and justification of ISO 52000-1 (ISO/TR 52000-2:2017; CEN ISO/TR 52000-2:2017)

HZN/TO 550, Opskrba vodom

HRN EN 816:2017 en pr
Sanitarne armature – Ventili s automatskim isključivanjem PN 10 (EN 816:2017)
Sanitary tapware – Automatic shut-off valves PN 10 (EN 816:2017)

HRN EN 1111:2017 en pr
Sanitarne armature – Termostatske miješalice (PN 10) – Opća tehnička specifikacija (EN 1111:2017)
Sanitary tapware – Thermostatic mixing valves (PN 10) – General technical specification (EN 1111:2017)

HRN EN 1287:2017 en pr
Sanitarne armature – Niskotlačne termostatske miješalice – Opća tehnička specifikacija (EN 1287:2017)
Sanitary tapware – Low pressure thermostatic mixing valves – General technical specification (EN 1287:2017)

HRN EN 12485:2017 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Kalcijev karbonat, vapno s visokim udjelom kalcija, polužareni dolomit, magnezijev oksid, kalcijev magnezijev karbonat i dolomitno vapno – Metode ispitivanja (EN 12485:2017)
Chemicals used for treatment of water intended for human consumption – Calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide, calcium magnesium carbonate and dolomitic lime – Test methods (EN 12485:2017)

HZN/TO 551, Gradnja

HRN EN 15651-4:2017/Ispr.1:2017 en pr
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 4. dio: Brtvila za pješačke staze (EN 15651-4:2017/AC:2017)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 4: Sealants for pedestrian walkways (EN 15651-4:2017/AC:2017)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 11137-3:2017 en pr
Sterilizacija proizvoda za zdravstvenu skrb – Zračenje – 3. dio: Vodič dozimetrijskih uvjeta razvoja, vrednovanja i rutinske kontrole (ISO 11137-3:2017; EN ISO 11137-3:2017)
Sterilization of health care products – Radiation – Part 3: Guidance on dosimetric aspects of development, validation and routine control (ISO 11137-3:2017; EN ISO 11137-3:2017)

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

HRN EN ISO 10272-1:2017 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti i određivanje broja *Campylobacter* spp. – 1. dio: Dokazivanje prisutnosti (ISO 10272-1:2017; EN ISO 10272-1:2017)
Microbiology of the food chain – Horizontal method for detection and enumeration of *Campylobacter* spp. – Part 1: Detection method (ISO 10272-1:2017; EN ISO 10272-1:2017)

HRN EN ISO 10272-2:2017 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti i određivanje broja *Campylobacter* spp. – 2. dio: Postupak određivanja broja kolonija (ISO 10272-2:2017; EN ISO 10272-2:2017)
Microbiology of the food chain – Horizontal method for detection and enumeration of *Campylobacter* spp. – Part 2: Colony-count technique (ISO 10272-2:2017; EN ISO 10272-2:2017)

HRN EN ISO 19343:2017 en pr
Mikrobiologija u lancu hrane – Dokazivanje i kvantifikacija histamina u ribama i ribljim proizvodima – HPLC metoda (ISO 19343:2017; EN ISO 19343:2017)
Microbiology of the food chain – Detection and quantification of histamine in fish and fishery products – HPLC method (ISO 19343:2017; EN ISO 19343:2017)

HRN EN ISO 21528-1:2017 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti i određivanje broja Enterobacteriaceae – 1. dio: Dokazivanje prisutnosti Enterobacteriaceae (ISO 21528-1:2017; EN ISO 21528-1:2017)
Microbiology of the food chain – Horizontal method for the detection and enumeration of Enterobacteriaceae – Part 1: Detection of Enterobacteriaceae (ISO 21528-1:2017; EN ISO 21528-1:2017)

HRN EN ISO 21528-2:2017 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti i određivanje broja Enterobacteriaceae – 2. dio: Postupak određivanja broja kolonija (ISO 21528-2:2017; EN ISO 21528-2:2017)
Microbiology of the food chain – Horizontal method for the detection and enumeration of Enterobacteriaceae – Part 2: Colony-count technique (ISO 21528-2:2017; EN ISO 21528-2:2017)

HRN EN ISO 21872-1:2017 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za određivanje Vibrio spp. – 1. dio: Dokazivanje prisutnosti potencijalno enteropatogenih Vibrio parahaemolyticus, Vibrio cholerae i Vibrio vulnificus (ISO 21872-1:2017; EN ISO 21872-1:2017)
Microbiology of the food chain – Horizontal method for the determination of Vibrio spp. – Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus (ISO 21872-1:2017; EN ISO 21872-1:2017)

HZN/TO 569, Hrana za životinje

HRN EN 15510:2017 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje kalcija, natrija, fosfora, magnezija, kalija, željeza, cinka, bakra, mangana, kobalta, molibdena i olova tehnikom ICP-AES (EN 15510:2017)
Animal feeding stuffs: Methods of sampling and analysis – Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum and lead by ICP-AES (EN 15510:2017)

HRN EN 15550:2017 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje kadmija i olova atomskom apsorpcijskom spektrometrijom s grafitnom peći (GF-AAS) nakon razgradnje pod tlakom (EN 15550:2017)
Animal feeding stuffs: Methods of sampling and analysis – Determination of cadmium and lead by graphite furnace atomic absorption spectrometry (GF-AAS) after pressure digestion (EN 15550:2017)

HRN EN 15621:2017 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje kalcija, natrija, fosfora, magnezija, kalija, sumpora, željeza, cinka, bakra, mangana i kobalta tehnikom ICP-AES nakon razgradnje pod tlakom (EN 15621:2017)
Animal feeding stuffs: Methods of sampling and analysis – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt after pressure digestion by ICP-AES (EN 15621:2017)

HRN EN 16930:2017 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje karbadoksa i olakvindoksa metodom HPLC/UV (EN 16930:2017)
Animal feeding stuffs: Methods of sampling and analysis – Determination of carbadox and olaquindox by HPLC/UV (EN 16930:2017)

HRN EN 16967:2017 en pr
Hrana za životinje: Metode uzorkovanja i analize – Jednažbe za predviđanje metabolizirane energije u potpunoj i dodatnoj hrani (hrani za ljubimce) za mačke i pse uključujući dijetnu hranu (EN 16967:2017)
Animal feeding stuffs: Methods of sampling and analysis – Predictive equations for metabolizable energy in feed materials and compound feed (pet food) for cats and dogs including dietetic food (EN 16967:2017)

HZN/TO 573, Elektronički račun

HRS CEN/TS 16931-3-1:2017 en pr
Elektronički račun – Dio 3-1: Metodologija sintaksnog povezivanja osnovnih elemenata elektroničkog računa (CEN/TS 16931-3-1:2017)
Electronic invoicing – Part 3-1: Methodology for syntax bindings of the core elements of an electronic invoice (CEN/TS 16931-3-1:2017)

HRI CEN/TR 16931-4:2017 en pr
Elektronički račun – 4. dio: Smjernice za uspostavu interoperabilnosti u razmjeni elektroničkog računa na tehničkoj razini (CEN/TR 16931-4:2017)
Electronic invoicing – Part 4: Guidelines on interoperability of electronic invoices at the transmission level (CEN/TR 16931-4:2017)

HRI CEN/TR 16931-5:2017 en pr
Elektronički račun – 5. dio: Smjernice za primjenu opcionalnih sektorskih ili nacionalnih proširenja u svezi s EN 16931-1, metodologija primjene u stvarnoj okolini (CEN/TR 16931-5:2017)
Electronic invoicing – Part 5: Guidelines on the use of sector or country extensions in conjunction with EN 16931-1, methodology to be applied in the real environment (CEN/TR 16931-5:2017)

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

HRN ISO 10007:2017 en pr
Upravljanje kvalitetom – Smjernice za upravljanje konfiguracijom (ISO 10007:2017)
Quality management – Guidelines for configuration management (ISO 10007:2017)

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50153:2014/A1:2017 en pr
Željeznički sustav – Željeznička vozila – Odredbe o zaštiti od opasnosti od električnog udara (EN 50153:2014/A1:2017)
Railway applications – Rolling stock – Protective provisions relating to electrical hazards (EN 50153:2014/A1:2017)

HRN EN 50657:2017 en pr
Željeznički sustav – Aplikacije na željezničkim vozilima – Programska podrška na vozilu (EN 50657:2017)
Railway applications – Rolling stock applications – Software on board rolling stock (EN 50657:2017)

HRN EN 62580-1:2016/A11:2017 en pr
Elektronička oprema za željeznice – Željeznički multimedijски i telematički podsustavi na vozilu – 1. dio: Opća arhitektura (EN 62580-1:2016/A11:2017)
Electronic railway equipment – On-board multimedia and telematic subsystems for railways – Part 1: General architecture (EN 62580-1:2016/A11:2017)

HZN/TO E11, Nadzemni vodovi

HRN EN 50341-2-13:2017/A1:2017 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV – Dio 2-13: Nacionalni normativni aspekti (NNA) za Italiju (na temelju EN 50341-1:2012) (EN 50341-2-13:2017/A1:2017)
Overhead electrical lines exceeding AC 1 kV – Part 2-13: National Normative Aspects (NNA) for ITALY (based on EN 50341-1:2012) (EN 50341-2-13:2017/A1:2017)

HZN/TO E22, Energetska elektronika

HRN EN 60700-2:2016/Ispr.1:2017 en pr
Tiristorski ventili za prijenos energije istosmjernom strujom visokog napona (HVDC) – 2. dio: Terminologija (IEC 60700-2:2016/Corr.1:2017; EN 60700-2:2016/AC:2017)
Thyristor valves for high voltage direct current (HVDC) power transmission – Part 2: Terminology (IEC 60700-2:2016/Corr.1:2017; EN 60700-2:2016/AC:2017)

HRN EN 61954:2011/A2:2017 en pr
Statički kompenzatori jalove snage (SVC) – Ispitivanje tiristorskih ventila (IEC 61954:2011/am2:2017; EN 61954:2011/A2:2017)
Static VAR compensators (SVC) – Testing of thyristor valves (IEC 61954:2011/am2:2017; EN 61954:2011/A2:2017)

HZN/TO E31, Eksplozivne atmosfere

HRN EN 60079-30-2:2017 en pr
Eksplozivne atmosfere – Dio 30-2: Električki otporni grijači trasa – Upute za projektiranje, instalaciju i održavanje (IEC/IEEE 60079-30-2:2015, MOD; EN 60079-30-2:2017)
Explosive atmospheres – Part 30-2: Electrical resistance trace heating – Application guide for design, installation and maintenance (IEC/IEEE 60079-30-2:2015, MOD; EN 60079-30-2:2017)

HZN/TO E34, *Žarulje, svjetiljke i pripadna oprema*

- HRN EN 60061-3:2008/A53:2017 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična mjerila (IEC 60061-3:1969/am53:2017; EN 60061-3:1993/A53:2017)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/am53:2017; EN 60061-3:1993/A53:2017)
- HRN EN 60809:2015/A1:2017 en pr
Žarulje za cestovna vozila – Dimenzije, električni i svjetlosni zahtjevi (IEC 60809:2014/am1:2017; EN 60809:2015/A1:2017)
Lamps for road vehicles – Dimensional, electrical and luminous requirements (IEC 60809:2014/am1:2017; EN 60809:2015/A1:2017)
- HRN EN 60838-1:2017/A1:2017 en pr
Raznovrsna grla za žarulje – 1. dio: Opći zahtjevi i ispitivanja (IEC 60838-1:2016/am1:2017; EN 60838-1:2017/A1:2017)
Miscellaneous lampholders – Part 1: General requirements and tests (IEC 60838-1:2016/am1:2017; EN 60838-1:2017/A1:2017)

HZN/TO E45, *Nuklearna instrumentacija*

- HRN EN 61577-2:2017 en pr
Instrumentacija u zaštiti od zračenja – Mjerni uređaji za mjerenje radona i njegovih potomaka – 2. dio Posebni zahtjevi za mjerne uređaje koji mjere 222Rn i 220Rn (IEC 61577-2:2014, MOD; EN 61577-2:2017)
Radiation protection instrumentation – Radon and radon decay product measuring instruments – Part 2: Specific requirements for 222Rn and 220Rn measuring instruments (IEC 61577-2:2014, MOD; EN 61577-2:2017)

HZN/TO E55, *Žice za namote*

- HRN EN 60317-0-10:2017 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 0-10: Opći zahtjevi – Nelakirana ili lakirana okrugla bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana lakom ili smolom (IEC 60317-0-10:2017; EN 60317-0-10:2017)
Specifications for particular types of winding wires – Part 0-10: General requirements – Polyester glass-fibre wound fused, unvarnished, or resin or varnish impregnated, bare or enamelled round copper wire (IEC 60317-0-10:2017; EN 60317-0-10:2017)
- HRN EN 60317-70:2017 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 70: Nelakirana ili lakirana okrugla bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana lakom ili smolom, indeksa temperature 155 (IEC 60317-70:2017; EN 60317-70:2017)
Specifications for particular types of winding wires – Part 70: Polyester glass-fibre wound fused, unvarnished or resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155 (IEC 60317-70:2017; EN 60317-70:2017)
Specifikacije pojedinih vrsta žica za namote – 70. dio: Nelakirana ili lakirana okrugla bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana lakom ili smolom, indeksa temperature 155 (IEC 60317-70:2017; EN 60317-70:2017)
- HRN EN 60317-71:2017 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 71: Poliesterski stakleni vlaknima, impregnirana lakom ili smolom, indeksa temperature 180 (IEC 60317-71:2017; EN 60317-71:2017)
Specifikacije pojedinih vrsta žica za namote – 71. dio: Nelakirana ili lakirana okrugla bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana lakom ili smolom, indeksa temperature 180 (IEC 60317-71:2017; EN 60317-71:2017)
- HRN EN 60317-72:2017 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 72: Poliesterski stakleni vlaknima, impregnirana lakom ili smolom, indeksa temperature 200 (IEC 60317-72:2017; EN 60317-72:2017)
Specifikacije pojedinih vrsta žica za namote – 72. dio: Nelakirana ili lakirana okrugla bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana lakom ili silikonskom smolom, indeksa temperature 200 (IEC 60317-72:2017; EN 60317-72:2017)

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

- HRN EN 62325-451-3:2015/A1:2017 en pr
Okvir za komunikaciju na tržištu električnom energijom – Dio 451-3: Poslovni proces dodjele prijenosnih kapaciteta (sa ili bez dražbe) i odgovarajući modeli za europsko tržište (IEC 62325-451-3:2014/am1:2017; EN 62325-451-3:2014/A1:2017)
Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market (IEC 62325-451-3:2014/am1:2017; EN 62325-451-3:2014/A1:2017)
- HRN EN 62325-451-4:2017 en pr
Okvir za komunikaciju na tržištu električnom energijom – Dio 451-4: Utvrđivanje i usklađivanje poslovnih procesa, kontekstualni i skupni modeli za europsko tržište (IEC 62325-451-4:2017; EN 62325-451-4:2017)
Framework for energy market communications – Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market (IEC 62325-451-4:2017; EN 62325-451-4:2017)

- HRN EN 62351-9:2017 en pr
Upravljanje energetske sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 9. dio: Upravljanje ključevima kibernetičke sigurnosti opreme energetske sustava (IEC 62351-9:2017; EN 62351-9:2017)
Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment (IEC 62351-9:2017; EN 62351-9:2017)

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

- HRN HD 60364-4-41:2017 en pr
Niskonaponske električne instalacije – Dio 4-41: Sigurnosna zaštita – Zaštita od električnog udara (IEC 60364-4-41:2005/am1:2017, MOD; HD 60364-4-41:2017)
Low-voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock (IEC 60364-4-41:2005/am1:2017, MOD; HD 60364-4-41:2017)
- HRN HD 60364-7-708:2017 en pr
Niskonaponske električne instalacije – Dio 7-708: Zahtjevi za posebne instalacije ili prostore – Kampovi za kamp prikolice, šatore i slični prostori (IEC 60364-7-708:2017; HD 60364-7-708:2017)
Low-voltage electrical installations – Part 7-708: Requirements for special installations or locations – Caravan parks, camping parks and similar locations (IEC 60364-7-708:2017; HD 60364-7-708:2017)

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

- HRN EN 61326-3-1:2017 en pr
Električna oprema za mjerenje, vođenje i laboratorijsku uporabu – Zahtjevi za elektromagnetsku kompatibilnost (EMC) – Dio 3-1: Zahtjevi za imunitet sigurnosnih sustava i opremu namijenjenu za određivanje sigurnosnih funkcija (funkcionalna sigurnost) – Opće industrijske primjene (IEC 61326-3-1:2017; EN 61326-3-1:2017)
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) – General industrial applications (IEC 61326-3-1:2017; EN 61326-3-1:2017)
- HRN EN 62657-2:2017 en pr
Industrijske komunikacijske mreže – Bežična komunikacijska mreža – 2. dio: Upravljanje koegzistencijom (IEC 62657-2:2017; EN 62657-2:2017)
Industrial communication networks – Wireless communication networks – Part 2: Coexistence management (IEC 62657-2:2017; EN 62657-2:2017)

HZN/TO E79, *Alarmni sustavi*

- HRN EN 50398-1:2017 en pr
Alarmni sustavi – Kombinirani i integrirani alarmni sustavi – 1. dio: Opći zahtjevi (EN 50398-1:2017)
Alarm systems – Combined and integrated alarm systems – Part 1: General requirements (EN 50398-1:2017)

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

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

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

HRN EN 62974-1:2017 en pr
Nadzor i mjerenje sustava koji se upotrebljavaju za prikupljanje podataka, grupiranje i analize – 1. dio: Zahtjevi za uređaj (IEC 62974-1:2017; EN 62974-1:2017)
Monitoring and measuring systems used for data collection, gathering and analysis – Part 1: Device requirements (IEC 62974-1:2017; EN 62974-1:2017)

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

HRN EN 60728-101:2017/Ispr.1:2017 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 101. dio: Značajke sustava direktnih putova, opterećenih samo digitalnim kanalima (TA/5) (EN 60728-101:2017/AC:2017)
Cable networks for television signals, sound signals and interactive services – Part 101: System performance of forward paths loaded with digital channels only (EN 60728-101:2017/AC:2017)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55035:2017 en pr
Elektromagnetska kompatibilnost multimedijских uređaja – Zahtjevi za otpornost (CISPR 35:2016, MOD; EN 55035:2017)
Electromagnetic compatibility of multimedia equipment – Immunity requirements (CISPR 35:2016, MOD; EN 55035:2017)

HRN EN 61000-4-11:2008/A1:2017 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-11: Ispitne i mjerne tehnike – Ispitivanje otpornosti na naponske propade, kratkotrajne prekide i naponske promjene (IEC 61000-4-11:2004/am1:2017; EN 61000-4-11:2004/A1:2017)
Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests (IEC 61000-4-11:2004/am1:2017; EN 61000-4-11:2004/A1:2017)

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN 60500:2017 en pr
Podvodna akustika – Hidrofoni – Svojstva hidrofona u frekvencijskom području os 1 Hz do 500 kHz (IEC 60500:2017; EN 60500:2017)
Underwater acoustics – Hydrophones – Properties of hydrophones in the frequency range 1 Hz to 500 kHz (IEC 60500:2017; EN 60500:2017)

HRN EN 61252:1998/A2:2017 en pr
Elektroakustika – Specifikacije za mjerila osobne izloženosti zvuku (IEC 61252:1993/am2:2017; EN 61252:1995/A2:2017)
Electroacoustics – Specifications for personal sound exposure meters (IEC 61252:1993/am2:2017; EN 61252:1995/A2:2017)

HRN EN 61260-2:2016/A1:2017 en pr
Elektroakustika – Oktavni i pojasni filtri s proporcionalnim širinama pojasa – 2. dio: Tipno ispitivanje (IEC 61260-2:2016/am1:2017; EN 61260-2:2016/A1:2017)
Electroacoustics – Octave-band and fractional-octave-band filters – Part 2: Pattern-evaluation tests (IEC 61260-2:2016/am1:2017; EN 61260-2:2016/A1:2017)

HRN EN 61672-2:2014/A1:2017 en pr
Elektroakustika – Zvukomjeri – 2. dio: Tipno ispitivanje (IEC 61672-2:2013/am1:2017; EN 61672-2:2013/A1:2017)
Electroacoustics – Sound level meters – Part 2: Pattern evaluation tests (IEC 61672-2:2013/am1:2017; EN 61672-2:2013/A1:2017)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 908-13 V11.1.2:2017 en pr
Celularne mreže IMT – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 13. dio: Korisnička oprema (UE) za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA) (EN 301 908-13 V11.1.2:2017)
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) (EN 301 908-13 V11.1.2:2017)

HRN EN 302 567 V2.1.1:2017 en pr
Radijske oprema za brzine od više Gbit/s koja radi u frekvencijskom pojasu 60 GHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 302 567 V2.1.1:2017)
Multiple-Gigabit/s radio equipment operating in the 60 GHz band – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 302 567 V2.1.1:2017)

HRN EN 303 348 V1.1.2:2017 en pr
Sustavi s indukcijskom petljom za pomoć osobama s oslabljenim sluhom u frekvencijskom području od 10 Hz do 9 kHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 303 348 V1.1.2:2017)
Induction loop systems intended to assist the hearing impaired in the frequency range 10 Hz to 9 kHz – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU (EN 303 348 V1.1.2:2017)

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

HRN EN 16948:2017 en pr
Zaštitni proizvodi za djecu – Sigurnosni mehanizmi za zaključavanje ormarića i ladića radi zaštite djece koje postavlja korisnik – Sigurnosni zahtjevi i metode ispitivanja (EN 16948:2017)
Child protective products – Consumer fitted child resistant locking devices for cupboards and drawers – Safety requirements and test methods (EN 16948:2017)

HRN EN ISO 18295-1:2017 en pr
Centri za korisnike – 1. dio: Zahtjevi za centre za korisnike (ISO 18295-1:2017; EN ISO 18295-1:2017)
Customer contact centres – Part 1: Requirements for customer contact centres (ISO 18295-1:2017; EN ISO 18295-1:2017)

HRN EN ISO 18295-2:2017 en pr
Centri za korisnike – 2. dio: Zahtjevi za korištenje usluga centara za korisnike (ISO 18295-2:2017; EN ISO 18295-2:2017)
Customer contact centres – Part 2: Requirements for clients using the services of customer contact centres (ISO 18295-2:2017; EN ISO 18295-2:2017)

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

HRN EN 13523-8:2017 en pr
Metali zaštićeni trakom – Metode ispitivanja – 8. dio: Otpornost na slanu maglu (EN 13523-8:2017)
Coil coated metals – Test methods – Part 8: Resistance to salt spray (fog) (EN 13523-8:2017)

HRN EN 13523-21:2017 en pr
Metali zaštićeni trakom – Metode ispitivanja – 21. dio: Ocjena ploča izloženih vanjskim utjecajima (EN 13523-21:2017)
Coil coated metals – Test methods – Part 21: Evaluation of outdoor exposed panels (EN 13523-21:2017)

HRN EN 13523-24:2017 en pr
Metali zaštićeni trakom – Metode ispitivanja – 24. dio: Otpornost na sljepljivanje i oštećenja pod pritiskom (EN 13523-24:2017)
Coil coated metals – Test methods – Part 24: Resistance to blocking and pressure marking (EN 13523-24:2017)

HRN EN 16640:2017/Ispr.1:2017 en pr
Proizvodi na biološkoj osnovi – Sadržaj ugljika biološkog podrijetla – Određivanje količine ugljika biološkog podrijetla upotrebom metode radioaktivnog ugljika (EN 16640:2017/AC:2017)
Bio-based products – Bio-based carbon content – Determination of the bio-based carbon content using the radiocarbon method (EN 16640:2017/AC:2017)

HZN/TU N1, *Nemetalni materijali 1*

HRN EN 16214-3:2017 en pr
Održivi kriteriji za proizvodnju biogoriva i biotekućina za dobivanje energije – Načela, kriteriji, indikatori i provjere – 3. dio: Bioraznolikost i ekološki aspekti vezani za zaštitu prirode (EN 16214-3:2012+A1:2017)
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 3: Biodiversity and environmental aspects related to nature protection purposes (EN 16214-3:2012+A1:2017)

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

HRN EN ISO 11608-7:2017 en pr
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 7. dio: Pristupačnost za slabovidne osobe (ISO 11608-7:2016; EN ISO 11608-7:2017)
Needle-based injection systems for medical use – Requirements and test methods – Part 7: Accessibility for persons with visual impairment (ISO 11608-7:2016; EN ISO 11608-7:2017)

HRN EN ISO 15621:2017 en pr
Upijajući proizvodi za urinarnu i/ili fekalnu inkontinenciju – Opće smjernice za ocjenjivanje (ISO 15621:2017; EN ISO 15621:2017)
Absorbent incontinence aids for urine and/or faeces – General guidelines on evaluation (ISO 15621:2017; EN ISO 15621:2017)

HRN EN ISO 80601-2-56:2017 en pr
Medicinska električna oprema – Dio 2-56: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke kliničkih termometara za mjerenje tjelesne temperature (ISO 80601-2-56:2017; EN ISO 80601-2-56:2017)
Medical electrical equipment – Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement (ISO 80601-2-56:2017; EN ISO 80601-2-56:2017)

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

HRN EN 2004-007:2017 en pr
Zrakoplovstvo – Metode ispitivanja proizvoda od aluminija i legura aluminija – 7. dio: Referentni blokovi za umjeravanje mjerne opreme korištene za određivanje električne provodljivosti gnječenog aluminija i legura aluminija (EN 2004-7:2017)
Aerospace series – Test methods for aluminium and aluminium alloy products – Part 7: Reference blocks for the calibration of measuring equipment used in the determination of electrical conductivity of wrought aluminium and aluminium alloys (EN 2004-7:2017)

HRN EN 2034:2017 en pr
Zrakoplovstvo – Okrugle čelične šipke, vučene i/ili ljuštene – Dimenzije – Tolerancije h 11 (EN 2034:2017)
Aerospace series – Round steel bars drawn and/or descaled – Dimensions – Tolerance h 11 (EN 2034:2017)

HRN EN 2036:2017 en pr
Zrakoplovstvo – Okrugle čelične šipke, brušene – Dimenzije – Tolerancije h 8 (EN 2036:2017)
Aerospace series – Round steel bars ground – Dimensions – Tolerance h 8 (EN 2036:2017)

HRN EN 2040:2017 en pr
Zrakoplovstvo – Pravokutne čelične šipke, valjane – Dimenzije – Tolerancije js 16 (EN 2040:2017)
Aerospace series – Rectangular steel bars rolled – Dimensions – Tolerance js 16 (EN 2040:2017)

HRN EN 2053:2017 en pr
Zrakoplovstvo – U-profil od legure aluminija, presavijeni – Dimenzije (EN 2053:2017)
Aerospace series – U-section aluminium alloy folded profiles – Dimensions (EN 2053:2017)

HRN EN 3021:2017 en pr
Zrakoplovstvo – Kruta maziva na bazi molibdenisulfida bez grafita i halogena – Tehnička specifikacija (EN 3021:2017)
Aerospace series – Molybdenum disulphide dry film lubricants graphite and halogen free – Technical specification (EN 3021:2017)

HRN EN 3302:2017 en pr
Zrakoplovstvo – Vijci od čelika otpornog na toplinu FE-PM1708 (FV535) – Klasifikacija: 1 000 MPa/550 °C – Tehnička specifikacija (EN 3302:2017)
Aerospace series – Bolts in heat resisting steel FE-PM1708 (FV535) – Classification: 1 000 MPa/550 °C – Technical specification (EN 3302:2017)

HRN EN 3451:2017 en pr
Zrakoplovstvo – Titan TI-P99002 – Toplinski neobrađen – Materijal za kovanje razreda 2, za žarene otkivke – a ili D ≤ 300 mm (EN 3451:2017)
Aerospace series – Titanium TI-P99002 – Not heat treated – Grade 2 forging stock, for annealed forgings – a or D ≤ 300 mm (EN 3451:2017)

HRN EN 3875:2017 en pr
Zrakoplovstvo – Metalni materijali, dodatni materijal za tvrdo lemljenje – Tehnička specifikacija (EN 3875:2017)
Aerospace series – Metallic materials, Filler metal for brazing – Technical specification (EN 3875:2017)

HRN EN 4162:2016/Ispr.1:2017 en pr
Zrakoplovstvo – Vijci sa 100° upuštrenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4162:2016/AC:2017)
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – Classification: 1100 MPa (at ambient temperature) / 235 °C (EN 4162:2016/AC:2017)

HRN EN 4681-001:2017 en pr
Zrakoplovstvo – Kabeli, električni, opće namjene, s aluminijem ili aluminijem s bakrom – Dio 001: Tehnička specifikacija (EN 4681-001:2017)
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 001: Technical Specification (EN 4681-001:2017)

HZN/TU U1, *Opća elektrotehnika 1*

HRN EN 50625-2-3:2017 en pr
Zahtjevi za prikupljanje, logistiku i obradu otpadne električne i elektroničke opreme – Dio 2-3: Zahtjevi za obradu izmjenjivača topline i druge otpadne električne i elektroničke opreme koja sadrži hlapljive fluorouglikove i/ili hlapljive ugljikovodike (EN 50625-2-3:2017)
Collection, logistics & treatment requirements for WEEE – Part 2-3: Treatment requirements for temperature exchange equipment and other WEEE containing VFC and/or VHC (EN 50625-2-3:2017)

HRS CLC/TS 50625-3-3:2017 en pr
Zahtjevi za prikupljanje, logistiku i obradu otpadne električne i elektroničke opreme – Dio 3-3: Specifikacija za uklanjanje onečišćenja – Električna i elektronička oprema (WEEE) koja sadrži katodne cijevi (CRT) i ravne ekrane (CLC/TS 50625-3-3:2017)
Collection, logistics & treatment requirements for WEEE – Part 3-3: Specification for de-pollution – WEEE containing CRTs and flat panel displays (CLC/TS 50625-3-3:2017)

HZN/TU V1, *Elektronika 1*

HRN EN 60154-4:2017 en pr
Flanges for waveguides – Part 4: Relevant specifications for flanges for circular waveguides (IEC 60154-4:2017; EN 60154-4:2017)

HRN EN 60603-7-81:2016/Ispr.1:2017 en pr
Connectors for electronic equipment – Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2 000 MHz (IEC 60603-7-81:2015/Corr.1:2017; EN 60603-7-81:2016/AC:2017)

HRN EN 60749-5:2017 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 5: Steady-state temperature humidity bias life test (IEC 60749-5:2017; EN 60749-5:2017)

HRN EN 60794-1-3:2017 en pr
Optical fibre cables – Part 1-3: Generic specification – optical cable elements (IEC 60794-1-3:2017; EN 60794-1-3:2017)

HRN EN 61189-5-503:2017 en pr
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 5-503: General test method for materials and assemblies – Conductive anodic filaments (CAF) testing of circuit boards (IEC 61189-5-503:2017; EN 61189-5-503:2017)

HRN EN 61280-4-4:2017 en pr
Fibre optic communication subsystem test procedures – Part 4-4: Cable plants and links – Polarization mode dispersion measurement for installed links (IEC 61280-4-4:2017; EN 61280-4-4:2017)

HRN EN 61587-6:2017 en pr
Mechanical structures for electrical and electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 6: Security aspects for indoor cabinets (IEC 61587-6:2017; EN 61587-6:2017)

HRN EN 61967-4:2008/Ispr.2:2017 en pr
Integrated circuits – Measurement of electromagnetic emissions, 150 kHz to 1 GHz – Part 4: Measurement of conducted emissions – 1 ohm/150 ohm direct coupling method (IEC 61967-4:2002/Corr.1:2017; EN 61967-4:2002/AC:2017)

HRN EN 62090:2017 en pr
Product package labels for electronic components using bar code and two-dimensional symbologies (IEC 62090:2017; EN 62090:2017)

HRN EN 62150-5:2017 en pr
Fibre optic active components and devices – Test and measurement procedures – Part 5: Wavelength channel tuning time of tuneable transmitters (IEC 62150-5:2017; EN 62150-5:2017)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 61810-1:2015/Ispr.1:2017 en pr
Elektromehanički osnovni releji – 1. dio: Opći i sigurnosni zahtjevi (IEC 61810-1:2015/Corr.1:2017; EN 61810-1:2015/AC:2017)
Electromechanical elementary relays – Part 1: General and safety requirements (IEC 61810-1:2015/Corr.1:2017; EN 61810-1:2015/AC: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 8, Brodogradnja

prEN ISO 12215-5 en
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination (ISO/DIS 12215-5:2017)
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 5. dio: Projektni tlakovi za jednotrupna plovila, projektna naprezanja, određivanje dimenzija konstrukcijskih elemenata (ISO/DIS 12215-5:2017)

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

prEN ISO 10517 en
Powered hand-held hedge trimmers – Safety (ISO/DIS 10517:2017)
Motorni čistači – Sigurnost (ISO/DIS 10517:2017)

HZN/TO 28, Naftni proizvodi i maziva

prEN 17155 en
Liquid petroleum products – Determination of indicated cetane number (ICN) of middle distillate fuels – Primary reference fuels calibration method using a constant volume combustion chamber

HZN/TO 43, Akustika

prEN ISO 3740 en
Acoustics – Determination of sound power levels of noise sources – Guidelines for the use of basic standards (ISO/DIS 3740:2017)
Akustika – Određivanje razina zvučne snage izvora buke – Smjernice za uporabu temeljnih norma (ISO/DIS 3740:2017)

HZN/TO 44, Zavarivanje i srodni postupci

prEN 1708-2 en
Welding – Basic weld joint details in steel – Part 2: Non internal pressurized components
Zavarivanje – Pojednosti o osnovnim oblicima zavarenih spojeva na čeliku – 2. dio: Dijelovi koji nisu pod unutrašnjim tlakom

prEN ISO 9017 en
Destructive tests on welds in metallic materials – Fracture test (ISO/FDIS 9017:2017)
Razorno ispitivanje zavara metalnih materijala – Ispitivanje lomljenjem (ISO/FDIS 9017:2017)

prEN 12797 en
Brazing – Destructive tests of brazed joints
Tvrdo lemljenje – Razorno ispitivanje zalemljenih spojeva

prEN 12799 en
Brazing – Non-destructive examination of brazed joints
Tvrdo lemljenje – Nerazorno ispitivanje zalemljenih spojeva

prEN 14324 en
Brazing – Guidance on the application of brazed joints
Tvrdo lemljenje – Upute za primjenu tvrdo lemljenih spojeva

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

EN 378-4:2016/prA1 en
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 4: Operation, maintenance, repair and recovery
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na sigurnost i okoliš – 4. dio: Rukovanje, održavanje, popravci i sanacija

HZN/TO 92, Zaštita od požara

prEN 13501-1 en
Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests
Razredba građevnih proizvoda i građevnih elemenata prema ponašanju u požaru – 1. dio: Razredba prema rezultatima ispitivanja reakcije na požar

prEN 13501-6 en
Fire classification of construction products and building elements – Part 6: Classification using data from reaction to fire tests on electric cables
Razredba građevnih proizvoda i građevnih elemenata prema ponašanju u požaru – 6. dio: Razredba prema rezultatima ispitivanja reakcije na požar električnih kabela

prEN 15269-20 en
Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 20: Smoke control for doors, shutters and openable windows
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 20. dio: Dimopropusnost zaokretnih čeličnih i drvenih vrata, te staklenih vrata s metalnim dovratnikom

HZN/TO 120, *Koža i obuća*

- prEN ISO 4045 en
Leather – Chemical tests – Determination of pH and difference figure (ISO/DIS 4045:2017)
- prEN ISO 4048 en
Leather – Chemical tests – Determination of matter soluble in dichloromethane and free fatty acid content (ISO/DIS 4048:2017)
Koža – Kemijska ispitivanja – Određivanje tvari topljivih u diklormetanu i sadržaja slobodnih masnih kiselina (ISO/DIS 4048:2017)
- prEN ISO 5398-1 en
Leather – Chemical determination of chromic oxide content – Part 1: Quantification by titration (ISO/DIS 5398-1:2017)
Koža – Kemijsko određivanje sadržaja kromovih oksida – 1. dio: Metoda titracije (ISO/DIS 5398-1:2017)
- prEN ISO 5398-3 en
Leather – Chemical determination of chromic oxide content – Part 3: Quantification by atomic absorption spectrometry (ISO/DIS 5398-3:2017)
Koža – Kemijsko određivanje sadržaja kromovih oksida – 3. dio: Metoda atomske apsorpcijske spektrometrije (ISO/DIS 5398-3:2017)
- prEN ISO 5398-4 en
Leather – Chemical determination of chromic oxide content – Part 4: Quantification by inductively coupled plasma (ICP) (ISO/DIS 5398-4:2017)
Koža – Kemijsko određivanje sadržaja kromovih oksida – 4. dio: Metoda s induktivno spregnutom plazmom (ICP) (ISO/DIS 5398-4:2017)
- prEN ISO 17072-1 en
Leather – Chemical determination of metal content – Part 1: Extractable metals (ISO/DIS 17072-1:2017)
Koža – Kemijsko određivanje sadržaja metala – 1. dio: Izlučivi metali (ISO/DIS 17072-1:2017)
- prEN ISO 17072-2 en
Leather – Chemical determination of metal content – Part 2: Total metal content (ISO/DIS 17072-2:2017)
Koža – Kemijsko određivanje sadržaja metala – 2. dio: Ukupan sadržaj metala (ISO/DIS 17072-2:2017)

HZN/TO 130, *Grafička tehnologija*

- ISO 13655:2017 en
Graphic technology – Spectral measurement and colorimetric computation for graphic arts images
Grafička tehnologija – Spektralna mjerenja i kolorimetrijsko određivanje za grafičke reprodukcije

HZN/TO 135, *Nerazorna ispitivanja*

- prEN ISO 20769-1 en
Non-destructive testing – Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays – Part 1: Tangential radiographic inspection (ISO/DIS 20769-1:2017)
Nerazorno ispitivanje – Radiografsko ispitivanje korozije i naslaga u cijevima upotrebom rendgenskog i gama zračenja – 1. dio: Radiografsko ispitivanje tangencijskom tehnikom (ISO/DIS 20769-1:2017)
- prEN ISO 20769-2 en
Non-destructive testing – Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays – Part 2: Double wall radiographic inspection (ISO/DIS 20769-2:2017)
Nerazorno ispitivanje – Radiografsko ispitivanje korozije i naslaga u cijevima upotrebom rendgenskog i gama zračenja – 2. dio: Radiografsko ispitivanje tehnikom dvostruke stijenke (ISO/DIS 20769-2:2017)

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

- prEN ISO 11296-1 en
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 1: General (ISO/DIS 11296-1:2017)
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 1. dio: Općenito (ISO/DIS 11296-1:2017)

- prEN ISO 11296-3 en
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes (ISO/DIS 11296-3:2017)
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 3. dio: Oblaganje prijanjajućim cijevima (ISO/DIS 11296-3:2017)
- prEN ISO 11297-1 en
Plastics piping systems for renovation of underground drainage and sewerage networks under pressure – Part 1: General (ISO/DIS 11297-1:2017)
Plastični cijevni sustavi za obnavljanje podzemnih tlačnih mreža za odvodnju i kanalizaciju – 1. dio: Općenito (ISO/DIS 11297-1:2017)
- prEN ISO 11297-3 en
Plastics piping systems for renovation of underground drainage and sewerage networks under pressure – Part 3: Lining with close-fit pipes (ISO/DIS 11297-3:2017)
Plastični cijevni sustavi za obnavljanje podzemnih tlačnih mreža za odvodnju i kanalizaciju – 3. dio: Obnavljanje s prijanjajućim cijevima (ISO/DIS 11297-3:2017)
- prEN ISO 11298-1 en
Plastics piping systems for renovation of underground water supply networks – Part 1: General (ISO/DIS 11298-1:2017)
Plastični cijevni sustavi za obnavljanje podzemnih vodovodnih distribucijskih mreža – 1. dio: Općenito (ISO/DIS 11298-1:2017)
- prEN ISO 11298-3 en
Plastics piping systems for renovation of underground water supply networks – Part 3: Lining with close-fit pipes (ISO/DIS 11298-3:2017)
Plastični cijevni sustavi za obnavljanje podzemnih vodovodnih distribucijskih mreža – 3. dio: Oblaganje prijanjajućim cijevima (ISO/DIS 11298-3:2017)

HZN/TO 145, *Grafički simboli*

- ISO 7001:2007/Amd 4:2017 en
Graphical symbols – Public information symbols
Grafički simboli – Simboli javnog obavješćivanja

HZN/TO 147, *Kvaliteta vode*

- prEN ISO 10634 en
Water quality – Guidance for the preparation and treatment of poorly water-soluble organic compounds for the subsequent evaluation of their biodegradability in an aqueous medium (ISO/DIS 10634:2017)
Kvaliteta vode – Upute za pripremu i obradu organskih tvari slabo topljivih u vodi pri procjeni njihove biološke razgradljivosti u vodenom mediju (ISO/DIS 10634:2017)
- prEN ISO 11704 en
Water quality – Gross alpha and gross beta activity – Test method using liquid scintillation counting (ISO/DIS 11704)
Kvaliteta vode – Ukupna alfa i ukupna beta aktivnost – Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO/DIS 11704)
- prEN ISO 15681-2 en
Water quality – Determination of orthophosphate and total phosphorus contents by flow analysis (FIA and CFA) – Part 2: Method by continuous flow analysis (CFA) (ISO/DIS 15681-2:2017)
Kvaliteta vode – Određivanje ortofosfata i ukupnog fosfora protočnom analizom – 2. dio: Metoda kontinuirane protočne analize (ISO/DIS 15681-2:2017)

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

- ISO 5667-12:2017 en
Water quality – Sampling – Part 12: Guidance on sampling of bottom sediments from rivers, lakes and estuarine areas
Kvaliteta vode – Uzorkovanje – 12. dio: Smjernice za uzorkovanje sedimenta iz rijeka, jezera i ušća

HZN/TO 163, *Toplinska izolacija*

- prEN 17140 en
Thermal insulation products for buildings – Factory made Vacuum Insulation Panels (VIP) – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički proizvedeni vakumski izolacijski paneli – Specifikacija

HZN/TO 172, Optika i optički instrumenti

ISO 9849:2017 en
Optics and optical instruments – Geodetic and surveying instruments – Vocabulary
Optika i optički instrumenti – Geodetski instrumenti i instrumenti izmjere – Rječnik

HZN/TO 182, Geotehničke konstrukcije

prEN ISO 22476-6 en
Geotechnical investigation and testing – Field testing – Part 6: Self boring pressuremeter test (ISO/DIS 22476-6:2017)
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 6. dio: Ispitivanje samobušecim presiometrom (ISO/DIS 22476-6:2017)

prEN ISO 22476-8 en
Geotechnical investigation and testing – Field testing – Part 8: Full displacement pressuremeter test (ISO/DIS 22476-8:2017)
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 8. dio: Ispitivanje utiskivanim (razmičućim) presiometrom (ISO/DIS 22476-8:2017)

HZN/TO 215, Medicinska informatika

prEN ISO 11073-10427 en
Health informatics – Personal health device communication – Part 10427: Device specialization – Power status monitor of personal health devices (ISO/IEEE/FDIS 11073-10427:2017)

HZN/TO 219, Podne obloge

prEN 24342 en
Resilient and textile floor-coverings – Determination of side length, edge straightness and squareness of tiles (ISO/DIS 24342:2017)
Elastične i tekstilne podne obloge – Određivanje duljine strana, ravnoće rubova i pravokutnosti ploča (ISO/DIS 24342:2017)

HZN/TO 221, Geosintetici

prEN 14150 en
Geosynthetic barriers – Determination of permeability to liquids
Geosintetičke barijere – Određivanje propusnosti tekućina

HZN/TO 502, Plinski uređaji

EN 16436-1:2014+A1:2015/prA2:2017 en
Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixtures in the vapour phase – Part 1: Hoses and tubings
Gumena i plastična crijeva, cijevi i spojevi za upotrebu propana, butana i njihovih mješavina u parnoj fazi – 1. dio: Crijeva i cjevovodi

HZN/TO 503, Metalni materijali

prEN ISO 7668 en
Anodizing of aluminium and its alloys – Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20 degrees, 45 degrees, 60 degrees or 85 degrees (ISO/DIS 7668:2017)
Anodizacija aluminija i aluminijevih legura – Mjerenje direktne refleksije i direktnog odsjaja prevlaka dobivenih anodnom oksidacijom pod kutovima od 20°, 45°, 60° ili 85° (ISO/DIS 7668:2017)

prEN ISO 10215 en
Anodizing of aluminium and its alloys – Visual determination of image clarity of anodic oxidation coatings – Chart scale method (ISO/DIS 10215:2017)
Anodizacija aluminija i aluminijevih legura – Vizualno određivanje jasnoće slike prevlaka dobivenih anodnom oksidacijom – Metoda s mjernom skalom (ISO/DIS 10215:2017)

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

prEN ISO 20815 en
Petroleum, petrochemical and natural gas industries – Production assurance and reliability management (ISO/DIS 20815:2017)
Industrija nafte, petrokemije i prirodnog plina – Osiguranje proizvodnje i upravljanje pouzdanošću (ISO/DIS 20815:2017)

HZN/TO 513, Mjerne jedinice i mjerila

prEN 12261 en
Gas meters – Turbine gas meters
Plinomjeri – Turbinski plinomjeri

prEN 14236 en
Ultrasonic domestic gas meters
Ultrazvučni plinomjeri za domaćinstva

prEN ISO 80000-3 en
Quantities and units – Part 3: Space and time (ISO/DIS 80000-3:2017)
Veličine i jedinice – 3. dio: Prostor i vrijeme (ISO/DIS 80000-3:2017)

prEN ISO 80000-8 en
Quantities and units – Part 8: Acoustics (ISO/DIS 80000-8:2017)
Veličine i jedinice – 8. dio: Akustika (ISO/DIS 80000-8:2017)

HZN/TO 518, Podovi, stropovi i zidne obloge

prEN 13454-1 en
Binders and factory made mixtures for floor screeds based on calcium sulphate – Part 1: Definitions and requirements
Veziva i tvornički pripremljene mješavine za in situ podove (estrihe) na osnovi kalcijevog sulfata – 1. dio: Definicije i zahtjevi

prEN 13454-2 en
Binders and factory made mixtures for floor screeds based on calcium sulphate – Part 2: Test methods
Veziva i tvornički pripremljene mješavine za estrihe na osnovi kalcijevog sulfata – 2. dio: Metode ispitivanja

HZN/TO 524, Inteligentni transportni sustavi

EN ISO 14816:2005/prA1 en
Road transport and traffic telematics – Automatic vehicle and equipment identification – Numbering and data structure (ISO 14816:2005/DAMd 1:2017)
Cestovni prijevoz i prometna telematika – Automatska identifikacija vozila i opreme – Brojčano označavanje i struktura podataka (ISO 14816:2005/DAMd 1:2017)

EN ISO 17262:2012/prA1 en
Intelligent transport systems – Automatic vehicle and equipment identification – Numbering and data structures (ISO 17262:2012/DAMd 1:2017)
Inteligentni transportni sustavi – Automatska identifikacija vozila i opreme – Brojčano označavanje i struktura podataka (ISO 17262:2012/DAMd 1:2017)

EN ISO 17264:2009/prA1 en
Intelligent transport systems – Automatic vehicle and equipment identification – Interfaces (ISO 17264:2009/DAMd 1:2017)
Inteligentni transportni sustavi – Automatska identifikacija vozila i opreme – Sučelja (ISO 17264:2009/DAMd 1:2017)

EN ISO 24534-4:2010/prA1 en
Automatic vehicle and equipment identification – Electronic registration identification (ERI) for vehicles – Part 4: Secure communications using asymmetrical techniques (ISO 24534-4:2010/DAMd 1:2017)
Automatska identifikacija vozila i opreme – Identifikacija elektroničke registracije (ERI) vozila – 4. dio: Sigurna komunikacija korištenjem asimetričnih tehnika (ISO 24534-4:2010/DAMd 1:2017)

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

prEN 507 en
Roofing and cladding products from metal sheet – Specification for fully supported products of aluminium sheet
Proizvodi od lima za pokrivanje krovova i oblaganje zidova – Specifikacija za nenosive proizvode od aluminijevog lima

HZN/TO 528, Oprema za željeznice

prEN 16186-4 en
Railway applications – Driver's cab – Part 4: Layout and access

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

ISO 4301-1:2016 en
Cranes – Classification – Part 1: General
Granici – Podjela u pogonske skupine – 1. dio: Općenito

ISO 8566-5:2017 en
Cranes – Cabins and control stations – Part 5: Overhead travelling and portal bridge cranes
Granici – Kabine i upravljačke postaje – 5. dio: Mosni i portalni granici

ISO 8686-5:2017 en
Cranes – Design principles for loads and load combinations – Part 5: Overhead travelling and portal bridge cranes
Granici – Proračunska opterećenja i njihove kombinacije – 5. dio: Mosni i portalni granici

HZN/TO 531, Plastika i guma

prEN ISO 10619-2 en
Rubber and plastics hoses and tubing – Measurement of flexibility and stiffness – Part 2: Bending tests at sub-ambient temperatures (ISO/FDIS 10619-2:2017)
Gumena i plastična crijeva i cijevi – Mjerenje savitljivosti i krutosti – 2. dio: Savojna ispitivanja pri temperaturi nižoj od temperature okoline (ISO/FDIS 10619-2:2017)

HZN/TO 533, Kolničke konstrukcije

prEN 12697-8 en
Bituminous mixtures – Test methods – Part 8: Determination of void characteristics of bituminous specimens
Bitumenske mješavine – Metode ispitivanje – 8. dio: Određivanje šupljina u asfaltnim uzorcima

prEN 12697-33 en
Bituminous mixtures – Test methods – Part 33: Specimen prepared by roller compactor
Bitumenske mješavine – Metode ispitivanja – 33. dio: Priprema asfaltnog uzorka valjkastim zbijanjem

prEN ISO 13473-1 en
Characterization of pavement texture by use of surface profiles – Part 1: Determination of mean profile depth (ISO/DIS 13473-1:2017)
Karakteriziranje teksture kolnika uporabom profila površine – 1. dio: Određivanje srednje dubine teksture profila (ISO/DIS 13473-1:2017)

prEN 13880-6 en
Hot applied joint sealants – Part 6: Method for the preparation of samples for testing
Vruće brtvne mase – 6. dio: Metoda za pripremu ispitnih uzoraka

HZN/TO 534, Spremnici za teret

prEN 12972 en
Tanks for transport of dangerous goods – Testing, inspection and marking of metallic tanks
Spremnici za prijevoz opasnih tvari – Ispitivanje, inspekcija i označavanje metalnih spremnika

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

prEN 1748-1-1 en
Glass in building – Special basic products – Borosilicate float glass – Part 1-1: Definitions and general physical and mechanical properties
Staklo u graditeljstvu – Specijalni osnovni proizvodi – Borosilikatna stakla – Dio 1-1: Definicija i opća fizikalna i mehanička svojstva

prEN 1748-1-2 en
Glass in building – Special basic products – Borosilicate float glass – Part 1-2: Product standard
Staklo u graditeljstvu – Specijalni osnovni proizvodi – Borosilikatna stakla – Dio 1-2: Norma za proizvod

prEN 17146 en
Determination of the strength of infill supports – Test method and requirements
Određivanje čvrstoće oslonaca ispune – Metoda ispitivanja i zahtjevi

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

prEN ISO 21204 en
Geometrical product specifications (GPS) – Specification of defined transitions between features (ISO/DIS 21204:2017)

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

prEN 489-1 en
District heating pipes – Bonded single and twin pipe systems for buried hot water networks – Part 1: Joint casing assemblies and thermal insulation for hot water networks in accordance with EN 13941-1

prEN ISO 12759-2 en
Fans – Efficiency classification for fans – Part 2: Standard losses for drive components (ISO/DIS 12759-2:2017)

prEN 15871 en
Ventilation for buildings – Fire resisting duct sections

prEN ISO 21083-1 en
Test method to measure the efficiency of air filtration media against spherical nanomaterials – Part 1: Particle size range from 20 to 500 nm (ISO/DIS 21083-1:2017)

HZN/TO 550, Opskrba vodom

prEN 12873-3 en
Influence of materials on water intended for human consumption – Influence due to migration – Part 3: Test method for ion exchange and adsorbent resins
Utjecaj materijala na vodu namijenjenu ljudskoj potrošnji – Utjecaj zbog migracije – 3. dio: Metoda ispitivanja za ionske izmjenjivače i adsorpcijske smole

HZN/TO 553, Predgotovljeni proizvodi

prEN 17160 en
Product category rules for ceramic tiles
Pravila za kategorizaciju proizvoda za keramičke pločice

HZN/TO 555, Medicinski proizvodi

prEN 868-5 en
Packaging for terminally sterilized medical devices – Part 5: Sealable pouches and reels of porous materials and plastic film construction – Requirements and test methods
Ambalaža za završno sterilizirane medicinske proizvode – 5. dio: Ljepljive vrećice i svitci od poroznih tvari i izrađeni od plastičnog filma – Zahtjevi i ispitne metode

prEN 868-8 en
Packaging for terminally sterilized medical devices – Part 8: Re-usable sterilization containers for steam sterilizers conforming to EN 285 – Requirements and test methods
Ambalaža za završno sterilizirane medicinske proizvode – 8. dio: Spremnici za višestruku primjenu u sterilizaciji za parne sterilizatore prema normi EN 285 – Zahtjevi i ispitne metode

prEN 868-9 en
Packaging for terminally sterilized medical devices – Part 9: Uncoated nonwoven materials of polyolefines – Requirements and test methods
Ambalaža za završno sterilizirane medicinske proizvode – 9. dio: Neobloženi, nevuneni materijali od poliolefina – Zahtjevi i ispitne metode

prEN 868-10 en
Packaging for terminally sterilized medical devices – Part 10: Adhesive coated nonwoven materials of polyolefines – Requirements and test methods
Ambalaža za završno sterilizirane medicinske proizvode – 10. dio: Ljepljivo obloženi, nevuneni materijali od poliolefina – Zahtjevi i ispitne metode

EN ISO 11135:2014/prA1 en
Sterilization of health-care products – Ethylene oxide – Requirements for the development, validation and routine control of a sterilization process for medical devices – Amendment 1: Revision of Annex E, Single batch release (ISO 11135:2014/DAmD 1:2017)

EN ISO 11607-1:2017 en

Packaging for terminally sterilized medical devices – Part 1: Requirements for materials, sterile barrier systems and packaging systems (ISO 11607-1:2006+Amd 1:2014)
Ambalaža za završno sterilizirane medicinske proizvode – 1. dio: Zahtjevi za materijale, sustave sterilne obloge i sustave ambalaže (ISO 11607-1:2006+Amd 1:2014)

EN ISO 11607-2:2017 en

Packaging for terminally sterilized medical devices – Part 2: Validation requirements for forming, sealing and assembly processes (ISO 11607-2:2006+Amd 1:2014)
Ambalaža za završno sterilizirane medicinske proizvode – 2. dio: Vrednovanje zahtjeva za oblikovanje, lijepljenje i postupke sastavljanja (ISO 11607-2:2006+Amd 1:2014)

HZN/TO 556, Osobna zaštitna oprema

prEN 13832-1 en

Footwear protecting against chemicals – Part 1: Terminology and test methods
Obuća za zaštitu od kemikalija – 1. dio: Nazivlje i ispitne metode

prEN 13832-2 en

Footwear protecting against chemicals – Part 2: Requirements for limited contact with chemicals

prEN 13832-3 en

Footwear protecting against chemicals – Part 3: Requirements for prolonged contact with chemicals

HZN/TO 557, Zaštitna odjeća

EN 943-1:2015/prA1:2017 en

Protective clothing against dangerous solid, liquid and gaseous chemicals, including liquid and solid aerosols – Part 1: Performance requirements for Type 1 (gas-tight) chemical protective suits
Odjeća za zaštitu od opasnih čvrstih, tekućih i plinovitih kemikalija, uključujući i tekuće i čvrste aerosole – 1. dio: Zahtjevi za tip 1 (plinonepropusnu) odjeću za zaštitu od kemikalija

prEN ISO 18889 en

Protective gloves for pesticide operators – Performance requirements (ISO/DIS 18889:2017)

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

EN 13445-3:2014/prA13:2017 en

Unfired pressure vessels – Part 3: Design
Neložene tlačne posude – 3. dio: Projektiranje

EN 13445-6:2014/prA2 en

Unfired pressure vessels – Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron
Neložene tlačne posude – 6. dio: Zahtjevi za projektiranje i proizvodnju tlačnih posuda i dijelova posuda izrađenih od nodularnog lijeva

EN ISO 17871:2015/prA1 en

Gas cylinders – Quick-release cylinder valves – Specification and type testing (ISO 17871:2015/DAM 1:2017)

HZN/TO 563, Sigurnost strojeva

prEN ISO 13854 en

Safety of machinery – Minimum gaps to avoid crushing of parts of the human body (ISO/FDIS 13854:2017)
Sigurnost strojeva – Najmanji razmaci za sprječavanje zgnječenja (uguravanja) dijelova ljudskog tijela (ISO/FDIS 13854:2017)

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

prEN 12973 en

Value Management
Upravljanje vrijednostima

prEN ISO 19011 en

Guidelines for auditing management systems (ISO/DIS 19011:2017)
Smjernice za provođenje audita sustava upravljanja (ISO/DIS 19011:2017)

HZN/TO E2, Rotacijski strojevi

prEN 60034-23:2017 en

Rotating electrical machines – Part 23: Repair, overhaul and reclamation (IEC 60034-23:201X)
Rotacijski električni strojevi – 23. dio: Popravak, obnova i pregradnja (IEC 60034-23:201X)

HZN/TO E9, Električna oprema za željeznicu

prEN 50119:2017 en

Railway applications – Fixed installations – Electric traction overhead contact lines
Željeznički sustav – Stabilna postrojenja – Nadzemni kontaktni vodovi u električnoj vuči

prEN 50641:2017 en

Railway applications – Fixed installations – Requirements for the validation of simulation tools used for the design of traction power supply systems
Željeznički sustav – Stabilna postrojenja – Zahtjevi za vrednovanje simulacijskih alata koji se upotrebljavaju za konstruiranje sustava napajanja električne vuče

HZN/TO E14, Energetski transformatori

EN 50629:2015/FprA2:2017 en

Energy performance of large power transformers (Um > 36 kV or Sr ≥ 40 MVA)
Energetske značajke velikih energetskih transformatora najvišeg napona većeg od 36 kV ili nazivne snage veće ili jednake 40 MVA

prEN 60076-11:2017 en

Power transformers – Part 11: Dry-type transformers (IEC 60076-11:201X)
Energetski transformatori – 11. dio: Suhi transformatori (IEC 60076-11:201X)

HZN/TO E23, Električni instalacijski pribor

CLC/FprTR 50658 en

Cable management systems (CMS) providing support for cables with intrinsic fire resistance

prEN 60934:2017 en

Circuit-breakers for equipment (CBE) (IEC 60934:201X)
Prekidači za opremu (CBE) (IEC 60934:201X)

EN 62275:2015/prA1:2017 en

Cable management systems – Cable ties for electrical installations (IEC 62275:2013/am1:201X)
Sustavi za vođenje kabela – Kabelske vezice za električne instalacije (IEC 62275:2013/am1:201X)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN 62386-221:2017 en

Digital addressable lighting interface – Part 221: Particular requirements for control gear – Demand Response (device type 20) (IEC 62386-221:201X)

prEN 62386-224:2017 en

Digital addressable lighting interface – Part 224: Particular requirements for control gear – Non-replaceable light source (device type 23) (IEC 62386-224:201X)

EN 62442-3:2014/prA1:2017 en

Energy performance of lamp controlgear – Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear (IEC 62442-3:2014/am1:201X)
Energetske značajke predspojnih naprava – 3. dio: Predspojne naprave za halogene žarulje i module svjetlećih dioda – Mjerna metoda za određivanje učinkovitosti predspojne naprave (IEC 62442-3:2014/am1:201X)

HZN/TO E45, Nuklearna instrumentacija

prEN 60846-2:2017 en

Radiation protection instrumentation – Ambient and/or directional dose equivalent (rate) meters and/or monitors for beta, X and gamma radiation – Part 2: High range beta and photon dose and dose rate portable instruments for emergency radiation protection purposes (IEC 60846-2:2015, MOD)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

prEN 62325-451-6:2017 en
Framework for energy market communications – Part 451-6: Publication of information on market, contextual and assembly models for European style market (IEC 62325-451-6:201X)
Okvir za komunikaciju na tržištu električnom energijom – Dio 451-6: Objava informacija o tržišnim, kontekstualnim i skupnim modelima za europsko tržište (IEC 62325-451-6:201X)

EN 62351-3:2014/prA1:2017 en
Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP (IEC 62351-3:2014/am1:201X)
Upravljanje energetskim sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 3. dio: Sigurnost komunikacijske mreže i sustava – Profili koji uključuju TCP/IP (IEC 62351-3:2014/am1:201X)

HZN/TO E79, Alarmni sustavi

prEN 50131-2-10 en
Alarm systems – Intrusion and hold-up systems – Part 2-10: Intrusion detectors – Lock state contacts (magnetic)

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

prEN 61162-450:2017 en
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 450: Multiple talkers and multiple listeners – Ethernet interconnection (IEC 61162-450:201X)
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalna sučelja – 450. dio: Više govornika i više slušatelja – Ethernet interkonekcija (IEC 61162-450:201X)

prEN 61162-460:2017 en
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 460: Multiple talkers and multiple listeners – Ethernet interconnection – Safety and security (IEC 61162-460:201X)
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalno sučelje – 460. dio: Više govornika i više slušatelja – Ethernet povezivanje – Sigurnost i zaštita (IEC 61162-460:201X)

HZN/TO E88, Vjetroagregati

prEN 61400-3-1:2017 en
Wind energy generation systems – Part 3-1: Design requirements for fixed offshore wind turbines (IEC 61400-3-1:201X)

prEN 61400-24:2017 en
Wind energy generation systems – Part 24: Lightning protection (IEC 61400-24:201X)
Sustavi za proizvodnju energije iz vjetra – 24. dio: Zaštita od munje (IEC 61400-24:201X)

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

prEN 60268-21:2017 en
Sound system equipment – Loudspeakers – Acoustical (output based) measurements (IEC 60268-21:201X)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

prEN 50527-2-2:2017 en
Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices – Part 2-2: Specific assessment for workers with cardioverter defibrillators (ICDs)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

prEN 50174-1 en
Information technology – Cabling installation – Part 1: Installation specification and quality assurance
Informacijska tehnologija – Instalacija kabliranja – 1. dio: Specifikacija instalacije i osiguranje kvalitete

prEN 50174-2 en
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings
Informacijska tehnologija – Instalacija kabliranja – 2. dio: Planiranje instalacije i instalacijska praksa unutar zgrada

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

prEN ISO 8654 en
Jewellery – Colours of gold alloys – Definition, range of colours and designation (ISO/DIS 8654:2017)
Nakit – Boje legura zlata – Definicija, raspon boja i označavanje (ISO/DIS 8654:2017)

prEN 15426 en
Candles – Specification for sooting behaviour
Svijeće – Specifikacija za ponašanje čađe

HZN/TU B1, Graditeljstvo 1

prEN 13200-6 en
Spectator facilities – Part 6: Demountable stands
Gledališta – 6. dio: Rasklopive tribine

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

prEN ISO 2812-1 en
Paints and varnishes – Determination of resistance to liquids – Part 1: Immersion in liquids other than water (ISO/FDIS 2812-1:2017)
Boje i lakovi – Određivanje otpornosti na kapljevine – 1. dio: Uranjanje u kapljevine izuzevši vodu (ISO/FDIS 2812-1:2017)

prEN ISO 2812-2 en
Paints and varnishes – Determination of resistance to liquids – Part 2: Water immersion method (ISO/DIS 2812-2:2017)
Boje i lakovi – Određivanje otpornosti na kapljevine – 2. dio: Metoda uranjanja u vodu (ISO/DIS 2812-2:2017)

prEN ISO 2812-4 en
Paints and varnishes – Determination of resistance to liquids – Part 4: Spotting methods (ISO/FDIS 2812-4:2017)
Boje i lakovi – Određivanje otpornosti na kapljevine – 4. dio: Točkaste metode (ISO/FDIS 2812-4:2017)

prEN 14110 en
Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of methanol content
Derivati masti i ulja – Metilni esteri masnih kiselina – Određivanje sadržaja metanola

HZN/TU I2, Strojstvo 2

prEN ISO 19432 en
Building construction machinery and equipment – Portable; hand-held; internal-combustion-engine-driven abrasive cutting machines – Part 1: Safety requirements for cut-off machines for centre-mounted rotating abrasive wheels (ISO/DIS 19432-1:2017)

HZN/TU N1, Nemetalni materijali 1

prEN 993-5 en
Methods of test for dense shaped refractory products – Part 5: Determination of cold crushing strength
Metode ispitivanja neprozirnih vatrostalnih proizvoda – 5. dio: Određivanje otpornosti na hladno lomljenje

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

prEN 14683 en
Medical face masks – Requirements and test methods
Kirurške maske – Zahtjevi i metode ispitivanja

prEN ISO 15747 en
Plastic containers for intravenous injections (ISO/DIS 15747:2017)
Plastični spremnici za intravenske injekcije (ISO/DIS 15747:2017)

prEN ISO 81060-2 en
Non-invasive sphygmomanometers – Part 2: Clinical investigation of intermittent automated measurement type (ISO/DIS 81060-2:2017)
Neinvazivni sfigmomanometri – 2. dio: Klinička ispitivanja automatiziranih vrsta mjerenja (ISO/DIS 81060-2:2017)

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

- FprEN 2084 en
Aerospace series – Cables, electrical, general purpose, with conductors in copper or copper alloy – Technical specification
Zrakoplovstvo – Kabeli, električni, jednožilni, opće namjene, s vodičima od bakra ili od legure bakra – Tehničke specifikacije
- FprEN 2234 en
Aerospace series – Cable, electrical, fire resistant – Technical specification
Zrakoplovstvo – Kabel, električni, otporan na vatru – Tehničke specifikacije
- FprEN 2279 en
Aerospace series – Steel FE-PM37 – 900 MPa ≤ Rm ≤ 1 100 MPa – Forgings – De ≤ 150 mm
- FprEN 2280 en
Aerospace series – Steel FE-PM37 – 900 MPa ≤ Rm ≤ 1 100 MPa – Sheet – a ≤ 6 mm
- FprEN 3264 en
Aerospace series – Pipe coupling 8°30' in titanium alloy – Thrust wire nuts
Nizovi o zrakoplovstvu – Cijevni priključak 8°30' od legure titana – Matice potisne žice
- FprEN 3375-001 en
Aerospace series – Cable, electrical, for digital data transmission – Part 001: Technical specification
Zrakoplovstvo – Električni kabeli za prijenos digitalnih podataka – Dio 001: Tehnička specifikacija
- FprEN 4838-004 en
Aerospace series – Arc fault circuit breakers, single-pole, temperature compensated, rated current 3 A to 25 A – 115 V a.c. 400 Hz constant frequency – Part 004: With signal contact – Product standard
- FprEN 6059-309 en
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 309: Fire resistance when fitted on a cable bundle
- FprEN 9300-100 en
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 100: Common concepts for Long term archiving and retrieval of CAD 3D mechanical information
- prEN 17128 en
Non-approved light motorized vehicles for the transportation of persons and goods and related facilities – Personal light electric vehicles (PLEV) – Safety requirements and test methods

HZN/TU U1, *Opća elektrotehnika 1*

- prEN 61788-25:2017 en
Superconductivity – Part 25: Mechanical properties measurement – Room Temperature Tensile Test on REBCO Wires (IEC 61788-25:201X)
- prEN 62474:2017 en
Material declaration for products of and for the electrotechnical industry (IEC 62474:201X)
Deklaracija materijala za proizvode i elektrotehničku industriju (IEC 62474:201X)

HZN/TU V1, *Elektronika 1*

- prEN 50411-3-4 en
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-4: Fibre management systems, wall box for splice to patchcord connections, for category C and A
- prEN 50411-4-1:2017 en
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 4-1: Passive optical street cabinet for category A
- FprEN 50556:2017 en
Road traffic signal systems
Signalni sustavi cestovnog prometa

prEN 60794-2-50:2017 en
Optical fibre cables – Part 2-50: Indoor optical fibre cables – Family specification for simplex and duplex cables for use in terminated cable assemblies (IEC 60794-2-50:201X)

prEN 61249-2-45:2017 en
Materials for printed boards and other interconnecting structures – Part 2-45: Reinforced base materials clad and unclad – Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity (1.0W/mK) and defined flammability (vertical burning test), copper-clad for lead-free assembly (IEC 61249-2-45:201X)

prEN 61249-2-46:2017 en
Materials for printed boards and other interconnecting structures – Part 2-46: Reinforced base materials clad and unclad – Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity (1.5 W/mK) and defined flammability (vertical burning test), copper-clad for lead-free assembly (IEC 61249-2-46:201X)

prEN 61249-2-47:2017 en
Materials for printed boards and other interconnecting structures – Part 2-47: Reinforced base materials clad and unclad – Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity (2.0W/m K) and defined flammability (vertical burning test), copper-clad for lead-free assembly (IEC 61249-2-47:201X)

prEN 62610-2:2017 en
Mechanical structures for electrical and electronic equipment – Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 series – Part 2: Method for the determination of forced air cooling structure (IEC 62610-2:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

- prEN 50597:2017 en
Energy consumption of vending machines
Potrošnja energije automata za prodaju
- prEN 62282-5-100:2017 en
Fuel cell technologies – Part 5-100: Portable fuel cell power systems – Safety (IEC 62282-5-100:201X)
- prEN 62746-10-3:2017 en
Systems interface between customer energy management system and the power management system – Part 10-3: Adapting smart grid user interface to IEC CIM (IEC 62746-10-3:201X)

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 8, *Brodogradnja*

- HRN EN ISO 8665:2008 en
Mala plovila – Brodski porivni motori i sustavi – Mjerenje snage i deklariranje (ISO 8665:2006; EN ISO 8665:2006)
Small craft – Marine propulsion reciprocating internal combustion engines – Power measurements and declarations (ISO 8665:2006; EN ISO 8665:2006)
- zamijenjena s: HRN EN ISO 8665:2017
- HRN EN ISO 8847:2004 en
Mala plovila – Kormilarski uređaj – Sustavi užadi i užnica (ISO 8847:2004; EN ISO 8847:2004)
Small craft – Steering gear – Cable and pulley systems (ISO 8847:2004; EN ISO 8847:2004)
- zamijenjena s: HRN EN ISO 8847:2017

HRN EN ISO 8847:2004/Ispr.1:2008 en
Mala plovila – Kormilarski uređaj – Sustavi užadi i užnica
(EN ISO 8847:2004/AC:2005)
Small craft – Steering gear – Cable and pulley systems
(EN ISO 8847:2004/AC:2005)
- zamijenjena s: HRN EN ISO 8847:2017

HRN EN ISO 9097:2001 en
Mala plovila – Električni ventilatori (ISO 9097:1991;
EN ISO 9097:1994)
Small craft – Electric fans (ISO 9097:1991; EN ISO 9097:1994)
- zamijenjena s: HRN EN ISO 9097:2017

HRN EN ISO 9097:2001/A1:2008 en
Mala plovila – Električni ventilatori (EN ISO 9097:1994/A1:2000)
Small craft – Electric fans (EN ISO 9097:1994/A1:2000)
- zamijenjena s: HRN EN ISO 9097:2017

HRN EN ISO 10088:2013 en
Mala plovila – Trajno ugrađeni sustavi goriva (ISO 10088:2013;
EN ISO 10088:2013)
Small craft – Permanently installed fuel systems (ISO 10088:2013;
EN ISO 10088:2013)
- zamijenjena s: HRN EN ISO 10088:2017

HRN EN ISO 10133:2013 en
Mala plovila – Električni sustavi – Instalacije za iznimno mali
istospajni napon (ISO 10133:2012; EN ISO 10133:2012)
Small craft – Electrical systems – Extra-low-voltage d.c.
installations (ISO 10133:2012; EN ISO 10133:2012)
- zamijenjena s: HRN EN ISO 10133:2017

HZN/TO 28, Naftni proizvodi i maziva

HRN ISO 8216-1:2011 en
Naftni proizvodi – Razredba goriva (razred F) – 1. dio:
Kategorije brodskih goriva (ISO 8216-1:2010)
Petroleum products – Fuels (class F) classification – Part 1:
Categories of marine fuels (ISO 8216-1:2010)
- zamijenjena s: HRN ISO 8216-1:2017

HRN ISO 8217:2015 en
Naftni proizvodi – Goriva (razred F) – Specifikacije brodskih
goriva (ISO 8217:2012)
Petroleum products – Fuels (class F) – Specifications of
marine fuels (ISO 8217:2012)
- zamijenjena s: HRN ISO 8217:2017

HRN EN 15470:2008 en
Ukapljeni naftni plinovi – Određivanje količine otopljenih
nečistoća – Metoda visokotemperaturne plinske kromatografije
(EN 15470:2007)
Liquefied petroleum gases – Determination of dissolved
residues – High temperature gas chromatographic method
(EN 15470:2007)
- zamijenjena s: HRN EN 15470:2017

HRN EN 15471:2008 en
Ukapljeni naftni plinovi – Određivanje količine otopljenih
nečistoća – Metoda visokotemperaturne gravimetrije
(EN 15471:2007)
Liquefied petroleum gases – Determination of dissolved
residues – High-temperature gravimetric method
(EN 15471:2007)
- zamijenjena s: HRN EN 15471:2017

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

HRN ISO 6658:2007 en
Senzorske analize – Metodologija – Opće upute (ISO 6658:2005)
Sensory analysis – Methodology – General guidance
(ISO 6658:2005)
- zamijenjena s: HRN ISO 6658:2017

HRN ISO 8588:1999 en
Senzorske analize – Metodologija “A” – “ne A” test (ISO 8588:1987)
Sensory analysis – Methodology – “A” – “not A” test (ISO 8588:1987)
- zamijenjena s: HRN ISO 8588:2017

HZN/TO 43, Akustika

HRN ISO 1996-2:2008 en
Akustika – Opis, mjerenje i utvrđivanje buke okoliša – 2. dio:
Određivanje razina buke okoliša (ISO 1996-2:2007)
Acoustics – Description, measurement and assessment of
environmental noise – Part 2: Determination of environmental
noise levels (ISO 1996-2:2007)
- zamijenjena s: HRN ISO 1996-2:2017

HRN EN 15657-1:2010 en
Akustička svojstva građevnih elemenata i zgrada
– Laboratorijsko mjerenje zračnog i strukturnog zvuka od
opreme zgrade – 1. dio: Pojednostavljeni slučajevi gdje je
mobilnost opreme mnogo veća od mobilnosti prijammika,
uzevši hidromasažnu kadu kao primjer (EN 15657-1:2009)
Acoustic properties of building elements and of buildings
– Laboratory measurement of airborne and structure borne
sound from building equipment – Part 1: Simplified cases
where the equipment mobilities are much higher than the
receiver mobilities, taking whirlpool baths as an example
(EN 15657-1:2009)
- zamijenjena s: HRN EN 15657:2017

HZN/TO 89, Furniri i drvne ploče

HRN EN 14354:2008 en
Ploče na osnovi drva – Podne obloge obložene furnirom
(EN 14354:2004+AC:2006)
Wood-based panels – Wood veneer floor covering
(EN 14354:2004+AC:2006)
- zamijenjena s: HRN EN 14354:2017

HZN/TO 126, Duhan i duhanski proizvodi

HRN ISO 13276:1998 en
Duhan i duhanski proizvodi – Određivanje čistoće nikotina
– Gravimetrijska metoda uporabom silikovolframove kiseline
(ISO 13276:1997)
Tobacco and tobacco products – Determination of nicotine
purity – Gravimetric method using tungstosilicic acid
(ISO 13276:1997)
- zamijenjena s: HRN ISO 13276:2017

HZN/TO 135, Nerazorna ispitivanja

HRN EN 1330-9:2010 en,fr,de
Nerazorno ispitivanje – Nazivlje – 9. dio: Nazivi koji
se upotrebljavaju pri ispitivanju akustičnom emisijom
(EN 1330-9:2009)
Non-destructive testing – Terminology – Part 9: Terms used in
acoustic emission testing (EN 1330-9:2009)
- zamijenjena s: HRN EN 1330-9:2017

HZN/TO 136, Namještaj

HRN EN 14988-1:2012 en
Dječje visoke stolice – 1. dio: Sigurnosni zahtjevi
(EN 14988-1:2006+A1:2012)
Children's high chairs – Part 1: Safety requirements
(EN 14988-1:2006+A1:2012)
- zamijenjena s: HRN EN 14988:2017

HRN EN 14988-2:2012 en
Dječje visoke stolice – 2. dio: Metode ispitivanja
(EN 14988-2:2006+A1:2012)
Children's high chairs – Part 2: Test methods
(EN 14988-2:2006+A1:2012)
- zamijenjena s: HRN EN 14988:2017

HZN/TO 163, Toplinska izolacija

HRN EN ISO 6946:2008 en
Građevni dijelovi i građevni dijelovi zgrade – Toplinski
otpor i koeficijent prolaska topline – Metoda proračuna
(ISO 6946:2007; EN ISO 6946:2007)
Building components and building elements – Thermal
resistance and thermal transmittance – Calculation method
(ISO 6946:2007; EN ISO 6946:2007)
- zamijenjena s: HRN EN ISO 6946:2017

HRN EN ISO 10077-1:2008 en
Toplinska svojstva prozora, vrata i zaslona – Proračun
koeficijenta prolaska topline – 1. dio: Općenito
(ISO 10077-1:2006; EN ISO 10077-1:2006)
Thermal performance of windows, doors and shutters
– Calculation of thermal transmittance – Part 1: General
(ISO 10077-1:2006; EN ISO 10077-1:2006)
- zamijenjena s: HRN EN ISO 10077-1:2017

HRN EN ISO 10077-1:2008/Ispr.1:2010 en
Toplinska svojstva prozora, vrata i zaslona – Proračun
koeficijenta prolaska topline – 1. dio: Općenito
(ISO 10077-1:2006/Cor 1:2009; EN ISO 10077-1:2006/AC:2009)
Thermal performance of windows, doors and shutters
– Calculation of thermal transmittance – Part 1: General
(ISO 10077-1:2006/Cor 1:2009; EN ISO 10077-1:2006/AC:2009)
- zamijenjena s: HRN EN ISO 10077-1:2017

- HRN EN ISO 10077-2:2012 en
Toplinske značajke prozora, vrata i zaslona – Proračun koeficijenta prolaska topline – 2. dio: Numerička metoda za okvire (ISO 10077-2:2012; EN ISO 10077-2:2012)
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 2: Numerical method for frames (ISO 10077-2:2012; EN ISO 10077-2:2012)
- zamijenjena s: HRN EN ISO 10077-2:2017
- HRN EN ISO 10077-2:2012/Ispr.1:2012 en
Toplinske značajke prozora, vrata i zaslona – Proračun koeficijenta prolaska topline – 2. dio: Numerička metoda za okvire (ISO 10077-2:2012/Cor 1:2012; EN ISO 10077-2:2012/AC:2012)
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 2: Numerical method for frames – Technical Corrigendum 1 (ISO 10077-2:2012/Cor 1:2012; EN ISO 10077-2:2012/AC:2012)
- zamijenjena s: HRN EN ISO 10077-2:2017
- HRN EN ISO 10211:2008 en
Toplinski mostovi u zgradarstvu – Toplinski tokovi i površinske temperature – Detaljni proračuni (ISO 10211:2007; EN ISO 10211:2007)
Thermal bridges in building construction – Heat flows and surface temperatures – Detailed calculations (ISO 10211:2007; EN ISO 10211:2007)
- zamijenjena s: HRN EN ISO 10211:2017
- HRN EN ISO 12631:2012 en
Toplinska svojstva ovišene fasade – Proračun koeficijenta prolaska topline (ISO 12631:2012; EN ISO 12631:2012)
Thermal performance of curtain walling – Calculation of thermal transmittance (ISO 12631:2012; EN ISO 12631:2012)
- zamijenjena s: HRN EN ISO 12631:2017
- HRN EN 13363-1:2008 en
Naprave za zaštitu od sunca u kombinaciji s ostakljenjem – Proračun sunčanog i svjetlosnog prolaska – 1. dio: Pojednostavljena metoda (EN 13363-1:2003+A1:2007)
Solar protection devices combined with glazing – Calculation of solar and light transmittance – Part 1: Simplified method (EN 13363-1:2003+A1:2007)
- zamijenjena s: HRN EN ISO 52022-1:2017
- HRN EN 13363-1:2008/Ispr.1:2008 en
Naprave za zaštitu od sunca u kombinaciji s ostakljenjem – Proračun sunčanog i svjetlosnog prolaska – 1. dio: Pojednostavljena metoda (EN 13363-1:2003+A1:2007/AC:2008)
Solar protection devices combined with glazing – Calculation of solar and light transmittance – Part 1: Simplified method (EN 13363-1:2003+A1:2007/AC:2008)
- zamijenjena s: HRN EN ISO 52022-1:2017
- HRN EN 13363-2:2008 en
Naprave za zaštitu od sunca u kombinaciji s ostakljenjem – Proračun ukupnog propuštanja sunčeve energije i propuštanja svjetlosti – 2. dio: Detaljna metoda proračuna (EN 13363-2:2005+AC:2006)
Solar protection devices combined with glazing – Calculation of total solar energy transmittance and light transmittance – Part 2: Detailed calculation method (EN 13363-2:2005+AC:2006)
- zamijenjena s: HRN EN ISO 52022-3:2017
- HRN EN ISO 13370:2008 en
Toplinske značajke zgrada – Prijenos topline preko tla – Metode proračuna (ISO 13370:2007; EN ISO 13370:2007)
Thermal performance of buildings – Heat transfer via the ground – Calculation methods (ISO 13370:2007; EN ISO 13370:2007)
- zamijenjena s: HRN EN ISO 13370:2017
- HRN EN ISO 13786:2008 en
Toplinske značajke građevnih dijelova zgrade – Dinamičke toplinske značajke – Metode proračuna (ISO 13786:2007; EN ISO 13786:2007)
Thermal performance of building components – Dynamic thermal characteristics – Calculation methods (ISO 13786:2007; EN ISO 13786:2007)
- zamijenjena s: HRN EN ISO 13786:2017
- HRN EN ISO 13789:2008 en
Toplinske značajke zgrada – Koeficijenti prijelaza topline transmisijom i ventilacijom – Metoda proračuna (ISO 13789:2007; EN ISO 13789:2007)
Thermal performance of buildings – Transmission and ventilation heat transfer coefficients – Calculation method (ISO 13789:2007; EN ISO 13789:2007)
- zamijenjena s: HRN EN ISO 13789:2017
- HRN EN ISO 13790:2008 en
Energijska svojstva zgrada – Proračun potrebne energije za grijanje i hlađenje prostora (ISO 13790:2008; EN ISO 13790:2008)
Energy performance of buildings – Calculation of energy use for space heating and cooling (ISO 13790:2008; EN ISO 13790:2008)
- zamijenjena s: HRN EN ISO 52016-1:2017
- HRN EN ISO 13791:2012 en
Toplinska svojstva zgrada – Proračun unutrašnjih sobnih temperatura u ljetnom razdoblju bez mehaničkog hlađenja – Opći kriteriji i postupci vrednovanja (ISO 13791:2012; EN ISO 13791:2012)
Thermal performance of buildings – Calculation of internal temperatures of a room in summer without mechanical cooling – General criteria and validation procedures (ISO 13791:2012; EN ISO 13791:2012)
- zamijenjena s: HRN EN ISO 52016-1:2017, HRN EN ISO 52017-1:2017
- HRN EN ISO 13792:2012 en
Toplinska svojstva zgrada – Proračun unutrašnjih sobnih temperatura u ljetnom razdoblju bez mehaničkog hlađenja – Pojednostavljene metode (ISO 13792:2012; EN ISO 13792:2012)
Thermal performance of buildings – Calculation of internal temperatures of a room in summer without mechanical cooling – Simplified methods (ISO 13792:2012; EN ISO 13792:2012)
- zamijenjena s: HRN EN ISO 52016-1:2017, HRN EN ISO 52017-1:2017
- HRN EN ISO 14683:2008 en
Toplinski mostovi u zgradarstvu – Linearni koeficijent prolaska topline – Pojednostavljene metode i zadane utvrđene vrijednosti (ISO 14683:2007; EN ISO 14683:2007)
Thermal bridges in building construction – Linear thermal transmittance – Simplified methods and default values (ISO 14683:2007; EN ISO 14683:2007)
- zamijenjena s: HRN EN ISO 14683:2017
- HRN EN 15217:2008 en
Energijska svojstva zgrada – Metode za izražavanje energijskog svojstva zgrada i za certifikaciju zgrada s obzirom na energiju (EN 15217:2007)
Energy performance of buildings – Methods for expressing energy performance and for energy certification of buildings (EN 15217:2007)
- zamijenjena s: HRN EN ISO 52003-1:2017, HRI CEN ISO/TR 52003-2:2017
- HRN EN 15255:2008 en
Energijska svojstva zgrada – Proračun opterećenja primjetnog ohlađivanja prostora – Opći kriteriji i postupci provjeravanja (EN 15255:2007)
Energy performance of buildings – Sensible room cooling load calculation – General criteria and validation procedures (EN 15255:2007)
- zamijenjena s: HRN EN ISO 52016-1:2017, HRN EN ISO 52017-1:2017
- HRN EN 15265:2008 en
Energijska svojstva zgrada – Proračun potrebne energije za grijanje i hlađenje prostora upotrebom dinamičkih metoda – Opći kriteriji i postupci provjeravanja (EN 15265:2007)
Energy performance of buildings – Calculation of energy needs for space heating and cooling using dynamic methods – General criteria and validation procedures (EN 15265:2007)
- zamijenjena s: HRN EN ISO 52016-1:2017, HRN EN ISO 52017-1:2017

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

- HRN EN 81-1:2010 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – 1. dio: Električna dizala (EN 81-1:1998+A3:2009)
Safety rules for the construction and installation of lifts – Part 1: Electric lifts (EN 81-1:1998+A3:2009)
- zamijenjena s: HRN EN 81-20:2014, HRN EN 81-50:2014
- HRN EN 81-2:2010 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – 2. dio: Hidraulična dizala (EN 81-2:1998+A3:2009)
Safety rules for the construction and installation of lifts – Part 2: Hydraulic lifts (EN 81-2:1998+A3:2009)
- zamijenjena s: HRN EN 81-20:2014, HRN EN 81-50:2014

HRN EN 115-1:2010 en
Sigurnost pokretnih stuba i pokretnih traka - 1. dio: Konstrukcija i ugradnja (EN 115-1:2008+A1:2010)
Safety of escalators and moving walks – Part 1: Construction and installation (EN 115-1:2008+A1:2010)
- zamijenjena s: HRN EN 115-1:2017

HZN/TO 219, Podne obloge

HRN EN 13553:2015 en
Elastične podne obloge – Poli(vinil-kloridne) podne obloge za uporabu u izrazito mokrim prostorima – Specifikacija (EN 13553:2015)
Resilient floor coverings – Polyvinyl chloride floor coverings for use in special wet areas – Specification (EN 13553:2015)
- zamijenjena s: HRN EN 13553:2017

HRN EN 13845:2008 en
Elastične podne obloge – Poli(vinil-kloridne) podne obloge povećane otpornosti na klizanje korištenjem zrnaca – Specifikacija (EN 13845:2005)
Resilient floor coverings – Polyvinyl chloride floor coverings with particle based enhanced slip resistance – Specification (EN 13845:2005)
- zamijenjena s: HRN EN 13845:2017

HZN/TO 502, Plinski uređaji

HRN EN 14543:2008 en
Specifikacija uređaja namijenjenih za rad na ukapljeni naftni plin (UNP) – Grijalice-suncobrani – Infracrvene grijalice bez priključaka na dimnjak za uporabu na otvorenom prostoru ili u dovoljno provjetrenim prostorijama (EN 14543:2005+A1:2007)
Specification for dedicated liquefied petroleum gas appliances – Parasol patio heaters – Flueless radiant heaters for outdoor or amply ventilated area use (EN 14543:2005+A1:2007)
- zamijenjena s: HRN EN 14543:2017

HZN/TO 503, Metalni materijali

HRN EN ISO 377:2013 en
Čelik i čelični proizvodi – Položaj i priprema uzoraka i ispitnih uzoraka za mehanička ispitivanja (ISO 377:2013; EN ISO 377:2013)
Steel and steel products – Location and preparation of samples and test pieces for mechanical testing (ISO 377:2013; EN ISO 377:2013)
- zamijenjena s: HRN EN ISO 377:2017

HRN EN 10028-1:2010 en
Plosnati proizvodi od čelika za tlačne namjene – 1. dio: Opći zahtjevi (EN 10028-1:2007+A1:2009+AC:2009)
Flat products made of steels for pressure purposes – Part 1: General requirements (EN 10028-1:2007+A1:2009+AC:2009)
- zamijenjena s: HRN EN 10028-1:2017

HRN EN 10028-2:2010 en
Plosnati proizvodi od čelika za tlačne namjene – 2. dio: Nelegirani i legirani čelici s utvrđenim svojstvima pri povišenoj temperaturi (EN 10028-2:2009)
Flat products made of steels for pressure purposes – Part 2: Non-alloy and alloy steels with specified elevated temperature properties (EN 10028-2:2009)
- zamijenjena s: HRN EN 10028-2:2017

HRN EN 10028-3:2010 en
Plosnati proizvodi od čelika za tlačne namjene – 3. dio: Zavarljivi sitnozrnati čelici, normalizacijski žareni (EN 10028-3:2009)
Flat products made of steels for pressure purposes – Part 3: Weldable fine grain steels, normalized (EN 10028-3:2009)
- zamijenjena s: HRN EN 10028-3:2017

HRN EN 10028-4:2010 en
Plosnati proizvodi od čelika za tlačne namjene – 4. dio: Čelici legirani niklom s utvrđenim svojstvima pri niskim temperaturama (EN 10028-4:2009)
Flat products made of steels for pressure purposes – Part 4: Nickel alloy steels with specified low temperature properties (EN 10028-4:2009)
- zamijenjena s: HRN EN 10028-4:2017

HRN EN 10028-5:2010 en
Plosnati proizvodi od čelika za tlačne namjene – 5. dio: Zavarljivi, sitnozrnati čelici, termomehanički valjani (EN 10028-5:2009)
Flat products made of steels for pressure purposes – Part 5: Weldable fine grain steels, thermomechanically rolled (EN 10028-5:2009)
- zamijenjena s: HRN EN 10028-5:2017

HRN EN 10028-6:2010 en
Plosnati proizvodi od čelika za tlačne namjene – 6. dio: Zavarljivi, poboljšani, sitnozrnati čelici (EN 10028-6:2009)
Flat products made of steels for pressure purposes – Part 6: Weldable fine grain steels, quenched and tempered (EN 10028-6:2009)
- zamijenjena s: HRN EN 10028-6:2017

HRN EN 10120:2009 en
Čelični limovi i trake za zavarene plinske cilindre (EN 10120:2008)
Steel sheet and strip for welded gas cylinders (EN 10120:2008)
- zamijenjena s: HRN EN 10120:2017

HRN EN 10247:2008 en
Mikrografsko ispitivanje sadržaja nemetalnih uključaka u čelicima pomoću normiranih slika (EN 10247:2007)
Micrographic examination of the non-metallic inclusion content of steels using standard pictures (EN 10247:2007)
- zamijenjena s: HRN EN 10247:2017

HRN EN ISO 21809-5:2011 en
Industrija nafte i zemnog plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u cjevovodnim transportnim sustavima – 5. dio: Vanjske betonske prevlake (ISO 21809-5:2010; EN ISO 21809-5:2010)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 5: External concrete coatings (ISO 21809-5:2010; EN ISO 21809-5:2010)
- zamijenjena s: HRN EN ISO 21809-5:2017

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 1359/A1:2007 en
Plinomjeri – Membranski plinomjeri (EN 1359:1998/A1:2006)
Gas meters – Diaphragm meters (EN 1359:1998/A1:2006)
- zamijenjena s: HRN EN 1359:2017

HRN EN 1359:2000 en
Plinomjeri – Membranski plinomjeri (EN 1359:1998)
Gas meters – Diaphragm gas meters (EN 1359:1998)
- zamijenjena s: HRN EN 1359:2017

HRN ISO 1438:2009 en
Hidrometrija – Mjerenje protoka u otvorenim kanalima primjenom tankostjenih preljeva (ISO 1438:2008+Cor 1:2008)
Hydrometry – Open channel flow measurement using thin-plate weirs (ISO 1438:2008+Cor 1:2008)
- zamijenjena s: HRN ISO 1438:2017

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 13915:2008 en
Predgotovljeni zidni paneli od gipsanih ploča s jezgrom iz kartonskog sača – Definicije, zahtjevi i ispitne metode (EN 13915:2007)
Prefabricated gypsum plasterboard panels with a cellular paperboard core – Definitions, requirements and test methods (EN 13915:2007)
- zamijenjena s: HRN EN 13915:2017

HRN EN 14209:2008 en
Predgotovljeni gipsani elementi – Definicije, zahtjevi i ispitne metode (EN 14209:2005)
Preformed plasterboard cornices – Definitions, requirements and test methods (EN 14209:2005)
- zamijenjena s: HRN EN 14209:2017

HRN EN 14353:2010 en
Pomoćni i dodatni metalni profili za uporabu s gipsanim pločama – Definicije, zahtjevi i metode ispitivanja (EN 14353:2007+A1:2010)
Metal beads and feature profiles for use with gypsum plasterboards – Definitions, requirements and test methods (EN 14353:2007+A1:2010)
- zamijenjena s: HRN EN 14353:2017

HRN EN 14496:2008 en

Ljepila na osnovi gipsa za toplinsko/zvučno izolacijske kompozitne panele i gipsane ploče – Definicije, zahtjevi i ispitne metode (EN 14496:2005)
Gypsum based adhesives for thermal/acoustic insulation composite panels and plasterboards – Definitions, requirements and test methods (EN 14496:2005)
- zamijenjena s: HRN EN 14496:2017

HRN EN 15330-2:2008 en

Površine sportskih terena – Sintetičke travnate podloge (travnjaci) i površine izrađene iglom prvenstveno dizajnirane za vanjsku uporabu – 2. dio: Specifikacija za površine izrađene iglom (EN 15330-2:2008)
Surfaces for sports areas – Synthetic turf and needle-punched surfaces primarily designed for outdoor use – Part 2: Specification for needle-punched surfaces (EN 15330-2:2008)
- zamijenjena s: HRN EN 15330-2:2017

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN ISO/TS 17574:2009 en

Elektronička naplata – Smjernice za izradu sigurnosnog profila (ISO/TS 17574:2009; CEN ISO/TS 17574:2009)
Electronic fee collection – Guidelines for security protection profiles (ISO/TS 17574:2009; CEN ISO/TS 17574:2009)
- zamijenjena s: HRS CEN ISO/TS 17574:2017

HZN/TO 528, Oprema za željeznice

HRN EN 15663:2009 en

Željeznički sustav – Definicija referentnih masa vozila (EN 15663:2009)
Railway applications – Definition of vehicle reference masses (EN 15663:2009)
- zamijenjena s: HRN EN 15663:2017

HRN EN 15663:2009/Ispr.1:2010 en

Željeznički sustav – Definicija referentnih masa vozila (EN 15663:2009/AC:2010)
Railway applications – Definition of vehicle reference masses (EN 15663:2009/AC:2010)
- zamijenjena s: HRN EN 15663:2017

HZN/TO 531, Plastika i guma

HRN EN ISO 22007-4:2012 en

Plastika – Određivanje toplinske vodljivosti i toplinske difuzivnosti – 4. dio: Metoda laserskoga bljeska (ISO 22007-4:2008; EN ISO 22007-4:2012)
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 4: Laser flash method (ISO 22007-4:2008; EN ISO 22007-4:2012)
- zamijenjena s: HRN EN ISO 22007-4:2017

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

HRN EN 12831:2004 en

Sustavi grijanja u građevinama – Postupak proračuna normiranoga toplinskog opterećenja (EN 12831:2003)
Heating systems in buildings – Method for calculation of the design heat load (EN 12831:2003)
- zamijenjena s: HRN EN 12831-1:2017

HRN EN 15316-3-1:2008 en

Sustavi grijanja u zgradama – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – Dio 3-1: Sustavi za pripremu potrošne tople vode, pokazatelji potreba prema izljevnome mjestu (EN 15316-3-1:2007)
Heating systems in buildings – Method for calculation of system energy requirements and system efficiencies – Part 3-1: Domestic hot water systems, characterisation of needs (tapping requirements) (EN 15316-3-1:2007)
- zamijenjena s: HRN EN 12831-3:2017

HRN EN 15603:2008 en

Energy performance of buildings – Overall energy use and definition of energy ratings (EN 15603:2008)
- zamijenjena s: HRN EN ISO 52000-1:2017

HRN EN ISO 16484-5:2014 en

Digitalni sustavi upravljanja u zgradama (BACS) – 5. dio: Podatkovni komunikacijski protokol (ISO 16484-5:2014; EN ISO 16484-5:2014)
Building automation and control systems (BACS) – Part 5: Data communication protocol (ISO 16484-5:2014; EN ISO 16484-5:2014)
- zamijenjena s: HRN EN ISO 16484-5:2017

HZN/TO 550, Opskrba vodom

HRN EN 816:2008 en

Sanitarne armature – Ventili s automatskim isključivanjem PN 10 (EN 816:1996)
Sanitary tapware – Automatic shut-off valves PN 10 (EN 816:1996)
- zamijenjena s: HRN EN 816:2017

HRN EN 1111:2008 en

Sanitarne armature – Termostatske miješalice (PN 10) – Opća tehnička specifikacija (EN 1111:1998)
Sanitary tapware – Thermostatic mixing valves (PN 10) – General technical specification (EN 1111:1998)
- zamijenjena s: HRN EN 1111:2017

HRN EN 1287:2005 en

Sanitarne armature – Niskotlačni termostatski miješajući ventili – Opća tehnička specifikacija (EN 1287:1999)
Sanitary tapware – Low pressure thermostatic mixing valves – General technical specifications (EN 1287:1999)
- zamijenjena s: HRN EN 1287:2017

HRN EN 12485:2011 en

Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Kalcijev karbonat, vapno s visokim udjelom kalcija, polužareni dolomit, magnezij oksid i kalcijev magnezijev karbonat – Metode ispitivanja (EN 12485:2010)
Chemicals used for treatment of water intended for human consumption – Calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide and calcium magnesium carbonate – Test methods (EN 12485:2010)
- zamijenjena s: HRN EN 12485:2017

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 11137-3:2007 en

Sterilizacija proizvoda za zdravstvenu skrb – Zračenje – 3. dio: Vodič dozimetrijskih uvjeta (ISO 11137-3:2006; EN ISO 11137-3:2006)
Sterilization of health care products – Radiation – Part 3: Guidance on dosimetric aspects (ISO 11137-3:2006; EN ISO 11137-3:2006)
- zamijenjena s: HRN EN ISO 11137-3:2017

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

HRN EN ISO 10272-1:2008 en

Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti i brojenje *Campylobacter* spp. – 1. dio: Metoda dokazivanja (ISO 10272-1:2006; EN ISO 10272-1:2006)
Microbiology of food and animal feeding stuffs – Horizontal method for detection and enumeration of *Campylobacter* spp. – Part 1: Detection method (ISO 10272-1:2006; EN ISO 10272-1:2006)
- zamijenjena s: HRN EN ISO 10272-1:2017

HRS ISO/TS 10272-2:2008 en

Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti i brojenje *Campylobacter* spp. – 2. dio: Postupak određivanja broja kolonija (ISO/TS 10272-2:2006)
Microbiology of food and animal feeding stuffs – Horizontal method for detection and enumeration of *Campylobacter* spp. – Part 2: Colony-count technique (ISO/TS 10272-2:2006)
- zamijenjena s: HRN EN ISO 10272-2:2017

HRN ISO 21528-1:2008 en

Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti i brojenje Enterobacteriaceae – 1. dio: Određivanje prisutnosti i postupak određivanja najvjerojatnijeg broja s prednamnažanjem (ISO 21528-1:2004)
Microbiology of food and animal feeding stuffs – Horizontal methods for the detection and enumeration of Enterobacteriaceae – Part 1: Detection and enumeration by MPN technique with pre-enrichment (ISO 21528-1:2004)
- zamijenjena s: HRN EN ISO 21528-1:2017

HRN ISO 21528-2:2008 en

Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti i brojenje Enterobacteriaceae – 2. dio: Metoda određivanja broja kolonija (ISO 21528-2:2004)
Microbiology of food and animal feeding stuffs – Horizontal methods for the detection and enumeration of Enterobacteriaceae – Part 2: Colony-count method (ISO 21528-2:2004)
- zamijenjena s: HRN EN ISO 21528-2:2017

HRS ISO/TS 21872-1:2008 en

Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti moguće enteropatogenih *Vibrio* spp. – 1. dio: Dokazivanje prisutnosti *Vibrio parahaemolyticus* i *Vibrio cholerae* (ISO/TS 21872-1:2007)
Microbiology of food and animal feeding stuffs – Horizontal method for the detection of potentially enteropathogenic *Vibrio* spp. – Part 1: Detection of *Vibrio parahaemolyticus* and *Vibrio cholerae* (ISO/TS 21872-1:2007)
- zamijenjena s: HRN EN ISO 21872-1:2017

HRS ISO/TS 21872-1:2008/Ispr.1:2014 en

Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti moguće enteropatogenih *Vibrio* spp. – 1. dio: Dokazivanje prisutnosti *Vibrio parahaemolyticus* i *Vibrio cholerae* (ISO/TS 21872-1:2007/Cor 1:2008)
Microbiology of food and animal feeding stuffs – Horizontal method for the detection of potentially enteropathogenic *Vibrio* spp. – Part 1: Detection of *Vibrio parahaemolyticus* and *Vibrio cholerae* (ISO/TS 21872-1:2007/Cor 1:2008)
- zamijenjena s: HRN EN ISO 21872-1:2017

HRS ISO/TS 21872-2:2008 en

Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti moguće enteropatogenih *Vibrio* spp. – 2. dio: Dokazivanje prisutnosti svih drugih vrsta osim *Vibrio parahaemolyticus* i *Vibrio cholerae* (ISO/TS 21872-2:2007)
Microbiology of food and animal feeding stuffs – Horizontal method for the detection of potentially enteropathogenic *Vibrio* spp. – Part 2: Detection of species other than *Vibrio parahaemolyticus* and *Vibrio cholerae* (ISO/TS 21872-2:2007)
- zamijenjena s: HRN EN ISO 21872-1:2017

HZN/TO 569, Hrana za životinje

HRN EN 15510:2008 en

Hrana za životinje – Određivanje kalcija, natrija, fosfora, magnezija, kalija, željeza, cinka, bakra, mangana, kobalta, molibdena, arsena, olova i kadmija ICP-AES-om (EN 15510:2007)
Animal feeding stuffs – Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead and cadmium by ICP-AES (EN 15510:2007)
- zamijenjena s: HRN EN 15510:2017

HRN EN 15550:2008 en

Hrana za životinje – Određivanje kadmija i olova atomskom apsorpcijskom spektrometrijom s grafitnom peći (GF-AAS) nakon razgradnje pod tlakom (EN 15550:2007)
Animal feeding stuffs – Determination of cadmium and lead by graphite furnace atomic absorption spectrometry (GF-AAS) after pressure digestion (EN 15550:2007)
- zamijenjena s: HRN EN 15550:2017

HRN EN 15621:2012 en

Hrana za životinje – Određivanje kalcija, natrija, fosfora, magnezija, kalija, sumpora željeza, cinka, bakra, mangana, kobalta i molibdena ICP-AES-om nakon razgradnje pod tlakom (EN 15621:2012)
Animal feeding stuffs – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt after pressure digestion by ICP-AES (EN 15621:2012)
- zamijenjena s: HRN EN 15621:2017

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

HRN ISO 10007:2009 en

Sustavi upravljanja kvalitetom – Smjernice za upravljanje konfiguracijom (ISO 10007:2003)
Quality management systems – Guidelines for configuration management (ISO 10007:2003)
- zamijenjena s: HRN ISO 10007:2017

HZN/TO E501, Elektroakustika i ultrazvuk

HRN IEC 60500:2002 en

Hidrofon-etalon prema IEC-u (IEC 60500:1974)
IEC standard hydrophone (IEC 60500:1974)
- zamijenjena s: HRN EN 60500:2017

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

HRN EN 15838:2010 en

Centri za korisnike – Zahtjevi za pružanje usluga (EN 15838:2009)
Customer contact centres – Requirements for service provision (EN 15838:2009)
- zamijenjena s: HRN EN ISO 18295-1:2017,
HRN EN ISO 18295-2:2017

HZN/TU B1, Graditeljstvo 1

HRI CEN/TR 15615:2009 en

Explanation of the general relationship between various European standards and the Energy Performance of Buildings Directive (EPBD) – Umbrella Document (CEN/TR 15615:2008)
- zamijenjena s: HRI CEN ISO/TR 52000-2:2017

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

HRN EN 13523-8:2011 en

Metali zaštićeni trakom – Metode ispitivanja – 8. dio: Otpornost na slanu maglu (EN 13523-8:2010)
Coil coated metals – Test methods – Part 8: Resistance to salt spray (fog) (EN 13523-8:2010)
- zamijenjena s: HRN EN 13523-8:2017

HRN EN 13523-21:2011 en

Metali zaštićeni trakom – Metode ispitivanja – 21. dio: Ocjena ploča izloženih vanjskim utjecajima (EN 13523-21:2010)
Coil coated metals – Test methods – Part 21: Evaluation of outdoor exposed panels (EN 13523-21:2010)
- zamijenjena s: HRN EN 13523-21:2017

HRN EN 13523-24:2005 en

Metali zaštićeni trakom – Metode ispitivanja – 24. dio: Otpornost na sljepljivanje i oštećenja pod pritiskom (EN 13523-24:2004)
Coil coated metals – Test method – Part 24: Resistance to blocking and pressure marking (EN 13523-24:2004)
- zamijenjena s: HRN EN 13523-24:2017

HZN/TU N1, Nemetalni materijali 1

HRN EN 16214-3:2013 en

Održivi kriteriji za proizvodnju biogoriva i biotekućina za dobivanje energije – Načela, kriteriji, indikatori i provjere – 3. dio: Bioraznolikost i ekološki aspekti vezani za zaštitu prirode (EN 16214-3:2012)
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 3: Biodiversity and environmental aspects related to nature protection purposes (EN 16214-3:2012)
- zamijenjena s: HRN EN 16214-3:2017

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

HRN EN ISO 80601-2-56:2012 en

Medicinski električni uređaji – Dio 2-56: Posebni zahtjevi za osnovnu sigurnost i nužne značajke kliničkih termometara za mjerenje tjelesne temperature (ISO 80601-2-56:2009; EN ISO 80601-2-56:2012)
Medical electrical equipment – Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement (ISO 80601-2-56:2009; EN ISO 80601-2-56:2012)
- zamijenjena s: HRN EN ISO 80601-2-56:2017

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

HRN EN 3302:2008 en

Nizovi o zrakoplovstvu – Vijci od čelika otpornog na toplinu FE-PM1708 (FV535) – Klasifikacija: 1000 MPa/550 °C – Tehnička specifikacija (EN 3302:2007)
Aerospace series – Bolts in heat resisting steel FE-PM1708 (FV535) – Classification: 1000 MPa/550 °C – Technical specification (EN 3302:2007)
- zamijenjena s: HRN EN 3302:2017

HRN EN 4681-001:2013 en

Zrakoplovni niz – Kabeli, električni, opća namjene, s aluminijskim vodičem ili aluminijskim vodičem presvučenim bakrom – 001. dio: Tehničke značajke (EN 4681-001:2012)
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 001: Technical specification (EN 4681-001:2012)
- zamijenjena s: HRN EN 4681-001:2017

HZN/TU W1, Energetska elektrotehnika 1

HRN IEC 60092-504:2001 en

Brodске električne instalacije – 504. dio: Posebne značajke – Upravljanje i instrumentacija (IEC 60092-504:2001)
Electrical installations in ships – Part 504: Special features – Control and instrumentation (IEC 60092-504:2001)
- bez zamjene

1.6 Ispravci hrvatskih norma

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

HZN/TO 219, Podne obloge

- **umjesto:**

HRN EN ISO 11378-2:2004

Tekstilne podne obloge – Laboratorijska ispitivanja **zemljom** – 2. dio: Ispitivanje bubnjem (ISO 11378-2:2001; EN ISO 11378-2:2001)
Textile floor coverings – Laboratory soiling tests – Part 2: Drum test (ISO 11378-2:2001; EN ISO 11378-2:2001)

- **treba biti:**

HRN EN ISO 11378-2:2004

Tekstilne podne obloge – Laboratorijska ispitivanja **sklonosti onečišćenju** – 2. dio: Ispitivanje bubnjem (ISO 11378-2:2001; EN ISO 11378-2:2001)
Textile floor coverings – Laboratory soiling tests – Part 2: Drum test (ISO 11378-2:2001; EN ISO 11378-2:2001)

HZN/TO 513, Mjerne jedinice i mjerila

- **umjesto**

HRN ISO 4359:2014

Mjerenje protoka tekućine u otvorenim kanalima – Pravokutna, trapezna i U-oblikovana suženja toka (ISO 4359:2013)
Liquid flow measurement in open channels – Rectangular, trapezoidal and U-shaped flumes (ISO 4359:2013)

- **treba biti**

HRN ISO 4359:2014

Strukture za mjerenje protoka – Pravokutna, **trapezoidna** i U-oblikovana suženja toka (ISO 4359:2013)
Flow measurement structures – Rectangular, trapezoidal and U-shaped flumes (ISO 4359:2013)

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 E100, Audio, video i multimedijски sustavi te njihova oprema

HRN EN 60728-101:2017 en pr

Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 101. dio: Značajke sustava direktnih putova, opterećenih samo digitalnim kanalima (TA/5) (IEC 60728-101:2016; EN 60728-101:2017)
Cable networks for television signals, sound signals and interactive services – Part 101: System performance of forward paths loaded with digital channels only (TA/5) (IEC 60728-101:2016; EN 60728-101:2017)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

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

Međunarodna normizacija
ISO

ISO 5127:2017
Information and documentation – Foundation and vocabulary

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

Međunarodna normizacija
ISO

ISO 19731:2017
Digital analytics and web analyses for purposes of market, opinion and social research – Vocabulary and service requirements

01.040.21 Mehanički sustavi i sastavni dijelovi za opću upotrebu (Rječnici)

Međunarodna normizacija
ISO

ISO 21940-2:2017
Mechanical vibration – Rotor balancing – Part 2: Vocabulary

01.040.77 Metalurgija (Rječnici)

Međunarodna normizacija
ISO

ISO 6372:2017
Nickel and nickel alloys – Terms and definitions

01.080.10 Simboli za javne obavijesti

Međunarodna normizacija
ISO

ISO 7001 AMD 4:2017
Graphical symbols – Public information symbols; Amendment 4

01.120 Normizacija. Opća pravila

Međunarodna normizacija
ISO

ISO/IEC Directives Part 1
Procedures for the technical work

IEC

ISO/IEC Directives Part 1
Procedures for the technical work

IECEX 01:2017
IEC System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres (IECEX System) – Basic Rules

01.140.20 Informacijske znanosti

Međunarodna normizacija
ISO

ISO 5127:2017
Information and documentation – Foundation and vocabulary

03.020 Sociologija. Demografija

Međunarodna normizacija
ISO

ISO 19731:2017
Digital analytics and web analyses for purposes of market, opinion and social research – Vocabulary and service requirements

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Međunarodna normizacija
ISO

ISO 20700:2017
Guidelines for management consultancy services

03.100.02 Odgovorno upravljanje i etika

Europska normizacija
CEN

CWA 17145-1:2017
Ethics assessment for research and innovation – Part 1: Ethics committee

03.100.20 Trgovina. Trgovačka djelatnost. Marketing

Međunarodna normizacija
ISO

ISO 19731:2017
Digital analytics and web analyses for purposes of market, opinion and social research – Vocabulary and service requirements

03.100.30 Upravljanje ljudskim resursima

Međunarodna normizacija
ISO

ISO/TR 30406:2017
Human resource management – Sustainable employability management for organizations

03.100.40 Istraživanje i razvoj

Europska normizacija
CEN

CWA 17145-1:2017
Ethics assessment for research and innovation – Part 1: Ethics committee

03.120.01 Kvaliteta općenito

Europska normizacija
CENELEC

EN 60300-3-3:2017
Dependability management – Part 3-3: Application guide – Life cycle costing (IEC 60300-3-3:2017)

03.120.20 Certificiranje proizvoda i tvrtki. Ocjenjivanje sukladnosti

Međunarodna normizacija IEC

IECEE 02-3:2016
Scheme of the IECEE for Mutual Recognition of Test Certificates for Electrotechnical Equipment and Components (CB Scheme) – Peer Assessment Programme

IECEE 03:2016
IECEE System – Scheme of the IECEE for Mutual Recognition of Conformity Assessment Certificates for Electrotechnical Equipment and Components (CB FCS Scheme) – Rules of Procedure

03.120.30 Primjena statističkih metoda

Međunarodna normizacija ISO

ISO 11843-5 AMD 1:2017
Capability of detection – Part 5: Methodology in the linear and non-linear calibration cases; Amendment 1

07.100.20 Mikrobiologija vode

Međunarodna normizacija ISO

ISO 11731:2017
Water quality – Enumeration of Legionella

07.100.30 Mikrobiologija hrane

Međunarodna normizacija ISO

ISO 11290-1:2017
Microbiology of the food chain – Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp. – Part 1: Detection method

ISO 11290-2:2017
Microbiology of the food chain – Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp. – Part 2: Enumeration method

11.040.01 Medicinska oprema općenito

Međunarodna normizacija IEC

IEC 60601-2-75:2017
Medical electrical equipment – Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment

IEC TR 60601-4-1:2017
Medical electrical equipment – Part 4-1: Guidance and interpretation – Medical electrical equipment and medical electrical systems employing a degree of autonomy

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija ISO

ISO 80601-2-74:2017
Medical electrical equipment – Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment

11.040.25 Šprice. Igle. Kateteri

Međunarodna normizacija ISO

ISO 7886-1:2017
Sterile hypodermic syringes for single use – Part 1: Syringes for manual use

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

ISO 19233-1:2017
Implants for surgery – Orthopaedic joint prosthesis – Part 1: Procedure for producing parametric 3D bone models from CT data of the knee

11.040.50 Radiografska oprema

Međunarodna normizacija IEC

IEC 60601-2-43:2010/Amd1:2017
Amendment 1 – Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures

IEC 60601-2-43:2010+Amd1:2017
Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures

IEC 60601-2-65:2012/Amd1:2017
Amendment 1 – Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment

IEC 60601-2-65:2012+Amd1:2017
Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment

11.040.55 Dijagnostička oprema

Međunarodna normizacija ISO

ISO 19614:2017
Traditional Chinese medicine – Pulse graph force transducer

11.040.70 Oftalmološka oprema

Međunarodna normizacija ISO

ISO 10939:2017
Ophthalmic instruments – Slit-lamp microscopes

ISO 15798 AMD 1:2017
Ophthalmic implants – Ophthalmic viscosurgical devices; Amendment 1

ISO/TR 18476:2017
Ophthalmic optics and instruments – Free form technology – Spectacle lenses and measurement

11.040.99 Ostala medicinska oprema

Međunarodna normizacija ISO

ISO 19611:2017
Traditional Chinese medicine – Air extraction cupping device

ISO 20308:2017
Traditional Chinese medicine – Gua Sha instruments

ISO 20498-2:2017
Traditional Chinese medicine – Computerized tongue image analysis system – Part 2: Light environment

11.060.20 Stomatološka oprema

Međunarodna normizacija ISO

ISO 1797:2017
Dentistry – Shanks for rotary and oscillating instruments

ISO 7787-3:2017
Dentistry – Laboratory cutters – Part 3: Carbide cutters for milling machines

ISO 19715:2017
Dentistry – Filling instrument with contra angle

IEC

IEC 60601-2-65:2012/Amd1:2017
Amendment 1 – Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment

IEC 60601-2-65:2012+Amd1:2017
Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment

11.060.25 Stomatološki instrumenti

Međunarodna normizacija ISO

ISO 19490:2017
Dentistry – Sinus membrane elevator

11.100.20 Biološko vrednovanje medicinskih proizvoda

Međunarodna normizacija ISO

ISO 10993-16:2017
Biological evaluation of medical devices – Part 16: Toxicokinetic study design for degradation products and leachables

11.120.10 Lijekovi

Međunarodna normizacija ISO

ISO 20409:2017
Traditional Chinese medicine – Panax notoginseng root and rhizome

13.020.50 Ekološko označivanje

Europska normizacija CEN

EN 16810:2017
Resilient, textile and laminate floor coverings – Environmental product declarations – Product category rules

13.020.55 Proizvodi na biološkoj osnovi

Europska normizacija CEN

EN 16935:2017
Bio-based products – Requirements for Business-to-Consumer communication and claims

13.160 Utjecaj vibracija i udara na ljude

Međunarodna normizacija ISO

ISO 8041-1:2017
Human response to vibration – Measuring instrumentation – Part 1: General purpose vibration meters

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija CENELEC

EN 60695-1-30:2017
Fire hazard testing – Part 1-30: Guidance for assessing the fire hazard of electrotechnical products – Preselection testing process – General guidelines (IEC 60695-1-30:2017)

Međunarodna normizacija ISO

ISO 5659-2:2017
Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test

ISO 21927-7:2017
Smoke and heat control systems – Part 7: Smoke ducts sections

ISO 21927-8:2017
Smoke and heat control systems – Part 8: Smoke control dampers

13.310 Zaštita od kriminala

Europska normizacija CEN

CWA 17147:2017
Guidelines for the evaluation of installed security systems, based on the STEFi dimensions

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija CENELEC

EN 50131-1:2006/A2:2017
Alarm systems – Intrusion and hold-up systems – Part 1: System requirements

17.020 Mjeriteljstvo i mjerenje općenito

Međunarodna normizacija ISO

ISO 11843-5 AMD 1:2017
Capability of detection – Part 5: Methodology in the linear and non-linear calibration cases; Amendment 1

17.040.20 Svojstva površina

Međunarodna normizacija ISO

ISO 25178-72:2017
Geometrical product specifications (GPS) – Surface texture: Areal – Part 72: XML file format x3p

17.120.20 Protok u otvorenim kanalima

Međunarodna normizacija ISO

ISO 1438:2017
Hydrometry – Open channel flow measurement using thin-plate weirs

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija ISO

ISO 16063-45:2017
Methods for the calibration of vibration and shock transducers – Part 45: In-situ calibration of transducers with built in calibration coil

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija CENELEC

EN 61340-5-1:2016/AC:2017
Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements (IEC 61340-5-1:2016/Cor1:2017)

Međunarodna normizacija IEC

IEC 61340-5-1:2016/Cor1:2017
Corrigendum 1 – Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements

IEC 62586-1:2017
Power quality measurement in power supply systems – Part 1: Power quality instruments (PQI)

IEC 62754:2017
Computation of waveform parameter uncertainties

IEC 62974-1:2017
Monitoring and measuring systems used for data collection, gathering and analysis – Part 1: Device requirements

IEC/TR 62981:2017
Studies and comparisons of magnetic measurements on grain-oriented electrical steel sheet determined by the single sheet test method and Epstein test method

17.240 Mjerenja zračenja

Međunarodna normizacija ISO

ISO/ASTM 51205:2017
Practice for use of a ceric-cerous sulfate dosimetry system

IEC 61504:2017
Nuclear facilities – Instrumentation and control systems important to safety – Centralized systems for continuous monitoring of radiation and/or levels of radioactivity

19.100 Nerazorna ispitivanja

Međunarodna normizacija IEC

IEC 62976:2017
Industrial non-destructive testing equipment – Electron linear accelerator

21.120.40 Uravnoteženje i strojevi za uravnoteženje

Međunarodna normizacija ISO

ISO 21940-2:2017
Mechanical vibration – Rotor balancing – Part 2: Vocabulary

23.020.10 Nepomični kontejneri i spremnici

Europska normizacija CEN

CEN/TR 13121-5:2017
GRP tanks and vessels for use above ground – Part 5: Example calculation of a GRP-vessel

23.020.35 Plinske boce

Europska normizacija CEN

EN 1442:2017
LPG equipment and accessories – Transportable refillable welded steel cylinders for LPG – Design and construction

Međunarodna normizacija ISO

ISO/TR 19811:2017
Gas cylinders – Service life testing for cylinders and tubes of composite construction

23.060.01 Zaporni uređaji općenito

Međunarodna normizacija ISO

ISO 19240:2017
Industrial valves – Lined metal quarter turn and check valves for chemical process and related industries

23.060.50 Protupovratni ventili

Međunarodna normizacija ISO

ISO 19240:2017
Industrial valves – Lined metal quarter turn and check valves for chemical process and related industries

25.040.01 Sustavi industrijske automatizacije općenito

Europska normizacija CENELEC

EN 62714-3:2017
Engineering data exchange format for use in industrial automation systems engineering – Automation markup language – Part 3: Geometry and kinematics (IEC 62714-3:2017)

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija IEC

IEC 61326-3-1:2017
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) – General industrial applications

25.140.20 Električni alati

Međunarodna normizacija IEC

IEC 62841-2-21:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-21: Particular requirements for hand-held drain cleaners

25.160.10 Procesi zavarivanja

Međunarodna normizacija ISO

- ISO 14555:2017
Welding – Arc stud welding of metallic materials

25.160.40 Zavareni spojevi i zavari

Europska normizacija CEN

- EN 13100-1:2017
Non destructive testing of welded joints of thermoplastics semi-finished products – Part 1: Visual examination

25.220.99 Ostale obrade i prevlake

Međunarodna normizacija ISO

- ISO 20267:2017
Thermal spraying – Determination of interfacial toughness of ceramic coatings by indentation

27.020 Motori s unutrašnjim izgaranjem

Međunarodna normizacija ISO

- ISO 4548-12:2017
Methods of test for full-flow lubricating oil filters for internal combustion engines – Part 12: Filtration efficiency using particle counting and contaminant retention capacity

27.120.20 Nuklearne elektrane. Sigurnost

Međunarodna normizacija IEC

- IEC 61504:2017
Nuclear facilities – Instrumentation and control systems important to safety – Centralized systems for continuous monitoring of radiation and/or levels of radioactivity

27.140 Hidroenergetika

Međunarodna normizacija IEC

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

27.160 Solarna energetika

Europska normizacija CENELEC

- EN 61215-1-3:2017
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (IEC 61215-1-3:2016)
- EN 61215-1-4:2017
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)₂ based photovoltaic (PV) modules (IEC 61215-1-4:2016)
- EN 61724-1:2017
Photovoltaic system performance – Part 1: Monitoring (IEC 61724-1:2017)
- EN 62670-3:2017
Photovoltaic concentrators (CPV) – Performance testing – Part 3: Performance measurements and power rating (IEC 62670-3:2017)

- EN 62788-1-6:2017
Measurement procedures for materials used in photovoltaic modules – Part 1-6: Encapsulants – Test methods for determining the degree of cure in Ethylene-Vinyl Acetate (IEC 62788-1-6:2017)

- EN 62925:2017
Concentrator photovoltaic (CPV) modules – Thermal cycling test to differentiate increased thermal fatigue durability (IEC 62925:2016)

Međunarodna normizacija IEC

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

27.180 Sustavi vjetroagregata

Europska normizacija CEN

- EN 15316-4-10:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-10: Wind power generation systems, Module M11-8-7

29.020 Elektrotehnika općenito

Europska normizacija CENELEC

- EN 60300-3-3:2017
Dependability management – Part 3-3: Application guide – Life cycle costing (IEC 60300-3-3:2017)
- EN 60695-1-30:2017
Fire hazard testing – Part 1-30: Guidance for assessing the fire hazard of electrotechnical products – Preselection testing process – General guidelines (IEC 60695-1-30:2017)

Međunarodna normizacija IEC

- IECEE 02-3:2016
Scheme of the IECEE for Mutual Recognition of Test Certificates for Electrotechnical Equipment and Components (CB Scheme) – Peer Assessment Programme
- IECEE 03:2016
IECEE System – Scheme of the IECEE for Mutual Recognition of Conformity Assessment Certificates for Electrotechnical Equipment and Components (CB FCS Scheme) – Rules of Procedure

29.030 Magnetni materijali

Međunarodna normizacija IEC

- IEC/TR 62981:2017
Studies and comparisons of magnetic measurements on grain-oriented electrical steelsheet determined by the single sheet test method and Epstein test method

29.035.01 Izolacijski materijali općenito

Međunarodna normizacija IEC

- IEC/TR 60493-3:2017
Guidelines for the statistical analysis of ageing test data – Part 3: Minimum specimen numbers at different test conditions with given experimental data

29.060.10 Žice

Međunarodna normizacija IEC

IEC 60317-0-10:2017
Specifications for particular types of winding wires – Part 0-10: General requirements – Polyester glass-fibre wound fused, unvarnished, or resin or varnish impregnated, bare or enamelled round copper wire

IEC 60317-70:2017
Specifications for particular types of winding wires – Part 70: Polyester glass-fibre wound fused, unvarnished or resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155

IEC 60317-71:2017
Specifications for particular types of winding wires – Part 71: Polyester glass-fibre wound fused and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180

IEC 60317-72:2017
Specifications for particular types of winding wires – Part 72: Polyester glass-fibre wound fused, silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200

29.060.20 Kabeli

Europska normizacija CENELEC

EN 50620:2017
Electric cables – Charging cables for electric vehicles

Međunarodna normizacija IEC

IEC 62895:2017
High voltage direct current (HVDC) power transmission – Cables with extruded insulation and their accessories for rated voltages up to 320 kV for land applications – Test methods and requirements

29.100.10 Magnetski sastavni dijelovi

Međunarodna normizacija IEC

IEC TR 63090:2017
Dimensional tolerances of ferrite cores

29.120.30 Utikači, utičnice, sprežnici

Međunarodna normizacija IEC

IEC 60884-2-5:2017
Plugs and socket-outlets for household and similar purposes – Part 2-5: Particular requirements for adaptors

29.120.70 Sklopnici (releji)

Međunarodna normizacija IEC

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

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

29.140.10 Kape i držači svjetiljki

Međunarodna normizacija IEC

IEC 61184:2017
Bayonet lampholders

29.140.40 Rasvjetna tijela

Europska normizacija CENELEC

EN 60598-1:2015/AC:2017
Luminaires – Part 1: General requirements and tests (IEC 60598-1:2014/Cor3:2017)

Međunarodna normizacija IEC

IEC 60598-1:2014/Cor3:2017
Corrigendum 3 – Luminaires – Part 1: General requirements and tests

IEC 60598-2-17:2017
Luminaires – Part 2-17: Particular requirements – Luminaires for stage lighting, television and film studios (outdoor and indoor)

29.140.50 Rasvjetni instalacijski sustavi

Međunarodna normizacija IEC

IEC 62386-301:2017
Digital addressable lighting interface – Part 301: Particular requirements – Input devices – Push buttons

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

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

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

29.140.99 Ostale norme koje se odnose na svjetiljke

Međunarodna normizacija IEC

IEC 62386-301:2017
Digital addressable lighting interface – Part 301: Particular requirements – Input devices – Push buttons

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

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

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

29.160.01 Rotacijski strojevi općenito

Međunarodna normizacija IEC

IEC 60034-1:2017 RLV
Rotating electrical machines – Part 1: Rating and performance

29.180 Transformatori. Prigušnice

Međunarodna normizacija IEC

IEC/IEEE 60076-57-1202:2017
Power transformers – Part 57-1202: Liquid immersed phase-shifting transformers

IEC TR 60919-1:2010/Amd2:2017
Amendment 2 – Performance of high-voltage direct current (HVDC) systems with line-commutated converters – Part 1: Steady-state conditions

IEC TR 60919-1:2010+Amd1:2013+Amd2:2017
Performance of high-voltage direct current (HVDC) systems with line-commutated converters – Part 1: Steady-state conditions

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Međunarodna normizacija IEC

IEC TR 62543:2011/Amd2:2017
Amendment 2 – High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC)

IEC TR 62543:2011+Amd1:2013+Amd2:2017
High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC)

IEC 62909-1:2017
Bi-directional grid connected power converters – Part 1: General requirements

29.220.20 Kiseli sekundarni članci i baterije

Europska normizacija CENELEC

EN 62877-1:2016/AC:2017
Electrolyte and water for vented lead acid accumulators – Part 1: Requirements for electrolyte (IEC 62877-1:2016/Cor1:2017)

Međunarodna normizacija IEC

IEC 62877-1:2016/Cor1:2017
Corrigendum 1 – Electrolyte and water for vented lead acid accumulators – Part 1: Requirements for electrolyte

29.220.30 Alkalni sekundarni članci i baterije

Europska normizacija CENELEC

EN 61951-1:2017
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 1: Nickel-cadmium (IEC 61951-1:2017)

EN 61960-3:2017
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for portable applications – Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them (IEC 61960-3:2017)

EN 62133-1:2017
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 1: Nickel systems (IEC 62133-1:2017)

EN 62133-2:2017
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems (IEC 62133-2:2017)

EN 62619:2017
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications (IEC 62619:2017)

29.220.99 Ostali članci i baterije

Europska normizacija CENELEC

EN 60623:2017
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Vented nickel-cadmium prismatic rechargeable single cells (IEC 60623:2017)

29.240.20 Vodovi za prijenos i razdiobu električne energije

Europska normizacija CENELEC

EN 50341-2-9:2017
Overhead electrical lines exceeding AC 1 kV – Part 2-9: National Normative Aspects (NNA) for Great Britain and Northern Ireland (based on EN 50341-1:2012)

29.260.20 Električni uređaji za eksplozivnu atmosferu

Međunarodna normizacija IEC

IECEx 01:2017
IEC System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres (IECEx System) – Basic Rules

IECEx 02:2016
IEC System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres (IECEx System) – Rules of Procedure

IECEx 05:2013
IECEx Scheme for Certification of Personnel Competence for Explosive Atmospheres – Rules of Procedure

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

31.020 Elektronički sastavni dijelovi općenito

Europska normizacija CENELEC

EN 61340-5-1:2016/AC:2017
Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements (IEC 61340-5-1:2016/Cor1:2017)

EN 61709:2017
Electric components – Reliability – Reference conditions for failure rates and stress models for conversion (IEC 61709:2017)

Međunarodna normizacija IEC

IEC 61340-5-1:2016/Cor1:2017
Corrigendum 1 – Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements

31.040.10 Nepromjenjivi otpornici

Međunarodna normizacija IEC

IEC/TR 63091:2017
Study for the derating curve of surface mount fixed resistors – Derating curves based on terminal part temperature

31.060.40 Tantalovi elektrolitski kondenzatori

Međunarodna normizacija IEC

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

31.060.70 Energetski kondenzatori

Europska normizacija CENELEC

- EN 60143-1:2015/AC:2017
Series capacitors for power systems – Part 1: General
(IEC 60143-1:2015/Cor1:2017)

31.080.99 Ostale poluvodičke naprave

Europska normizacija CENELEC

- EN 60747-16-1:2002/A2:2017
Semiconductor devices – Part 16-1: Microwave integrated
circuits – Amplifiers (IEC 60747-16-1:2001/A2:2017)

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija IEC

- IEC 62325-451-3:2014+Amd1:2017
Framework for energy market communications – Part 451-3:
Transmission capacity allocation business process (explicit or
implicit auction) and contextual models for European market
- IEC 62715-5-1:2017
Flexible display devices – Part 5-1: Measuring methods of
optical performance
- IEC 62715-5-3:2017
Flexible display devices – Part 5-3: Visual assessment of
image quality and defects
- IEC 62715-6-2:2017
Flexible display devices – Part 6-2: Environmental testing
methods

31.180 Tiskani krugovi i pločice

Međunarodna normizacija IEC

- IEC 61189-5-503:2017
Test methods for electrical materials, printed board and other
interconnection structures and assemblies – Part 5-503:
General test method for materials and assemblies
– Conductive anodic filaments (CAF) testing of circuit boards
- IEC 61191-2:2017
Printed board assemblies – Part 2: Sectional specification
– Requirements for surface mount soldered assemblies
- IEC 62899-301-1:2017
Printed electronics – Part 301-1: Equipment – Contact printing
– Rigid master – Measurement method of plate master
external dimension

31.200 Integrirani krugovi. Mikroelektronika

Europska normizacija CENELEC

- EN 62433-2:2017
EMC IC modelling – Part 2: Models of integrated circuits for
EMI behavioural simulation – Conducted emissions modelling
(ICEM-CE) (IEC 62433-2:2017)
- IEC TR 63072-1:2017
Photonic integrated circuits – Part 1: Introduction and roadmap
for standardization

31.220.10 Utikačke i utičničke naprave. Konektori

Međunarodna normizacija IEC

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

31.240 Mehaničke konstrukcije za elektroničku opremu

Međunarodna normizacija IEC

- IEC 61191-3:2017
Printed board assemblies – Part 3: Sectional specification
– Requirements for through-hole mount soldered assemblies
- IEC 61587-6:2017
Mechanical structures for electrical and electronic equipment
– Tests for IEC 60917 and IEC 60297 series – Part 6: Security
aspects for indoor cabinets

31.260 Optoelektronika. Laserska oprema

Međunarodna normizacija IEC

- IEC 62325-451-3:2014+Amd1:2017
Framework for energy market communications – Part 451-3:
Transmission capacity allocation business process (explicit or
implicit auction) and contextual models for European market
- IEC 62715-5-3:2017
Flexible display devices – Part 5-3: Visual assessment of
image quality and defects
- IEC 62715-6-2:2017
Flexible display devices – Part 6-2: Environmental testing
methods

33.040.40 Mreže za prijenos podataka

Međunarodna normizacija IEC

- IEC TR 61850-90-17:2017
Communication networks and systems for power utility
automation – Part 90-17: Using IEC 61850 to transmit power
quality data

33.040.99 Ostala oprema za komunikacijske sustave

Međunarodna normizacija IEC

- IEC 62766-1:2017
Consumer terminal function for access to IPTV and open
Internet multimedia services – Part 1: General

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija ETSI

- ETSI EN 301 908-14 V11.1.2
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
- ETSI EN 302 217-1 V3.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 1: Overview, common characteristics and system-independent requirements
- ETSI EN 302 217-2 V3.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI EN 302 217-4 V2.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4: Antennas
- ETSI EN 302 264 V2.1.1
Short Range Devices; Transport and Traffic Telematics (TTT); Short Range Radar equipment operating in the 77 GHz to 81 GHz band; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI EN 302 288 V2.1.1
Short Range Devices; Transport and Traffic Telematics (TTT); Ultra-wideband radar equipment operating in the 24,25 GHz to 26,65 GHz range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI EN 303 405 V1.1.1
Land Mobile Service; Analogue and Digital PMR446 Equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.060.30 Radioreleji i nepomični satelitski komunikacijski sustavi

Europska normizacija ETSI

- ETSI EN 301 428 V2.1.2
Satellite Earth Stations and Systems (SES); Harmonised Standard for Very Small Aperture Terminal (VSAT); Transmit-only, transmit/receive or receive-only satellite earth stations operating in the 11/12/14 GHz frequency bands covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI EN 301 893 V2.1.1
5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI EN 302 217-1 V3.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 1: Overview, common characteristics and system-independent requirements
- ETSI EN 302 217-2 V3.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI EN 302 217-4 V2.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4: Antennas

33.060.40 Kabelski distribucijski sustavi

Europska normizacija CENELEC

- EN 60728-11:2017
Cable networks for television signals, sound signals and interactive services – Part 11: Safety (IEC 60728-11:2016+Cor1:216)
- EN 60728-101:2017
Cable networks for television signals, sound signals and interactive services – Part 101: System performance of forward paths loaded with digital channels only (IEC 60728-101:2016)

33.070.01 Usluge pokretne mreže općenito

Europska normizacija ETSI

- ETSI EN 301 908-14 V11.1.2
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)

33.070.40 Sateliti

Europska normizacija ETSI

- ETSI EN 301 428 V2.1.2
Satellite Earth Stations and Systems (SES); Harmonised Standard for Very Small Aperture Terminal (VSAT); Transmit-only, transmit/receive or receive-only satellite earth stations operating in the 11/12/14 GHz frequency bands covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija CENELEC

- EN 55016-1-5:2015/A1:2017
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-5: Radio disturbance and immunity measuring apparatus – Antenna calibration sites and reference test sites for 5 MHz to 18 GHz (CISPR 16-1-5:2014/A1:2016)
- EN 55016-1-6:2015/A1:2017
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-6: Radio disturbance and immunity measuring apparatus – EMC antenna calibration (CISPR 16-1-6:2014/A1:2017)

33.100.20 Otpornost

Europska normizacija CENELEC

- EN 62433-2:2017
EMC IC modelling – Part 2: Models of integrated circuits for EMI behavioural simulation – Conducted emissions modelling (ICEM-CE) (IEC 62433-2:2017)

Međunarodna normizacija IEC

- IEC 61000-3-3:2013/Amd1:2017
Amendment 1 – Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

IEC 61000-3-3:2013+Amd1:2017
Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

IEC 61000-4-11:2004/Amd1:2017
Amendment 1 – Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests

IEC 61000-4-11:2004+Amd1:2017
Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests

IEC 61326-3-1:2017
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) – General industrial applications

IEC 61326-3-2:2017
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) – Industrial applications with specified electromagnetic environment

33.120.10 Koaksijalni kablei. Valovodi

Međunarodna normizacija IEC

IEC 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 2 000 MHz

33.120.30 RF konektori

Međunarodna normizacija IEC

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

33.120.40 Antene

Europska normizacija ETSI

ETSI EN 302 217-1 V3.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 1: Overview, common characteristics and system-independent requirements

ETSI EN 302 217-2 V3.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 302 217-4 V2.1.1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4: Antennas

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Međunarodna normizacija IEC

IEC/PAS 63095-1:2017
The Qi wireless power transfer system power class 0 specification – Parts 1 and 2: Interface definitions

33.160.50 Pribor

Europska normizacija ETSI

ETSI EN 300 422-4 V2.1.1
Wireless Microphones; Audio PMSE up to 3 GHz; Part 4: Assistive Listening Devices including personal sound amplifiers and inductive systems up to 3 GHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.180.01 Svjetlovodni sustavi općenito

Međunarodna normizacija IEC

IEC TR 61282-15:2017
Fibre optic communication system design guides – Part 15: Cable plant and link – Testing multi-fibre optic cable plant terminated with MPO connectors

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

33.180.10 Svjetlovodna vlakna i kablei

Europska normizacija CENELEC

EN 60793-1-60:2017
Optical fibres – Part 1-60: Measurement methods and test procedures – Beat length (IEC 60793-1-60:2017)

EN 60793-1-61:2017
Optical fibres – Part 1-61: Measurement methods and test procedures – Polarization crosstalk (IEC 60793-1-61:2017)

EN 60793-2-70:2017
Optical fibres – Part 2-70: Product specifications – Sectional specification for polarization-maintaining fibres (IEC 60793-2-70:2017)

Međunarodna normizacija IEC

IEC 60794-1-3:2017
Optical fibre cables – Part 1-3: Generic specification – Optical cable elements

33.180.20 Svjetlovodni vezne naprave

Međunarodna normizacija IEC

IEC 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

33.180.30 Optička pojačala

Međunarodna normizacija IEC

IEC 62150-5:2017
Fibre optic active components and devices – Test and measurement procedures – Part 5: Wavelength channel tuning time of tuneable transmitters

IEC 62343:2017
Dynamic modules – General and guidance

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Međunarodna normizacija IEC

IEC TR 61850-90-17:2017
Communication networks and systems for power utility automation – Part 90-17: Using IEC 61850 to transmit power quality data

35.030 Sigurnost u informacijskoj tehnologiji

Europska normizacija CEN

CEN/TR 419010:2017
Framework for standardization of signatures – Extended structure including electronic identification and authentication

CEN/TR 419200:2017
Guidance for signature creation and other related devices

Međunarodna normizacija IEC

IEC 62351-9:2017
Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija ISO/IEC

ISO/IEC 13818-1 Technical Corrigendum 2:2017
Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems; Technical Corrigendum 2

ISO/IEC 13818-1 AMD 3 Technical Corrigendum 1:2017
Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems Amendment 3: Carriage of green metadata in MPEG-2 systems – Technical Corrigendum 1: Syntax correction for the green extension descriptor; Technical Corrigendum 3

ISO/IEC 21000-21:2017
Information technology – Multimedia framework (MPEG-21) – Part 21: Media contract ontology

35.080 Softver (programska podrška)

Međunarodna normizacija ISO/IEC

ISO/IEC/IEEE 15939:2017
Systems and software engineering – Measurement process

35.100.70 Sloj primjene

Međunarodna normizacija ISO/IEC

ISO/IEC 9594-1:2017
Information technology – Open Systems Interconnection – The Directory – Part 1: Overview of concepts, models and services

ISO/IEC 9594-2:2017
Information technology – Open Systems Interconnection – The Directory – Part 2: Models

ISO/IEC 9594-3:2017
Information technology – Open Systems Interconnection – The Directory – Part 3: Abstract service definition

ISO/IEC 9594-4:2017
Information technology – Open Systems Interconnection – The Directory – Part 4: Procedures for distributed operation

ISO/IEC 9594-5:2017
Information technology – Open Systems Interconnection – The Directory – Part 5: Protocol specifications

ISO/IEC 9594-6:2017
Information technology – Open Systems Interconnection – The Directory – Part 6: Selected attribute types

ISO/IEC 9594-7:2017
Information technology – Open Systems Interconnection – The Directory – Part 7: Selected object classes

ISO/IEC 9594-8:2017
Information technology – Open Systems Interconnection – The Directory – Part 8: Public-key and attribute certificate frameworks

ISO/IEC 9594-9:2017
Information technology – Open Systems Interconnection – The Directory – Part 9: Replication

35.110 Umrežavanje

Europska normizacija CENELEC

EN 50174-3:2013/A1:2017
Information technology – Cabling installation – Part 3: Installation planning and practices outside buildings

Međunarodna normizacija IEC

IEC 62657-2:2017
Industrial communication networks – Wireless communication networks – Part 2: Coexistence management

35.160 Mikroprocesorski sustavi

Međunarodna normizacija IEC

IEC TR 62453-51-10:2017
Field device tool (FDT) interface specification – Part 51-10: Communication implementation for common object model – IEC 61784 CPF 1

35.200 Sučelna i spojna oprema

Međunarodna normizacija ISO/IEC

ISO/IEC TR 11801-9904:2017
Information technology – Generic cabling systems for customer premises – Part 9904: Guidelines for the use of installed cabling to support 2,5 GBASE-T and 5 GBASE-T applications

35.240.15 Identifikacijske kartice i pripadajuće naprave

Međunarodna normizacija ISO/IEC

ISO/IEC 15693-3 AMD 4:2017
Identification cards – Contactless integrated circuit cards – Vicinity cards – Part 3: Anticollision and transmission protocol – Amendment 4: Security framework

ISO/IEC 19794-15:2017
Information technology – Biometric data interchange format – Part 15: Palm crease image data

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CEN

CEN/TR 419010:2017
Framework for standardization of signatures – Extended structure including electronic identification and authentication

CEN/TR 419200:2017
Guidance for signature creation and other related devices

Međunarodna normizacija ISO

ISO 15836-1:2017
Information and documentation – The Dublin Core metadata element set – Part 1: Core elements

35.240.50 Primjene IT-a u industriji

Europska normizacija CENELEC

EN 62714-3:2017
Engineering data exchange format for use in industrial automation systems engineering – Automation markup language – Part 3: Geometry and kinematics (IEC 62714-3:2017)

Međunarodna normizacija IEC

IEC 62325-451-3:2014/Amd1:2017
Amendment 1 – Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market

IEC 62325-451-3:2014+Amd1:2017
Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market

IEC 62351-9:2017
Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment

IEC TR 62453-51-10:2017
Field device tool (FDT) interface specification – Part 51-10: Communication implementation for common object model – IEC 61784 CPF 1

35.240.60 Primjene IT-a u prijevozu i trgovini

Međunarodna normizacija ISO

ISO 14823:2017
Intelligent transport systems – Graphic data dictionary

35.240.63 IT aplikacije za trgovinu

Međunarodna normizacija IEC

IEC 62325-451-3:2014/Amd1:2017
Amendment 1 – Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market

IEC 62325-451-3:2014+Amd1:2017
Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market

35.240.95 Internetske aplikacije

Međunarodna normizacija IEC

IEC 62766-1:2017
Consumer terminal function for access to IPTV and open Internet multimedia services – Part 1: General

35.240.99 Primjene IT-a u ostalim područjima

Međunarodna normizacija ISO/IEC

ISO/IEC 30182:2017
Smart city concept model – Guidance for establishing a model for data interoperability

37.040.10 Fotografska oprema. Projektori

Međunarodna normizacija ISO

ISO 18844:2017
Photography – Digital cameras – Image flare measurement

37.040.25 Radiografski filmovi

Međunarodna normizacija IEC

IEC 60601-2-43:2010/Amd1:2017
Amendment 1 – Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures

IEC 60601-2-43:2010+A1:2017
Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures

37.040.99 Ostale norme koje se odnose na fotografiju

Međunarodna normizacija ISO

ISO 15739:2017
Photography – Electronic still-picture imaging – Noise measurements

37.080 Primjene u preslikavanju dokumenata

Međunarodna normizacija ISO

ISO/TR 15801:2017
Document management – Electronically stored information – Recommendations for trustworthiness and reliability

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Međunarodna normizacija ISO

ISO 14823:2017
Intelligent transport systems – Graphic data dictionary

43.180 Oprema za dijagnostiku, održavanje i ispitivanje

Međunarodna normizacija ISO

ISO 17949 AMD 1:2017
Impact test procedures for road vehicles – Seating and positioning procedures for anthropomorphic test devices – Procedure for the WorldSID 50th percentile male side-impact dummy in front outboard seating positions; Amendment 1

45.120 Oprema za gradnju i održavanje željeznica i žičara

Europska normizacija CEN

EN 14033-1:2017
Railway applications – Track – Railbound construction and maintenance machines – Part 1: Technical requirements for running

EN 14033-2:2017
Railway applications – Track – Railbound construction and maintenance machines – Part 2: Technical requirements for travelling and working

EN 14033-3:2017
Railway applications – Track – Railbound construction and maintenance machines – Part 3: General safety requirements

47.020.50 Palubna oprema i instalacije

Međunarodna normizacija ISO

ISO 6482:2017
Shipbuilding – Deck machinery – Warping end profiles

47.020.60 Električna oprema brodova i pomorskih konstrukcija

Međunarodna normizacija IEC

IEC 60092-376:2017 RLV
Electrical installations in ships – Part 376: Cables for control and instrumentation circuits 150/250 V (300 V)

IEC/PAS 63108:2017
Electrical installation in ships – Primary DC distribution – System design architecture

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija CENELEC

EN 62287-2:2017
Maritime navigation and radiocommunication equipment and systems – Class B shipborne equipment of the automatic identification system (AIS) – Part 2: Self-organising time division multiple access (SOTDMA) techniques (IEC 62287-2:2017)

ETSI

ETSI EN 303 402 V2.1.1
Maritime mobile transmitters and receivers for use in the MF and HF bands; Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

49.080 Hidraulični i pneumatski sustavi i sastavni dijelovi za zrakoplove

Europska normizacija CEN

EN 4801:2017
Aerospace series – Flange couplings – Swivel flange with 3 fastening holes, in heat resisting steel – Inch series

EN 4802:2017
Aerospace series – Flange couplings – Swivel flange with 3 fastening holes, in nickel alloy – Inch series

EN 4803:2017
Aerospace series – Flange couplings – Swivel flange with 4 fastening holes, in heat resisting steel – Inch series

EN 4807:2017
Aerospace series – Flange couplings – Weld coupling, 90° elbow, in heat resisting steel – Inch series

EN 4808:2017
Aerospace series – Flange couplings – Weld coupling, 90° elbow, in nickel alloy – Inch series

EN 4811:2017
Aerospace series – Flange couplings – Gasket seal with fluorocarbon seal on aluminium plate with 4 fastening holes – Inch series

EN 4812:2017
Aerospace series – Flange couplings – Gasket seal with nickel alloy C seal on heat resisting steel plate with 4 fastening holes – Inch series

EN 4813:2017
Aerospace series – Flange couplings – Cap, in heat resisting steel – Inch series

EN 4814:2017
Aerospace series – Flange couplings up to 21 000 kPa – Technical specification – Inch series

EN 4816:2017
Aerospace series – Flange couplings – Gasket seal with nickel alloy C seal – Technical specification – Inch series

ISO 18170:2017
Aerospace series – AC induction electric motor driven, variable delivery, hydraulic pumps – General requirements

49.095 Oprema za putnike i kabine

Europska normizacija CEN

EN 4727:2017
Aerospace series – Standardized passenger seat weight information

49.100 Zemaljska služba i oprema za održavanje

Europska normizacija CEN

EN 12312-12:2017
Aircraft ground support equipment – Specific requirements – Part 12: Potable water service equipment

EN 12312-13:2017
Aircraft ground support equipment – Specific requirements – Part 13: Lavatory service equipment

53.020.20 Dizalice

Međunarodna normizacija
ISO

ISO 8566-5:2017
Cranes – Cabins and control stations – Part 5: Overhead travelling and portal bridge cranes

ISO 8686-5:2017
Cranes – Design principles for loads and load combinations – Part 5: Overhead travelling and portal bridge cranes

61.020 Odjeća

Međunarodna normizacija
ISO

ISO 5971:2017
Size designation of clothes – Tights

65.060.50 Oprema za žetvu

Međunarodna normizacija
ISO

ISO 4254-12 AMD 1:2017
Agricultural machinery – Safety – Part 12: Rotary disc and drum mowers and flail mowers; Amendment 1

65.060.70 Oprema za vrtlarstvo

Međunarodna normizacija
ISO

ISO 5395-2 AMD 2:2017
Garden equipment – Safety requirements for combustion-engine-powered lawnmowers – Part 2: Pedestrian-controlled lawnmowers – Amendment 2: Cutting-means-enclosure guards

65.120 Hrana za životinje

Europska normizacija
CEN

EN 16936:2017
Animal feeding stuffs: Methods of sampling and analysis – Screening on the antibiotics tylosin, virginiamycin, spiramycin, bacitracin-zinc and avoparcin at sub-additive levels in compound feed by a microbiological plate test

65.160 Duhan, duhanski proizvodi i odgovarajuća oprema

Međunarodna normizacija
ISO

ISO 13276:2017
Tobacco and tobacco products – Determination of nicotine purity – Gravimetric method using tungstosilicic acid

67.050 Opće metode ispitivanja i analize hrane

Europska normizacija
CEN

EN 16858:2017
Foodstuffs – Determination of melamine and cyanuric acid in foodstuffs by liquid chromatography and tandem mass spectrometry (LC-MS/MS)

67.060 Žitarice, mahunarke i proizvodi od žitarica i mahunarka

Europska normizacija
CEN

EN 16923:2017
Foodstuffs – Determination of T-2 toxin and HT-2 toxin in cereals and cereal products for infants and young children by LC-MS/MS after SPE cleanup

67.200.10 Životinjske i biljne masti i ulja

Europska normizacija
CEN

EN 16924:2017
Foodstuffs – Determination of zearalenone in edible vegetable oils by LC-FLD or LC-MS/MS

67.230 Zapakirana i zgotovljena hrana

Europska normizacija
CEN

EN 16923:2017
Foodstuffs – Determination of T-2 toxin and HT-2 toxin in cereals and cereal products for infants and young children by LC-MS/MS after SPE cleanup

71.040.40 Kemijska analiza

Međunarodna normizacija
ISO

ISO 16664:2017
Gas analysis – Handling of calibration gases and gas mixtures – Guidelines

71.100.70 Kozmetika. Toaletne potrepštine

Međunarodna normizacija
ISO

ISO 11609:2017
Dentistry – Dentifrices – Requirements, test methods and marking

73.060.10 Željezove rude

Međunarodna normizacija
ISO

ISO/TR 9686:2017
Direct reduced iron – Determination of carbon and/or sulfur – High-frequency combustion method with infrared measurement

73.100.30 Oprema za bušenje i iskopavanje rudnika

Međunarodna normizacija
ISO

ISO 19225:2017
Underground mining machines – Mobile extracting machines at the face – Safety requirements for shearer loaders and plough systems

75.100 Maziva, industrijska ulja i srodni proizvodi

Međunarodna normizacija ISO

ISO 13357-1:2017
Petroleum products – Determination of the filterability of lubricating oils – Part 1: Procedure for oils in the presence of water

ISO 13357-2:2017
Petroleum products – Determination of the filterability of lubricating oils – Part 2: Procedure for dry oils

75.160.20 Tekuća goriva

Europska normizacija CEN

EN 228:2012+A1:2017
Automotive fuels – Unleaded petrol – Requirements and test methods

EN 590:2013+A1:2017
Automotive fuels – Diesel – Requirements and test methods

75.160.40 Biogoriva

Europska normizacija CEN

CEN/TR 17103:2017
Fast pyrolysis bio-oil for stationary internal combustion engines – Quality determination

75.180.30 Volumetrijska oprema i mjerenja

Međunarodna normizacija ISO

ISO 91:2017
Petroleum and related products – Temperature and pressure volume correction factors (petroleum measurement tables) and standard reference conditions

ISO 19970:2017
Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels – Metering of gas as fuel on LNG carriers during cargo transfer operations

77.060 Korozija metala

Međunarodna normizacija ISO

ISO 3651-3:2017
Determination of resistance to intergranular corrosion of stainless steels – Part 3: Corrosion test for low-Cr ferritic stainless steels

ISO 15257:2017
Cathodic protection – Competence levels of cathodic protection persons – Basis for a certification scheme

77.120.40 Nikal, krom i njihove legure

Međunarodna normizacija ISO

ISO 6372:2017
Nickel and nickel alloys – Terms and definitions

77.140.25 Čelici za opruge

Europska normizacija CEN

EN 10270-1:2011+A1:2017
Steel wire for mechanical springs – Part 1: Patented cold drawn unalloyed spring steel wire

77.140.60 Čelične šipke i žice

Međunarodna normizacija ISO

ISO 16120-1:2017
Non-alloy steel wire rod for conversion to wire – Part 1: General requirements

ISO 16120-4:2017
Non-alloy steel wire rod for conversion to wire – Part 4: Specific requirements for wire rod for special applications

83.040.10 Lateks i sirova guma

Međunarodna normizacija ISO

ISO 19846:2017
Reclaimed rubber – Coding and classification system

83.080.01 Plastika općenito

Međunarodna normizacija ISO

ISO 5659-2:2017
Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test

83.080.20 Plastomerni materijali

Međunarodna normizacija ISO

ISO 294-1:2017
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 1: General principles, and moulding of multipurpose and bar test specimens

ISO 20568-1:2017
Plastics – Fluoropolymer dispersions and moulding and extrusion materials – Part 1: Designation system and basis for specifications

ISO 20568-2:2017
Plastics – Fluoropolymer dispersions and moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties

83.160.01 Gume za vozila općenito

Međunarodna normizacija ISO

ISO 16392:2017
Tyres – Electrical resistance – Test method for measuring electrical resistance of tyres on a test rig

85.040 Celuloza

Međunarodna normizacija ISO

ISO 9416:2017
Paper – Determination of light scattering and absorption coefficients (using Kubelka-Munk theory)

ISO 11480:2017
Pulp, paper and board – Determination of total chlorine and organically bound chlorine

85.060 Papir i karton

Međunarodna normizacija ISO

- ISO 9416:2017
Paper – Determination of light scattering and absorption coefficients (using Kubelka-Munk theory)
- ISO 11475:2017
Paper and board – Determination of CIE whiteness, D65/10 degrees (outdoor daylight)
- ISO 11480:2017
Pulp, paper and board – Determination of total chlorine and organically bound chlorine

91.040.01 Građevine općenito

Međunarodna normizacija ISO

- ISO 16745-1:2017
Sustainability in buildings and civil engineering works – Carbon metric of an existing building during use stage – Part 1: Calculation, reporting and communication
- ISO 16745-2:2017
Sustainability in buildings and civil engineering works – Carbon metric of an existing building during use stage – Part 2: Verification
- ISO 16817:2017
Building environment design – Indoor environment – Design process for the visual environment

91.120.10 Toplinska izolacija

Europska normizacija CEN

- EN 15232-1:2017
Energy Performance of Buildings – Energy performance of buildings – Part 1: Impact of Building Automation, Controls and Building Management – Modules M10-4,5,6,7,8,9,10
- EN 16798-5-1:2017
Energy performance of buildings – Ventilation for buildings – Part 5-1: Calculation methods for energy requirements of ventilation and air conditioning systems (Modules M5-6, M5-8, M6-5, M6-8, M7-5, M7-8) – Method 1: Distribution and generation
- EN 16883:2017
Conservation of cultural heritage – Guidelines for improving the energy performance of historic buildings

91.140.10 Sustavi centralnoga grijanja

Europska normizacija CEN

- EN 12098-5:2017
Energy Performance of Buildings – Controls for heating systems – Part 5: Start-stop schedulers for heating systems – Modules M3-5,6,7,8
- EN 15316-4-1:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-1: Space heating and DHW generation systems, combustion systems (boilers, biomass), Module M3-8-1, M8-8-1
- EN 15316-4-5:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-5: District heating and cooling, Module M3-8-5, M4-8-5, M8-8-5, M11-8-5
- EN 15316-4-10:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-10: Wind power generation systems, Module M11-8-7

- EN 15316-5:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 5: Space heating and DHW storage systems (not cooling), Module M3-7, M8-7

- EN 15459-1:2017
Energy performance of buildings – Economic evaluation procedure for energy systems in buildings – Part 1: Calculation procedures, Module M1-14

91.140.30 Sustavi prozračivanja i klimatizacije

Europska normizacija CEN

- EN 15316-4-5:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-5: District heating and cooling, Module M3-8-5, M4-8-5, M8-8-5, M11-8-5
- EN 15500-1:2017
Energy Performance of Buildings – Control for heating, ventilating and air conditioning applications – Part 1: Electronic individual zone control equipment – Modules M3-5, M4-5, M5-5
- EN 16798-5-1:2017
Energy performance of buildings – Ventilation for buildings – Part 5-1: Calculation methods for energy requirements of ventilation and air conditioning systems (Modules M5-6, M5-8, M6-5, M6-8, M7-5, M7-8) – Method 1: Distribution and generation

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija CENELEC

- EN 62054-21:2004/A1:2017
Electricity metering (AC) – Tariff and load control – Part 21: Particular requirements for time switches (IEC 62054-21:2004/A1:2017)

91.140.65 Oprema za grijanje vode

Europska normizacija CEN

- EN 15316-4-1:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-1: Space heating and DHW generation systems, combustion systems (boilers, biomass), Module M3-8-1, M8-8-1
- EN 15316-5:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 5: Space heating and DHW storage systems (not cooling), Module M3-7, M8-7

93.100 Gradnja željezničkih pruga

Europska normizacija CEN

- EN 14033-1:2017
Railway applications – Track – Railbound construction and maintenance machines – Part 1: Technical requirements for running
- EN 14033-2:2017
Railway applications – Track – Railbound construction and maintenance machines – Part 2: Technical requirements for travelling and working
- EN 14033-3:2017
Railway applications – Track – Railbound construction and maintenance machines – Part 3: General safety requirements

97.030 Kućanski električni uređaji općenito

Europska normizacija
CENELEC

EN 60335-1:2012/A12:2017
Household and similar electrical appliances – Safety – Part 1:
General requirements

97.040.30 Kućanski rashladni uređaji

Međunarodna normizacija
IEC

IEC/TR 63061:2017
Adjusted volume calculation for refrigerating appliances

97.080 Uređaji za čišćenje podova

Međunarodna normizacija
IEC

IEC 62784:2017
Vacuum cleaners and dust extractors providing equipment
protection level Dc for the collection of combustible dusts
– Particular requirements

97.100.10 Električni grijači

Europska normizacija
CEN

EN 12098-3:2017
Energy Performance of Buildings – Controls for heating
systems – Part 3: Control equipment for electrical heating
systems – Modules M3-5,6,7,8

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija
CEN

EN 12098-3:2017
Energy Performance of Buildings – Controls for heating
systems – Part 3: Control equipment for electrical heating
systems – Modules M3-5,6,7,8

EN 12098-5:2017
Energy Performance of Buildings – Controls for heating
systems – Part 5: Start-stop schedulers for heating systems
– Modules M3-5,6,7,8

EN 15232-1:2017
Energy Performance of Buildings – Energy performance of
buildings – Part 1: Impact of Building Automation, Controls
and Building Management – Modules M10-4,5,6,7,8,9,10

EN 15500-1:2017
Energy Performance of Buildings – Control for heating,
ventilating and air conditioning applications – Part 1: Electronic
individual zone control equipment – Modules M3-5, M4-5,
M5-5

97.140 Namještaj

Europska normizacija
CEN

EN 1272:2017
Child care articles – Table mounted chairs – Safety
requirements and test methods

97.150 Netekstilni podni prekrivači

Europska normizacija
CEN

EN 16810:2017
Resilient, textile and laminate floor coverings – Environmental
product declarations – Product category rules

97.190 Oprema za djecu

Europska normizacija
CEN

EN 1272:2017
Child care articles – Table mounted chairs – Safety
requirements and test methods

97.195 Umjetnički i obrtnički predmeti

Europska normizacija
CEN

EN 16883:2017
Conservation of cultural heritage – Guidelines for improving
the energy performance of historic buildings

97.200.10 Oprema za kazalište, scenu i studio

Međunarodna normizacija
IEC

IEC 60598-2-17:2017
Luminaires – Part 2-17: Particular requirements – Luminaires
for stage lighting, television and film studios (outdoor and
indoor)

97.200.50 Igračke

Europska normizacija
CEN

CEN/TR 15371-2:2017
Safety of toys – Interpretations – Part 2: Replies to
requests for interpretation of the chemical standards in the
EN 71-series