

Hrvatski zavod za norme

Oglasnik za normativne dokumente

10/2018 listopad, 2018.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

HZN/TO 8, *Brodogradnja*

HRN EN ISO 6185-1:2018 en pr
Brodice na napuhavanje – 1. dio: Brodice sa najvećom snagom motora do 4,5 kW (ISO 6185-1:2001; EN ISO 6185-1:2018)
Inflatable boats – Part 1: Boats with a maximum motor power rating of 4,5 kW (ISO 6185-1:2001; EN ISO 6185-1:2018)

HRN EN ISO 6185-2:2018 en pr
Brodice na napuhavanje – 2. dio: Brodice sa najvećom snagom motora do 4,5 kW do 15 kW uključivo (ISO 6185-2:2001; EN ISO 6185-2:2018)
Inflatable boats – Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive (ISO 6185-2:2001; EN ISO 6185-2:2018)

HRN EN ISO 6185-3:2018 en pr
Brodice na napuhavanje – 3. dio: Brodice duljine trupa manje od 8 m najveće snage motora 15 kW i više (ISO 6185-3:2014; EN ISO 6185-3:2018)
Inflatable boats – Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014; EN ISO 6185-3:2018)

HRN EN ISO 6185-4:2018 en pr
Brodice na napuhavanje – 4. dio: Brodice duljine trupa između 8 m i 24 m sa snagom motora od 15 kW i više (ISO 6185-4:2011, ispravljena verzija 2014-08-01; EN ISO 6185-4:2018)
Inflatable boats – Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater (ISO 6185-4:2011, Corrected version 2014-08-01; EN ISO 6185-4:2018)

HRN EN ISO 7840:2018 en pr
Mala plovila – Vatrootporne savitljive cijevi za gorivo (ISO 7840:2013; EN ISO 7840:2018)
Small craft – Fire-resistant fuel hoses (ISO 7840:2013; EN ISO 7840:2018)

HRN EN ISO 8384:2018 en pr
Brodovi i pomorska tehnologija – Jaružala – Terminološki rječnik (ISO 8384:2018; EN ISO 8384:2018)
Ships and marine technology – Dredgers – Vocabulary (ISO 8384:2018; EN ISO 8384:2018)

HRN EN ISO 8469:2018 en pr
Mala plovila – Savitljive cijevi za gorivo neotporne na vatru (ISO 8469:2013; EN ISO 8469:2018)
Small craft – Non-fire-resistant fuel hoses (ISO 8469:2013; EN ISO 8469:2018)

HRN EN ISO 8666:2018 en pr
Mala plovila – Osnovni podaci (ISO 8666:2016; EN ISO 8666:2018)
Small craft – Principal data (ISO 8666:2016; EN ISO 8666:2018)

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

HRN EN ISO 9093-1:2018 en pr
Mala plovila – Oplatni ventili i prolazi – 1. dio: Metalni (ISO 9093-1:1994; EN ISO 9093-1:2018)
Small craft – Seacocks and through-hull fittings – Part 1: Metallic (ISO 9093-1:1994; EN ISO 9093-1:2018)

HRN EN ISO 9093-2:2018 en pr
Mala plovila – Oplatni ventili i prolazi – 2. dio: Nemetalni (ISO 9093-2:2002; EN ISO 9093-2:2018)
Small craft – Seacocks and through-hull fittings – Part 2: Non-metallic (ISO 9093-2:2002; EN ISO 9093-2:2018)

HRN EN ISO 11192:2018 en pr
Mala plovila – Grafički simboli (ISO 11192:2005; EN ISO 11192:2018)
Small craft – Graphical symbols (ISO 11192:2005; EN ISO 11192:2018)

HRN EN ISO 11547:2018 en pr
Mala plovila – Zaštita od upućivanja stroja u radnom položaju (ISO 11547:1994; EN ISO 11547:2018)
Small craft – Start-in-gear protection (ISO 11547:1994; EN ISO 11547:2018)

HRN EN ISO 11812:2018 en pr
Mala plovila – Vodonepropusni kokpiti i brzoprazneći kokpiti (ISO 11812:2001; EN ISO 11812:2018)
Small craft – Watertight cockpits and quick-draining cockpits (ISO 11812:2001; EN ISO 11812:2018)

HRN EN ISO 12215-2:2018 en pr
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 2. dio: Materijali: Materijali jezgre za sendvič konstrukciju, ugrađeni materijali (ISO 12215-2:2002; EN ISO 12215-2:2018)
Small craft – Hull construction and scantlings – Part 2: Materials: Core materials for sandwich construction, embedded materials (ISO 12215-2:2002; EN ISO 12215-2:2018)

HRN EN ISO 12215-3:2018 en pr
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 3. dio: Materijali: Čelik, aluminijске legure, drvo, drugi materijali (ISO 12215-3:2002; EN ISO 12215-3:2018)
Small craft – Hull construction and scantlings – Part 3: Materials: Steel, aluminium alloys, wood, other materials (ISO 12215-3:2002; EN ISO 12215-3:2018)

HRN EN ISO 12215-4:2018 en pr
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 4. dio: Proizvodni prostor i proizvodnja (ISO 12215-4:2002; EN ISO 12215-4:2018)
Small craft – Hull construction and scantlings – Part 4: Workshop and manufacturing (ISO 12215-4:2002; EN ISO 12215-4:2018)

HRN EN ISO 12215-5:2018 en pr
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 5. dio: Projektni tlakovi za jednotrupna plovila, projektna naprezanja, određivanje dimenzija konstrukcijskih elemenata (ISO 12215-5:2008; EN ISO 12215-5:2018)
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination (ISO 12215-5:2008; EN ISO 12215-5:2018)

HRN EN ISO 12215-6:2018 en pr
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 6. dio: Raspored i detalji konstrukcije (ISO 12215-6:2008; EN ISO 12215-6:2018)
Small craft – Hull construction and scantlings – Part 6: Structural arrangements and details (ISO 12215-6:2008; EN ISO 12215-6:2018)

HRN EN ISO 12215-8:2018 en pr
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 8. dio: Kormila (ISO 12215-8:2009; EN ISO 12215-8:2018)
Small craft – Hull construction and scantlings – Part 8: Rudders (ISO 12215-8:2009; EN ISO 12215-8:2018)

HRN EN ISO 12215-9:2018 en pr
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 9. dio: Privjesci na trup plovila na jedra (ISO 12215-9:2012; EN ISO 12215-9:2018)
Small craft – Hull construction and scantlings – Part 9: Sailing craft appendages (ISO 12215-9:2012; EN ISO 12215-9:2018)

HRN EN ISO 12216:2018 en pr
Mala plovila – Prozori, okna, grotlašca, vidnici i vrata – Zahtjevi za čvrstoću i vodonepropusnost (ISO 12216:2002; EN ISO 12216:2018)
Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements (ISO 12216:2002; EN ISO 12216:2018)

HRN EN ISO 13297:2018 en pr
Mala plovila – Električni sustavi – Instalacije za izmjeničnu struju (ISO 13297:2014; EN ISO 13297:2018)
Small craft – Electrical systems – Alternating current installations (ISO 13297:2014; EN ISO 13297:2018)

HRN EN ISO 13590:2018 en pr
Mala plovila – Osobna plovila – Zahtjevi za gradnju i ugradnju sustava (ISO 13590:2003; EN ISO 13590:2018)
Small craft – Personal watercraft – Construction and system installation requirements (ISO 13590:2003; EN ISO 13590:2018)

HRN EN ISO 14509-1:2018 en pr
Mala plovila – Mjerenje zrakom prenesene buke koju stvaraju mehanički pogonjena plovila za razonodu – 1. dio: Mjerni postupak prolazanjem (ISO 14509-1:2008; EN ISO 14509-1:2018)
Small craft – Airborne sound emitted by powered recreational craft – Part 1: Pass-by measurement procedures (ISO 14509-1:2008; EN ISO 14509-1:2018)

HRN EN ISO 14509-3:2018 en pr
Mala plovila – Mjerenje zrakom prenesene buke koju stvaraju mehanički pogonjena plovila za razonodu – 3. dio: Ocjena buke pomoću postupka mjerenja i proračuna (ISO 14509-3:2009; EN ISO 14509-3:2018)
Small craft – Airborne sound emitted by powered recreational craft – Part 3: Sound assessment using calculation and measurement procedures (ISO 14509-3:2009; EN ISO 14509-3:2018)

HRN EN ISO 15083:2018 en pr
Mala plovila – Sustavi za pražnjenje kaljuže (ISO 15083:2003; EN ISO 15083:2018)
Small craft – Bilge-pumping systems (ISO 15083:2003; EN ISO 15083:2018)

HRN EN ISO 15084:2018 en pr
Mala plovila – Sidrenje, vez i tegljenje – Čvrste točke (ISO 15084:2003; EN ISO 15084:2018)
Small craft – Anchoring, mooring and towing – Strong points (ISO 15084:2003; EN ISO 15084:2018)

HRN EN ISO 16180:2018 en pr
Mala plovila – Navigacijska svjetla – Ugradnja, smještaj i vidljivost (ISO 16180:2013; EN ISO 16180:2018)
Small craft – Navigation lights – Installation, placement and visibility (ISO 16180:2013; EN ISO 16180:2018)

HRN EN ISO 21487:2018 en pr
Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo (ISO 21487:2012, uključujući Amd 1:2014 i Amd 2:2015; EN ISO 21487:2018)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012, including Amd 1:2014 and Amd 2:2015; EN ISO 21487:2018)

HRN EN ISO 25197:2018 en pr
Mala plovila – Elektronički upravljački sustavi za kormilarenje, ukapčanje spojke i regulator brzine vrtnje (ISO 25197:2012, uključujući Amd 1:2014; EN ISO 25197:2018)
Small craft – Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012, including Amd 1:2014; EN ISO 25197:2018)

HZN/TO 21, Protupožarna i vatrogasna oprema

HRN EN 54-5:2018 en pr
Sustavi za otkrivanje i dojavu požara – 5. dio: Detektori topline – Točkasti detektori (EN 54-5:2017+A1:2018)
Fire detection and fire alarm systems – Part 5: Heat detectors – Point heat detectors (EN 54-5:2017+A1:2018)

HZN/TO 28, Naftni proizvodi i maziva

HRI CEN/TR 17225:2018 en pr
Goriva i biogoriva – Procjena metoda određivanja oksidacijske stabilnosti destilatnih goriva i njihovih mješavina s metilnim esterima masnih kiselina (FAME) (CEN/TR 17225:2018)
Fuels and biofuels – Assessment on oxidation stability determination methods for distillate fuels and blends thereof with fatty acid methyl esters (FAME) (CEN/TR 17225:2018)

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 8249:2018 en pr
Zavarivanje – Određivanje feritnog broja (FN) u metalu zavara austenitnih i duplex austenitno-feritnih CrNi nehrđajućih čelika (ISO 8249:2018; EN ISO 8249:2018)
Welding – Determination of Ferrite Number (FN) in austenitic and duplex ferritic-austenitic Cr-Ni stainless steel weld metals (ISO 8249:2018; EN ISO 8249:2018)

HRI CEN ISO/TR 14745:2018 en pr
Zavarivanje – Parametri toplinske obrade za čelike nakon zavarivanja (ISO/TR 14745:2015; CEN ISO/TR 14745:2015)
Welding – Post-weld heat treatment parameters for steels (ISO/TR 14745:2015; CEN ISO/TR 14745:2015)

HRI CEN ISO/TR 15608:2018 en pr
Zavarivanje – Smjernice za grupiranje metalnih materijala (ISO/TR 15608:2017; CEN ISO/TR 15608:2017)
Welding – Guidelines for a metallic materials grouping system (ISO/TR 15608:2017; CEN ISO/TR 15608:2017)

HRI CEN ISO/TR 16060:2018 en pr
Ispitivanja razaranjem zavara na metalnim materijalima – Nagrizajuća sredstva za makroskopska i mikroskopska ispitivanja (ISO/TR 16060:2003; CEN ISO/TR 16060:2014)
Destructive tests on welds in metallic materials – Etchants for macroscopic and microscopic examination (ISO/TR 16060:2003; CEN ISO/TR 16060:2014)

HRN EN ISO 18275:2018 en pr
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje (REL) čelika visoke čvrstoće – Razredba (ISO 18275:2018; EN ISO 18275:2018)
Welding consumables – Covered electrodes for manual metal arc welding of high-strength steels – Classification (ISO 18275:2018; EN ISO 18275:2018)

HRN EN ISO 20378:2018 en pr
Dodatni i potrošni materijali za zavarivanje – Šipke za plinsko zavarivanje nelegiranih čelika i čelika otpornih na pužanje – Razredba (ISO 20378:2017; EN ISO 20378:2018)
Welding consumables – Rods for gas welding of non-alloy and creep-resisting steels – Classification (ISO 20378:2017; EN ISO 20378:2018)

HRN EN ISO 24373:2018 en pr
Dodatni i potrošni materijali za zavarivanje – Pune žice i šipke za zavarivanje taljenjem bakra i legura bakra – Razredba (ISO 24373:2018; EN ISO 24373:2018)
Welding consumables – Solid wires and rods for fusion welding of copper and copper alloys – Classification (ISO 24373:2018; EN ISO 24373:2018)

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

HRI ISO/TR 11219:2018 en pr
Informacije i dokumentacija – Kvalitativni uvjeti i osnovna statistika za knjižnične zgrade – Prostor, funkcija i dizajn (ISO/TR 11219:2012)
Information and documentation – Qualitative conditions and basic statistics for library buildings – Space, function and design (ISO/TR 11219:2012)

HRI ISO/TR 14873:2018 en pr
Informacije i dokumentacija – Statistika i pitanja kvalitete u arhiviranju weba (ISO/TR 14873:2013)
Information and documentation – Statistics and quality issues for web archiving (ISO/TR 14873:2013)

HRI ISO/TR 18128:2018 en pr
Informacije i dokumentacija – Procjena rizika za procese i sustave zapisa (ISO/TR 18128:2014)
Information and documentation – Risk assessment for records processes and systems (ISO/TR 18128:2014)

HRI ISO/TR 23081-3:2018 en pr
Informacije i dokumentacija – Upravljanje metapodacima za zapise – 3. dio: Metoda samovrednovanja (ISO/TR 23081-3:2011)
Information and documentation – Managing metadata for records – Part 3: Self-assessment method (ISO/TR 23081-3:2011)

HZN/TO 71, Beton

HRI CEN/TR 17172:2018 en pr
Program ispitivanja za validaciju normiranih metoda ispitivanja za određivanje prodora klorida i karbonatizacije (CEN/TR 17172:2018)
Validation testing program on chloride penetration and carbonation standardized test methods (CEN/TR 17172:2018)

HZN/TO 108, Mehaničke vibracije i udari

HRN ISO 20816-4:2018 en pr
Mehaničke vibracije – Mjerenje i procjena vibracija strojeva – 4. dio: Plinske turbine snage preko 3 MW, s kliznim ležajevima (ISO 20816-4:2018)
Mechanical vibration – Measurement and evaluation of machine vibration – Part 4: Gas turbines in excess of 3 MW, with fluid-film bearings (ISO 20816-4:2018)

HRN ISO 20816-5:2018 en pr
Mehaničke vibracije – Mjerenje i procjena vibracija strojeva – 5. dio: Strojni sklopovi u hidrauličkim postrojenjima za proizvodnju energije i crpnim postrojenjima (ISO 20816-5:2018)
Mechanical vibration – Measurement and evaluation of machine vibration – Part 5: Machine sets in hydraulic power generating and pump-storage plants (ISO 20816-5:2018)

HZN/TO 120, Koža i obuća

HRN EN ISO 10750:2018 en pr
Obuća – Metoda ispitivanja patentnih zatvarača – Čvrstoća povezivanja zubaca (ISO 10750:2015; EN ISO 10750:2018)
Footwear – Test method for slide fasteners – Attachment strength of end stops (ISO 10750:2015; EN ISO 10750:2018)

HRN EN ISO 11640:2018 en pr
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na cikluse trljanja naprijed-natrag (ISO 11640:2018; EN ISO 11640:2018)
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing (ISO 11640:2018; EN ISO 11640:2018)

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

HRN EN ISO 13056:2018 en pr
Plastični cijevni sustavi – Tlačni sustavi za toplu i hladnu vodu – Metoda ispitivanja za nepropusnost pod vakuumom (ISO 13056:2011; EN ISO 13056:2018)
Plastics piping systems – Pressure systems for hot and cold water – Test method for leaktightness under vacuum (ISO 13056:2011; EN ISO 13056:2018)

HRN EN ISO 19892:2018 en pr
Plastični cijevni sustavi – Plastomerne cijevi i spojnice za toplu i hladnu vodu – Metoda ispitivanja otpornosti spojeva na cikličke promjene tlaka (ISO 19892:2011; EN ISO 19892:2018)
Plastics piping systems – Thermoplastics pipes and fittings for hot and cold water – Test method for the resistance of joints to pressure cycling (ISO 19892:2011; EN ISO 19892:2018)

HRN EN ISO 19893:2018 en pr
Plastični cijevni sustavi – Plastomerne cijevi i spojnice za toplu i hladnu vodu – Metoda ispitivanja postojanosti ugrađenih sklopova na cikličke promjene temperature (ISO 19893:2011; EN ISO 19893:2018)
Plastics piping systems – Thermoplastics pipes and fittings for hot and cold water – Test method for the resistance of mounted assemblies to temperature cycling (ISO 19893:2011; EN ISO 19893:2018)

HZN/TO 147, Kvaliteta vode

HRI CEN/TR 17244:2018 en pr
Kvaliteta vode – Tehnički izvještaj o upravljanju barkodovima dijatomeja (CEN/TR 17244:2018)
Water quality – Technical report for the management of diatom barcodes (CEN/TR 17244:2018)

HRI CEN/TR 17245:2018 en pr
Kvaliteta vode – Tehnički izvještaj o rutinskom uzorkovanju bentičkih dijatomeja iz rijeka i jezera prilagođenom za analize meta-barkodiranja (CEN/TR 17245:2018)
Water quality – Technical report for the routine sampling of benthic diatoms from rivers and lakes adapted for metabarcoding analyses (CEN/TR 17245:2018)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11990:2018 en pr
Laseri i pridružena oprema – Određivanje otpornosti središnjeg dijela i balonskih završetaka trahealnih intubacijskih cijevi na lasersko zračenje (ISO 11990:2018; EN ISO 11990:2018)
Lasers and laser-related equipment – Determination of laser resistance of tracheal tube shaft and tracheal cuffs (ISO 11990:2018; EN ISO 11990:2018)

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 71-7:2018 en pr
Sigurnost igraćaka – 7. dio: Bojila za bojenje prstima – Zahtjevi i metode ispitivanja (EN 71-7:2014+A2:2018)
Safety of toys – Part 7: Finger paints – Requirements and test methods (EN 71-7:2014+A2:2018)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22477-5:2018 en pr
Geotehničko istraživanje i ispitivanje – Ispitivanje geotehničkih konstrukcija – 5. dio: Ispitivanje injektiranih sidara (ISO 22477-5:2018; EN ISO 22477-5:2018)
Geotechnical investigation and testing – Testing of geotechnical structures – Part 5: Testing of grouted anchors (ISO 22477-5:2018; EN ISO 22477-5:2018)

HZN/TO 190, Kvaliteta tla

HRN EN ISO 19258:2018 en pr
Kvaliteta tla – Upute za određivanje osnovnih vrijednosti (ISO 19258:2018; EN ISO 19258:2018)
Soil quality – Guidance on the determination of background values (ISO 19258:2018; EN ISO 19258:2018)

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14034:2018 en pr
Upravljanje okolišem – Verifikacija tehnologija s obzirom na zaštitu okoliša (ETV) (ISO 14034:2016; EN ISO 14034:2018)
Environmental management – Environmental technology verification (ETV) (ISO 14034:2016; EN ISO 14034:2018)

HRN EN ISO 14052:2018 en pr
Upravljanje okolišem – Obračun troškova protoka materijala – Upute za u praktičnu primjenu u opskrbnom lancu (ISO 14052:2017; EN ISO 14052:2018)
Environmental management – Material flow cost accounting – Guidance for practical implementation in a supply chain (ISO 14052:2017; EN ISO 14052:2018)

HRN EN ISO 14067:2018 en pr
Staklenički plinovi – Ugljikov otisak proizvoda – Zahtjevi i smjernice za kvantifikaciju (ISO 14067:2018; EN ISO 14067:2018)
Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification (ISO 14067:2018; EN ISO 14067:2018)

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19136-2:2018 en pr
Geoinformacije – Jezik za geooznačavanje (GML) – 2. dio: Proširene sheme i pravila kodiranja (ISO 19136-2:2015; EN ISO 19136-2:2018)
Geographic information – Geography Markup Language (GML) – Part 2: Extended schemas and encoding rules (ISO 19136-2:2015; EN ISO 19136-2:2018)

HZN/TO 217, Kozmetika

HRN ISO 16128-1:2018 en pr
Smjernice za tehničke definicije i kriteriji za prirodne i organske kozmetičke sastojke i proizvode – 1. dio: Definicije za sastojke (ISO 16128-1:2016)
Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients and products – Part 1: Definitions for ingredients (ISO 16128-1:2016)

HZN/TO 503, Metalni materijali

HRN EN ISO 683-1:2018 en pr
Toplinski obradivi čelici, legirani čelici i čelici za obradu na automatima – 1. dio: Nelegirani čelici za poboljšavanje (ISO 683-1:2016; EN ISO 683-1:2018)
Heat treatable steels, alloy steels and free-cutting steels – Part 1: Non alloy steels for quenching and tempering (ISO 683-1:2016; EN ISO 683-1:2018)

HRN EN ISO 683-2:2018 en pr
Toplinski obradivi čelici, legirani čelici i čelici za obradu na automatima – 2. dio: Legirani čelici za poboljšavanje (ISO 683-2:2016; EN ISO 683-2:2018)
Heat treatable steels, alloy steels and free-cutting steels – Part 2: Alloy steels for quenching and tempering (ISO 683-2:2016; EN ISO 683-2:2018)

HRN EN ISO 683-3:2018 en pr
Toplinski obradivi čelici, legirani čelici i čelici za obradu na automatima – 3. dio: Čelici za cementiranje (ISO 683-3:2016; EN ISO 683-3:2018)
Heat-treatable steels, alloy steels and free-cutting steels – Part 3: Case-hardening steels (ISO 683-3:2016; EN ISO 683-3:2018)

HRN EN ISO 683-4:2018 en pr
Toplinski obradivi čelici, legirani čelici i čelici za obradu na automatima – 4. dio: Čelici za automate (ISO 683-4:2016; EN ISO 683-4:2018)
Heat treatable steels, alloy steels and free-cutting steels – Part 4: Free-cutting steels (ISO 683-4:2016; EN ISO 683-4:2018)

HRN EN ISO 2085:2018 en pr
Anodizacija aluminija i aluminijevih legura – Provjera neprekinutosti tankih prevlaka dobivenih anodnom oksidacijom – Ispitivanje bakrenim sulfatom (ISO 2085:2018; EN ISO 2085:2018)
Anodizing of aluminium and its alloys – Check for continuity of thin anodic oxidation coatings – Copper sulfate test (ISO 2085:2018; EN ISO 2085:2018)

HRN EN ISO 6581:2018 en pr
Anodizacija aluminija i aluminijevih legura – Određivanje usporedne postojanosti obojanih prevlaka, dobivenih anodnom oksidacijom, na ultraljubičastu svjetlost i toplinu (ISO 6581:2018; EN ISO 6581:2018)
Anodizing of aluminium and its alloys – Determination of the comparative fastness to ultraviolet light and heat of coloured anodic oxidation coatings (ISO 6581:2018; EN ISO 6581:2018)

HRN EN 10164:2018 en pr
Čelični proizvodi s poboljšanim svojstvima s obzirom na deformaciju okomito na površinu proizvoda – Tehnički uvjeti isporuke (EN 10164:2018)
Steel products with improved deformation properties perpendicular to the surface of the product – Technical delivery conditions (EN 10164:2018)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 7539-6:2018 en pr
Korozija metala i legura – Ispitivanje korozije uz naprezanje – 6. dio: Priprema i primjena uzoraka s urezom za ispitivanja pod stalnim opterećenjem ili stalnim pomakom (ISO 7539-6:2018; EN ISO 7539-6:2018)
Corrosion of metals and alloys – Stress corrosion testing – Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement (ISO 7539-6:2018; EN ISO 7539-6:2018)

HZN/TO 508, Ambalaža i pakiranje

HRN EN 12726:2018 en pr
Ambalaža – Izvedba otvora boce promjera 18,5 mm za plutene čepove i kapica za zatvaranje (EN 12726:2018)
Packaging – Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules (EN 12726:2018)

HRN EN ISO 17480:2018 en pr
Ambalaža – Pristupačan dizajn – Jednostavno otvaranje (ISO 17480:2015; EN ISO 17480:2018)
Packaging – Accessible design – Ease of opening (ISO 17480:2015; EN ISO 17480:2018)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 12405-1:2018 en pr
Plinomjeri – Uređaji za korekciju – 1. dio: Korekcija obujma (EN 12405-1:2018)
Gas meters – Conversion devices – Part 1: Volume conversion (EN 12405-1:2018)

HRN EN 14236:2018 en pr
Ultrazvučni plinomjeri za kućanstva (EN 14236:2018)
Ultrasonic domestic gas meters (EN 14236:2018)

HZN/TO 531, Plastika i guma

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

HRN EN ISO 21970-1:2018 en pr
Plastika – Poliketon(ski) (PK) materijali za kalupljenje i ekstruziju – 1. dio: Sustav označavanja i osnovna specifikacija (ISO 21970-1:2018; EN ISO 21970-1:2018)
Plastics – Polyketone (PK) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 21970-1:2018; EN ISO 21970-1:2018)

HZN/TO 544, Strojni elementi

HRN EN ISO 4042:2018 en pr
Spojni elementi – Sustavi elektrolitičke zaštite (ISO 4042:2018; EN ISO 4042:2018)
Fasteners – Electroplated coating systems (ISO 4042:2018; EN ISO 4042:2018)

HRN EN ISO 10683:2018 en pr
Spojni elementi – Neelektrolitički nanasene cinčane prevlake (ISO 10683:2018; EN ISO 10683:2018)
Fasteners - Non-electrolytically applied zinc flake coating systems (ISO 10683:2018; EN ISO 10683:2018)

HZN/TO 553, Predgotovljeni proizvodi

HRN EN 14055:2018 en pr
Spremnici za ispiranje WC-a i pisoara (EN 14055:2018)
WC and urinal flushing cisterns (EN 14055:2018)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 18472:2018 en pr
Sterilizacija proizvoda za zdravstvenu skrb – Biološki i kemijski indikatori – Ispitna oprema (ISO 18472:2018; EN ISO 18472:2018)
Sterilization of health care products – Biological and chemical indicators – Test equipment (ISO 18472:2018; EN ISO 18472:2018)

HZN/TO 573, Elektronički račun

HRS CEN/TS 16931-3-2:2017/Ispr.1:2018 en pr
Elektronički račun – Dio 3-2: Sintaksno povezivanje za normu ISO/IEC 19845 (UBL 2.1), račun i odobrenje (CEN/TS 16931-3-2:2017/AC:2018)
Electronic invoicing – Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note (CEN/TS 16931-3-2:2017/AC:2018)

HZN/TO E20, Električni kabeli

HRN EN 60811-501:2013/A1:2018 en pr
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 501. dio: Mehanička ispitivanja – Ispitivanja za određivanje mehaničkih značajki smjese za izolacije i plašteve (IEC 60811-501:2012/am1:2018; EN 60811-501:2012/A1:2018)
Electric and optical fibre cables – Test methods for non-metallic materials – Part 501: Mechanical tests – Tests for determining the mechanical properties of insulating and sheathing compounds (IEC 60811-501:2012/am1:2018; EN 60811-501:2012/A1:2018)

HZN/TO E31, Eksplozivne atmosfere

HRN EN IEC 60079-7:2016/A1:2018 en pr
Eksplozivne atmosfere – 7. dio: Vrsta zaštite opreme povećana sigurnost "e" (IEC 60079-7:2015/am1:2017; EN IEC 60079-7:2015/A1:2018)
Explosive atmospheres – Part 7: Equipment protection by increased safety "e" (IEC 60079-7:2015/am1:2017; EN IEC 60079-7:2015/A1:2018)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 62386-221:2018 en pr
Digitalno upravljanje rasvjetom – 221. dio: Posebni zahtjevi za predspojne naprave – Odgovor na zahtjev (tip uređaja 20) (IEC 62386-221:2018; EN IEC 62386-221:2018)
Digital addressable lighting interface – Part 221: Particular requirements for control gear – Demand Response (device type 20) (IEC 62386-221:2018; EN IEC 62386-221:2018)

HRN EN IEC 62442-1:2018 en pr
Energetske značajke predspojnih naprava – 1. dio: Predspojne naprave za fluorescentne žarulje – Mjerne metode za određivanje ukupne ulazne snage krugova predspojne naprave i njezine iskoristivosti (IEC 62442-1:2018; EN IEC 62442-1:2018)
Energy performance of lamp controlgear – Part 1: Controlgear for fluorescent lamps – Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear (IEC 62442-1:2018; EN IEC 62442-1:2018)

HZN/TO E36, Izolatori

HRN EN 60507:2014/Ispr.1:2018 en pr
Ispitivanja umjetnog onečišćenja na visokonaponskim keramičkim i staklenim izolatorima za upotrebu u izmjeničnim sustavima (IEC 60507:2013/Corr.1:2018; EN 60507:2014/AC:2018)
Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a.c. systems (IEC 60507:2013/Corr.1:2018; EN 60507:2014/AC:2018)

HZN/TO E44, Elektrotehnička sigurnost strojeva

HRN EN 60204-1:2018 en pr
Sigurnost strojeva – Električna oprema strojeva – 1. dio: Opći zahtjevi (IEC 60204-1:2016; EN 60204-1:2018)
Safety of machinery – Electrical equipment of machines – Part 1: General requirements (IEC 60204-1:2016; EN 60204-1:2018)

HZN/TO E56, Pouzdanost

HRN EN IEC 62853:2018 en pr
Ovisnost otvorenih sustava (IEC 62853:2018; EN IEC 62853:2018)
Open systems dependability (IEC 62853:2018; EN IEC 62853:2018)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN 61850-6:2011/A1:2018 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – 6. dio: Konfiguracija opisnog jezika za komunikaciju u sustavima automatizacije energetskih postrojenja s obzirom na IED-ove (IEC 61850-6:2009/am1:2018; EN 61850-6:2010/A1:2018)
Communication networks and systems for power utility automation – Part 6: Configuration description language for communication in power utility automation systems related to IEDs (IEC 61850-6:2009/am1:2018; EN 61850-6:2010/A1:2018)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-15:2016/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-15: Posebni zahtjevi za aparate za grijanje tekućina (EN 60335-2-15:2016/A11:2018)
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (EN 60335-2-15:2016/A11:2018)

HRN EN 60335-2-28:2005/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-28: Posebni zahtjevi za šivalice (EN 60335-2-28:2003/A11:2018)
Household and similar electrical appliances – Safety – Part 2-28: Particular requirements for sewing machines (EN 60335-2-28:2003/A11:2018)

HRN EN 60335-2-29:2008/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-29: Posebni zahtjevi za punilice baterija (EN 60335-2-29:2004/A11:2018)
Household and similar electrical appliances – Safety – Part 2-29: Particular requirements for battery chargers (EN 60335-2-29:2004/A11:2018)

HRN EN 60335-2-55:2008/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-55: Posebni zahtjevi aparata za akvarije i vrtna jezerca (EN 60335-2-55:2003/A11:2018)
Household and similar electrical appliances – Safety – Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds (EN 60335-2-55:2003/A11:2018)

HRN EN 60335-2-59:2008/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-59: Posebni zahtjevi za muholovke (EN 60335-2-59:2003/A11:2018)
Household and similar electrical appliances – Safety – Part 2-59: Particular requirements for insect killers (EN 60335-2-59:2003/A11:2018)

HRN EN 60335-2-74:2008/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-74: Posebni zahtjevi za pomična uronjiva grijala (EN 60335-2-74:2003/A11:2018)
Household and similar electrical appliances – Safety – Part 2-74: Particular requirements for portable immersion heaters (EN 60335-2-74:2003/A11:2018)

HRN EN 60335-2-85:2008/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-85: Posebni zahtjevi za parne aparate za tkanine (EN 60335-2-85:2003/A11:2018)
Household and similar electrical appliances – Safety – Part 2-85: Particular requirements for fabric steamers (EN 60335-2-85:2003/A11:2018)

HZN/TO E79, Alarmni sustavi

HRN EN 50131-2-10:2018 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-10: Protuprovalni detektori – Kontakti za detekciju zaključanosti (magnetski) (EN 50131-2-10:2018)
Alarm systems – Intrusion and hold-up systems – Part 2-10: Intrusion detectors – Lock state contacts (magnetic) (EN 50131-2-10:2018)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 549 V2.1.2:2018 en pr
Zahtjevi s obzirom na dostupnost ICT proizvoda i usluga (EN 301 549 V2.1.2:2018)
Accessibility requirements for ICT products and services (EN 301 549 V2.1.2:2018)

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRS ISO/IEC TS 17021-10:2018 en pr
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja – 10. dio: Zahtjevi osposobljenosti za auditiranje i certifikaciju sustava upravljanja zaštitom zdravlja i sigurnosti na radu (ISO/IEC TS 17021-10:2018)
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 10: Competence requirements for auditing and certification of occupational health and safety management systems (ISO/IEC TS 17021-10:2018)

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

HRN EN ISO 21043-1:2018 en pr
Forenzične znanosti – 1. dio: Nazivi i defincije (ISO 21043-1:2018; EN ISO 21043-1:2018)
Forensic Sciences – Part 1: Terms and definitions (ISO 21043-1:2018; EN ISO 21043-1:2018)

HRN EN ISO 22315:2018 en pr
Društvena sigurnost – Masovne evakuacije – Smjernice za planiranje (ISO 22315:2014; EN ISO 22315:2018)
Societal security – Mass evacuation – Guidelines for planning (ISO 22315:2014; EN ISO 22315:2018)

HRN EN ISO 22397:2018 en pr
Društvena sigurnost – Smjernice za uspostavu partnerskih dogovora (ISO 22397:2014; EN ISO 22397:2018)
Societal security – Guidelines for establishing partnering arrangements (ISO 22397:2014; EN ISO 22397:2018)

HZN/TU I2, Strojstvo 2

HRN EN ISO 28057:2018 en pr
Dosimetry with solid thermoluminescence detectors for photon and electron radiations in radiotherapy (ISO 28057:2014; EN ISO 28057:2018)

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

HRN EN ISO 10650:2018 en pr
Stomatologija – Aktivatori polimerizacije (ISO 10650:2018; EN ISO 10650:2018)
Dentistry – Powered polymerization activators (ISO 10650:2018; EN ISO 10650:2018)

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

HRN EN ISO 24134:2018 en pr
Industrijska vozila – Dodatni zahtjevi za automatske funkcije na kamionima (ISO 24134:2006; EN ISO 24134:2018)
Industrial trucks – Additional requirements for automated functions on trucks (ISO 24134:2006; EN ISO 24134:2018)

HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60695-6-2:2018 en pr
Ispitivanje opasnosti od požara – Dio 6-2: Dimno zamračenje – Sažetak i značaj metoda ispitivanja (IEC 60695-6-2:2018; EN IEC 60695-6-2:2018)
Fire hazard testing – Part 6-2: Smoke obscuration – Summary and relevance of test methods (IEC 60695-6-2:2018; EN IEC 60695-6-2:2018)

HRN EN IEC 60974-1:2018 en pr
Oprema za elektrolučno zavarivanje – 1. dio: Izvori napajanja za zavarivanje (IEC 60974-1:2017; EN IEC 60974-1:2018)
Arc welding equipment – Part 1: Welding power sources (IEC 60974-1:2017; EN IEC 60974-1:2018)

HRN EN IEC 61788-23:2018 en pr
Supravodljivost – 23. dio: Mjerenje omjera preostalog otpora – Omjer preostalog otpora Nb supravodiča (IEC 61788-23:2018; EN IEC 61788-23:2018)
Superconductivity – Part 23: Residual resistance ratio measurement – Residual resistance ratio of Nb superconductors (IEC 61788-23:2018; EN IEC 61788-23:2018)

HRN EN IEC 62822-1:2018 en pr
Električna oprema za zavarivanje – Procjena ograničenja koja se odnose na izloženost ljudi elektromagnetskim poljima (0 Hz do 300 GHz) – 1. dio: Norma porodice proizvoda (IEC 62822-1:2016; EN IEC 62822-1:2018)
Electric welding equipment – Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz) – Part 1: Product family standard (IEC 62822-1:2016; EN IEC 62822-1:2018)

HZN/TU V1, Elektronika 1

HRN EN 50556:2018 en pr
Signalni sustavi cestovnog prometa (EN 50556:2018)
Road traffic signal systems (EN 50556:2018)

HRN EN IEC 61189-2-630:2018 en pr
Metode ispitivanja za električne materijale, tiskane pločice i druge međusobno povezujuće strukture i sklopove – Dio 2-630: Metode ispitivanja materijala za međusobno povezujuće strukture – Apsorpcija vlage nakon kondicioniranja u tlačnoj posudi (IEC 61189-2-630:2018; EN IEC 61189-2-630:2018)
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-630: Test methods for materials for interconnection structures – Moisture absorption after pressure vessel conditioning (IEC 61189-2-630:2018; EN IEC 61189-2-630:2018)

HRN EN IEC 61290-4-4:2018 en pr
Optička pojačala – Metode ispitivanja – Dio 4-4: Parametri prijelaznog pojačanja – Jednokanalna optička pojačala s kontrolom pojačanja (IEC 61290-4-4:2018; EN IEC 61290-4-4:2018)
Optical amplifiers – Test methods – Part 4-4: Gain transient parameters – Single channel optical amplifiers with gain control (IEC 61290-4-4:2018; EN IEC 61290-4-4:2018)

HRN EN IEC 63093-8:2018 en pr
Feritne jezgre – Smjernice za dimenzije i granice površinskih nepravilnosti – 8. dio: E jezgre (IEC 63093-8:2018; EN IEC 63093-8:2018)
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 8: E-cores (IEC 63093-8:2018; EN IEC 63093-8:2018)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 60705:2016/A2:2018 en pr
Kućanske mikrovalne pećnice – Ispitne metode za mjerenje radnih značajka (IEC 60705:2010/am2:2018; EN 60705:2015/A2:2018)
Household microwave ovens – Methods for measuring performance (IEC 60705:2010/am2:2018; EN 60705:2015/A2:2018)

1.3 Prijedlozi za prihvaćanje stranih norma iz 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 12216 en
Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements (ISO/DIS 12216:2018)
Mala plovila – Prozori, okna, grotlašca, vidnici i vrata – Zahtjevi za čvrstoću i vodonepropusnost (ISO/DIS 12216:2018)

HZN/TO 21, Protupožarna i vatrogasna oprema

prEN 12101-1 en
Smoke and heat control systems – Part 1: Specification for smoke barriers
Sustavi za upravljanje dimom i toplinom – 1. dio: Specifikacija dimnih zastora

prEN 15182-1 en
Portable equipment for projecting extinguishing agents supplied by firefighting pumps – Hand-held branchpipes for fire service use – Part 1: Common requirements
Prijenosna oprema za stvaranje i nanašanje sredstva za gašenje pomoću vatrogasnih pumpi – Ručne mlaznice za vatrogasnu uporabu – 1. dio: Opći zahtjevi

prEN 15182-2 en
Portable equipment for projecting extinguishing agents supplied by firefighting pumps – Hand-held branchpipes for fire service use – Part 2: Combination branchpipes PN 16
Prijenosna oprema za stvaranje i nanašanje sredstva za gašenje pomoću vatrogasnih pumpi – Ručne mlaznice za vatrogasnu uporabu – 2. dio: Kombinirane ručne mlaznice PN 16

prEN 15182-3 en
Portable equipment for projecting extinguishing agents supplied by firefighting pumps – Hand-held branchpipes for fire service use – Part 3: Smooth bore jet and/or one fixed spray jet angle branchpipes PN 16
Prijenosna oprema za stvaranje i nanašanje sredstva za gašenje pomoću vatrogasnih pumpi – Ručne mlaznice za vatrogasnu uporabu – 3. dio: Ručne mlaznice PN 16 s punim mlazom i /ili s jednim fiksnim kutom raspršenog mlaza

prEN 15182-4 en
Portable equipment for projecting extinguishing agents supplied by firefighting pumps – Hand-held branchpipes for fire service use – Part 4: High pressure branchpipes PN 40
Prijenosna oprema za stvaranje i nanašanje sredstva za gašenje pomoću vatrogasnih pumpi – Ručne mlaznice za vatrogasnu uporabu – 4. dio: Visokotlačne ručne mlaznice PN 40

HZN/TO 22, Cestovna vozila

- prEN ISO 15118-2 en
Road vehicles – Vehicle to grid communication interface – Part 2: Network and application protocol requirements (ISO/DIS 15118-2:2018)
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 2. dio: Zahtjevi za mrežu i protokol primjene (ISO/DIS 15118-2:2018)

HZN/TO 28, Naftni proizvodi i maziva

- prEN 17306 en
Liquid petroleum products – Determination of distillation characteristics at atmospheric pressure – Micro-distillation

HZN/TO 43, Akustika

- EN 14366:2004/prA1 en
Laboratory measurement of noise from waste water installations
Laboratorijsko mjerenje buke od odvodnih instalacija

- prEN ISO 17201-3 en
Acoustics – Noise from shooting ranges – Part 3: Sound propagation calculations (ISO/FDIS 17201-3:2018)
Akustika – Buka streljana – 3. dio: Računanje širenja zvuka (ISO/FDIS 17201-3:2018)

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

- ISO 17068:2017 en
Information and documentation – Trusted third party repository for digital records
Informacije i dokumentacija – Pouzdani repozitoriji treće strane za digitalne zapise

- ISO 18626:2017 en
Information and documentation – Interlibrary Loan Transactions
Informacije i dokumentacija – Transakcije u međuknjižničnoj posudbi

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

- prEN ISO 22712 en
Refrigerating systems and heat pumps – Competence of personnel (ISO/DIS 22712:2018)
Rashladni sustavi i dizalice topline – Osposobljenost osoblja (ISO/DIS 22712:2018)

HZN/TO 92, Zaštita od požara

- prEN ISO 11925-2 en
Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test (ISO/DIS 11925-2:2018)
Ispitivanja reakcije na požar – Zapaljivost proizvoda izloženih izravnom djelovanju plamena – 2. dio: Ispitivanje pojedinačnim izvorom plamena (ISO/DIS 11925-2:2018)

HZN/TO 108, Mehaničke vibracije i udari

- ISO 20816-8:2018 en
Mechanical vibration – Measurement and evaluation of machine vibration – Part 8: Reciprocating compressor systems
Mehaničke vibracije – Mjerenje i ocjena vibracija strojeva – 8. dio: Klipni kompresorski sustavi

- EN ISO 28927-8:2009/prA2 en
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action (ISO 28927-8:2009/DAMd 2:2018)
Ručni prijenosni strojni alati – Ispitne metode za procjenu emisije vibracija – 8. dio: Pile, strojevi za poliranje i struganje s izmjeničnim djelovanjem i pile s vibracijskim ili rotacijskim djelovanjem (ISO 28927-8:2009/DAMd 2:2018)

HZN/TO 120, Koža i obuća

- prEN ISO 17076-1 en
Leather – Determination of abrasion resistance – Part 1: Taber method (ISO/DIS 17076-1:2018)
Koža – Određivanje otpornosti na habanje – 1. dio: Metoda po Taberu (ISO/DIS 17076-1:2018)

HZN/TO 135, Nerazorna ispitivanja

- prEN 17290 en
Non-destructive testing – Ultrasonic testing – Examination for loss of thickness due to erosion and/or corrosion using the TOFD technique
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Ispitivanje stanjenja zbog erozije i/ili korozije tehnikom difrakcije (TOFD)

HZN/TO 163, Toplinska izolacija

- EN 13162:2012+A1:2015/prA2 en
Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od mineralne vune (MW) – Specifikacija

- EN 13163:2012+A2:2016/prA3 en
Thermal insulation products for buildings – Factory made expanded polystyrene (EPS) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspaniranog polistirena (EPS) – Specifikacija

- EN 13164:2012+A1:2015/prA2 en
Thermal insulation products for buildings – Factory made extruded polystyrene foam (XPS) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekstrudirane polistirenske pjene (XPS) – Specifikacija

- EN 13165:2012+A2:2016/prA3 en
Thermal insulation products for buildings – Factory made rigid polyurethane foam (PU) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od tvrde poliuretanske pjene (PUR) – Specifikacija

- EN 13166:2012+A2:2016/prA3 en
Thermal insulation products for buildings – Factory made phenolic foam (PF) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od fenolne pjene (PF) – Specifikacija

- EN 13167:2012+A1:2015/prA2 en
Thermal insulation products for buildings – Factory made cellular glass (CG) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ćelijastog (pjenastog) stakla (CG) – Specifikacija

- EN 13168:2012+A1:2015/prA2 en
Thermal insulation products for buildings – Factory made wood wool (WW) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od drvene vune (WW) – Specifikacija

- EN 13169:2012+A1:2015/prA2 en
Thermal insulation products for buildings – Factory made expanded perlite board (EPB) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspaniranog perlita (EPB) – Specifikacija

- EN 13170:2012+A1:2015/prA2 en
Thermal insulation products for buildings – Factory made products of expanded cork (ICB) – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspaniranog pluta (ICB) – Specifikacija

- EN 13171:2012+A1:2015/prA2 en
Thermal insulation products for buildings – Factory made wood fibre (WF) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od drvenih vlakana (WF) – Specifikacija

- EN 15101-1:2013/FprA1:2018 en
Thermal insulation products for buildings – In-situ formed loose fill cellulose (LFC1) products – Part 1: Specification for the products before installation
Toplinsko-izolacijski proizvodi za zgrade – Na mjestu oblikovani izolacijski proizvodi od celuloznog punila (LFC1) – 1. dio: Specifikacija za proizvode prije ugradnje

- EN 16069:2012+A1:2015/prA2 en
Thermal insulation products for buildings – Factory made products of polyethylene foam (PEF) – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od polietilenske pjene (PEF) – Specifikacija

HZN/TO 165, *Drvene konstrukcije*

prEN ISO 8970 en
Timber structures – Testing of joints made with mechanical fasteners – Requirements for timber density (ISO/DIS 8970:2018)
Drvene konstrukcije – Ispitivanje spojeva izvedenih mehaničkim spajalima – Zahtjevi za gustoću drva (ISO/DIS 8970:2018)

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

prEN 12015 en
Electromagnetic compatibility – Product family standard for lifts, escalators and moving walks – Emission
Elektromagnetska kompatibilnost – Norma porodice proizvoda za dizala, pokretne stube i putničke transportere – Emisija

HZN/TO 182, *Geotehničke konstrukcije*

prEN ISO 18674-5 en
Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 5: Stress change measurements by Total Pressure Cells (TPC) (ISO/DIS 18674-5:2018)

HZN/TO 215, *Medicinska informatika*

prEN ISO 11073-10425 en
Health informatics – Personal health device communication – Part 10425: Device specialization – Continuous glucose monitor (CGM) (ISO/IEEE/FDIS 11073-10425:2018)
Medicinska informatika – Povezivost osobnoga medicinskog uređaja – 10425. dio: Namjena uređaja – Uređaj za kontinuirano praćenje koncentracije glukoze u krvi (ISO/IEEE/FDIS 11073-10425:2018)

ISO 20301:2014 en
Health informatics – Health cards – General characteristics
Medicinska informatika – Zdravstvene kartice – Opće značajke

ISO 20302:2014 en
Health informatics – Health cards – Numbering system and registration procedure for issuer identifiers
Medicinska informatika – Zdravstvene kartice – Sustav numeriranja i postupci registracije identifikacijskih oznaka izdavatelja

ISO/HL7 21731:2014 en
Health informatics – HL7 version 3 – Reference information model – Release 4
Medicinska informatika – HL7 inačica 3 – Referentni informacijski model – 4. izdanje

ISO 22857:2013 en
Health informatics – Guidelines on data protection to facilitate trans-border flows of personal health data
Medicinska informatika – Smjernice za zaštitu podataka radi omogućavanja prekograničnog protoka osobnih zdravstvenih podataka

HZN/TO 238, *Čvrsta biogoriva*

EN ISO 14780:2017/prA1 en
Solid biofuels – Sample preparation (ISO 14780:2017/DAmD 1:2018)
Čvrsta biogoriva – Priprema uzoraka (ISO 14780:2017/DAmD 1:2018)

HZN/TO 503, *Metalni materijali*

prEN 10250-4:2018 en
Open die steel forgings for general engineering purposes – Part 4: Stainless steels
Čelični otkivci za inženjersku uporabu dobiveni slobodnim kovanjem – 4. dio: Nehrđajući čelici

HZN/TO 508, *Ambalaža i pakiranje*

prEN ISO 12822 en
Glass packaging – 26 H 126 crown finish – Dimensions (ISO/DIS 12822:2018)
Staklena ambalaža – Krunsko grlo 26 H 126 – Dimenzije (ISO/DIS 12822:2018)

HZN/TO 518, *Podovi, stropovi i zidne obloge*

prEN 1517:2018 en
Surfaces for sports areas – Determination of resistance to impact
Površine sportskih terena – Određivanje otpornosti na udar

HZN/TO 524, *Inteligentni transportni sustavi*

prEN ISO 12813 en
Electronic fee collection – Compliance check communication for autonomous systems (ISO/DIS 12813:2018)
Elektronička naplata – Komunikacija provjere sukladnosti za autonomne sustave (ISO/DIS 12813:2018)

HZN/TO 528, *Oprema za željeznice*

prEN 14067-5 en
Railway applications – Aerodynamics – Part 5: Requirements and test procedures for aerodynamics in tunnels
Željeznički sustav – Aerodinamika – 5. dio: Zahtjevi i postupci ispitivanja za aerodinamiku u tunelima

prEN 16729-2 en
Railway applications – Infrastructure – Non-destructive testing on rails in track – Part 2: Eddy current testing of rails in track

EN 16922:2017/prA1 en
Railway applications – Ground based services – Vehicle waste water discharge equipment
Željeznički sustav – Stacionarna služba – Oprema za pražnjenje otpadne vode iz vozila

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

prEN 280-1 en
Mobile elevating work platforms – Part 1: Design calculations – Stability criteria – Construction – Safety – Examinations and tests
Pokretne podizne radne platforme – 1. dio – Projektni proračuni – Kriteriji stabilnosti – Konstrukcija – Sigurnost – Ispitivanja i pokusi

prEN 280-2 en
Mobile elevating work platforms – Part 2: Additional safety requirements for load lifting appliances on the extending lifting structure and work platform

prEN 13852-3 en
Cranes – Offshore cranes – Part 3: Light offshore cranes

HZN/TO 531, *Plastika i guma*

prEN 13100-2:2018 en
Non-destructive testing of welded joints in thermoplastics semi-finished products – Part 2: X-ray radiographic testing
Nerazorno ispitivanje zavarenih spojeva u plastomernim poluproizvodima – 2. dio: Rendgensko radiografsko ispitivanje

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

prEN 12758 en
Glass in building – Glazing and airborne sound insulation – Product descriptions, determination of properties and extension rules
Staklo u graditeljstvu – Ostakljenje i izolacija od zvuka prenošenog zrakom – Opisi proizvoda, određivanje svojstava i proširena pravila

EN 13830:2015/prA1 en
Curtain walling – Product standard
Ovještene fasade – Norma za proizvod

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

FprEN 12976-1 en
Thermal solar systems and components – Factory made systems – Part 1: General requirements
Solarni toplinski sustavi i komponente – Tvornički izrađeni sustavi – 1. dio: Opći zahtjevi

FprEN 12976-2 en
Thermal solar systems and components – Factory made systems – Part 2: Test methods
Solarni toplinski sustavi i komponente – Tvornički izrađeni sustavi – 2. dio: Metode ispitivanja

prEN 13141-4 en

Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 4: Aerodynamic, electrical power and acoustic performance of unidirectional ventilation units
Ventilacija u zgradama – Ispitivanje značajka dijelova/proizvoda za ventilaciju zgrada – 4. dio: Aerodinamička, električna i akustička izvedba jednosmjernih ventilacijskih jedinica

prEN 13141-7 en

Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 7: Performance testing of ducted mechanical supply and exhaust ventilation units (including heat recovery)
Ventilacija u zgradama – Ispitivanje značajka dijelova/proizvoda za ventilaciju zgrada – 7. dio: Ispitivanje značajka za kanalnu dobavnu i otsisnu ventilacijsku opremu (uključujući povrat topline)

prEN 13141-8 en

Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 8: Performance testing of non-ducted mechanical supply and exhaust ventilation units (including heat recovery)
Ventilacija u zgradama – Ispitivanje značajka dijelova/proizvoda za ventilaciju stambenih zgrada – 8. dio: Ispitivanje značajka za beskanalnu dobavnu i otsisnu ventilacijsku opremu (uključujući povrat topline)

prEN 13142 en

Ventilation for buildings – Components/products for residential ventilation – Required and optional performance characteristics
Ventilacija u zgradama – Dijelovi/proizvodi za stambenu ventilaciju – Neophodne i neobavezne karakteristike značajka

prEN 14908-7:2018 en

Open communication in building automation, controls and building management – Control Network Protocol – Part 7: Communication via internet protocols
Otvorena komunikacija u automatizaciji zgrada, regulacija i upravljanje u zgradama – Protokol za mrežno upravljanje – 7. dio: Komunikacija putem internetskih protokola

prEN 17281 en

Safety requirements – Vehicle cleaning equipment
Sigurnosni zahtjevi – Oprema za čišćenje vozila

HZN/TO 543, Poštanske usluge

prEN 14012 en

Postal services – Quality of service – Complaints handling principles
Poštanske usluge – Kvaliteta usluge – Načela rukovanja pritužbama

HZN/TO 551, Gradnja

prEN ISO 21597-1 en

Information container for data drop – Exchange specification – Part 1: Container (ISO/DIS 21597-1:2018)

prEN ISO 21597-2 en

Information container for data drop – Exchange specification – Part 2: Dynamic semantics (ISO/DIS 21597-2:2018)

HZN/TO 555, Medicinski proizvodi

EN 285:2015/prA1:2018 en

Sterilization – Steam sterilizers – Large sterilizers
Sterilizatori – Sterilizatori na paru – Veliki sterilizatori

HZN/TO 560, Tekstilni proizvodi

prEN ISO 2307 en

Fibre ropes – Determination of certain physical and mechanical properties (ISO/DIS 2307:2018)
Vlaknasta užad – Određivanje određenih fizikalnih i mehaničkih svojstava (ISO/DIS 2307:2018)

prEN ISO 20705 en

Textiles – Quantitative microscopical analysis – General principles of testing (ISO/DIS 20705:2018)

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

prEN 215 en

Thermostatic radiator valves – Requirements and test methods
Termostatski radijatorski ventili – Zahtjevi i metode ispitivanja

HZN/TO E9, Električna oprema za željeznicu

prEN 50488:2018 en

Railway applications – Fixed Installations – Electrical protective measures for working on or near an overhead contact line system and/or its associated return circuit
Željeznički sustav – Stabilna postrojenja – Električne zaštitne mjere za rad na ili u blizini sustava kontaktnog voda i/ili njemu pridruženog povratnog kruga

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

prEN IEC 60684-3-214:2018 en

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 214: Heat-shrinkable, polyolefin sleeving, not flame retarded, thick and medium wall (IEC 60684-3-214:201X)
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 214. list: Toplinski skupljajuće poliolefinske navlake, bez usporenog gorenja, debele i srednje debele stijenke (IEC 60684-3-214:201X)

prEN IEC 60684-3-247:2018 en

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 247: Heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded, thick and medium wall (IEC 60684-3-247:201X)
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 247. list: Toplinski skupljajuće poliolefinske navlake s dvostrukom stijenkom, bez usporenog gorenja, debele i srednje debele stijenke (IEC 60684-3-247:201X)

prEN IEC 60684-3-280:2018 en

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 280: Heat-shrinkable, polyolefin sleeving, anti-tracking (IEC 60684-3-280:201X)
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 280. list: Toplinski skupljajuće poliolefinske navlake otporne na vučenje (IEC 60684-3-280:201X)

prEN IEC 60684-3-283:2018 en

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 283: Heat-shrinkable, polyolefin sleeving for bus-bar insulation (IEC 60684-3-283:201X)
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 283. list: Toplinski skupljajuće poliolefinske navlake za izolaciju šipki za sabirnice (IEC 60684-3-283:201X)

HZN/TO E23, Električni instalacijski pribor

prEN IEC 61535:2018 en

Installation couplers intended for permanent connection in fixed installations (IEC 61535:201X)
Instalacijske spojnice za trajni priključak u fiksnim instalacijama (IEC 61535:201X)

HZN/TO E31, Eksplozivne atmosfere

prEN 50104 en

Electrical apparatus for the detection and measurement of oxygen – Performance requirements and test methods
Električni uređaji za otkrivanje i mjerenje kisika – Zahtjevi za pogonska svojstva i metode ispitivanja

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

EN 60809:2015/prA3:2018 en

Lamps for road vehicles – Dimensional, electrical and luminous requirements (IEC 60809:2014/am3:201X)
Žarulje za cestovna vozila – Dimenzije, električni i svjetlosni zahtjevi (IEC 60809:2014/am3:201X)

EN IEC 60810:2018/prA1:2018 en

Lamps, light sources and LED packages for road vehicles – Performance requirements (IEC 60810:2017/am1:201X)
Žarulje, izvori svjetla i svjetleće diode za cestovna vozila – Izvedbeni zahtjevi (IEC 60810:2017/am1:201X)

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

prHD IEC 60364-7-701:2018 en
Low-voltage electrical installations – Part 7-701: Requirements for special installations or locations – Locations containing a bath or shower (IEC 60364-7-701:201X)
Niskonaponske električne instalacije – Dio 7-701: Zahtjevi za posebne instalacije ili prostore – Prostori s kadom ili tušem (IEC 60364-7-701:201X)

HD 60364-7-706:2007/prA1:2018 en
Low-voltage electrical installations – Part 7-706: Requirements for special installations or locations – Conducting locations with restricted movement (IEC 60364-7-706:2005/am1:201X)
Niskonaponske električne instalacije – Dio 7-706: Zahtjevi za posebne instalacije ili prostore – Vodljivi prostori s ograničenom slobodom kretanja (IEC 60364-7-706:2005/am1:201X)

HZN/TO E79, *Alarmni sustavi*

prEN 50131-13 en
Alarm systems – Intrusion and hold-up systems – Part 13: Security Pyrotechnic Obscuration Devices
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 13. dio: Pirotehnički zaštitni uređaji za smanjenje vidljivosti

HZN/TO E501, *Elektroakustika i ultrazvuk*

prEN IEC 61828:2018 en
Ultrasonics – Focusing transducers – Definitions and measurement methods for the transmitted fields (IEC 61828:201X)
Ultrazvuk – Fokusrajući pretvarači – Definicije i metode mjerenja stvorenog polja (IEC 61828:201X)

HZN/TO Z1, *Informacijska tehnologija*

ISO/IEC 11770-2:2018 en
IT Security techniques – Key management – Part 2: Mechanisms using symmetric techniques
Sigurnosne tehnike IT-a – Upravljanje ključem – 2. dio: Mehanizmi korištenja simetričnih tehnika

ISO/IEC 11770-3:2015/Amd 1:2017 en
Information technology – Security techniques – Key management – Part 3: Mechanisms using asymmetric techniques – Amendment 1: Blinded Diffie-Hellman key agreement
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 3. dio: Mehanizmi korištenja asimetričnih tehnika – Amandman 1: Slijepi Diffie-Hellman dogovor ključeva

ISO/IEC 11770-4:2017 en
Information technology – Security techniques – Key management – Part 4: Mechanisms based on weak secrets
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 4. dio: Mehanizmi koji se temelje na slabim tajnama

ISO/IEC 18033-2:2006/Amd 1:2017 en
Information technology – Security techniques – Encryption algorithms – Part 2: Asymmetric ciphers – Amendment 1: FACE
Informacijska tehnologija – Sigurnosne tehnike – Algoritmi šifriranja – 2. dio: Asimetrična enkripcija – Amandman 1: FACE

ISO/IEC/IEEE 26512:2018 en
Systems and software engineering – Requirements for acquirers and suppliers of information for users
Sistemska i programsko inženjerstvo – Zahtjevi na preuzimatelje i isporučitelje informacija za korisnike

ISO/IEC 27005:2018 en
Information technology – Security techniques – Information security risk management
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje rizikom informacijske sigurnosti

HZN/TO Z2, *Ocjenjivanje sukladnosti i akreditacija*

prEN ISO/IEC 17029 en
Conformity Assessment – General principles and requirements for validation and verification bodies (ISO/IEC/DIS 17029:2018)

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

prEN 415-3 en
Safety of packaging machines – Part 3: Form, fill and seal machines, fill and seal machines

EN 1459-1:2017/prA1 en
Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks
Vozila za teške terene – Sigurnosni zahtjevi i verifikacija – 1. dio: Vozila s promjenjivim dometom

FprEN 2583 en
Aerospace series – Bolts; MJ threads, in heat resisting nickel base alloy NI-PH2601 (Inconel 718) – Classification: 1 275 MPa (at ambient temperature)/650 °C – Technical specification
Zrakoplovstvo – Vijci, s "MJ" navojem, otporni na toplinu od legure na bazi nikla NI-PH2601 (Inconel 718) – Klasifikacija: 1275 MPa (pri temperaturi okoline)/650 °C – Tehničke specifikacije

FprEN 2952 en
Aerospace series – Heat resisting alloy NI-PH2601 – Solution treated and cold worked – Bar for forged fasteners – D ≤ 50 mm – 1 270 MPa ≤ Rm ≤ 1 550 MPa

FprEN 3155-014 en
Aerospace series – Electrical contacts used in elements of connection – Part 014: Contacts, electrical, male, type A, crimp, class S – Product standard
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – 014. dio: Kontakti, električni, muški, tip A, za krimpanje, razreda S – Norma za proizvod

FprEN 3155-015 en
Aerospace series – Electrical contacts used in elements of connection – Part 015: Contacts, electrical, female, type A, crimp, class S – Product standard
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – 015. dio: Kontakti, električni, ženski, tip A, za krimpanje, razreda S – Norma za proizvod

FprEN 3155-082 en
Aerospace series – Electrical contacts used in elements of connection – Part 082: Contacts, electrical, female, type A, crimp, class S – Product standard
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – Dio 082: Kontakti, električni, ženski, tip A, za krimpanje, razreda S – Norma za proizvod

FprEN 3220 en
Aerospace series – Heat resisting nickel base alloy (Ni-P101HT) – Cold worked and softened – Bar and wire for continuous forging or extrusion for fasteners – 3 mm ≤ D ≤ 30 mm

FprEN 3314 en
Aerospace series – Titanium alloy TI-P64001 – Solution treated and aged – Bar for machining – D ≤ 75 mm

FprEN 3645-005 en
Aerospace series – Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous – Part 005: Receptacle, hermetic, round flange, solder mounting – Product standard
Zrakoplovstvo – Spojnice, električne, okrugle, sa zaštitom od dodira, za spajanje pomoću trostrukog navoja, stalne radne temperature 175 °C ili 200 °C – 005. dio: Utičnica, bez dotoka zraka, okrugla prirubnica, ugradnja lemljenjem – Norma za proizvod

FprEN 3645-013 en
Aerospace series – Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous – Part 013: Dummy receptacle – Product standard
Zrakoplovstvo – Spojnice, električne, okrugle, sa zaštitom od dodira, za spajanje pomoću trostrukog navoja, stalne radne temperature 175 °C ili 200 °C – 013. dio: Prazne utičnice – Norma za proizvod

EN ISO 3691-1:2015/prA2 en
Industrial trucks – Safety requirements and verification – Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO 3691-1:2011/DAmD 2:2018)
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 1. dio: Industrijska vozila na vlastitim pogon, osim vozila bez vozača, vozila s promjenjivim dometom i teretnih vozila (ISO 3691-1:2011/DAmD 2:2018)

- FprEN 3818 en
Aerospace series – Bolts; MJ threads; in titanium alloy TI-P64001 – Strength class: 1 100 MPa (at ambient temperature) – Technical specification
Zrakoplovstvo – Matice, MJ navoji, od legure titana TI-P64001 – Razred snage: 1100 MPa (pri temperaturi okoline) – Tehnička specifikacija
- FprEN 4539-2 en
Aerospace series – Bearings, spherical plain, in corrosion resisting steel with self-lubricating liner – Elevated load under low oscillations – Wide series – Dimensions and loads – Inch series
- FprEN 4660-004 en
Aerospace series – Modular and open avionics architectures – Part 004: Packaging
Zrakoplovstvo – Modularna i otvorena avionska arhitektura – 004. dio: Pakiranje
- FprEN 4660-005 en
Aerospace series – Modular and Open Avionics Architectures – Part 005: Software
Zrakoplovstvo – Modularna i otvorena avionska arhitektura – 005. dio: Programska podrška
- FprEN 9138 en
Aerospace Series – Quality Management Systems – Statistical Product – Acceptance Requirements
- prEN 9147 en
Aerospace series – Management of unsalvageable Items
- EN 12895:2015/prA1:2018 en
Industrial trucks – Electromagnetic compatibility
Industrijska vozila – Elektromagnetska kompatibilnost

HZN/TU U1, *Opća elektrotehnika 1*

- prEN IEC 60974-10:2018 en
Arc welding equipment – Part 10: Electromagnetic compatibility (EMC) requirements (IEC 60974-10:201X)
Oprema za elektrolučno zavarivanje – 10. dio: Zahtjevi za elektromagnetsku kompatibilnost (EMC) (IEC 60974-10:201X)
- prEN IEC 62656-8:2018 en
Standardized product ontology register and transfer by data parcels – Part 8: Web service interface for data parcels (IEC 62656-8:201X)
Registar normiranih ontologija proizvoda i prijenos pomoću podatkovnih paketa – 8. dio: Sučelje internetskih servisa za podatkovne pakete (IEC 62656-8:201X)

HZN/TU V1, *Elektronika 1*

- prEN IEC 62668-2:2018 en
Process management for avionics – Counterfeit prevention – Part 2: Managing electronic components from non-franchised sources (IEC 62668-2:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

- prEN 50194-2:2018 en
Electrical apparatus for the detection of combustible gases in domestic premises – Part 2: Electrical apparatus for continuous operation in a fixed installation in recreational vehicles and similar premises – Additional test methods and performance requirements
Električna oprema za otkrivanje zapaljivih plinova u kućanskim prostorima – 2. dio: Električna oprema za neprekidan rad u fiksnim instalacijama u vozilima za kampiranje i sličnim prostorima – Dodatne metode ispitivanja i izvedbeni zahtjevi
- prEN 50291-2 en
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 2: Electrical apparatus for continuous operation in a fixed installation in recreational vehicles and similar premises including recreational craft – Additional test methods and performance requirements
Električna oprema za otkrivanje ugljičnog monoksida u kućanskim prostorima – 2. dio: Električna oprema za neprekidan rad u fiksnim instalacijama u vozilima za kampiranje i sličnim prostorima, uključujući brodice – Dodatne metode ispitivanja i izvedbeni zahtjevi

- EN 50632-1:2015/prAA:2018 en
Electric motor-operated tools – Dust measurement Procedure – Part 1: General requirements
Elektromotorni alati – Postupak mjerenja prašine – 1. dio: Opći zahtjevi

- prEN IEC 60704-2-17:2018 en
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-17: Particular requirements for dry cleaning robots (IEC 60704-2-17:201X)

- prEN IEC 60704-2-8:2018 en
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-8: Particular requirements for electric shavers and clippers or trimmers (IEC 60704-2-8:201X)

- EN 62841-3-4:2016/prA1:2018 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders (IEC 62841-3-4:2016/am1:201X)
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-4: Posebni zahtjevi za prijenosne stolne brusilice (IEC 62841-3-4:2016/am1:201X)

- prEN IEC 62841-3-9:2018 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-9: Particular requirements for transportable mitre saws (IEC 62841-3-9:201X)
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-9: Posebni zahtjevi za prijenosne kutne pile (IEC 62841-3-9:201X)

- prEN IEC 62841-4-3:2018 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers (IEC 62841-4-3:201X)

- prEN IEC 62841-4-3:2018/prAA:2018 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers

- prEN IEC 62885-9:2018 en
Surface cleaning appliances – Part 9: Floor treatment machines with or without traction drive, for commercial use – Methods of measuring the performance (IEC 62885-9:201X)

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, nupatak) 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 6185-1:2002 en
Brodice na napuhavanje – 1. dio: Brodice sa najvećom snagom motora do 4,5 kW (ISO 6185-1:2001; EN ISO 6185-1:2001)
Inflatable boats – Part 1: Boats with a maximum motor power rating of 4,5 kW (ISO 6185-1:2001; EN ISO 6185-1:2001)
- zamijenjena s: HRN EN ISO 6185-1:2018

- HRN EN ISO 6185-2:2002 en
Brodice na napuhavanje – 2. dio: Brodice sa najvećom snagom motora do 4,5 kW do 15 kW uključivo (ISO 6185-2:2001; EN ISO 6185-2:2001)
Inflatable boats – Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive (ISO 6185-2:2001; EN ISO 6185-2:2001)
- zamijenjena s: HRN EN ISO 6185-2:2018

- HRN EN ISO 6185-3:2014 en
Brodice na napuhavanje – 3. dio: Brodice duljine trupa manje od 8 m najveće snage motora 15 kW i više (ISO 6185-3:2014; EN ISO 6185-3:2014)
Inflatable boats – Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014; EN ISO 6185-3:2014)
- zamijenjena s: HRN EN ISO 6185-3:2018
- HRN EN ISO 6185-4:2012 en
Brodice na napuhavanje – 4. dio: Brodice duljine trupa između 8 m i 24 m sa snagom motora od 15 kW i više (ISO 6185-4:2011, ispravljena verzija 2014-08-01; EN ISO 6185-4:2011)
Inflatable boats – Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater (ISO 6185-4:2011, Corrected version 2014-08-01; EN ISO 6185-4:2011)
- zamijenjena s: HRN EN ISO 6185-4:2018
- HRN EN ISO 7840:2013 en
Mala plovila – Vatrooporne savitljive cijevi za gorivo (ISO 7840:2013; EN ISO 7840:2013)
Small craft – Fire-resistant fuel hoses (ISO 7840:2013; EN ISO 7840:2013)
- zamijenjena s: HRN EN ISO 7840:2018
- HRN EN ISO 8384:2009 en,fr,de
Brodovi i pomorska tehnologija – Jaružala – Rječnik (ISO 8384:2000; EN ISO 8384:2001)
Ships and marine technology – Dredgers – Vocabulary (ISO 8384:2000; EN ISO 8384:2001)
- zamijenjena s: HRN EN ISO 8384:2018
- HRN EN ISO 8469:2013 en
Mala plovila – Savitljive cijevi za gorivo neoporne na vatru (ISO 8469:2013; EN ISO 8469:2013)
Small craft – Non-fire-resistant fuel hoses (ISO 8469:2013; EN ISO 8469:2013)
- zamijenjena s: HRN EN ISO 8469:2018
- HRN EN ISO 8666:2016 en
Mala plovila – Osnovni podaci (ISO 8666:2016; EN ISO 8666:2016)
Small craft – Principal data (ISO 8666:2016; EN ISO 8666:2016)
- zamijenjena s: HRN EN ISO 8666:2018
- HRN EN ISO 8849:2004 en
Mala plovila – Elektromotorne kaljužne crpke na istosmjernu struju (ISO 8849:2003; EN ISO 8849:2003)
Small craft – Electrically operated direct-current bilge-pumps (ISO 8849:2003; EN ISO 8849:2003)
- zamijenjena s: HRN EN ISO 8849:2018
- HRN EN ISO 9093-1:2001 en
Mala plovila – Oplatni ventili i prolazi – 1. dio: Metalni (ISO 9093-1:1994; EN ISO 9093-1:1997)
Small craft – Seacocks and through-hull fittings – Part 1: Metallic (ISO 9093-1:1994; EN ISO 9093-1:1997)
- zamijenjena s: HRN EN ISO 9093-1:2018
- HRN EN ISO 9093-2:2004 en
Mala plovila – Oplatni ventili i prolazi – 2. dio: Nemetalni (ISO 9093-2:2002; EN ISO 9093-2:2002)
Small craft – Seacocks and through-hull fittings – Part 2: Non-metallic (ISO 9093-2:2002; EN ISO 9093-2:2002)
- zamijenjena s: HRN EN ISO 9093-2:2018
- HRN EN ISO 11192:2008 en
Mala plovila – Grafički simboli (ISO 11192:2005; EN ISO 11192:2005)
Small craft – Graphical symbols (ISO 11192:2005; EN ISO 11192:2005)
- zamijenjena s: HRN EN ISO 11192:2018
- HRN EN ISO 11547:2004 en
Mala plovila – Zaštita od upućivanja stroja u radnom položaju (ISO 11547:1994; EN ISO 11547:1995+A1:2000)
Small craft – Start-in-gear protection (ISO 11547:1994; EN ISO 11547:1995+A1:2000)
- zamijenjena s: HRN EN ISO 11547:2018
- HRN EN ISO 11812:2004 en
Mala plovila – Vodonepropusni kokpiti i brzoprazneći kokpiti (ISO 11812:2001; EN ISO 11812:2001)
Small craft – Watertight cockpits and quick-draining cockpits (ISO 11812:2001; EN ISO 11812:2001)
- zamijenjena s: HRN EN ISO 11812:2018
- HRN EN ISO 12215-2:2004 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 2. dio: Materijali: Materijali jezgre za sendvič konstrukciju, ugrađeni materijali (ISO 12215-2:2002; EN ISO 12215-2:2002)
Small craft – Hull construction and scantlings – Part 2: Materials: Core materials for sandwich construction, embedded materials (ISO 12215-2:2002; EN ISO 12215-2:2002)
- zamijenjena s: HRN EN ISO 12215-2:2018
- HRN EN ISO 12215-3:2004 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 3. dio: Materijali: Čelik, aluminijske legure, drvo, drugi materijali (ISO 12215-3:2002; EN ISO 12215-3:2002)
Small craft – Hull construction and scantlings – Part 3: Materials: Steel, aluminium alloys, wood, other materials (ISO 12215-3:2002; EN ISO 12215-3:2002)
- zamijenjena s: HRN EN ISO 12215-3:2018
- HRN EN ISO 12215-4:2004 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 4. dio: Proizvodni prostor i proizvodnja (ISO 12215-4:2002; EN ISO 12215-4:2002)
Small craft – Hull construction and scantlings – Part 4: Workshop and manufacturing (ISO 12215-4:2002; EN ISO 12215-4:2002)
- zamijenjena s: HRN EN ISO 12215-4:2018
- HRN EN ISO 12215-5:2008 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 5. dio: Projektni tlakovi za jednotrupna plovila, projektna naprezanja, određivanje dimenzija konstrukcijskih elemenata (ISO 12215-5:2008; EN ISO 12215-5:2008)
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination (ISO 12215-5:2008; EN ISO 12215-5:2008)
- zamijenjena s: HRN EN ISO 12215-5:2018
- HRN EN ISO 12215-5:2008/A1:2014 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 5. dio: Projektni tlakovi za jednotrupna plovila, projektna naprezanja, određivanje dimenzija konstrukcijskih elemenata – Amandman 1 (ISO 12215-5:2008/Amd 1:2014; EN ISO 12215-5:2008/A1:2014)
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination – Amendment 1 (ISO 12215-5:2008/Amd 1:2014; EN ISO 12215-5:2008/A1:2014)
- zamijenjena s: HRN EN ISO 12215-5:2018
- HRN EN ISO 12215-6:2008 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 6. dio: Raspored i detalji konstrukcije (ISO 12215-6:2008; EN ISO 12215-6:2008)
Small craft – Hull construction and scantlings – Part 6: Structural arrangements and details (ISO 12215-6:2008; EN ISO 12215-6:2008)
- zamijenjena s: HRN EN ISO 12215-6:2018
- HRN EN ISO 12215-8:2010 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 8. dio: Kormila (ISO 12215-8:2009; EN ISO 12215-8:2009)
Small craft – Hull construction and scantlings – Part 8: Rudders (ISO 12215-8:2009; EN ISO 12215-8:2009)
- zamijenjena s: HRN EN ISO 12215-8:2018
- HRN EN ISO 12215-8:2010/Ispr.1:2010 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 8. dio: Kormila – Tehnički ispravak 1 (ISO 12215-8:2009/Cor 1:2010; EN ISO 12215-8:2009/AC:2010)
Small craft – Hull construction and scantlings – Part 8: Rudders – Technical Corrigendum 1 (ISO 12215-8:2009/Cor 1:2010; EN ISO 12215-8:2009/AC:2010)
- zamijenjena s: HRN EN ISO 12215-8:2018
- HRN EN ISO 12215-9:2012 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 9. dio: Privjesci na trupu plovila na jedra (ISO 12215-9:2012; EN ISO 12215-9:2012)
Small craft – Hull construction and scantlings – Part 9: Sailing craft appendages (ISO 12215-9:2012; EN ISO 12215-9:2012)
- zamijenjena s: HRN EN ISO 12215-9:2018

- HRN EN ISO 12216:2004 en
Mala plovila – Prozori, okna, grotlašca, vidnici i vrata – Zahtjevi za čvrstoću i vodonepropusnost (ISO 12216:2002; EN ISO 12216:2002)
Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements (ISO 12216:2002; EN ISO 12216:2002)
- zamijenjena s: HRN EN ISO 12216:2018
- HRN EN ISO 13297:2015 en
Mala plovila – Električni sustavi – Instalacije za izmjeničnu struju (ISO 13297:2014; EN ISO 13297:2014)
Small craft – Electrical systems – Alternating current installations (ISO 13297:2014; EN ISO 13297:2014)
- zamijenjena s: HRN EN ISO 13297:2018
- HRN EN ISO 13590:2004 en
Mala plovila – Osobna plovila – Zahjevi za gradnju i ugradnju sustava (ISO 13590:2003; EN ISO 13590:2003)
Small craft – Personal watercraft – Construction and system installation requirements (ISO 13590:2003; EN ISO 13590:2003)
- zamijenjena s: HRN EN ISO 13590:2018
- HRN EN ISO 13590:2004/Ispr.1:2008 en
Mala plovila – Osobna plovila – Zahjevi za gradnju i ugradnju sustava (EN ISO 13590:2003/AC:2004)
Small craft – Personal watercraft – Construction and system installation requirements (EN ISO 13590:2003/AC:2004)
- zamijenjena s: HRN EN ISO 13590:2018
- HRN EN ISO 14509-1:2008 en
Mala plovila – Mjerenje zrakom prenesene buke koju stvaraju mehanički pogonjena plovila za razonodu – 1. dio: Mjerni postupak prolaženjem (ISO 14509-1:2008; EN ISO 14509-1:2008)
Small craft – Airborne sound emitted by powered recreational craft – Part 1: Pass-by measurement procedures (ISO 14509-1:2008; EN ISO 14509-1:2008)
- zamijenjena s: HRN EN ISO 14509-1:2018
- HRN EN ISO 14509-3:2010 en
Mala plovila – Mjerenje zrakom prenesene buke koju stvaraju mehanički pogonjena plovila za razonodu – 3. dio: Ocjena buke pomoću postupka mjerenja i proračuna (ISO 14509-3:2009; EN ISO 14509-3:2009)
Small craft – Airborne sound emitted by powered recreational craft – Part 3: Sound assessment using calculation and measurement procedures (ISO 14509-3:2009; EN ISO 14509-3:2009)
- zamijenjena s: HRN EN ISO 14509-3:2018
- HRN EN ISO 15083:2005 en
Mala plovila – Sustavi za pražnjenje kaljuže (ISO 15083:2003; EN ISO 15083:2003)
Small craft – Bilge-pumping systems (ISO 15083:2003; EN ISO 15083:2003)
- zamijenjena s: HRN EN ISO 15083:2018
- HRN EN ISO 15084:2005 en
Mala plovila – Sidrenje, vez i tegljenje – Čvrste točke (ISO 15084:2003; EN ISO 15084:2003)
Small craft – Anchoring, mooring and towing – Strong points (ISO 15084:2003; EN ISO 15084:2003)
- zamijenjena s: HRN EN ISO 15084:2018
- HRN EN ISO 16180:2013 en
Mala plovila – Navigacijska svjetla – Ugradnja, smještaj i vidljivost (ISO 16180:2013; EN ISO 16180:2013)
Small craft – Navigation lights – Installation, placement and visibility (ISO 16180:2013; EN ISO 16180:2013)
- zamijenjena s: HRN EN ISO 16180:2018
- HRN EN ISO 21487:2013 en
Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo (ISO 21487:2012; EN ISO 21487:2012)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012; EN ISO 21487:2012)
- zamijenjena s: HRN EN ISO 21487:2018
- HRN EN ISO 21487:2013/A1:2015 en
Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo (ISO 21487:2012/Amd 1:2014; EN ISO 21487:2012/A1:2014)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012/Amd 1:2014; EN ISO 21487:2012/A1:2014)
- zamijenjena s: HRN EN ISO 21487:2018
- HRN EN ISO 21487:2013/A2:2016 en
Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo (ISO 21487:2012/Amd 2:2015; EN ISO 21487:2012/A2:2015)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012/Amd 2:2015; EN ISO 21487:2012/A2:2015)
- zamijenjena s: HRN EN ISO 21487:2018
- HRN EN ISO 25197:2013 en
Mala plovila – Električni upravljački sustavi za kormilarenje, ukapčanje spojke i regulator brzine vrtnje (ISO 25197:2012; EN ISO 25197:2012)
Small craft – Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012; EN ISO 25197:2012)
- zamijenjena s: HRN EN ISO 25197:2018
- HRN EN ISO 25197:2013/A1:2015 en
Mala plovila – Električni upravljački sustavi za kormilarenje, ukapčanje spojke i regulator brzine vrtnje (ISO 25197:2012/Amd 1:2014; EN ISO 25197:2012/A1:2014)
Small craft – Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012/Amd 1:2014; EN ISO 25197:2012/A1:2014)
- zamijenjena s: HRN EN ISO 25197:2018
- HZN/TO 21, Protupožarna i vatrogasna oprema**
- HRN EN 54-5:2017 en
Sustavi za otkrivanje i dojavu požara – 5. dio: Detektori topline – Točkasti detektori (EN 54-5:2017)
Fire detection and fire alarm systems – Part 5: Heat detectors – Point heat detectors (EN 54-5:2017)
- zamijenjena s: HRN EN 54-5:2018
- HZN/TO 44, Zavarivanje i srodni postupci**
- HRN EN ISO 8249:2001 en
Zavarivanje – Određivanje feritnoga broja (FN) u metalu zavara austenitnih i duplex austenitno-feritnih CrNi nehrđajućih čelika (ISO 8249:2000; EN ISO 8249:2000)
Welding – Determination of Ferrite Number (FN) in austenitic and duplex ferritic-austenitic Cr-Ni stainless steel weld metals (ISO 8249:2000; EN ISO 8249:2000)
- zamijenjena s: HRN EN ISO 8249:2018
- HRN EN 12536:2001 en
Dodatni i potrošni materijali za zavarivanje – Šipke za plinsko zavarivanje nelegiranih čelika i čelika otpornih na puzanje – Razredba (EN 12536:2000)
Welding consumables – Rods for gas welding of non alloy and creep-resisting steels – Classification (EN 12536:2000)
- zamijenjena s: HRN EN ISO 20378:2018
- HRN EN ISO 18275:2013 en
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje (REL) čelika visoke čvrstoće – Razredba (ISO 18275:2011; EN ISO 18275:2012)
Welding consumables – Covered electrodes for manual metal arc welding of high-strength steels – Classification (ISO 18275:2011; EN ISO 18275:2012)
- zamijenjena s: HRN EN ISO 18275:2018
- HRN EN ISO 24373:2010 en
Dodatni i potrošni materijali za zavarivanje – Pune žice i šipke za zavarivanje taljenjem bakra i legura bakra – Razredba (ISO 24373:2008; EN ISO 24373:2009)
Welding consumables – Solid wires and rods for fusion welding of copper and copper alloys – Classification (ISO 24373:2008; EN ISO 24373:2009)
- zamijenjena s: HRN EN ISO 24373:2018
- HZN/TO 120, Koža i obuća**
- HRN EN ISO 11640:2012 en
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na cikluse trljanja naprijed-nazad (ISO 11640:2012; EN ISO 11640:2012)
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing (ISO 11640:2012; EN ISO 11640:2012)
- zamijenjena s: HRN EN ISO 11640:2018

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

HRN EN 12293:2003 en
Plastični cijevni sustavi – Plastomerne cijevi i spojnice za toplu i hladnu vodu – Ispitna metoda za postojanost montiranih sklopova prema cikličkim promjenama temperature (EN 12293:1999)
Plastics piping system – Thermoplastics pipes and fittings for hot and cold water – Test method for the resistance of mounted assemblies to temperature cycling (EN 12293:1999)
- zamijenjena s: HRN EN ISO 19893:2018

HRN EN 12294:2003 en
Plastični cijevni sustavi – Sustavi za toplu i hladnu vodu – Ispitna metoda za nepropusnost pod vakuumom (EN 12294:1999)
Plastics piping system – Systems for hot and cold water – Test method for leaktightness under vacuum (EN 12294:1999)
- zamijenjena s: HRN EN ISO 13056:2018

HRN EN 12295:2003 en
Plastični cijevni sustavi – Plastomerne cijevi i pripadne spojnice za toplu i hladnu vodu – Ispitna metoda za otpornost spojeva prema cikličkim promjenama tlaka (EN 12295:1999)
Plastics piping system – Thermoplastics pipes and associated fittings for hot and cold water – Test method for resistance of joints to pressure cycling (EN 12295:1999)
- zamijenjena s: HRN EN ISO 19892:2018

HZN/TO 172, *Optika i optički instrumenti*

HRN EN ISO 11990-1:2015 en
Laseri i pridružena oprema – Utvrđivanje otpornosti trahealnih intubacijskih cijevi na lasersko zračenje – 1. dio: Tijelo trahealne intubacijske cijevi (ISO 11990-1:2011; EN ISO 11990-1:2014)
Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 1: Tracheal tube shaft (ISO 11990-1:2011; EN ISO 11990-1:2014)
- zamijenjena s: HRN EN ISO 11990:2018

HRN EN ISO 11990-2:2015 en
Laseri i pridružena oprema – Utvrđivanje otpornosti trahealnih intubacijskih cijevi na lasersko zračenje – 2. dio: Balonski završetci trahealnih intubacijskih cijevi (ISO 11990-2:2010; EN ISO 11990-2:2014)
Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 2: Tracheal tube cuffs (ISO 11990-2:2010; EN ISO 11990-2:2014)
- zamijenjena s: HRN EN ISO 11990:2018

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

HRN EN 71-1:2015/Ispr.1:2016 hr
Sigurnost igračkaka – 1. dio: Mehanička i fizikalna svojstva
Safety of toys – Part 1: Mechanical and physical properties
- zamijenjena s: HRN EN 71-1:2018

HRN EN 71-7:2017 en
Sigurnost igračkaka – 7. dio: Bojila za bojenje prstima – Zahtjevi i metode ispitivanja (EN 71-7:2014+A1:2017)
Safety of toys – Part 7: Finger paints – Requirements and test methods (EN 71-7:2014+A1:2017)
- zamijenjena s: HRN EN 71-7:2018

HZN/TO 190, *Kvaliteta tla*

HRN EN ISO 19258:2012 en
Kvaliteta tla – Smjernice u određivanju pozadinskih vrijednosti (ISO 19258:2005; EN ISO 19258:2011)
Soil quality – Guidance on the determination of background values (ISO 19258:2005; EN ISO 19258:2011)
- zamijenjena s: HRN EN ISO 19258:2018

HZN/TO 211, *Geoinformacije/Geomatika*

HRN EN ISO 19136:2011 en
Geoinformacije – Jezik za geooznačavanje (GML) (ISO 19136:2007; EN ISO 19136:2009)
Geographic information – Geography Markup Language (GML) (ISO 19136:2007; EN ISO 19136:2009)
- zamijenjena s: HRN EN ISO 19136-2:2018

HZN/TO 503, *Metalni materijali*

HRN EN ISO 2085:2010 en
Anodizacija aluminija i aluminijevih legura – Provjera neprekinutosti tankih prevlaka dobivenih anodnom oksidacijom – Ispitivanje bakrenim sulfatom (ISO 2085:2010; EN ISO 2085:2010)
Anodizing of aluminium and its alloys – Check for continuity of thin anodic oxidation coatings – Copper sulfate test (ISO 2085:2010; EN ISO 2085:2010)
- zamijenjena s: HRN EN ISO 2085:2018

HRN EN ISO 6581:2010 en
Anodizacija aluminija i aluminijevih legura – Određivanje usporedne postojanosti obojanih prevlaka, dobivenih anodnom oksidacijom, na ultraljubičastu svjetlost i toplinu (ISO 6581:2010; EN ISO 6581:2010)
Anodizing of aluminium and its alloys – Determination of the comparative fastness to ultraviolet light and heat of coloured anodic oxidation coatings (ISO 6581:2010; EN ISO 6581:2010)
- zamijenjena s: HRN EN ISO 6581:2018

HRN EN 10083-1:2009 en
Čelici za poboljšavanje – 1. dio: Opći tehnički uvjeti za isporuku (EN 10083-1:2006)
Steels for quenching and tempering – Part 1: General technical delivery conditions (EN 10083-1:2006)
- zamijenjena s: HRN EN ISO 683-1:2018, HRN EN ISO 683-2:2018

HRN EN 10083-2:2009 en
Čelici za poboljšavanje – 2. dio: Tehnički uvjeti isporuke nelegiranih čelika (EN 10083-2:2006)
Steels for quenching and tempering – Part 2: Technical delivery conditions for non alloy steels (EN 10083-2:2006)
- zamijenjena s: HRN EN ISO 683-1:2018

HRN EN 10083-3:2009 en
Čelici za poboljšavanje – 3. dio: Tehnički uvjeti isporuke legiranih čelika (EN 10083-3:2006+AC:2008)
Steels for quenching and tempering – Part 3: Technical delivery conditions for alloy steels (EN 10083-3:2006+AC:2008)
- zamijenjena s: HRN EN ISO 683-2:2018

HRN EN 10084:2008 en
Čelici za površinsko kaljenje – Tehnički uvjeti isporuke (EN 10084:2008)
Case hardening steels – Technical delivery conditions (EN 10084:2008)
- zamijenjena s: HRN EN ISO 683-3:2018

HRN EN 10087:2007 en
Čelici za obradu na automatima – Tehnički uvjeti isporuke za poluproizvode, toplo valjane šipke i toplo valjane žice (EN 10087:1998)
Free-cutting steels – Technical delivery conditions for semi-finished products, hot-rolled bars and rods (EN 10087:1998)
- zamijenjena s: HRN EN ISO 683-4:2018

HRN EN 10164:2008 en
Čelični proizvodi s poboljšanim svojstvima na deformaciju okomito na površinu proizvoda – Tehnički uvjeti isporuke (EN 10164:2004)
Steel products with improved deformation properties perpendicular to the surface of the product – Technical delivery conditions (EN 10164:2004)
- zamijenjena s: HRN EN 10164:2018

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

HRN EN ISO 7539-6:2011 en
Korozija metala i legura – Ispitivanje korozije uz naprezanje – 6. dio: Priprema i primjena uzoraka s urezom za ispitivanja pod stalnim opterećenjem ili stalnim pomakom (ISO 7539-6:2011; EN ISO 7539-6:2011)
Corrosion of metals and alloys – Stress corrosion testing – Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement (ISO 7539-6:2011; EN ISO 7539-6:2011)
- zamijenjena s: HRN EN ISO 7539-6:2018

HZN/TO 508, *Ambalaža i pakiranje*

HRN EN 12726:2003 en
Ambalaža – Grlo promjera otvora 18,5 mm za plutene čepove i kapice za zatvaranje s osiguranjem (EN 12726:2000)
Packaging – Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules (EN 12726:2000)
- zamijenjena s: HRN EN 12726:2018

HRS CEN/TS 15945:2015 en
Ambalaža – Jednostavnost otvaranja – Kriteriji i metode ispitivanja ambalaže za krajnje korisnike (CEN/TS 15945:2011)
Packaging – Ease of opening – Criteria and test methods for evaluating consumer packaging (CEN/TS 15945:2011)
- zamijenjena s: HRN EN ISO 17480:2018

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 12405-1:2011 en
Plinomjeri – Uređaji za pretvorbu/korekciju – 1. dio: Pretvorba/korekcija obujma (EN 12405-1:2005+A2:2010)
Gas meters – Conversion devices – Part 1: Volume conversion (EN 12405-1:2005+A2:2010)
- zamijenjena s: HRN EN 12405-1:2018

HRN EN 14236:2007 en
Ultrazvučni plinomjeri za domaćinstva (EN 14236:2007)
Ultrasonic domestic gas meters (EN 14236:2007)
- zamijenjena s: HRN EN 14236:2018

HZN/TO 531, Plastika i guma

HRN EN ISO 14852:2008 en
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u vodenom mediju – Metoda analize nastalog ugljikovog dioksida (ISO 14852:1999; EN ISO 14852:2004)
Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium – Method by analysis of evolved carbon dioxide (ISO 14852:1999; EN ISO 14852:2004)
- zamijenjena s: HRN EN ISO 14852:2018

HZN/TO 544, Strojni elementi

HRN EN ISO 4042:2005 en
Spojni elementi – Elektrolitička zaštita (galvanizacija) (ISO 4042:1999; EN ISO 4042:1999)
Fasteners – Electroplated coatings (ISO 4042:1999; EN ISO 4042:1999)
- zamijenjena s: HRN EN ISO 4042:2018

HRN EN ISO 10683:2015 en
Spojni elementi – Neelektrolitički nanosene cinčane prevlake (ISO 10683:2014; EN ISO 10683:2014)
Fasteners – Non-electrolytically applied zinc flake coatings (ISO 10683:2014; EN ISO 10683:2014)
- zamijenjena s: HRN EN ISO 10683:2018

HZN/TO 553, Predgotovljeni proizvodi

HRN EN 14055:2015 en
Spremnici za ispiranje WC-a i pisoara (EN 14055:2010+A1:2015)
WC and urinal flushing cisterns (EN 14055:2010+A1:2015)
- zamijenjena s: HRN EN 14055:2018

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 18472:2008 en
Sterilizacija medicinskih proizvoda – Biološki i kemijski indikatori – Ispitna oprema (ISO 18472:2006; EN ISO 18472:2006)
Sterilization of health care products – Biological and chemical indicators – Test equipment (ISO 18472:2006; EN ISO 18472:2006)
- zamijenjena s: HRN EN ISO 18472:2018

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

HRN EN 62056-6-2:2016 en
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 6-2: COSEM razredi sučelja (IEC 62056-6-2:2016; EN 62056-6-2:2016)
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-2: COSEM interface classes (IEC 62056-6-2:2016; EN 62056-6-2:2016)
- zamijenjena s: HRN EN 62056-6-2:2018

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 45502-1:2000 en
Aktivni implantabilni medicinski uređaji – 1. dio: Opći zahtjevi za sigurnost, označavanje i obavijesti koje mora dati proizvođač (EN 45502-1:1997)
Active implantable medical devices – Part 1: General requirements for safety, marking and information to be provided by the manufacturer (EN 45502-1:1997)
- zamijenjena s: HRN EN 45502-1:2015

HRN EN 60601-2-10:2003 en
Medicinska električna oprema – Dio 2-10: Posebni zahtjevi za sigurnost stimulatora živaca i mišića (IEC 60601-2-10:1987+am1:2001+am1:2001/Corr.1:2002; EN 60601-2-10:2000+A1:2001)
Medical electrical equipment – Part 2-10: Particular requirements for the safety of nerve and muscle stimulators (IEC 60601-2-10:1987+am1:2001+am1:2001/Corr.1:2002; EN 60601-2-10:2000+A1:2001)
- zamijenjena s: HRN EN 60601-2-10:2015

HRN EN 60601-2-49:2003 en
Medicinska električna oprema – Dio 2-49: Posebni zahtjevi za sigurnost višefunkcijske opreme za nadzor pacijenata (IEC 60601-2-49:2001; EN 60601-2-49:2001)
Medical electrical equipment – Part 2-49: Particular requirements for the safety of multifunction patient monitoring equipment (IEC 60601-2-49:2001; EN 60601-2-49:2001)
- zamijenjena s: HRN EN 60601-2-49:2015

HRN EN 60601-2-5:2003 en
Medicinska električna oprema – Dio 2-5: Posebni zahtjevi za sigurnost ultrazvučne opreme za fizikalnu terapiju (IEC 60601-2-5:2000; EN 60601-2-5:2000)
Medical electrical equipment – Part 2-5: Particular requirements for the safety of ultrasonic physiotherapy equipment (IEC 60601-2-5:2000; EN 60601-2-5:2000)
- zamijenjena s: HRN EN 60601-2-5:2015

HRN EN 60789:2008 en
Medicinski električni uređaji – Značajke i ispitni uvjeti naprava za dobivanje slika pomoću radionuklida – Gama kamere tipa Anger (IEC 60789:2005; EN 60789:2005)
Medical electrical equipment – Characteristics and test conditions of radionuclide imaging devices – Anger type gamma cameras (IEC 60789:2005; EN 60789:2005)
- zamijenjena s: HRN EN 61675-2:2015

HRN EN 61675-2:2000 en
Radionuklidske naprave za snimanje – Značajke i ispitni uvjeti – 2. dio: Jednofotonski emisijski kompjutorizirani tomografi (IEC 61675-2:1998; EN 61675-2:1998)
Radionuclide imaging devices – Characteristics and test conditions – Part 2: Single photon emission computer tomographs (IEC 61675-2:1998; EN 61675-2:1998)
- zamijenjena s: HRN EN 61675-2:2015

HRN EN 61675-2:2000/A1:2008 en
Radionuklidske naprave za snimanje – Značajke i ispitni uvjeti – 2. dio: Jednofotonski emisijski kompjutorizirani tomografi (IEC 61675-2:1998/am1:2004; EN 61675-2:1998/A1:2005)
Radionuclide imaging devices – Characteristics and test conditions – Part 2: Single photon emission computer tomographs (IEC 61675-2:1998/am1:2004; EN 61675-2:1998/A1:2005)
- zamijenjena s: HRN EN 61675-2:2015

HRN EN 61675-3:2000 en
Radionuklidske naprave za snimanje – Značajke i ispitni uvjeti – 3. dio: Sustavi za snimanje cijeloga tijela gama-kamerom (IEC 61675-3:1998; EN 61675-3:1998)
Radionuclide imaging devices – Characteristics and test conditions – Part 3: Gamma camera based wholebody imaging systems (IEC 61675-3:1998; EN 61675-3:1998)
- zamijenjena s: HRN EN 61675-2:2015

HRN EN 62220-1:2008 en
Medicinski električni uređaji – Značajke digitaliziranih rendgenskih uređaja – 1. dio: Određivanje osjetljivosti otkrivanja (detekcije) zračenja (IEC 62220-1:2003; EN 62220-1:2004)
Medical electrical equipment – Characteristics of digital X-ray imaging devices – Part 1: Determination of the detective quantum efficiency (IEC 62220-1:2003; EN 62220-1:2004)
- zamijenjena s: HRN EN 62220-1-1:2015

HRN EN 80601-2-58:2010 en
Medicinska električna oprema – Dio 2-58: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za uklanjanje leća i uređaja za vitrektomiju za oftalmološku kirurgiju (IEC 80601-2-58:2008; EN 80601-2-58:2009)
Medical electrical equipment – Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (IEC 80601-2-58:2008; EN 80601-2-58:2009)
- zamijenjena s: HRN EN 80601-2-58:2015

- HRN EN 80601-2-58:2010/A11:2012 en
Medicinska električna oprema – Dio 2-58: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za uklanjanje leća i uređaja za vitrektomiju za oftalmološku kirurgiju (EN 80601-2-58:2009/A11:2011)
Medical electrical equipment – Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (EN 80601-2-58:2009/A11:2011)
- zamijenjena s: HRN EN 80601-2-58:2015
- HZN/TO E65, Mjerenje, vođenje i automatizacija industrijskih procesa**
- HRN EN 61207-6:2008 en
Izražavanje djelovanja plinskih analizatora – 6. dio: Fotometrijski analizatori (IEC 61207-6:1994; EN 61207-6:1994)
Expression of performance of gas analyzers – Part 6: Photometric analyzers (IEC 61207-6:1994; EN 61207-6:1994)
- zamijenjena s: HRN EN 61207-6:2015
- HZN/TO E80, Pomorska navigacijska i radiokomunikacijska oprema i sustavi**
- HRN EN 61174:2010 en
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Elektroničke karte s informacijskim sustavom (ECDIS) – Radni i izvedbeni zahtjevi, metode ispitivanja i zahtjevani rezultati ispitivanja (IEC 61174:2008; EN 61174:2008)
Maritime navigation and radiocommunication equipment and systems – Electronic chart display and information system (ECDIS) – Operational and performance requirements, methods of testing and required test results (IEC 61174:2008; EN 61174:2008)
- zamijenjena s: HRN EN 61174:2015
- HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1**
- HRN EN ISO 10650:2015 en
Stomatologija – Aktivatori polimerizacije (ISO 10650:2015; EN ISO 10650:2015)
Dentistry – Powered polymerization activators (ISO 10650:2015; EN ISO 10650:2015)
- zamijenjena s: HRN EN ISO 10650:2018
- HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1**
- HRN EN 1526:2008 en
Sigurnost industrijskih kamiona – Dodatni zahtjevi za automatske funkcije na kamionima (EN 1526:1997+A1:2008)
Safety of industrial trucks – Additional requirements for automated functions on trucks (EN 1526:1997+A1:2008)
- zamijenjena s: HRN EN ISO 24134:2018
- HZN/TU V1, Elektronika 1**
- HRN EN 45544-1:2008 en
Atmosfera radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerenje koncentracije otrovnih plinova i para – 1. dio: Opći zahtjevi i metode ispitivanja (EN 45544-1:1999)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 1: General requirements and test methods (EN 45544-1:1999)
- zamijenjena s: HRN EN 45544-1:2015
- HRN EN 45544-2:2008 en
Atmosfera radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerenje koncentracije otrovnih plinova i para – 2. dio: Zahtjevi za izvedbu uređaja koji se upotrebljavaju za mjerenje koncentracije u područjima graničnih vrijednosti (EN 45544-2:1999)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 2: Performance requirements for apparatus used for measuring concentrations in the region of limit values (EN 45544-2:1999)
- zamijenjena s: HRN EN 45544-2:2015
- HRN EN 45544-3:2008 en
Atmosfera radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerenje koncentracije otrovnih plinova i para – 3. dio: Zahtjevi za izvedbu uređaja za mjerenje koncentracije iznad graničnih vrijednosti (EN 45544-3:1999)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 3: Performance requirements for apparatus used for measuring concentrations well above limit values (EN 45544-3:1999)
- zamijenjena s: HRN EN 45544-3:2015
- HRN EN 50090-4-3:2008 en
Home and Building Electronic Systems (HBES) – Part 4-3: Media independent layers – Communication over IP (EN 50090-4-3:2007)
- zamijenjena s: HRN EN 50090-4-3:2015
- HRN EN 50289-4-17:2012 en
Communication cables – Specifications for test methods – Part 4-17: Test methods for UV resistance evaluation of the sheath of electrical and optical fibre cable (EN 50289-4-17:2011)
- zamijenjena s: HRN EN 50289-4-17:2015
- HRN EN 50377-5-1:2008 en
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 5-1: Type EC terminated on IEC 60793-2 category B1.1 singlemode fibre (EN 50377-5-1:2003)
- bez zamjene
- HRN EN 50491-1:2014 en
Opći zahtjevi za elektroničke sustave u stanovima i zgradama (ESSZ) i sustave automatizacije i nadzora u zgradama (BACS) – 1. dio: Opći zahtjevi (EN 50491-1:2014)
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 1: General requirements (EN 50491-1:2014)
- zamijenjena s: HRN EN 63044-1:2017
- HRN EN 50521:2009 en
Connectors for photovoltaic systems – Safety requirements and tests (EN 50521:2008)
- bez zamjene
- HRN EN 50521:2009/A1:2014 en
Connectors for photovoltaic systems – Safety requirements and tests (EN 50521:2008/A1:2012)
- bez zamjene
- HRN EN 50548:2012 en
Junction boxes for photovoltaic modules (EN 50548:2011)
- bez zamjene
- HRN EN 50548:2012/A1:2014 en
Junction boxes for photovoltaic modules (EN 50548:2011/A1:2013)
- bez zamjene
- HRN EN 50548:2012/A2:2015 en
Junction boxes for photovoltaic modules (EN 50548:2011/A2:2014)
- bez zamjene
- HRN EN 60068-2-58:2008 en
Environmental testing – Part 2-58: Tests – Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD) (IEC 60068-2-58:2004; EN 60068-2-58:2004)
- zamijenjena s: HRN EN 60068-2-58:2015
- HRN EN 60068-2-58:2008/Ispr.1:2014 en
Environmental testing – Part 2-58: Tests – Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD) (EN 60068-2-58:2004/AC:2004)
- zamijenjena s: HRN EN 60068-2-58:2015
- HRN EN 60194:2008 en
Printed board design, manufacture and assembly – Terms and definitions (IEC 60194:2006; EN 60194:2006)
- bez zamjene
- HRN EN 60286-2:2009 en
Packaging of components for automatic handling – Part 2: Packaging of components with unidirectional leads on continuous tapes (IEC 60286-2:2008; EN 60286-2:2009)
- zamijenjena s: HRN EN 60286-2:2015

- HRN EN 60384-8:2008 en
Fixed capacitors for use in electronic equipment – Part 8: Sectional specification – Fixed capacitors of ceramic dielectric, Class 1 (IEC 60384-8:2005; EN 60384-8:2005)
- zamijenjena s: HRN EN 60384-8:2015
- HRN EN 60384-9:2008 en
Fixed capacitors for use in electronic equipment – Part 9: Sectional specification – Fixed capacitors of ceramic dielectric, Class 2 (IEC 60384-9:2005; EN 60384-9:2005)
- zamijenjena s: HRN EN 60384-9:2015
- HRN EN 60384-19:2008 en
Fixed capacitors for use in electronic equipment – Part 19: Sectional specification – Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (IEC 60384-19:2006; EN 60384-19:2006)
- zamijenjena s: HRN EN 60384-19:2016
- HRN EN 60384-19:2008/Ispr.1:2014 en
Fixed capacitors for use in electronic equipment – Part 19: Sectional specification – Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (EN 60384-19:2006/AC:2006)
- zamijenjena s: HRN EN 60384-19:2016
- HRN EN 60384-20:2009 en
Fixed capacitors for use in electronic equipment – Part 20: Sectional specification – Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors (IEC 60384-20:2008+Corr.1:2008; EN 60384-20:2008)
- zamijenjena s: HRN EN 60384-20:2016
- HRN EN 60384-23:2008 en
Fixed capacitors for use in electronic equipment – Part 23: Sectional specification – Fixed surface mount metallized polyethylene naphthalate film dielectric DC capacitors (IEC 60384-23:2005; EN 60384-23:2005)
- zamijenjena s: HRN EN 60384-23:2015
- HRN EN 60384-24:2008 en
Fixed capacitors for use in electronic equipment – Part 24: Sectional specification – Surface mount fixed tantalum electrolytic capacitors with conductive polymer solid electrolyte (IEC 60384-24:2006; EN 60384-24:2006)
- zamijenjena s: HRN EN 60384-24:2016
- HRN EN 60384-25:2008 en
Fixed capacitors for use in electronic equipment – Part 25: Sectional specification – Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (IEC 60384-25:2006; EN 60384-25:2006)
- zamijenjena s: HRN EN 60384-25:2016
- HRN EN 60793-1-20:2008 en
Optical fibres – Part 1-20: Measurement methods and test procedures – Fibre geometry (IEC 60793-1-20:2001; EN 60793-1-20:2002)
- zamijenjena s: HRN EN 60793-1-20:2015
- HRN EN 60793-1-43:2008 en
Optical fibres – Part 1-43: Measurement methods and test procedures – Numerical aperture (IEC 60793-1-43:2001; EN 60793-1-43:2002)
- zamijenjena s: HRN EN 60793-1-43:2015
- HRN EN 60793-1-50:2008 en
Optical fibres – Part 1-50: Measurement methods and test procedures – Damp heat (steady state) (IEC 60793-1-50:2001; EN 60793-1-50:2002)
- zamijenjena s: HRN EN 60793-1-50:2015
- HRN EN 60793-2-30:2014 en
Optička vlakna – Dio 2-30: Specifikacije proizvoda – Sekcijska specifikacija za vlakna kategorije A3 za višestruki način rada (IEC 60793-2-30:2012; EN 60793-2-30:2013)
Optical fibres – Part 2-30: Product specifications – Sectional specification for category A3 multimode fibres (IEC 60793-2-30:2012; EN 60793-2-30:2013)
- zamijenjena s: HRN EN 60793-2-30:2015
- HRN EN 60794-3-10:2009 en
Optical fibre cables – Part 3-10: Outdoor cables – Family specification for duct, directly buried and lashed aerial optical telecommunication cables (IEC 60794-3-10:2009; EN 60794-3-10:2009)
- zamijenjena s: HRN EN 60794-3-10:2015
- HRN EN 60794-3-10:2009/Ispr.1:2014 en
Optical fibre cables – Part 3-10: Outdoor cables – Family specification for duct, directly buried and lashed aerial optical telecommunication cables (EN 60794-3-10:2009/AC:2009)
- zamijenjena s: HRN EN 60794-3-10:2015
- HRN EN 60794-3:2008 en
Optical fibre cables – Part 3: Sectional specification – Outdoor cables (IEC 60794-3:2001; EN 60794-3:2002)
- zamijenjena s: HRN EN 60794-3:2015
- HRN EN 60794-4-10:2008 en
Optical fibre cables – Part 4-10: Aerial optical cables along electrical power lines – Family specification for OPGW (Optical Ground Wires) (IEC 60794-4-10:2006; EN 60794-4-10:2007)
- zamijenjena s: HRN EN 60794-4-10:2016
- HRN EN 60904-2:2009 en
Photovoltaic devices – Part 2: Requirements for reference solar devices (IEC 60904-2:2007; EN 60904-2:2007)
- zamijenjena s: HRN EN 60904-2:2015
- HRN EN 61010-2-010:2004 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-010: Posebni zahtjevi za laboratorijsku opremu za grijanje stvari (IEC 61010-2-010:2003; EN 61010-2-010:2003)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-010: Particular requirements for laboratory equipment for the heating of materials (IEC 61010-2-010:2003; EN 61010-2-010:2003)
- zamijenjena s: HRN EN 61010-2-010:2015
- HRN EN 61010-2-051:2004 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-051: Posebni zahtjevi za laboratorijsku opremu za miješanje i stiring (IEC 61010-2-051:2003; EN 61010-2-051:2003)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-051: Particular requirements for laboratory equipment for mixing and stirring (IEC 61010-2-051:2003; EN 61010-2-051:2003)
- zamijenjena s: HRN EN 61010-2-051:2015
- HRN EN 61010-2-061:2004 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-061: Posebni zahtjevi za laboratorijske atomske spektrometre s termičkom atomizacijom i ionizacijom (IEC 61010-2-061:2003; EN 61010-2-061:2003)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization (IEC 61010-2-061:2003; EN 61010-2-061:2003)
- zamijenjena s: HRN EN 61010-2-061:2015
- HRN EN 61010-2-081/A1:2004 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-081: Posebni zahtjevi za automatsku i poluautomatsku laboratorijsku opremu za analize i druge namjene (IEC 61010-2-081:2001/am1:2003; EN 61010-2-081:2002/A1:2003)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes (IEC 61010-2-081:2001/am1:2003; EN 61010-2-081:2002/A1:2003)
- zamijenjena s: HRN EN 61010-2-081:2015
- HRN EN 61010-2-081:2002 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-081: Posebni zahtjevi za automatsku i poluautomatsku laboratorijsku opremu za analize i druge namjene (IEC 61010-2-081:2001; EN 61010-2-081:2002)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes (IEC 61010-2-081:2001; EN 61010-2-081:2002)
- zamijenjena s: HRN EN 61010-2-081:2015
- HRN EN 61076-2-104:2008 en
Connectors for electronic equipment – Product requirements – Part 2-104: Circular connectors – Detail specification for circular connectors with M8 screw-locking or snap-locking (IEC 61076-2-104:2008; EN 61076-2-104:2008)
- zamijenjena s: HRN EN 61076-2-104:2015

- HRN EN 61169-47:2014 en
Radio-frequency connectors – Part 47: Sectional specification for radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick) (IEC 61169-47:2012; EN 61169-47:2012)
- zamijenjena s: HRN EN 61169-47:2015
- HRN EN 61202-1:2010 en
Fibre optic interconnecting devices and passive components – Fibre optic isolators – Part 1: Generic specification (IEC 61202-1:2009; EN 61202-1:2009)
- zamijenjena s: HRN EN 61202-1:2017
- HRN EN 61290-1-1:2009 en
Optical amplifiers – Test methods – Part 1-1: Power and gain parameters – Optical spectrum analyzer method (IEC 61290-1-1:2006; EN 61290-1-1:2006)
- zamijenjena s: HRN EN 61290-1-1:2015
- HRN EN 61290-1-3:2008 en
Optical amplifiers – Test methods – Part 1-3: Power and gain parameters – Optical power meter method (IEC 61290-1-3:2005; EN 61290-1-3:2005)
- zamijenjena s: HRN EN 61290-1-3:2015
- HRN EN 61300-2-9:2011 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-9: Tests – Shock (IEC 61300-2-9:2010; EN 61300-2-9:2010)
- zamijenjena s: HRN EN 61300-2-9:2017
- HRN EN 61300-2-9:2011/Ispr.1:2012 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-9: Tests – Shock (EN 61300-2-9:2010/AC:2011)
- zamijenjena s: HRN EN 61300-2-9:2017
- HRN EN 61300-3-35:2011 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-35: Examinations and measurements – Fibre optic connector endface visual and automated inspection (IEC 61300-3-35:2009; EN 61300-3-35:2010)
- zamijenjena s: HRN EN 61300-3-35:2016
- HRN EN 61340-5-3:2014 en
Electrostatics – Part 5-3: Protection of electronic devices from electrostatic phenomena – Properties and requirements classifications for packaging intended for electrostatic discharge sensitive devices (IEC 61340-5-3:2010; EN 61340-5-3:2010)
- zamijenjena s: HRN EN 61340-5-3:2015
- HRN EN 61753-052-3:2008 en
Fibre optic interconnecting devices and passive components performance standard – Part 052-3: Single-mode fibre, pigtailed-style fixed attenuators for category U – Uncontrolled environment (IEC 61753-052-3:2001; EN 61753-052-3:2002)
- zamijenjena s: HRN EN 61753-052-3:2017
- HRN EN 61837-4:2008 en
Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 4: Hybrid enclosure outlines (IEC 61837-4:2004; EN 61837-4:2004)
- zamijenjena s: HRN EN 61837-4:2015
- HRN EN 62007-1:2009 en
Semiconductor optoelectronic devices for fibre optic system applications – Part 1: Specification template for essential ratings and characteristics (IEC 62007-1:2008; EN 62007-1:2009)
- zamijenjena s: HRN EN 62007-1:2015
- HRN EN 62047-15:2015 en
Semiconductor devices – Micro-electromechanical devices – Part 15: Test method of bonding strength between PDMS and glass (IEC 62047-15:2015; EN 62047-15:2015)
- bez zamjene
- HRN EN 62137:2008 en
Environmental and endurance testing – Test methods for surface-mount boards of area array type packages FBGA, BGA, FLGA, LGA, SON and QFN (IEC 62137:2004; EN 62137:2004)
- zamijenjena s: HRN EN 62137-4:2015
- HRN EN 62137:2008/Ispr.1:2014 en
Environmental and endurance testing – Test methods for surface-mount boards of area array type packages FBGA, BGA, FLGA, LGA, SON and QFN (EN 62137:2004/AC:2005)
- zamijenjena s: HRN EN 62137-4:2015
- HRN EN 62149-2:2010 en
Fibre optic active components and devices – Performance standards – Part 2: 850 nm discrete vertical cavity surface emitting laser devices (IEC 62149-2:2009; EN 62149-2:2009)
- zamijenjena s: HRN EN 62149-2:2014
- HRN EN 62150-3:2014 en
Fibre optic active components and devices – Test and measurement procedures – Part 3: Optical power variation induced by mechanical disturbance in optical receptacles and transceiver interfaces (IEC 62150-3:2012; EN 62150-3:2012)
- zamijenjena s: HRN EN 62150-3:2015
- HRN EN 62343-1-2:2008 en
Dynamic modules – Part 1-2: Performance standards – Dynamic chromatic dispersion compensator with pigtails for use in controlled environments (Category C) (IEC 62343-1-2:2007; EN 62343-1-2:2008)
- zamijenjena s: HRN EN 62343-1-2:2015
- HRN EN 62343-5-1:2010 en
Dynamic modules – Test methods – Part 5-1: Dynamic gain tilt equalizer – Response time measurement (IEC 62343-5-1:2009; EN 62343-5-1:2009)
- zamijenjena s: HRN EN 62343-5-1:2015
- HRN EN 122340:2008 en
Sectional Specification – Radio frequency coaxial connectors – Series MMCX (EN 122340:2002)
- zamijenjena s: HRN EN 61169-52:2015
- HRN EN 130200:2008 en
Sectional Specification – Fixed tantalum capacitors with non-solid or solid electrolyte (EN 130200:1993+A3:1998)
- bez zamjene
- HRN EN 130201:2008 en
Blank Detail Specification – Fixed tantalum capacitors with solid electrolyte, porous anode (sub-family 3) (EN 130201:1993+A2:1998)
- bez zamjene
- HRN EN 130202:2008 en
Blank Detail Specification – Fixed tantalum capacitors with non-solid electrolyte, porous anode (sub-family 2) (EN 130202:1998)
- bez zamjene
- HRN EN 140100:2009 en
Sectional Specification – Fixed low power film resistors (EN 140100:2008)
- zamijenjena s: HRN EN 60115-2:2015
- HRN EN 140402:2008 en
Blank Detail Specification – Fixed low power wire wound surface mounting (SMD) resistors (EN 140402:1998)
- zamijenjena s: HRN EN 140402:2015
- HRN EN 140402-801:2008 en
Detail specification – Fixed low power wire-wound surface mount (SMD) resistors – Rectangular – Stability classes 0,5; 1; 2 (EN 140402-801:2005)
- zamijenjena s: HRN EN 140402-801:2015
- HRN EN 181102:2008 en
Blank Detail Specification – Fibre optic branching devices – Type – Wavelength selective transmissive star (EN 181102:1994)
- bez zamjene
- HRN EN 187103:2008 en
Family specification – Optical fibre cables for indoor applications (EN 187103:2003)
- bez zamjene

1.6 Ispravci hrvatskih norma

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

HZN/TO 165, *Drvene konstrukcije*

- **umjesto**
HRN EN 594:2011
Drvene konstrukcije – Metode ispitivanja – Određivanje nosivosti i krutosti drvenih okvirnih zidnih panela (EN 594:2011)
Timber structures – Test methods – Racking strength and stiffness of timber frame wall panels (EN 594:2011)
- **treba biti**
HRN EN 594:2011
Drvene konstrukcije – Metode ispitivanja – Određivanje nosivosti i krutosti drvenih okvirnih zidnih panela **cikličkim opterećenjem promjenjivog inteziteta** (EN 594:2011)
Timber structures – Test methods – Racking strength and stiffness of timber frame wall panels (EN 594:2011)
- **umjesto**
HRN EN 912:2011
Spajala za drvo – Specifikacije za moždanike **posebne izvedbe** za drvo (EN 912:2011)
Timber fasteners – Specifications for connectors for timbers (EN 912:2011)
- **treba biti**
HRN EN 912:2011
Spajala za drvo – Specifikacije za moždanike za drvo (EN 912:2011)
Timber fasteners – Specifications for connectors for timbers (EN 912:2011)

HZN/TO 503, *Metalni materijali*

- **umjesto**
HRN EN ISO 9443:2018
Razredi kvalitete površine toplo valjanih šipki i **valjanih** žica (ISO 9443:2018; EN ISO 9443:2018)
Surface quality classes for hot-rolled bars and wire rod (ISO 9443:2018; EN ISO 9443:2018)
- **treba biti**
HRN EN ISO 9443:2018
Razredi kvalitete površine toplo valjanih šipki i žica (ISO 9443:2018; EN ISO 9443:2018)
Surface quality classes for hot-rolled bars and wire rod (ISO 9443:2018; EN ISO 9443:2018)

HZN/TU U1, *Opća elektrotehnika 1*

- **umjesto**
HRN EN 61788-4:2013
Supravodljivost – 4. dio: **Preostalo mjerenje omjera** otpora – **Preostali omjer** otpora Nb-Ti kompozitnih supravodiča (IEC 61788-4:2011; EN 61788-4:2011)
Superconductivity – Part 4: Residual resistance ratio measurement – Residual resistance ratio of Nb-Ti composite superconductors (IEC 61788-4:2011; EN 61788-4:2011)
- **treba biti**
HRN EN 61788-4:2013
Supravodljivost – 4. dio: **Mjerenje omjera preostalog** otpora – **Omjer preostalog** otpora Nb-Ti kompozitnih supravodiča (IEC 61788-4:2011; EN 61788-4:2011)
Superconductivity – Part 4: Residual resistance ratio measurement – Residual resistance ratio of Nb-Ti composite superconductors (IEC 61788-4:2011; EN 61788-4:2011)

- **umjesto**
HRN EN 61788-4:2016
Supravodljivost – 4. dio: **Preostalo mjerenje omjera** otpora – **Preostali omjer** otpora Nb-Ti i Nb3Sn kompozitnih supravodiča (IEC 61788-4:2016; EN 61788-4:2016)
Superconductivity – Part 4: Residual resistance ratio measurement – Residual resistance ratio of Nb-Ti and Nb3Sn composite superconductors (IEC 61788-4:2016; EN 61788-4:2016)

- **treba biti**
HRN EN 61788-4:2016
Supravodljivost – 4. dio: **Mjerenje omjera preostalog** otpora – **Omjer preostalog** otpora Nb-Ti i Nb3Sn kompozitnih supravodiča (IEC 61788-4:2016; EN 61788-4:2016)
Superconductivity – Part 4: Residual resistance ratio measurement – Residual resistance ratio of Nb-Ti and Nb3Sn composite superconductors (IEC 61788-4:2016; EN 61788-4:2016)

- **umjesto**
HRN EN 62656-1:2015
Registar **standardiziranih ontologijskih** proizvoda i prijenos podataka za proračunske tablice – 1. dio: Logička struktura za podatkovne pakete (IEC 62656-1:2014; EN 62656-1:2015)
Standardized product ontology register and transfer by spreadsheets – Part 1: Logical structure for data parcels (IEC 62656-1:2014; EN 62656-1:2015)

- **treba biti**
HRN EN 62656-1:2015
Registar **normiranih ontologija** proizvoda i prijenos podataka za proračunske tablice – 1. dio: Logička struktura za podatkovne pakete (IEC 62656-1:2014; EN 62656-1:2015)
Standardized product ontology register and transfer by spreadsheets – Part 1: Logical structure for data parcels (IEC 62656-1:2014; EN 62656-1:2015)

- **umjesto**
HRN EN 62656-3:2015
Registar **standardiziranih ontologijskih** proizvoda i prijenos podataka za proračunske tablice – 3. dio: Sučelje za zajednički model podataka (IEC 62656-3:2015; EN 62656-3:2015)
Standardized product ontology register and transfer by spreadsheets – Part 3: Interface for Common Information Model (IEC 62656-3:2015; EN 62656-3:2015)

- **treba biti**
HRN EN 62656-3:2015
Registar **normiranih ontologija** proizvoda i prijenos podataka za proračunske tablice – 3. dio: Sučelje za zajednički model podataka (IEC 62656-3:2015; EN 62656-3:2015)
Standardized product ontology register and transfer by spreadsheets – Part 3: Interface for Common Information Model (IEC 62656-3:2015; EN 62656-3:2015)

- **umjesto**
HRN EN 62656-5:2017
Registar **standardiziranih ontologijskih** proizvoda i prijenos podataka pomoću proračunske tablice – 5. dio: Sučelje za opis aktivnosti (IEC 62656-5:2017; EN 62656-5:2017)
Standardized product ontology register and transfer by spreadsheets – Part 5: Interface for activity description (IEC 62656-5:2017; EN 62656-5:2017)

- **treba biti**
HRN EN 62656-5:2017
Registar **normiranih ontologija** proizvoda i prijenos podataka pomoću proračunske tablice – 5. dio: Sučelje za opis aktivnosti (IEC 62656-5:2017; EN 62656-5:2017)
Standardized product ontology register and transfer by spreadsheets – Part 5: Interface for activity description (IEC 62656-5:2017; EN 62656-5:2017)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

Te su hrvatske norme ranije objavljene samo s naslovima na engleskome jeziku pa se sada objavljuju njihovi naslovi na hrvatskome jeziku, koji nisu nužno uključeni u norme koje su prethodno objavljene. Obavijest o naslovima na hrvatskome jeziku smatra se službenom informacijom.

HZN/ TO 44, Zavarivanje i srodni postupci

HRN EN ISO 2063-2:2017 en pr
Toplinsko naštrcavanje – Cink, aluminij i njihove legure – 2. dio:
Izvođenje sustava zaštite od korozije (ISO 2063-2:2017;
EN ISO 2063-2:2017)
Thermal spraying – Zinc, aluminium and their alloys – Part 2:
Execution of corrosion protection systems (ISO 2063-2:2017;
EN ISO 2063-2:2017)

HZN/ TO E79, Alarmni sustavi

HRS CLC/TS 50131-2-10:2014 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi
– Dio 2-10: Protuprovalni detektori – Kontakti za detekciju
zaključanosti (magnetski) (CLC/TS 50131-2-10:2014)
Alarm systems – Intrusion and hold-up systems – Part 2-10:
Intrusion detectors – Lock state contacts (magnetic)
(CLC/TS 50131-2-10:2014)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 207, Upravljanje okolišem

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

HRN EN ISO 14040:2008 hr,en-en pr-pp
Upravljanje okolišem – Procjena životnog ciklusa (LCA)
– Načela i okvir rada (ISO 14040:2006; EN ISO 14040:2006)
Environmental management – Life cycle assessment – Principles
and framework (ISO 14040:2006; EN ISO 14040:2006)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Europska normizacija
CEN

EN 16510-1:2018
Residential solid fuel burning appliances – Part 1: General requirements and test methods

01.100.25 Crteži u elektrotehnici i elektronici

Europska normizacija
CENELEC

EN IEC 61837-2:2018
Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 2: Ceramic enclosures (IEC 61837-2:2018)

01.110 Tehnička dokumentacija o proizvodu

Europska normizacija
CEN

EN 9300-100:2018
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

01.140.20 Informacijske znanosti

Međunarodna normizacija
ISO

ISO/TR 19815:2018
Information and documentation – Management of the environmental conditions for archive and library collections

03.100.70 Sustavi upravljanja

Međunarodna normizacija
ISO

ISO 19011:2018
Guidelines for auditing management systems

ISO/IEC 27005:2018
Information technology – Security techniques – Information security risk management

03.120.10 Upravljanje kvalitetom i osiguravanje kvalitete

Međunarodna normizacija
ISO

ISO 10001:2018
Quality management – Customer satisfaction – Guidelines for codes of conduct for organizations

ISO 10002:2018
Quality management – Customer satisfaction – Guidelines for complaints handling in organizations

ISO 10003:2018
Quality management – Customer satisfaction – Guidelines for dispute resolution external to organizations

ISO 10004:2018
Quality management – Customer satisfaction – Guidelines for monitoring and measuring

03.120.20 Certificiranje proizvoda i tvrtki. Ocjenjivanje sukladnosti

Međunarodna normizacija
ISO

ISO 19011:2018
Guidelines for auditing management systems

03.220.01 Prijevoz općenito

Europska normizacija
CEN

EN ISO 17427-1:2018
Intelligent transport systems – Cooperative ITS – Part 1: Roles and responsibilities in the context of co-operative ITS architecture(s) (ISO 17427-1:2018)

Međunarodna normizacija
ISO

ISO 16461:2018
Intelligent transport systems – Criteria for privacy and integrity protection in probe vehicle information systems

07.100.30 Mikrobiologija hrane

Europska normizacija
CEN

EN ISO 18593:2018
Microbiology of the food chain – Horizontal methods for surface sampling (ISO 18593:2018)

Međunarodna normizacija
ISO

ISO 6888-1:1999/AMD 2:2018
Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 1: Technique using Baird-Parker agar medium – Amendment 2: Inclusion of an alternative confirmation test using RPFA stab method

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija
ISO

ISO 20789:2018
Anaesthetic and respiratory equipment – Passive humidifiers

ISO/TR 21954:2018
Guidance on the selection of the appropriate means of ventilation based on the intended patient, use environment, and operator

ISO 80601-2-13:2011/AMD 2:2018
Medical electrical equipment – Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation; Amendment 2

ISO 80601-2-79:2018
Medical electrical equipment – Part 2-79: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory impairment

ISO 80601-2-80:2018
Medical electrical equipment – Part 2-80: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory insufficiency

11.040.25 Šprice. Igle. Kateteri

Međunarodna normizacija ISO

- ISO 18250-3:2018
Medical devices – Connectors for reservoir delivery systems for healthcare applications – Part 3: Enteral applications
- ISO 20698:2018
Catheter systems for neuraxial application – Sterile and single-use catheters and accessories

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

- ISO 8637-2:2018
Extracorporeal systems for blood purification – Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters
- ISO 8637-3:2018
Extracorporeal systems for blood purification – Part 3: Plasmafilters

11.060.20 Stomatološka oprema

Europska normizacija CEN

- EN ISO 7494-1:2018
Dentistry – Stationary dental units and dental patient chairs – Part 1: General requirements (ISO 7494-1:2018)

Međunarodna normizacija ISO

- ISO 3964:2016/AMD 1:2018
Dentistry – Coupling dimensions for handpiece connectors; Amendment 1

13.020.01 Okoliš i zaštita okoliša općenito

Međunarodna normizacija ISO

- ISO 17422:2018
Plastics – Environmental aspects – General guidelines for their inclusion in standards

13.020.20 Ekogospodarstvo

Međunarodna normizacija ISO

- ISO 37106:2018
Sustainable cities and communities – Guidance on establishing smart city operating models for sustainable communities
- ISO 37120:2018
Sustainable cities and communities – Indicators for city services and quality of life

13.020.40 Onečišćenje, nadzor nad onečišćenjem i zaštita od onečišćenja

Međunarodna normizacija ISO

- ISO 14080:2018
Greenhouse gas management and related activities – Framework and principles for methodologies on climate actions

13.030.99 Ostale norme koje se odnose na otpad

Europska normizacija CENELEC

- CLC/TR 50625-6:2018
Collection, logistics & treatment requirements for WEEE – Part 6: Report on the alignment between Directive 2012/19/EU and EN 50625 series standards and EN 50614

13.040.30 Atmosfera u radnome prostoru

Međunarodna normizacija ISO

- ISO 19087:2018
Workplace air – Analysis of respirable crystalline silica by Fourier-Transform Infrared spectroscopy

13.060.60 Ispitivanje fizikalnih svojstava vode

Međunarodna normizacija ISO

- ISO 13169:2018
Water quality – Uranium – Test method using alpha liquid scintillation counting

13.060.70 Ispitivanje bioloških svojstava vode

Međunarodna normizacija ISO

- ISO 16266-2:2018
Water quality – Detection and enumeration of Pseudomonas aeruginosa – Part 2: Most probable number method

13.080.05 Ispitivanje tla općenito, uključujući uzorkovanje

Europska normizacija CEN

- EN ISO 23611-1:2018
Soil quality – Sampling of soil invertebrates – Part 1: Hand-sorting and extraction of earthworms (ISO 23611-1:2018)

13.080.20 Fizikalna svojstva tla

Europska normizacija CEN

- EN ISO 17892-12:2018
Geotechnical investigation and testing – Laboratory testing of soil – Part 12: Determination of liquid and plastic limits (ISO 17892-12:2018)

13.080.30 Biološka svojstva tla

Europska normizacija CEN

- EN ISO 15952:2018
Soil quality – Effects of pollutants on juvenile land snails (Helicidae) – Determination of the effects on growth by soil contamination (ISO 15952:2018)

- EN ISO 23611-1:2018
Soil quality – Sampling of soil invertebrates – Part 1: Hand-sorting and extraction of earthworms (ISO 23611-1:2018)

Međunarodna normizacija ISO

ISO 20130:2018
Soil quality – Measurement of enzyme activity patterns in soil samples using colorimetric substrates in micro-well plates

13.110 Sigurnost strojeva

Europska normizacija CENELEC

EN IEC 62046:2018
Safety of machinery – Application of protective equipment to detect the presence of persons (IEC 62046:2018)

Međunarodna normizacija IEC

IEC 60204-11:2018
Safety of machinery – Electrical equipment of machines – Part 11: Requirements for equipment for voltages above 1000 V AC or 1500 V DC and not exceeding 36 kV

13.160 Utjecaj vibracija i udara na ljude

Međunarodna normizacija ISO

ISO 2631-5:2018
Mechanical vibration and shock – Evaluation of human exposure to whole-body vibration – Part 5: Method for evaluation of vibration containing multiple shocks

13.220.10 Vatrogastvo

Europska normizacija CEN

EN 16712-4:2018
Portable equipment for projecting extinguishing agents supplied by firefighting pumps – Portable foam equipment – Part 4: High expansion foam generators PN16

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija CEN

EN 16755:2017/AC:2018
Durability of reaction to fire performance – Classes of fire-retardant treated wood products in interior and exterior end use applications

Međunarodna normizacija IEC

IEC 60332-3-10:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables – Apparatus

IEC 60332-3-21:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category A F/R

IEC 60332-3-22:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category A

IEC 60332-3-23:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category B

IEC 60332-3-24:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category C

IEC 60332-3-25:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category D

13.220.50 Vatrootpornost građevnih materijala i elemenata

Europska normizacija CEN

EN 16755:2017/AC:2018
Durability of reaction to fire performance – Classes of fire-retardant treated wood products in interior and exterior end use applications

EN ISO 1716:2018
Reaction to fire tests for products – Determination of the gross heat of combustion (calorific value) (ISO 1716:2018)

13.280 Zaštita od zračenja

Međunarodna normizacija ISO

ISO 14146:2018
Radiological protection – Criteria and performance limits for the periodic evaluation of dosimetry services

ISO 19461-1:2018
Radiological protection – Measurement for the clearance of waste contaminated with radioisotopes for medical application – Part 1: Measurement of radioactivity

13.340.10 Zaštitna odjeća

Međunarodna normizacija ISO

ISO 15384:2018
Protective clothing for firefighters – Laboratory test methods and performance requirements for wildland firefighting clothing

13.340.40 Zaštita ruku i šaka

Europska normizacija CEN

EN ISO 374-1:2016/A1:2018
Protective gloves against dangerous chemicals and micro-organisms – Part 1: Terminology and performance requirements for chemical risks – Amendment 1 (ISO 374-1:2016/Amd 1:2018)

17.040.40 Geometrijska specifikacija proizvoda (GPS)

Međunarodna normizacija ISO

ISO 3096:2018
Rolling bearings – Needle rollers – Boundary dimensions, geometrical product specifications (GPS) and tolerance values

ISO 7063:2018
Rolling bearings – Needle roller bearing track rollers – Boundary dimensions, geometrical product specifications (GPS) and tolerance values

17.140.30 Buka koju proizvode prijevozna sredstva

Europska normizacija
CEN

EN 1793-5:2016/AC:2018
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – In situ values of sound reflection under direct sound field conditions

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija
ISO

ISO 20816-5:2018
Mechanical vibration – Measurement and evaluation of machine vibration – Part 5: Machine sets in hydraulic power generating and pump-storage plants

17.200.20 Mjerni instrumenti za mjerenje temperature

Europska normizacija
CEN

EN 12830:2018
Temperature recorders for the transport, storage and distribution of temperature sensitive goods – Tests, performance, suitability

CENELEC

EN IEC 62828-3:2018
Reference conditions and procedures for testing industrial and process measurement transmitters – Part 3: Specific procedures for temperature transmitters (IEC 62828-3:2018)

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija
CENELEC

EN IEC 60404-6:2018
Magnetic materials – Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens (IEC 60404-6:2018)

EN IEC 62828-3:2018
Reference conditions and procedures for testing industrial and process measurement transmitters – Part 3: Specific procedures for temperature transmitters (IEC 62828-3:2018)

Međunarodna normizacija
IEC

IEC 61869-14:2018
Instrument transformers – Part 14: Additional requirements for current transformers for DC applications

IEC 61869-15:2018
Instrument transformers – Part 15: Additional requirements for voltage transformers for DC applications

17.240 Mjerenja zračenja

Međunarodna normizacija
ISO

ISO 13169:2018
Water quality – Uranium – Test method using alpha liquid scintillation counting

ISO 19461-1:2018
Radiological protection – Measurement for the clearance of waste contaminated with radioisotopes for medical application – Part 1: Measurement of radioactivity

19.080 Električna i elektronička ispitivanja

Međunarodna normizacija
IEC

IEC 61010-031 Corrigendum 1:2018
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement; Corrigendum 1

19.100 Nerazorna ispitivanja

Europska normizacija
CEN

EN 17119:2018
Non-destructive testing – Thermographic testing – Active thermography

21.060.01 Spojni elementi općenito

Europska normizacija
CEN

EN 14399-7:2018
High-strength structural bolting assemblies for preloading – Part 7: System HR – Countersunk head bolt and nut assemblies

EN 14399-8:2018
High-strength structural bolting assemblies for preloading – Part 8: System HV – Hexagon fit bolt and nut assemblies

21.100.10 Klizni ležajevi

Međunarodna normizacija
ISO

ISO 3547-1:2018
Plain bearings – Wrapped bushes – Part 1: Dimensions

ISO 4386-3:2018
Plain bearings – Metallic multilayer plain bearings – Part 3: Non-destructive penetrant testing

ISO 6280:2018
Plain bearings – Requirements and guidance on backings for thick-walled multilayer bearings

ISO 6282:2018
Plain bearings – Metallic thin-walled half bearings – Determination of the sigma 0,01°-limit

ISO 6525:2018
Plain bearings – Ring type thrust washers made from strip – Dimensions and tolerances

21.100.20 Valjni ležajevi

Međunarodna normizacija
ISO

ISO 3096:2018
Rolling bearings – Needle rollers – Boundary dimensions, geometrical product specifications (GPS) and tolerance values

ISO 7063:2018
Rolling bearings – Needle roller bearing track rollers – Boundary dimensions, geometrical product specifications (GPS) and tolerance values

23.020.35 Plinske boce

Međunarodna normizacija ISO

- ISO 13769:2018
Gas cylinders – Stamp marking
- ISO 17871:2015/Amd 1:2018
Gas cylinders – Quick-release cylinder valves – Specification and type testing; Amendment 1

23.020.40 Kriogeničke posude

Međunarodna normizacija ISO

- ISO 21013-2:2007/AMD 1:2018
Cryogenic vessels – Pressure-relief accessories for cryogenic service – Part 2: Non-reclosable pressure-relief devices; Amendment 1

23.040.20 Plastične cijevi

Europska normizacija CEN

- EN ISO 15874-2:2013/A1:2018
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes – Amendment 1 (ISO 15874-2:2013/Amd 1:2018)
- EN ISO 15874-5:2013/A1:2018
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 5: Fitness for purpose of the system – Amendment 1 (ISO 15874-5:2013/Amd 1:2018)

Međunarodna normizacija ISO

- ISO 11296-3:2018
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes
- ISO 15874-2:2013/AMD 1:2018
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes; Amendment 1
- ISO 15874-5:2013/AMD 1:2018
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 5: Fitness for purpose of the system; Amendment 1

23.040.45 Plastične spojnice

Europska normizacija CEN

- EN ISO 15874-3:2013/A1:2018
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings – Amendment 1 (ISO 15874-3:2013/Amd 1:2018)

Međunarodna normizacija ISO

- ISO 11296-3:2018
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes
- ISO 15874-3 AMD 1:2018
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings; Amendment 1

23.100.40 Cijevovodi i spojnice

Europska normizacija CEN

- EN ISO 3949:2018
Plastics hoses and hose assemblies – Textile-reinforced types for hydraulic applications – Specification (ISO 3949:2018)

Međunarodna normizacija ISO

- ISO 8434-1:2018
Metallic tube connections for fluid power and general use – Part 1: 24° cone connectors

25.030 Proizvodnja aditiva

Međunarodna normizacija ISO

- ISO/ASTM 52910:2018
Additive manufacturing – Design – Requirements, guidelines and recommendations

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija ISO

- ISO/TR 18828-1:2018
Industrial automation systems and integration – Standardized procedures for production systems engineering – Part 1: Overview

IEC

- IEC/PAS 63178:2018
Smart manufacturing service platform – Service-oriented integration requirements of the manufacturing resource/capability

25.160.10 Procesi zavarivanja

Europska normizacija CEN

- EN ISO 15612:2018
Specification and qualification of welding procedures for metallic materials – Qualification by adoption of a standard welding procedure (ISO 15612:2018)

25.160.20 Dodatni i potrošni materijali za zavarivanje

Međunarodna normizacija ISO

- ISO/TR 20173:2018
Welding – Grouping systems for materials – American materials

25.160.40 Zavareni spojevi i zavari

Europska normizacija CEN

- EN 12814-4:2018/AC:2018
Testing of welded joints of thermoplastics semi-finished products – Part 4: Peel test
- EN ISO 10042:2018
Welding – Arc-welded joints in aluminium and its alloys – Quality levels for imperfections (ISO 10042:2018)

Međunarodna normizacija ISO

- ISO 10042:2018
Welding – Arc-welded joints in aluminium and its alloys
– Quality levels for imperfections
- ISO 15626:2018
Non-destructive testing of welds – Time-of-flight diffraction
technique (TOFD) – Acceptance levels

25.220.20 Površinska obrada

Međunarodna normizacija ISO

- ISO 15626:2018
Non-destructive testing of welds – Time-of-flight diffraction
technique (TOFD) – Acceptance levels

25.220.40 Metalne prevlake

Međunarodna normizacija ISO

- ISO 21164:2018
Metallic and other inorganic coatings – DC magnetron sputtered
silver coatings for engineering purposes – Measurement of
coating adhesion

27.010 Tehnika prijenosa energije i topline općenito

Međunarodna normizacija IEC

- IEC 62325-503:2018
Framework for energy market communications – Part 503:
Market data exchanges guidelines for the IEC 62325-351
profile

27.015 Energetska učinkovitost. Očuvanje energije općenito

Međunarodna normizacija IEC

- IEC ACEE 01:2018
IEC Advisory Committee on energy efficiency (ACEE)
– Introduction to ACEE work
- IEC ACEE 02:2018
IEC Advisory Committee on energy efficiency (ACEE) – Case
study: electric motors

27.120.20 Nuklearne elektrane. Sigurnost

Međunarodna normizacija IEC

- IEC 62138:2018
Nuclear power plants – Instrumentation and control systems
important to safety – Software aspects for computer-based
systems performing category B or C functions

27.160 Solarna energetika

Međunarodna normizacija IEC

- IEC 62862-3-2:2018
Solar thermal electric plants – Part 3-2: Systems and
components – General requirements and test methods for
large-size parabolic-trough collectors

29.020 Elektrotehnika općenito

Međunarodna normizacija IEC

- IEC 60204-11:2018-07261,31 EUR
Safety of machinery – Electrical equipment of machines
– Part 11: Requirements for equipment for voltages above
1000 V AC or 1500 V DC and not exceeding 36 kV

29.030 Magnetni materijali

Europska normizacija CENELEC

- EN IEC 60404-6:2018
Magnetic materials – Part 6: Methods of measurement of the
magnetic properties of magnetically soft metallic and powder
materials at frequencies in the range 20 Hz to 100 kHz by the
use of ring specimens (IEC 60404-6:2018)
- EN IEC 60404-8-11:2018
Magnetic materials – Part 8-11: Specifications for individual
materials – Fe-based amorphous strip delivered in the semi-
processed state (IEC 60404-8-11:2018)
- EN IEC 60404-16:2018
Magnetic materials – Part 16: Methods of measurement of the
magnetic properties of Fe-based amorphous strip by means
of a single sheet tester (IEC 60404-16:2018)

Međunarodna normizacija IEC

- IEC 60404-13:2018
Magnetic materials – Part 13: Methods of measurement of
resistivity, density and stacking factor of electrical steel strip
and sheet

29.060.20 Kabeli

Međunarodna normizacija IEC

- IEC 60332-3-10:2018
Tests on electric and optical fibre cables under fire conditions
– Part 3-10: Test for vertical flame spread of vertically-mounted
bunched wires or cables – Apparatus
- IEC 60332-3-21:2018
Tests on electric and optical fibre cables under fire conditions
– Part 3-21: Test for vertical flame spread of vertically-mounted
bunched wires or cables – Category A F/R
- IEC 60332-3-22:2018
Tests on electric and optical fibre cables under fire conditions
– Part 3-22: Test for vertical flame spread of vertically-mounted
bunched wires or cables – Category A
- IEC 60332-3-23:2018
Tests on electric and optical fibre cables under fire conditions
– Part 3-23: Test for vertical flame spread of vertically-mounted
bunched wires or cables – Category B
- IEC 60332-3-24:2018
Tests on electric and optical fibre cables under fire conditions
– Part 3-24: Test for vertical flame spread of vertically-mounted
bunched wires or cables – Category C
- IEC 60332-3-25:2018
Tests on electric and optical fibre cables under fire conditions
– Part 3-25: Test for vertical flame spread of vertically-mounted
bunched wires or cables – Category D

29.100.01 Sastavni dijelovi za električnu opremu općenito

Europska normizacija CENELEC

- CLC/TR 50625-6:2018
Collection, logistics & treatment requirements for WEEE – Part 6:
Report on the alignment between Directive 2012/19/EU
and EN 50625 series standards and EN 50614

29.100.10 Magnetski sastavni dijelovi

Međunarodna normizacija IEC

IEC 60205 Corrigendum 1:2018
Calculation of the effective parameters of magnetic piece parts; Corrigendum 1

29.140.01 Svjetiljke općenito

Međunarodna normizacija IEC

IEC/TR 63158 Corrigendum 1:2018
Equipment for general lighting purposes – Objective test method for stroboscopic effects of lighting equipment

29.160.01 Rotacijski strojevi općenito

Europska normizacija CENELEC

EN IEC 60034-27-1:2018
Rotating electrical machines – Part 27-1: Off-line partial discharge measurements on the stator winding insulation of rotating electrical machines (IEC 60034-27-1:2017)

EN IEC 60034-27-4:2018
Rotating electrical machines – Part 27-4: Measurement of insulation resistance and polarization index on winding insulation of rotating electrical machines (IEC 60034-27-4:2018)

29.160.30 Motori

Međunarodna normizacija IEC

IEC ACEE 02:2018-07
IEC Advisory Committee on energy efficiency (ACEE) – Case study: electric motors

29.160.40 Električni agregati

Međunarodna normizacija ISO

ISO 20816-5:2018
Mechanical vibration – Measurement and evaluation of machine vibration – Part 5: Machine sets in hydraulic power generating and pump-storage plants

29.240.20 Vodovi za prijenos i razdiobu električne energije

Europska normizacija CENELEC

EN 50341-2-9:2017/A1:2018
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

Europska normizacija CENELEC

EN IEC 60079-0:2018
Explosive atmospheres – Part 0: Equipment – General requirements (IEC 60079-0:2017)

Međunarodna normizacija ISO

ISO/IEC 80079-20-1 Technical Corrigendum 1:2018
Explosive atmospheres – Part 20-1: Material characteristics for gas and vapour classification – Test methods and data; Technical Corrigendum 1

IEC

IEC 60079-18 Corrigendum 1:2018
Explosive atmospheres – Part 18: Equipment protection by encapsulation „m”; Corrigendum 1

31.060.99 Ostali kondenzatori

Međunarodna normizacija IEC

IEC 60358-4:2018
Coupling capacitors and capacitor dividers – Part 4: DC or AC single-phase capacitor dividers

31.220.01 Elektromehanički sastavni dijelovi općenito

Europska normizacija CENELEC

CLC/TR 50625-6:2018
Collection, logistics & treatment requirements for WEEE – Part 6: Report on the alignment between Directive 2012/19/EU and EN 50625 series standards and EN 50614

31.240 Mehaničke konstrukcije za elektroničku opremu

Europska normizacija CENELEC

EN IEC 61837-2:2018
Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 2: Ceramic enclosures (IEC 61837-2:2018)

EN IEC 62610-2:2018
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 (IEC 62610-2:2018)

33.060.40 Kabelski distribucijski sustavi

Međunarodna normizacija IEC

IEC 60728-113:2018
Cable networks for television signals, sound signals and interactive services – Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only

33.120.10 Koaksijalni kabeli. Valovodi

Europska normizacija CENELEC

EN 62153-4-7:2016/A1:2018
Metallic communication cable test methods – Part 4-7: Electromagnetic compatibility (EMC) – Test method for measuring of transfer impedance Z_T and screening attenuation as or coupling attenuation a_C of connectors and assemblies up to and above 3 GHz – Triaxial tube in tube method (IEC 62153-4-7:2015/A1:2018)

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija CENELEC

EN IEC 60794-1-31:2018
Optical fibre cables – Part 1-31: Generic specification – Optical cable elements – Optical fibre ribbon (IEC 60794-1-31:2018)

Međunarodna normizacija IEC

IEC 60332-3-10:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables – Apparatus

IEC 60332-3-22:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category A

IEC 60332-3-23:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category B

IEC 60332-3-24:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category C

IEC 60332-3-25:2018
Tests on electric and optical fibre cables under fire conditions – Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category D

33.180.20 Svjetlovodni vezne naprave

Europska normizacija CENELEC

EN 50377-14-1:2018
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 14-1: Simplex and duplex cords made from simplex plugs with cylindrical ferrules, using EN 60793 250 single-mode B1 or B6 fibre for Category C according to EN 61753-1

Međunarodna normizacija IEC

IEC 62005-9-4:2018
Fibre optic interconnecting devices and passive components – Reliability – Part 9-4: High power qualification of passive optical components for environmental category C

33.180.30 Optička pojačala

Europska normizacija CENELEC

EN IEC 61290-4-3:2018
Optical amplifiers – Test methods – Part 4-3: Power transient parameters – Single channel optical amplifiers in output power control (IEC 61290-4-3:2018)

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Međunarodna normizacija IEC

IEC 62746-10-3:2018
Systems interface between customer energy management system and the power management system – Part 10-3: Open automated demand response – Adapting smart grid user interfaces to the IEC common information model

35.030 Informatička sigurnost

Međunarodna normizacija ISO

ISO/IEC 27005:2018
Information technology – Security techniques – Information security risk management

ISO/IEC 29100 AMD 1:2018
Information technology – Security techniques – Privacy framework – Amendment 1: Clarifications

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija ISO

ISO/IEC 21000-22 AMD 1:2018
Information technology – Multimedia framework (MPEG-21) – Part 22: User Description – Amendment 1: Reference software for MPEG-21 user description

ISO/IEC 23008-2 AMD 3:2018
Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 2: High efficiency video coding – Amendment 3: Additional supplemental enhancement information

35.040.50 Tehnike automatskog prepoznavanja i preuzimanja podataka

Međunarodna normizacija ISO

ISO/IEC 18000-4:2018
Information technology – Radio frequency identification for item management – Part 4: Parameters for air interface communications at 2,45 GHz

ISO/IEC 18000-4:2018
Information technology – Radio frequency identification for item management – Part 4: Parameters for air interface communications at 2,45 GHz

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Europska normizacija CENELEC

EN IEC 62714-1:2018
Engineering data exchange format for use in industrial automation systems engineering – Automation markup language – Part 1: Architecture and general requirements (IEC 62714-1:2018)

Međunarodna normizacija ISO

ISO/IEC 9899:2018
Information technology – Programming languages – C

ISO/IEC 24707:2018
Information technology – Common Logic (CL) – A framework for a family of logic-based languages

35.080 Softver (programska podrška)

Međunarodna normizacija IEC

IEC 62138:2018
Nuclear power plants – Instrumentation and control systems important to safety – Software aspects for computer-based systems performing category B or C functions

35.110 Umrežavanje

Europska normizacija CENELEC

- EN 50174-1:2018
Information technology – Cabling installation – Part 1:
Installation specification and quality assurance
- EN 50174-2:2018
Information technology – Cabling installation – Part 2:
Installation planning and practices inside buildings

Međunarodna normizacija ISO

- ISO/IEC 30140-3:2018
Information technology – Underwater acoustic sensor network
(UWASN) – Part 3: Entities and interface
- ISO/IEC 30140-4:2018
Information technology – Underwater acoustic sensor network
(UWASN) – Part 4: Interoperability

35.210 Računarstvo u oblaku

Međunarodna normizacija IEC

- IEC/PAS 63178:2018
Smart manufacturing service platform – Service-oriented
integration requirements of the manufacturing resource/
capability

35.240.10 Računalno oblikovanje (CAD)

Europska normizacija CEN

- EN 9300-100:2018
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

35.240.15 Identifikacijske kartice i pripadajuće naprave

Međunarodna normizacija ISO

- ISO/IEC 7816-4 AMD 1:2018
Identification cards – Integrated circuit cards – Part 4:
Organization, security and commands for interchange
– Amendment 1: Multiple record handling
- ISO/IEC 15693-1:2018
Cards and security devices for personal identification
– Contactless vicinity objects – Part 1: Physical
characteristics
- ISO/IEC 18013-1:2018
Information technology – Personal identification – ISO-compliant
driving licence – Part 1: Physical characteristics and basic
data set
- ISO/IEC 18745-1:2018
Test methods for machine readable travel documents (MRTD)
and associated devices – Part 1: Physical test methods for
passport books (durability)
- ISO/IEC 20027:2018
Information technology – Guidelines for slap tenprint
fingerprinture

35.240.30 Primjene informacijske tehnologije u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CEN

- EN 9300-100:2018
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

Međunarodna normizacija ISO

- ISO 19593-1:2018
Graphic technology – Use of PDF to associate processing
steps and content data – Part 1: Processing steps for
packaging and labels

35.240.50 Primjene informacijske tehnologije u industriji

Međunarodna normizacija IEC

- IEC 62325-503:2018
Framework for energy market communications – Part 503:
Market data exchanges guidelines for the IEC 62325-351
profile
- IEC 62746-10-3:2018
Systems interface between customer energy management
system and the power management system – Part 10-3:
Open automated demand response – Adapting smart grid
user interfaces to the IEC common information model
- IEC/PAS 63178:2018
Smart manufacturing service platform – Service-oriented
integration requirements of the manufacturing resource/
capability

35.240.60 Primjene informacijske tehnologije u prijevozu i trgovini

Europska normizacija CEN

- EN ISO 17427-1:2018
Intelligent transport systems – Cooperative ITS – Part 1:
Roles and responsibilities in the context of co-operative ITS
architecture(s) (ISO 17427-1:2018)

Međunarodna normizacija ISO

- ISO 16461:2018
Intelligent transport systems – Criteria for privacy and
integrity protection in probe vehicle information systems

35.240.80 Primjene informacijske tehnologije u tehnologiji zaštite zdravlja

Europska normizacija CEN

- EN ISO 11238:2018
Health informatics – Identification of medicinal products
– Data elements and structures for the unique identification
and exchange of regulated information on substances
(ISO 11238:2018)

Međunarodna normizacija ISO

- ISO 11238:2018
Health informatics – Identification of medicinal products
– Data elements and structures for the unique identification
and exchange of regulated information on substances

ISO/TR 20055:2018
Health informatics – Person-owned document repository for
PHR applications and health information exchange

35.240.90 Primjene informacijske tehnologije u izobrazbi

Međunarodna normizacija
ISO

ISO/IEC TR 20821:2018
Information technology – Learning, education and training
– Learning environment components for automated contents
adaptation

37.020 Optička oprema

Međunarodna normizacija
ISO

ISO 21575:2018
Optics and photonics – Optical materials and components
– The powder test method for the water resistance of optical
glass

37.100.99 Ostale norme koje se odnose na grafičku tehnologiju

Međunarodna normizacija
ISO

ISO 19593-1:2018
Graphic technology – Use of PDF to associate processing
steps and content data – Part 1: Processing steps for
packaging and labels

43.020 Cestovna vozila općenito

Međunarodna normizacija
ISO

ISO 6546:2018
Road vehicles – Collection of accident data for evaluation of
occupant restraint performance

ISO 8721:2018
Road vehicles – Measurement techniques in impact tests
– Optical instrumentation

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Međunarodna normizacija
ISO

ISO 16845-2:2018
Road vehicles – Controller area network (CAN) conformance
test plan – Part 2: High-speed medium access unit
– Conformance test plan

43.060.40 Sustavi goriva

Međunarodna normizacija
ISO

ISO 19723-1:2018
Road vehicles – Liquefied natural gas (LNG) fuel systems
– Part 1: Safety requirements

ISO 19723-2:2018
Road vehicles – Liquefied natural gas (LNG) fuel systems
– Part 2: Test methods

43.120 Električna cestovna vozila

Međunarodna normizacija
ISO

ISO 12405-4:2018
Electrically propelled road vehicles – Test specification
for lithium-ion traction battery packs and systems – Part 4:
Performance testing

47.020.01 Opće norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija
ISO

ISO 23048:2018
Ships and marine technology – Verification method for
portable power measurement using a strain gauge

47.020.05 Materijali i sastavni dijelovi za brodogradnju

Međunarodna normizacija
ISO

ISO 21635:2018
Ships and marine technology – Specification of high manganese
austenitic steel used for LNG tanks on board ships

47.020.70 Oprema za navigaciju i upravljanje

Međunarodna normizacija
IEC

IEC 61993-2:2018
Maritime navigation and radiocommunication equipment and
systems – Automatic identification systems (AIS) – Part 2:
Class A shipborne equipment of the automatic identification
system (AIS) – Operational and performance requirements,
methods of test and required test results

47.080 Mala plovila

Međunarodna normizacija
ISO

ISO 17339:2018
Ships and marine technology – Life saving and fire protection
– Sea anchors for survival craft and rescue boats

49.020 Zrakoplovi i svemirska vozila općenito

Europska normizacija
CEN

EN 9300-100:2018
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

49.025.10 Čelici

Europska normizacija
CEN

EN 2540:2018
Aerospace series – Steel X7CrNiAl17-7 (568) – Steel
X7CrNiAl17-7 (1.4568) – Air melted – Solution treated
and precipitation hardened – Sheet and strip – a ≤ 6 mm
– 1240 MPa ≤ Rm ≤ 1450 MPa

EN 2541:2018
Aerospace series – Steel FE-PA18 – Quenched and cold
drawn – Wire for spring – D ≤ 4,0 mm

49.025.40 Guma i plastika

Europska normizacija CEN

- EN 2796:2018
Aerospace series – Fluorocarbon rubber (FKM) – Low compressions set – Hardness 60 IRHD

49.080 Hidraulični i pneumatski sustavi i sastavni dijelovi za zrakoplove

Europska normizacija CEN

- EN 4832:2018
Aerospace series – Adaptor, Pipe coupling 24° Cone up to 35000 kPa (5080 psi) Ring-locked fitting and Ring-locked fitting-reducer – Inch Series – Technical specification
- EN 4833:2018
Aerospace series – Pipe coupling 24° Cone up to 35000 kPa (5080 psi) Ring-locked fitting – Flareless End – Inch Series – Extra Fine Thread Pitch
- EN 4834:2018
Aerospace series – Adaptor, Pipe coupling 24° Cone up to 35000 kPa (5080 psi) Port for Ring locked fitting – Inch Series – Geometric configuration
- EN 4835:2018
Aerospace series – Installation and removal requirements for Ring locked fitting and reducer, 24° Cone up to 35000 kPa (5080 psi) – Inch Series
- EN 4836:2018
Aerospace series – Adaptor, Pipe coupling 24° Cone up to 35000 kPa (5080 psi) Ring-locked fitting – Reducer – Flareless End – Inch Series – Extra Fine Thread Pitch

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija CEN

- EN 3745-505:2018
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 505: Cable tensile strength

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

- ISO 16157:2018
Space systems – Human-life activity support systems and equipment integration in space flight – Techno-medical requirements for space vehicle human habitation environments
- ISO 20930:2018
Space systems – Calibration requirements for satellite-based passive microwave sensors

53.040.20 Sastavni dijelovi za prijenosne trake

Europska normizacija CEN

- EN ISO 7590:2018
Steel cord conveyor belts – Methods for the determination of total thickness and cover thickness (ISO 7590:2018)

53.100 Strojevi za zemljane radove

Međunarodna normizacija ISO

- ISO 19014-1:2018
Earth-moving machinery – Functional safety – Part 1: Methodology to determine safety-related parts of the control system and performance requirements

55.020 Ambalaža, pakiranje i distribucija robe općenito

Međunarodna normizacija ISO

- ISO 14375:2018
Child-resistant non-reclosable packaging for pharmaceutical products – Requirements and testing
- ISO 28862:2018
Packaging – Child-resistant packaging – Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products

59.140.30 Koža i krzno

Europska normizacija CEN

- EN ISO 4048:2018
Leather – Chemical tests – Determination of matter soluble in dichloromethane and free fatty acid content (ISO 4048:2018)
- EN ISO 4098:2018
Leather – Chemical tests – Determination of water-soluble matter, water-soluble inorganic matter and water-soluble organic matter (ISO 4098:2018)
- EN ISO 5398-1:2018
Leather – Chemical determination of chromic oxide content – Part 1: Quantification by titration (ISO 5398-1:2018)
- EN ISO 5398-3:2018
Leather – Chemical determination of chromic oxide content – Part 3: Quantification by atomic absorption spectrometry (ISO 5398-3:2018)

61.060 Obuća

Europska normizacija CEN

- EN ISO 17708:2018
Footwear – Test methods for whole shoe – Upper sole adhesion (ISO 17708:2018)

65.060.40 Oprema za njegu biljaka

Međunarodna normizacija ISO

- ISO 25358:2018
Crop protection equipment – Droplet-size spectra from atomizers – Measurement and classification

65.060.80 Oprema za šumarstvo

Međunarodna normizacija ISO

- ISO 9518:2018
Forestry machinery – Portable chain-saws – Kickback test

67.050 Opće metode ispitivanja i analize hrane

Međunarodna normizacija ISO

ISO 20635:2018
Infant formula and adult nutritionals – Determination of vitamin C by (ultra) high performance liquid chromatography with ultraviolet detection ((U)HPLC-UV)

ISO 20636:2018
Infant formula and adult nutritionals – Determination of vitamin D by liquid chromatography-mass spectrometry

67.060 Žitarice, mahunarke i proizvodi od žitarica i mahunarka

Međunarodna normizacija ISO

ISO 15141:2018
Cereals and cereal products – Determination of ochratoxin A – High performance liquid chromatographic method with immunoaffinity column cleanup and fluorescence detection

ISO 19942:2018
Maize (*Zea mays* L.) – Specification

67.200.10 Životinjske i biljne masti i ulja

Međunarodna normizacija ISO

ISO 3961:2018
Animal and vegetable fats and oils – Determination of iodine value

67.200.20 Uljarice

Međunarodna normizacija ISO

ISO 5506:2018
Soya bean products – Determination of urease activity

67.260 Postrojenja i oprema za prehrambenu industriju

Europska normizacija CEN

EN 12830:2018
Temperature recorders for the transport, storage and distribution of temperature sensitive goods – Tests, performance, suitability

71.040.50 Fizikalnokemijske metode analize

Međunarodna normizacija ISO

ISO 19463:2018
Microbeam analysis – Electron probe microanalyser (EPMA) – Guidelines for performing quality assurance procedures

71.100.50 Kemikalije za zaštitu drveta

Europska normizacija CEN

EN 16755:2017/AC:2018
Durability of reaction to fire performance – Classes of fire-retardant treated wood products in interior and exterior end use applications

75.060 Prirodni plin

Europska normizacija CEN

EN 16726+A1:2018
Gas infrastructure – Quality of gas – Group H

75.160.20 Tekuća goriva

Europska normizacija CEN

EN ISO 4264:2018
Petroleum products – Calculation of cetane index of middle-distillate fuels by the four variable equation (ISO 4264:2018)

75.180.10 Oprema za iskorištavanje i vađenje

Europska normizacija CEN

EN ISO 10855-1:2018
Offshore containers and associated lifting sets – Part 1: Design, manufacture and marking of offshore containers (ISO 10855-1:2018)

EN ISO 10855-2:2018
Offshore containers and associated lifting sets – Part 2: Design, manufacture and marking of lifting sets (ISO 10855-2:2018)

EN ISO 10855-3:2018
Offshore containers and associated lifting sets – Part 3: Periodic inspection, examination and testing (ISO 10855-3:2018)

EN ISO 15138:2018
Petroleum and natural gas industries – Offshore production installations – Heating, ventilation and air-conditioning (ISO 15138:2018)

77.040.10 Mehaničko ispitivanje metala

Međunarodna normizacija ISO

ISO 12108:2018
Metallic materials – Fatigue testing – Fatigue crack growth method

77.060 Korozija metala

Europska normizacija CEN

EN ISO 16151:2018
Corrosion of metals and alloys – Accelerated cyclic test with exposure to acidified salt spray, dry and wet conditions (ISO 16151:2018)

Međunarodna normizacija ISO

ISO 14993:2018
Corrosion of metals and alloys – Accelerated testing involving cyclic exposure to salt mist, dry and wet conditions

77.140.10 Toplinski obradivi čelici

Europska normizacija CEN

EN ISO 9443:2018
Surface quality classes for hot-rolled bars and wire rod (ISO 9443:2018)

Međunarodna normizacija ISO

ISO 4954:2018
Steels for cold heading and cold extruding

77.140.20 Nehrdajući čelici

Europska normizacija CEN

EN ISO 9443:2018
Surface quality classes for hot-rolled bars and wire rod
(ISO 9443:2018)

Međunarodna normizacija ISO

ISO 4954:2018
Steels for cold heading and cold extruding

77.140.35 Alatni čelici

Europska normizacija CEN

EN ISO 4957:2018
Tool steels (ISO 4957:2018)

77.140.60 Čelične šipke i žice

Europska normizacija CEN

EN ISO 9443:2018
Surface quality classes for hot-rolled bars and wire rod
(ISO 9443:2018)

77.160 Metalurgija praha

Europska normizacija CEN

EN ISO 3923-1:2018
Metallic powders – Determination of apparent density
– Part 1: Funnel method (ISO 3923-1:2018)

81.040.20 Staklo u graditeljstvu

Europska normizacija CEN

EN 1279-1:2018
Glass in Building – Insulating glass units – Part 1: Generalities,
system description, rules for substitution, tolerances and
visual quality

EN 1279-2:2018
Glass in building – Insulating glass units – Part 2: Long term
test method and requirements for moisture penetration

EN 1279-3:2018
Glass in building – Insulating glass units – Part 3: Long term
test method and requirements for gas leakage rate and for
gas concentration tolerances

EN 1279-4:2018
Glass in Building – Insulating Glass Units – Part 4: Methods
of test for the physical attributes of edge seal components
and inserts

EN 1279-5:2018
Glass in building – Insulating glass units – Part 5: Product
standard

EN 1279-6:2018
Glass in building – Insulating glass units – Part 6: Factory
production control and periodic tests

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

ISO 21113:2018
Fine ceramics (advanced ceramics, advanced technical
ceramics) – Test method for fracture toughness of monolithic
ceramic thin plates at room temperature

ISO 21714:2018
Fine ceramics (advanced ceramics, advanced technical
ceramics) – Test method for determining density of ceramic
coatings

81.080 Vatrostalni materijali

Međunarodna normizacija ISO

ISO 16169:2018
Preparation of silicon carbide and similar materials for analysis
by ISO 12677 X-ray fluorescence (XRF) – Fused cast-bead
method

83.060 Guma

Međunarodna normizacija ISO

ISO 247-1:2018
Rubber – Determination of ash – Part 1: Combustion method

ISO 247-2:2018
Rubber – Determination of ash – Part 2: Thermogravimetric
analysis (TGA)

ISO 1853:2018
Conducting and dissipative rubbers, vulcanized or
thermoplastic – Measurement of resistivity

ISO 2007:2018
Rubber, unvulcanized – Determination of plasticity – Rapid-
plastimeter method

ISO 2781:2018
Rubber, vulcanized or thermoplastic – Determination of
density

ISO 6502-1:2018
Rubber – Measurement of vulcanization characteristics using
curemeters – Part 1: Introduction

ISO 6502-2:2018
Rubber – Measurement of vulcanization characteristics using
curemeters – Part 2: Oscillating disc curemeter

ISO 6502-3:2018
Rubber – Measurement of vulcanization characteristics using
curemeters – Part 3: Rotorless curemeter

83.080.01 Plastika općenito

Europska normizacija CEN

EN ISO 10927:2018
Plastics – Determination of the molecular mass and molecular
mass distribution of polymer species by matrix-assisted
laser desorption/ionization time-of-flight mass spectrometry
(MALDI-TOF-MS) (ISO 10927:2018)

Međunarodna normizacija ISO

ISO 12058-1:2018
Plastics – Determination of viscosity using a falling-ball
viscometer – Part 1: Inclined-tube method

ISO 13586:2018
Plastics – Determination of fracture toughness (GIC and KIC)
– Linear elastic fracture mechanics (LEFM) approach

ISO 14855-2:2018
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test

ISO 17422:2018
Plastics – Environmental aspects – General guidelines for their inclusion in standards

83.080.10 Duromerni materijali

Međunarodna normizacija ISO

ISO 14322:2018
Plastics – Epoxy resins – Determination of degree of crosslinking of crosslinked epoxy resins by differential scanning calorimetry (DSC)

83.080.20 Plastomerni materijali

Europska normizacija CEN

EN ISO 20557-1:2018
Plastics – Poly(phenylene ether) (PPE) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 20557-1:2018)

EN ISO 20557-2:2018
Plastics – Poly(phenylene ether) (PPE) moulding and extrusion materials – Part 2: Preparation of test specimen and determination of properties (ISO 20557-2:2018)

83.100 Pjenasti materijali

Međunarodna normizacija ISO

ISO 1856:2018
Flexible cellular polymeric materials – Determination of compression set

ISO 8067:2018
Flexible cellular polymeric materials – Determination of tear strength

ISO 8307:2018
Flexible cellular polymeric materials – Determination of resilience by ball rebound

83.140.20 Laminatne ploče

Međunarodna normizacija ISO

ISO 4586-1:2018
High-pressure decorative laminates (HPL, HPDL) – Sheets based on thermosetting resins (usually called laminates) – Part 1: Introduction and general information

ISO 4586-2:2018
High-pressure decorative laminates (HPL, HPDL) – Sheets based on thermosetting resins (usually called laminates) – Part 2: Determination of properties

ISO 4586-3:2018
High-pressure decorative laminates (HPL, HPDL) – Sheets based on thermosetting resins (usually called laminates) – Part 3: Classification and specifications for laminates less than 2 mm thick and intended for bonding to supporting substrates

ISO 4586-4:2018
High-pressure decorative laminates (HPL, HPDL) – Sheets based on thermosetting resins (usually called laminates) – Part 4: Classification and specifications for compact laminates of thickness 2 mm and greater

ISO 4586-5:2018
High-pressure decorative laminates (HPL, HPDL) – Sheets based on thermosetting resins (usually called laminates) – Part 5: Classification and specifications for flooring grade laminates less than 2 mm thick intended for bonding to supporting substrates

ISO 4586-6:2018
High-pressure decorative laminates (HPL, HPDL) – Sheets based on thermosetting resins (usually called laminates) – Part 6: Classification and specifications for exterior-grade compact laminates of thickness 2 mm and greater

ISO 4586-7:2018
High-pressure decorative laminates (HPL, HPDL) – Sheets based on thermosetting resins (usually called laminates) – Part 7: Classification and specifications for design laminates

ISO 4586-8:2018
High-pressure decorative laminates (HPL, HPDL) – Sheets based on thermosetting resins (usually called laminates) – Part 8: Classification and specifications for alternative core laminates

83.140.40 Crijeva

Europska normizacija CEN

EN ISO 3949:2018
Plastics hoses and hose assemblies – Textile-reinforced types for hydraulic applications – Specification (ISO 3949:2018)

83.160.01 Gume za vozila općenito

Međunarodna normizacija ISO

ISO 28580:2018
Passenger car, truck and bus tyre rolling resistance measurement method – Single point test and correlation of measurement results

83.160.30 Gume za poljoprivredne i ostale strojeve

Međunarodna normizacija ISO

ISO 8664:2018
Tyres for agricultural tractors and machines – Code-designated and service-description marked radial drive-wheel tyres

ISO 11795:2018
Agricultural tractor drive wheel tyres – Explanation of rolling circumference index (RCI) and speed radius index (SRI) and method of measuring tyre rolling circumference

83.180 Adhezivi

Međunarodna normizacija ISO

ISO 25179:2018
Adhesives – Determination of the solubility of water-soluble or alkali-soluble pressure-sensitive adhesives

87.040 Boje i lakovi

Međunarodna normizacija ISO

ISO/TR 19402:2018
Paints and varnishes – Adhesion of coatings

ISO 21545:2018
Paints and varnishes – Determination of settling

87.060.10 Pigmenti i punila

Međunarodna normizacija ISO

- ISO 18451-2:2018
Pigments, dyestuffs and extenders – Terminology – Part 2:
Classification of colouring materials according to colouristic
and chemical aspects

87.100 Oprema za premazivanje bojom

Europska normizacija CENELEC

- EN 50059:2018
Electrostatic hand-held spraying equipment – Safety
requirements – Hand-held spraying equipment for non-
ignitable coating materials

91.010.30 Tehnički aspekti

Europska normizacija CEN

- EN 1992-4:2018
Eurocode 2 – Design of concrete structures – Part 4: Design
of fastenings for use in concrete
- CEN/TR 17231:2018
Eurocode 1: Actions on Structures – Traffic Loads on Bridges
– Track-Bridge Interaction

91.080.40 Betonske konstrukcije

Europska normizacija CEN

- EN 1992-4:2018
Eurocode 2 – Design of concrete structures – Part 4: Design
of fastenings for use in concrete

91.100.01 Građevni materijali općenito

Europska normizacija CEN

- EN ISO 1716:2018
Reaction to fire tests for products – Determination of the gross
heat of combustion (calorific value) (ISO 1716:2018)

91.100.15 Mineralni materijali i proizvodi

Europska normizacija CEN

- EN 16236:2018
Assessment and Verification of the Constancy of Performance
(AVCP) of aggregates – Type testing and Factory Production
Control

91.100.50 Veziva. Materijali za brtvljenje

Međunarodna normizacija ISO

- ISO 11527:2018
Buildings and civil engineering works – Sealants – Test
method for the determination of stringiness
- ISO 13640:2018
Buildings and civil engineering works – Sealants – Specifications
for test substrates

91.140.10 Sustavi centralnoga grijanja

Europska normizacija CEN

- EN 16510-1:2018
Residential solid fuel burning appliances – Part 1: General
requirements and test methods

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija CEN

- EN 50174-2:2018
Information technology – Cabling installation – Part 2:
Installation planning and practices inside buildings
- EN 50491-12-1:2018
General requirements for Home and Building Electronic
Systems (HBES) and Building Automation and Control
Systems (BACS) – Smart grid – Application specification
– Interface and framework for customer – Part 12-1: Interface
between the CEM and Home/Building Resource manager
– General Requirements and Architecture

91.140.60 Sustavi opskrbe vodom

Europska normizacija CEN

- EN ISO 15874-2:2013/A1:2018
Plastics piping systems for hot and cold water installations
– Polypropylene (PP) – Part 2: Pipes – Amendment 1
(ISO 15874-2:2013/Amd 1:2018)
- EN ISO 15874-3:2013/A1:2018
Plastics piping systems for hot and cold water installations
– Polypropylene (PP) – Part 3: Fittings – Amendment 1
(ISO 15874-3:2013/Amd 1:2018)
- EN ISO 15874-5:2013/A1:2018
Plastics piping systems for hot and cold water installations
– Polypropylene (PP) – Part 5: Fitness for purpose of the
system – Amendment 1 (ISO 15874-5:2013/Amd 1:2018)

91.140.80 Odvodni sustavi

Međunarodna normizacija ISO

- ISO 11296-3:2018
Plastics piping systems for renovation of underground non-
pressure drainage and sewerage networks – Part 3: Lining
with close-fit pipes

91.140.90 Dizala. Pokretne stube

Međunarodna normizacija ISO

- ISO 8100-20:2018
Lifts for the transport of persons and goods – Part 20: Global
essential safety requirements (GESRs)

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Europska normizacija CEN

- EN ISO 17892-12:2018-
Geotechnical investigation and testing – Laboratory testing
of soil – Part 12: Determination of liquid and plastic limits
(ISO 17892-12:2018)

93.030 Vanjski kanalizacijski sustavi

Međunarodna normizacija
ISO

ISO 11296-3:2018
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes

93.040 Mostogradnja

Europska normizacija
CEN

CEN/TR 17231:2018
Eurocode 1: Actions on Structures – Traffic Loads on Bridges – Track-Bridge Interaction

93.080.30 Cestovna oprema i instalacije

Europska normizacija
CEN

EN 1793-5:2016/AC:2018
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – In situ values of sound reflection under direct sound field conditions

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Europska normizacija
CEN

EN 16510-1:2018
Residential solid fuel burning appliances – Part 1: General requirements and test methods

97.060 Praonički uređaji

Europska normizacija
CENELEC

EN 50594:2018
Household and similar electric appliances – Methods for measuring the performance of tumble dryers intended for commercial use

EN 50640:2018
Household and similar electric appliances – Methods for measuring the performance of clothes washing machines intended for commercial use

97.100.30 Grijači na kruta goriva

Europska normizacija
CEN

EN 16510-1:2018
Residential solid fuel burning appliances – Part 1: General requirements and test methods

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija
CENELEC

EN 50491-12-1:2018
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Smart grid – Application specification – Interface and framework for customer – Part 12-1: Interface between the CEM and Home/Building Resource manager – General Requirements and Architecture

97.140 Namještaj

Europska normizacija
CEN

EN 16780:2018
Textile child care articles – Safety requirements and test methods for children's cot bumpers

97.150 Netekstilni podni prekrivači

Međunarodna normizacija
ISO

ISO 23999:2018
Resilient floor coverings – Determination of dimensional stability and curling after exposure to heat

97.160 Kućanski tekstili. Posteljina

Europska normizacija
CEN

EN 16779-1:2018
Textile child care articles – Safety requirements and test methods for children's cot duvets – Part 1: Duvet (excluding duvet covers)

EN 16781:2018
Textile child care articles – Safety requirements and test methods for children's sleep bags for use in a cot

97.190 Oprema za djecu

Europska normizacija
CEN

CEN/TR 13387-2:2018
Child care articles – General safety guidelines – Part 2: Chemical hazards

EN 16232+A1:2018
Child use and care articles – Infant swings

EN 16779-1:2018
Textile child care articles – Safety requirements and test methods for children's cot duvets – Part 1: Duvet (excluding duvet covers)

EN 16780:2018
Textile child care articles – Safety requirements and test methods for children's cot bumpers

EN 16781:2018
Textile child care articles – Safety requirements and test methods for children's sleep bags for use in a cot