

Hrvatski zavod za norme

Oglasnik za normativne dokumente

6/2017 lipanj, 2017.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

Sadržaj:

1	Rezultati hrvatske normizacije	A3
1.1	Hrvatske norme	A3
1.2	Nacrti hrvatskih norma	
1.3	Prijedlozi za prihvaćanje stranih norma u izvorniku	A9
1.4	Povučene hrvatske norme	A13
1.5	Povučeni nacrti hrvatskih norma	
1.6	Ispravci hrvatskih norma	A17
1.7	Naslovi objavljenih hrvatskih norma na hrvatskome jeziku	A18
1.8	Drugi normativni dokumenti	
1.9	Opća izdanja HZN-a	
1.10	Prijevod hrvatskih normativnih dokumenata	
2	Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju	A19

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 23, *Traktori i strojevi za poljoprivredu i šumarstvo*

HRN EN ISO 5395-2:2013/A2:2017 en pr
Oprema za vrtove i parkove – Sigurnosni zahtjevi za kosilice trave pogonjene motorom s unutrašnjim izgaranjem – 2. dio: Kosilice trave s rukovateljem koji hoda – Amandman 2: Zaštita reznog dijela alata (ISO 5395-2:2013/Amd 2:2017; EN ISO 5395-2:2013/A2:2017)
Garden equipment – Safety requirements for combustion-engine-powered lawnmowers – Part 2: Pedestrian-controlled lawnmowers – Amendment 2: Cutting means enclosure guards (ISO 5395-2:2013/Amd 2:2017; EN ISO 5395-2:2013/A2:2017)

HRN EN ISO 11681-2:2013/A1:2017 en pr
Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje prijenosnih motornih pila – 2. dio: Motorne pile za njegu stabala (ISO 11681-2:2011/Amd 1:2017; EN ISO 11681-2:2011/A1:2017)
Machinery for forestry – Portable chain-saw safety requirements and testing – Part 2: Chain-saws for tree service (ISO 11681-2:2011/Amd 1:2017; EN ISO 11681-2:2011/A1:2017)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN 228:2017 en pr
Goriva za motorna vozila – Bezolovni motorni benzin – Zahtjevi i metode ispitivanja (EN 228:2012+A1:2017)
Automotive fuels – Unleaded petrol – Requirements and test methods (EN 228:2012+A1:2017)

HRN EN 590:2017 en pr
Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja (EN 590:2013+A1:2017)
Automotive fuels – Diesel – Requirements and test methods (EN 590:2013+A1:2017)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 11132:2017 en pr
Senzorska analiza – Metodologija – Smjernice za praćenje karakteristika kvantitativnog senzorskog panela (ISO 11132:2012; EN ISO 11132:2017)
Sensory analysis – Methodology – Guidelines for monitoring the performance of a quantitative sensory panel (ISO 11132:2012; EN ISO 11132:2017)

HRN EN ISO 11136:2017 en pr
Senzorska analiza – Metodologija – Opće upute za provođenje testova zadovoljstva potrošača u kontroliranim uvjetima (ISO 11136:2014; EN ISO 11136:2017)
Sensory analysis – Methodology – General guidance for conducting hedonic tests with consumers in a controlled area (ISO 11136:2014; EN ISO 11136:2017)

HZN/TO 43, *Akustika*

HRN EN ISO 3745:2012/A1:2017 en pr
Akustika – Određivanje razina zvučne snage i razina zvučne energije izvora buke mjerenjem zvučnoga tlaka – Precizne metode u gluhim i polugluhim komorama (ISO 3745:2012/Amd 1:2017; EN ISO 3745:2012/A1:2017)
Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Precision methods for anechoic rooms and hemi-anechoic rooms (ISO 3745:2012/Amd 1:2017; EN ISO 3745:2012/A1:2017)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 3580:2017 en pr
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje čelika otpornih na puzanje – Razredba (ISO 3580:2017; EN ISO 3580:2017)
Welding consumables – Covered electrodes for manual metal arc welding of creep-resisting steels – Classification (ISO 3580:2017; EN ISO 3580:2017)

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

HRI ISO/TR 15801:2017 en pr
Upravljanje dokumentima – Elektronički pohranjeni podaci – Preporuke za pouzdanost i vjerodostojnost (ISO/TR 15801:2017)
Document management – Electronically stored information – Recommendations for trustworthiness and reliability (ISO/TR 15801:2017)

HRN ISO 19005-1:2008/Ispr.1:2017 en pr
Upravljanje dokumentima – Format datoteka elektroničkih dokumenata za dugoročnu zaštitu – 1. dio: Uporaba PDF-a 1.4 (PDF/A-1) (ISO 19005-1:2005/Cor 2:2011)
Document management – Electronic document file format for long-term preservation – Part 1: Use of PDF 1.4 (PDF/A-1) (ISO 19005-1:2005/Cor 2:2011)

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

HRN EN 16147:2017/Ispr.1:2017 en pr
Dizalice topline s kompresorima na električni pogon – Ispitivanje, ocjenjivanje značajka i zahtjevi za označavanje uređaja za pripremu potrošne tople vode (EN 16147:2017/AC:2017)
Heat pumps with electrically driven compressors – Testing, performance rating and requirements for marking of domestic hot water units (EN 16147:2017/AC:2017)

HZN/TO 108, *Mehaničke vibracije i udari*

HRN EN ISO 8041-1:2017 en pr
Reakcija ljudskog tijela na vibracije – Mjerni instrumenti – 1. dio: Mjerači vibracija opće namjene (ISO 8041-1:2017; EN ISO 8041-1:2017)
Human response to vibration – Measuring instrumentation – Part 1: General purpose vibration meters (ISO 8041-1:2017; EN ISO 8041-1:2017)

HRN EN ISO 28927-1:2010/A1:2017 en pr
Ručni prijenosni strojni alati – Ispitne metode za procjenu emisije vibracija – 1. dio: Kutne i vertikalne brusilice – Amandman 1: Konusne žičane četke (ISO 28927-1:2009/Amd 1:2017; EN ISO 28927-1:2009/A1:2017)
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 1: Angle and vertical grinders – Amendment 1: Cupped wire brushes (ISO 28927-1:2009/Amd 1:2017; EN ISO 28927-1:2009/A1:2017)

HZN/TO 130, *Grafička tehnologija*

HRN ISO 12640-2:2014/Ispr.1:2017 en pr
Grafička tehnologija – Izmjena digitalnih podataka u grafičkoj pripremi – 2. dio: XYZ/sRGB kodni standard za kolorne slikovne podatke (XYZ/SCID) (ISO 12640-2:2004/Cor 1:2008)
Graphic technology – Prepress digital data exchange – Part 2: XYZ/sRGB encoded standard colour image data (XYZ/SCID) (ISO 12640-2:2004/Cor 1:2008)

HZN/TO 145, *Grafički simboli*

HRN EN ISO 7010:2013/A7:2017 en pr
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011/Amd 7:2016; EN ISO 7010:2012/A7:2017)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011/Amd 7:2016; EN ISO 7010:2012/A7:2017)

HZN/TO 146, *Kvaliteta zraka*

HRN EN 16913:2017 en pr
Vanjski zrak – Standardna metoda mjerenja NO₃⁻, SO₄²⁻, Cl⁻, NH₄⁺, Na⁺, K⁺, Mg²⁺, Ca²⁺ u lebdećim česticama PM_{2,5} sakupljenim taloženjem na filtrima (EN 16913:2017)
Ambient air – Standard method for measurement of NO₃⁻, SO₄²⁻, Cl⁻, NH₄⁺, Na⁺, K⁺, Mg²⁺, Ca²⁺ in PM_{2,5} as deposited on filters (EN 16913:2017)

HZN/TO 147, *Kvaliteta vode*

HRN EN ISO 5667-16:2017 en pr
Kvaliteta vode – Uzorkovanje – 16. dio: Upute za biološko ispitivanje uzoraka (ISO 5667-16:2017; EN ISO 5667-16:2017)
Water quality – Sampling – Part 16: Guidance on biotesting of samples (ISO 5667-16:2017; EN ISO 5667-16:2017)

HZN/TO 159, *Ergonomija*

HRN EN ISO 9241-333:2017 en pr
Ergonomija interakcije čovjek-sustav – Dio 333: Stereoskopski prikazi dobiveni uz upotrebu naočala (ISO 9241-333:2017; EN ISO 9241-333:2017)
Ergonomics of human-system interaction – Part 333: Stereoscopic displays using glasses (ISO 9241-333:2017; EN ISO 9241-333:2017)

HRN EN ISO/IEC 25063:2017 en pr
Sustavi i programsko inženjerstvo – Sustavi i zahtjevi za kvalitetu programske podrške i vrednovanje (SQuaRE) – Zajednički industrijski format (CIF) za uporabljivost: Opis konteksta uporabe (ISO/IEC 25063:2014; EN ISO/IEC 25063:2017)
Systems and software engineering – Systems and software product Quality Requirements and Evaluation (SQuaRE) – Common Industry Format (CIF) for usability: Context of use description (ISO/IEC 25063:2014; EN ISO/IEC 25063:2017)

HRN EN ISO/IEC 25064:2017 en pr
Sustavi i programsko inženjerstvo – Zahtjevi za kvalitetu programske podrške i vrednovanje (SQuaRE) – Zajednički industrijski format (CIF) za uporabljivost: Izvještaj o potrebama korisnika (ISO/IEC 25064:2013; EN ISO/IEC 25064:2017)
Systems and software engineering – Software product Quality Requirements and Evaluation (SQuaRE) – Common Industry Format (CIF) for usability: User needs report (ISO/IEC 25064:2013; EN ISO/IEC 25064:2017)

HZN/TO 172, *Optika i optički instrumenti*

HRN EN ISO 10939:2017 en pr
Oftalmološki instrumenti – Mikroskopi s procjepnom svjetiljkom (ISO 10939:2017; EN ISO 10939:2017)
Ophthalmic instruments – Slit-lamp microscopes (ISO 10939:2017; EN ISO 10939:2017)

HRN ISO 20711:2017 en pr
Optika i fotonika – Zahtjevi s obzirom na okoliš – Zahtjevi za ispitivanje teleskopskih sustava (ISO 20711:2017)
Optics and photonics – Environmental requirements – Test requirements for telescopic systems (ISO 20711:2017)

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

HRN EN 1272:2017 en pr
Proizvodi za dojenčad i malu djecu – Stolci koji se pričvršćuju na stol – Sigurnosni zahtjevi i metode ispitivanja (EN 1272:2017)
Child care articles – Table mounted chairs – Safety requirements and test methods (EN 1272:2017)

HZN/TO 182, *Geotehničke konstrukcije*

HRN EN ISO 22476-11:2017 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 11. dio: Ispitivanje plosnatim dilatometrom (ISO 22476-11:2017; EN ISO 22476-11:2017)
Geotechnical investigation and testing – Field testing – Part 11: Flat dilatometer test (ISO 22476-11:2017; EN ISO 22476-11:2017)

HZN/TO 215, *Medicinska informatika*

HRN EN ISO 11073-10417:2017 en pr
Medicinska informatika – Povezivost osobnoga medicinskog uređaja – 10417. dio: Specijalni uređaji – Mjerač glukoze (ISO/IEEE 11073-10417:2017; EN ISO 11073-10417:2017)
Health informatics – Personal health device communication – Part 10417: Device specialization – Glucose meter (ISO/IEEE 11073-10417:2017; EN ISO 11073-10417:2017)

HZN/TO 219, *Podne obloge*

HRN EN 16810:2017 en pr
Elastične, tekstilne i laminatne podne obloge – Izjave zaštite okoliša – Pravila za razvrstavanje proizvoda (EN 16810:2017)
Resilient, textile and laminate floor coverings – Environmental product declarations – Product category rules (EN 16810:2017)

HZN/TO 238, *Čvrsta biogoriva*

HRN EN ISO 14780:2017 en pr
Čvrsta biogoriva – Priprema uzoraka (ISO 14780:2017; EN ISO 14780:2017)
Solid biofuels – Sample preparation (ISO 14780:2017; EN ISO 14780:2017)

HRN EN ISO 18125:2017 en pr
Čvrsta biogoriva – Određivanje ogrjevne vrijednosti (ISO 18125:2017; EN ISO 18125:2017)
Solid biofuels – Determination of calorific value (ISO 18125:2017; EN ISO 18125:2017)

HRN EN ISO 19743:2017 en pr
Čvrsta biogoriva – Određivanje sadržaja teških stranih materijala većih od 3,15 mm (ISO 19743:2017; EN ISO 19743:2017)
Solid biofuels – Determination of content of heavy extraneous materials large than 3,15 mm (ISO 19743:2017; EN ISO 19743:2017)

HZN/TO 503, *Metalni materijali*

HRN EN 10270-1:2017 en pr
Čelična žica za opruge – 1. dio: Patentirana hladno vučena žica od nelegiranog čelika za opruge (EN 10270-1:2011+A1:2017)
Steel wire for mechanical springs – Part 1: Patented cold drawn unalloyed spring steel wire (EN 10270-1:2011+A1:2017)

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

HRN EN ISO 14713-1:2017 en pr
Cinkove prevlake – Smjernice i preporuke za zaštitu od korozije konstrukcija iz željeznog lijeva i čelika – 1. dio: Opća načela projektiranja i korozijske otpornosti (ISO 14713-1:2017; EN ISO 14713-1:2017)
Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 1: General principles of design and corrosion resistance (ISO 14713-1:2017; EN ISO 14713-1:2017)

HZN/TO 513, *Mjerne jedinice i mjerila*

HRN EN ISO 4064-1:2017 en pr
Vodomjeri za hladnu pitku vodu i vruću vodu – 1. dio: Mjeriteljski i tehnički zahtjevi (ISO 4064-1:2014; EN ISO 4064-1:2017)
Water meters for cold potable water and hot water – Part 1: Metrological and technical requirements (ISO 4064-1:2014; EN ISO 4064-1:2017)

HRN EN ISO 4064-2:2017 en pr
Vodomjeri za hladnu pitku vodu i vruću vodu – 2. dio: Metode ispitivanja (ISO 4064-2:2014; EN ISO 4064-2:2017)
Water meters for cold potable water and hot water – Part 2: Test methods (ISO 4064-2:2014; EN ISO 4064-2:2017)

HRN EN ISO 4064-5:2017 en pr
Vodomjeri za hladnu pitku vodu i vruću vodu – 5. dio: Zahtjevi za ugradnju (ISO 4064-5:2014; EN ISO 4064-5:2017)
Water meters for cold potable water and hot water – Part 5: Installation requirements (ISO 4064-5:2014; EN ISO 4064-5:2017)

HZN/TO 524, Inteligentni transportni sustavi

HRN EN ISO 14823:2017 en pr
Inteligentni transportni sustavi – Rječnik grafičkih podataka (ISO 14823:2017; EN ISO 14823:2017)
Intelligent transport systems – Graphic data dictionary (ISO 14823:2017; EN ISO 14823:2017)

HZN/TO 528, Oprema za željeznice

HRN EN 13146-5:2012/Ispr.1:2017 en pr
Željeznički sustav – Željeznički gornji ustroj – Ispitne metode za kolosiječni pričvrtni pribor – 5. dio: Određivanje električnoga otpora (EN 13146-5:2012/AC:2017)
Railway applications – Track – Test methods for fastening systems – Part 5: Determination of electrical resistance (EN 13146-5:2012/AC:2017)

HRN EN 13674-1:2017 en pr
Željeznički sustav – Željeznički gornji ustroj – Tračnica – 1. dio: Vignoleove željezničke tračnice mase 46 kg/m i više (EN 13674-1:2011+A1:2017)
Railway applications – Track – Rail – Part 1: Vignole railway rails 46 kg/m and above (EN 13674-1:2011+A1:2017)

HRN EN 14033-1:2017 en pr
Željeznički sustav – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 1. dio: Tehnički zahtjevi za vožnju (EN 14033-1:2017)
Railway applications – Track – Railbound construction and maintenance machines – Part 1: Technical requirements for running (EN 14033-1:2017)

HRN EN 14033-2:2017 en pr
Željeznički sustav – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 2. dio: Tehnički zahtjevi za prijevoz i rad (EN 14033-2:2017)
Railway applications – Track – Railbound construction and maintenance machines – Part 2: Technical requirements for travelling and working (EN 14033-2:2017)

HRN EN 14033-3:2017 en pr
Željeznički sustav – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 3. dio: Opći sigurnosni zahtjevi (EN 14033-3:2017)
Railway applications – Track – Railbound construction and maintenance machines – Part 3: General safety requirements (EN 14033-3:2017)

HZN/TO 531, Plastika i guma

HRN EN ISO 4589-1:2017 en pr
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 1. dio: Smjernice (ISO 4589-1:2017; EN ISO 4589-1:2017)
Plastics – Determination of burning behaviour by oxygen index – Part 1: General requirements (ISO 4589-1:2017; EN ISO 4589-1:2017)

HRN EN ISO 4589-2:2017 en pr
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 2. dio: Ispitivanje pri sobnoj temperaturi (ISO 4589-2:2017; EN ISO 4589-2:2017)
Plastics – Determination of burning behaviour by oxygen index – Part 2: Ambient-temperature test (ISO 4589-2:2017; EN ISO 4589-2:2017)

HRN EN ISO 4589-3:2017 en pr
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 3. dio: Ispitivanje pri povišenoj temperaturi (ISO 4589-3:2017; EN ISO 4589-3:2017)
Plastics – Determination of burning behaviour by oxygen index – Part 3: Elevated-temperature test (ISO 4589-3:2017; EN ISO 4589-3:2017)

HRN EN 13100-1:2017 en pr
Nerazorno ispitivanje zavarenih spojeva u plastomernim poluproizvodima – 1. dio: Vizualno ispitivanje (EN 13100-1:2017)
Non destructive testing of welded joints of thermoplastics semi-finished products – Part 1: Visual examination (EN 13100-1:2017)

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

HRN EN ISO 25178-72:2017 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Ploštinska – 72. dio: x3p format XML datoteke (ISO 25178-72:2017; EN ISO 25178-72:2017)
Geometrical product specifications (GPS) – Surface texture: Areal – Part 72: XML file format x3p (ISO 25178-72:2017; EN ISO 25178-72:2017)

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

HRN EN 12098-3:2017 en pr
Energijska svojstva zgrada – Upravljanje sustavima grijanja – 3. dio: Oprema za upravljanje sustavima električnog grijanja – Moduli M3-5,6,7,8 (EN 12098-3:2017)
Energy Performance of Buildings – Controls for heating systems – Part 3: Control equipment for electrical heating systems – Modules M3-5,6,7,8 (EN 12098-3:2017)

HRN EN 12098-5:2017 en pr
Energijska svojstva zgrada – Upravljanje sustavima grijanja – 5. dio: Raspored pokretanja i zaustavljanja sustava grijanja – Moduli M3-5,6,7,8 (EN 12098-5:2017)
Energy Performance of Buildings – Controls for heating systems – Part 5: Start-stop schedulers for heating systems – Modules M3-5,6,7,8 (EN 12098-5:2017)

HRN EN 15232-1:2017 en pr
Energijska svojstva zgrada – 1. dio: Utjecaj automatizacije zgrada, upravljanja i upravljanja zgradama – Moduli M10-4, 5, 6, 7, 8, 9, 10 (EN 15232-1:2017)
Energy performance of buildings – Part 1: Impact of Building Automation, Controls and Building Management – Modules M10-4,5,6,7,8,9,10 (EN 15232-1:2017)

HRN EN 15316-4-10:2017 en pr
Energijska svojstva zgrada – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – Dio 4-10: Vjetrogeneratori, Modul M11-8-7 (EN 15316-4-10:2017)
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-10: Wind power generation systems, Module M11-8-7 (EN 15316-4-10:2017)

HRN EN 15316-4-1:2017 en pr
Energijska svojstva zgrada – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – Dio: 4-1: Sustavi koji stvaraju toplinu za grijanje prostora i za pripremu potrošne tople vode, sustavi izgaranja (kotlovi, biomasa), Moduli M3-8-1, M8-8-1 (EN 15316-4-1:2017)
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-1: Space heating and DHW generation systems, combustion systems (boilers, biomass), Module M3-8-1, M8-8-1 (EN 15316-4-1:2017)

HRN EN 15316-4-5:2017 en pr
Energijska svojstva zgrada – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – Dio 4-5: Daljinsko grijanje i hlađenje, Moduli M3-8-5, M4-8-5, M8-8-5, M11-8-5 (EN 15316-4-5:2017)
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-5: District heating and cooling, Module M3-8-5, M4-8-5, M8-8-5, M11-8-5 (EN 15316-4-5:2017)

HRN EN 15316-5:2017 en pr
Energijska svojstva zgrada – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – 5. dio: Sustavi za akumulaciju topline pri grijanju prostora i pripremi potrošne tople vode (bez hlađenja), M3-7, M8-7 (EN 15316-5:2017)
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 5: Space heating and DHW storage systems (not cooling), M3-7, M8-7 (EN 15316-5:2017)

HRN EN 15459-1:2017 en pr
Energijska svojstva zgrada – Postupak ekonomske ocjene za energetske sustave u zgradama – 1. dio: Postupak proračuna, Modul M1-14 (EN 15459-1:2017)
Energy performance of buildings – Economic evaluation procedure for energy systems in buildings – Part 1: Calculation procedures, Module M1-14 (EN 15459-1:2017)

HRN EN 15500-1:2017 en pr
Energjska svojstva zgrada – Upravljanje uređajima za grijanje, ventilaciju i klimatizaciju – 1. dio: Elektronička oprema za upravljanje pojedinačnim zonama – Moduli M3-5, M4-5, M5-5 (EN 15500-1:2017)
Energy Performance of Buildings – Control for heating, ventilating and air conditioning applications – Part 1: Electronic individual zone control equipment – Modules M3-5, M4-5, M5-5 (EN 15500-1:2017)

HRN EN 16798-5-1:2017 en pr
Energjska svojstva zgrada – Ventilacija u zgradama – Dio 5-1: Metode proračuna energijskih zahtjeva sustava ventilacije i klimatizacije (Moduli M5-6; M5-8; M6-5; M6-8; M7-5; M7-8) – Metoda 1: Distribucija i proizvodnja (EN 16798-5-1:2017)
Energy performance of buildings – Ventilation for buildings – Part 5-1: Calculation methods for energy requirements of ventilation and air conditioning systems (Modules M5-6; M5-8; M6-5; M6-8; M7-5; M7-8) – Method 1: Distribution and generation (EN 16798-5-1:2017)

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 16883:2017 en pr
Očuvanje kulturne baštine – Smjernice za poboljšanje energijskih svojstava povijesnih zgrada (EN 16883:2017)
Conservation of cultural heritage – Guidelines for improving the energy performance of historic buildings (EN 16883:2017)

HZN/TO 555, Medicinski proizvodi

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

HRN EN ISO/IEC 80369-7:2017 en pr
Spojnici malog promjera za tekućine i plinove za primjenu u zdravstvu – 7. dio: Spojnici za intravaskularnu ili potkožnu primjenu (ISO 80369-7:2016, ispravljena verzija 2016-12-01; EN ISO 80369-7:2017)
Small-bore connectors for liquids and gases in healthcare applications – Part 7: Connectors for intravascular or hypodermic applications (ISO 80369-7:2016, Corrected version 2016-12-01; EN ISO 80369-7:2017)

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

HRN EN 1442:2017 en pr
Oprema i pribor za UNP – Prenosive, ponovno punjive, zavarene, čelične boce za UNP – Projektiranje i izrada (EN 1442:2017)
LPG equipment and accessories – Transportable refillable welded steel cylinders for LPG – Design and construction (EN 1442:2017)

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

HRN EN ISO 11290-1:2017 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti i određivanje broja *Listeria monocytogenes* i drugih *Listeria* spp. – 1. dio: Metoda dokazivanja prisutnosti (ISO 11290-1:2017; EN ISO 11290-1:2017)
Microbiology of the food chain – Horizontal method for the detection and enumeration of *Listeria monocytogenes* and other *Listeria* spp. – Part 1: Detection method (ISO 11290-1:2017; EN ISO 11290-1:2017)

HRN EN ISO 11290-2:2017 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti i određivanje broja *Listeria monocytogenes* i drugih *Listeria* spp. – 2. dio: Metoda određivanja broja (ISO 11290-2:2017; EN ISO 11290-2:2017)
Microbiology of the food chain – Horizontal method for the detection and enumeration of *Listeria monocytogenes* and of *Listeria* spp. – Part 2: Enumeration method (ISO 11290-2:2017; EN ISO 11290-2:2017)

HRN EN 16852:2017 en pr
Hrana – Određivanje etil karbamata u alkoholnim pićima od koštunjicaovog voća, alkoholnim pićima od voćne kome i ostalim alkoholnim pićima – GC-MS metoda (EN 16852:2017)
Foodstuffs – Determination of ethyl carbamate in stone fruit spirits, fruit marc spirits and other spirit drinks – GC-MS method (EN 16852:2017)

HRN EN 16858:2017 en pr
Hrana – Određivanje melamina i cijanurne kiseline u hrani tekućinskom kromatografijom i tandemskom spektrometrijom masa (LC-MS/MS) (EN 16858:2017)
Foodstuffs – Determination of melamine and cyanuric acid in foodstuffs by liquid chromatography and tandem mass spectrometry (LC-MS/MS) (EN 16858:2017)

HRN EN 16923:2017 en pr
Hrana – Određivanje T-2 i HT-2 toksina u žitaricama i hrani na bazi žitarica za dojenčad i malu djecu upotrebom LC-MS/MS nakon SPE pročišćavanja (EN 16923:2017)
Foodstuffs – Determination of T-2 toxin and HT-2 toxin in cereals and cereal products for infants and young children by LC-MS/MS after SPE cleanup (EN 16923:2017)

HRN EN 16924:2017 en pr
Hrana – Određivanje zearalenona u jestivim biljnim uljima pomoću LC-FLD ili LC-MS/MS (EN 16924:2017)
Foodstuffs – Determination of zearalenone in edible vegetable oils by LC-FLD or LC-MS/MS (EN 16924:2017)

HRN EN 16943:2017 en pr
Hrana – Određivanje kalcija, bakra, željeza, magnezija, mangana, fosfora, kalija, natrija, sumpora i cinka ICP-OES-om (EN 16943:2017)
Foodstuffs – Determination of calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium, sulfur and zinc by ICP-OES (EN 16943:2017)

HRN EN 16995:2017 en pr
Hrana – Biljna ulja i hrana na bazi biljnih ulja – Određivanje zasićenih ugljikovodika iz mineralnih ulja (MOSH) i aromatskih ugljikovodika iz mineralnih ulja (MOAH) HPLC-GC-FID analizom u liniji (EN 16995:2017)
Foodstuffs – Vegetable oils and foodstuff on basis of vegetable oils – Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with on-line HPLC-GC-FID analysis (EN 16995:2017)

HZN/TO 569, Hrana za životinje

HRN EN 16936:2017 en pr
Hrana za životinje: Metode uzorkovanja i analize – Provjera antibiotikatozina, virginijamicina, spiramicina, cink-bacitracina i avoparcina na razini nižoj od aditiva u krmnim smjesama mikrobiološkim postupkom ploče (EN 16936:2017)
Animal feeding stuffs: Methods of sampling and analysis – Screening on the antibiotics tylosin, virginiamycin, spiramycin, bacitracin-zinc and avoparcin at sub-additive levels in compound feed by a microbiological plate test (EN 16936:2017)

HZN/TO E11, Nadzemni vodovi

HRN EN 50341-2-9:2017 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV – Dio 2-9: Nacionalni normativni aspekti (NNA) za Veliku Britaniju i Sjevernu Irsku (na temelju EN 50341-1:2012) (EN 50341-2-9:2017)
Overhead electrical lines exceeding AC 1 kV – Part 2-9: National Normative Aspects (NNA) for Great Britain and Northern Ireland (based on EN 50341-1:2012) (EN 50341-2-9:2017)

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

HRN EN 62054-21:2008/A1:2017 en pr
Mjerenje električne energije (izmjenična struja) – Upravljanje tarifom i potrošnjom – 21. dio: Posebni zahtjevi za sklopne satove (IEC 62054-21:2004/am1:2017; EN 62054-21:2004/A1:2017)
Electricity metering (AC) – Tariff and load control – Part 21: Particular requirements for time switches (IEC 62054-21:2004/am1:2017; EN 62054-21:2004/A1:2017)

HZN/TO E20, Električni kabeli

HRN EN 50620:2017 en pr
Električni kabeli – Kabeli za punjenje električnih vozila
(EN 50620:2017)
Electric cables – Charging cables for electric vehicles
(EN 50620:2017)

HZN/TO E56, Pouzdanost

HRN EN 60300-3-3:2017 en pr
Upravljanje pouzdanošću – Dio 3-3: Upute za primjenu
– Troškovi životnog vijeka (IEC 60300-3-3:2017;
EN 60300-3-3:2017)
Dependability management – Part 3-3: Application guide
– Life cycle costing (IEC 60300-3-3:2017; EN 60300-3-3:2017)

HRN EN 61709:2017 en pr
Električne komponente – Pouzdanost – Referentni uvjeti
za učestalosti kvara i modele napreznja (IEC 61709:2017;
EN 61709:2017)
Electric components – Reliability – Reference conditions
for failure rates and stress models for conversion
(IEC 61709:2017; EN 61709:2017)

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

HRN HD 60364-7-718:2014/A11:2017 en pr
Niskonaponske električne instalacije – Dio 7-718: Zahtjevi
za posebne instalacije ili prostore – Javne ustanove i mjesta
rada (HD 60364-7-718:2013/A11:2017)
Low-voltage electrical installations – Part 7-718: Requirements
for special installations or locations – Communal facilities and
workplaces (HD 60364-7-718:2013/A11:2017)

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

HRN EN 62714-3:2017 en pr
Format razmjene tehničkih podataka za uporabu u
upravljanju industrijskim automatizacijskim sustavima – Viši
jezik automatizacije (AutomationML) – 3. dio: Geometrija i
kinematika (IEC 62714-3:2017; EN 62714-3:2017)
Engineering data exchange format for use in industrial
automation systems engineering – Automation
Markup Language – Part 3: Geometry and kinematics
(IEC 62714-3:2017; EN 62714-3:2017)

HZN/TO E79, Alarmni sustavi

HRN EN 50131-1:2007/A2:2017 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi
– 1. dio: Zahtjevi za sustave (EN 50131-1:2006/A2:2017)
Alarm systems – Intrusion and hold-up systems – Part 1:
System requirements (EN 50131-1:2006/A2:2017)

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

HRN EN 62287-2:2017 en pr
Pomorska navigacijska i radiokomunikacijska oprema i
sustavi – Brodska oprema razreda B sustava automatske
identifikacije (AIS) – 2. dio: Tehnike samoorganizirajućeg
višestrukog pristupa s vremenskom podjelom
(IEC 62287-2:2017; EN 62287-2:2017)
Maritime navigation and radiocommunication equipment and
systems – Class B shipborne equipment of the automatic
identification system (AIS) – Part 2: Self-organising
time division multiple access (SOTDMA) techniques
(IEC 62287-2:2017; EN 62287-2:2017)

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

HRN EN 60728-11:2017 en pr
Kabelske mreže za televizijske signale, zvučne signale
i usluge uzajamnog djelovanja – 11. dio: Sigurnost
(IEC 60728-11:2016; EN 60728-11:2017)
Cable networks for television signals, sound signals and
interactive services – Part 11: Safety (IEC 60728-11:2016;
EN 60728-11:2017)

HRN EN 60728-101:2017 en pr
Cable networks for television signals, sound signals and
interactive services – Part 101: System performance of
forward paths loaded with digital channels only (TA/5)
(IEC 60728-101:2016; EN 60728-101:2017)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55016-1-5:2015/A1:2017 en pr
Specifikacija uređaja i metoda za mjerenje radiosmetnja
i otpornosti – Dio 1-5: Uređaji za mjerenje radiosmetnja i
otpornosti – Lokacije za umjeravanje antena i referentna
ispitivanja za frekvencije od 5 MHz do 18 GHz
(CISPR 16-1-5:2014/am1:2016; EN 55016-1-5:2015/A1:2017)
Specification for radio disturbance and immunity measuring
apparatus and methods – Part 1-5: Radio disturbance
and immunity measuring apparatus – Antenna calibration
sites and reference test sites for 5 MHz to 18 GHz
(CISPR 16-1-5:2014/am1:2016; EN 55016-1-5:2015/A1:2017)

HRN EN 55016-1-6:2015/A1:2017 en pr
Specifikacija uređaja i metoda za mjerenje radiosmetnja i
otpornosti – Dio 1-6: Uređaji za mjerenje radiosmetnja i otpornosti
– EMC umjeravanje antena (CISPR 16-1-6:2014/am1:2017;
EN 55016-1-6:2015/A1:2017)
Specification for radio disturbance and immunity measuring
apparatus and methods – Part 1-6: Radio disturbance and
immunity measuring apparatus – EMC antenna calibration
(CISPR 16-1-6:2014/am1:2017; EN 55016-1-6:2015/A1:2017)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRN EN 50174-3:2013/A1:2017 en pr
Informacijska tehnologija – Instalacija kabliranja – 3. dio:
Planiranje instalacije i instalacijska praksa izvan zgrada
(EN 50174-3:2013/A1:2017)
Information technology – Cabling installation – Part 3:
Installation planning and practices outside buildings
(EN 50174-3:2013/A1:2017)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 065 V2.1.1:2017 en pr
Uskopojasna telegrafaska oprema izravnog ispisa za
primanje meteoroloških i navigacijskih informacija (NAVTEX)
– Harmonizirana norma koja obuhvaća bitne
zahtjeve iz članaka 3.2 i 3.3(g) direktive 2014/53/EU
(EN 300 065 V2.1.1:2016)
Narrow-band direct-printing telegraph equipment for receiving
meteorological or navigational information (NAVTEX)
– Harmonised Standard covering the essential requirements
of articles 3.2 and 3.3(g) of the Directive 2014/53/EU
(EN 300 065 V2.1.1:2016)

HRN EN 300 422-4 V2.1.1:2017 en pr
Bežični mikrofoni – Audio PMSE do 3 GHz – 4. dio: Pomoćni
uređaji za slušanje uključujući osobna zvučna pojačala i
induktivne sustave do 3 GHz – Harmonizirana norma koja
obuhvaća bitne zahtjeve iz članaka 3.2 Direktive 2014/53/EU
(EN 300 422-4 V2.1.1:2017)
Wireless Microphones – Audio PMSE up to 3 GHz – Part 4:
Assistive Listening Devices including personal sound
amplifiers and inductive systems up to 3 GHz – Harmonised
Standard covering the essential requirements of article 3.2 of
Directive 2014/53/EU (EN 300 422-4 V2.1.1:2017)

HRN EN 301 178 V2.2.2:2017 en pr
Prijenosni radiotelefon vrlo visoke frekvencije (VHF) za
pomorsku pokretnu službu u VHF pojasi (samo za
primjene koje nisu GMDSS) – Harmonizirana norma koja
obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU
(EN 301 178 V2.2.2:2017)
Portable Very High Frequency (VHF) radiotelephone
equipment for the maritime mobile service operating in the
VHF bands (for non-GMDSS applications only) – Harmonised
Standard covering the essential requirements of article 3.2 of
Directive 2014/53/EU (EN 301 178 V2.2.2:2017)

HRN EN 301 428 V2.1.2:2017 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana
norma, koja obuhvaća bitne zahtjeve prema članku
3.2 Direktive R&TTE, za krajnje uređaje s vrlo malim
antenskim otvorom (VSAT) – Satelitske zemaljske postaje
samo za odašiljanje, za odašiljanje i prijam ili samo za
prijam koje rade u frekvencijskim pojasi 11/12/14 GHz
(EN 301 428 V2.1.2:2017)
Satellite Earth Stations and Systems (SES) – Harmonised
Standard for Very Small Aperture Terminal (VSAT) – Transmit-
only, transmit/receive or receive-only satellite earth stations
operating in the 11/12/14 GHz frequency bands covering the
essential requirements of article 3.2 of Directive 2014/53/EU
(EN 301 428 V2.1.2:2017)

HRN EN 301 893 V2.1.1:2017 en pr
5 GHz RLAN – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 301 893 V2.1.1:2017)
5 GHz RLAN – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 301 893 V2.1.1:2017)

HRN EN 302 217-1 V3.1.1:2017 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu točka-točka i antene – 1. dio: Opći prikaz i zajedničke karakteristike neovisne o sustavu (EN 302 217-1 V3.1.1:2017)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 1: Overview, common characteristics and system-dependent requirements (EN 302 217-1 V3.1.1:2017)

HRN EN 302 217-2 V3.1.1:2017 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu točka-točka i antene – 2. dio: Digitalni sustavi koji rade u frekvencijskim pojasi od 1,3 GHz do 86 GHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 302 217-2 V3.1.1:2017)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 2: Digital systems operating in frequency bands from 1,3 GHz to 86 GHz – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 302 217-2 V3.1.1:2017)

HRN EN 302 217-4 V2.1.1:2017 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene točka-točka – 4. dio: Antene (EN 302 217-4 V2.1.1:2017)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 4: Antennas (EN 302 217-4 V2.1.1:2017)

HRN EN 303 402 V2.1.1:2017 en pr
Pomorski pokretni odašiljači i prijamnici za uporabu u MF i HF pojasi – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 i 3.3(g) Direktive 2014/53/EU (EN 303 402 V2.1.1:2017)
Maritime mobile transmitters and receivers for use in the MF and HF bands – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU (EN 303 402 V2.1.1:2017)

HRN EN 303 405 V1.1.1:2017 en pr
Kopnena pokretna služba – Oprema za analogni i digitalni PMR446 – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 303 405 V1.1.1:2017)
Land Mobile Service – Analogue and Digital PMR446 Equipment – Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU (EN 303 405 V1.1.1:2017)

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

HRN EN ISO 3656:2011/A1:2017 en pr
Životinjske i biljne masti i ulja – Određivanje apsorbanacija u ultraljubičastom spektru izraženih kao specifična UV ekstinkcija (ISO 3656:2011/Amd 1:2017; EN ISO 3656:2011/A1:2017)
Animal and vegetable fats and oils – Determination of ultraviolet absorbance expressed as specific UV extinction (ISO 3656:2011/Amd 1:2017; EN ISO 3656:2011/A1:2017)

HRN EN 16935:2017 en pr
Proizvodi na biološkoj osnovi – Zahtjevi za komunikaciju s potrošačima i tvrdnje o proizvodu (EN 16935:2017)
Bio-based products – Requirements for Business-to-Consumer communication and claims (EN 16935:2017)

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

HRN EN ISO 1797:2017 en pr
Stomatologija – Dršci za rotirajuće i oscilirajuće instrumente (ISO 1797:2017; EN ISO 1797:2017)
Dentistry – Shanks for rotary and oscillating instruments (ISO 1797:2017; EN ISO 1797:2017)

HRN EN ISO 7787-3:2017 en pr
Stomatologija – Laboratorijski rezači – 3. dio: Rezači od volframova karbida za uređaje za freziranje (ISO 7787-3:2017; EN ISO 7787-3:2017)
Dentistry – Laboratory cutters – Part 3: Carbide cutters for milling machines (ISO 7787-3:2017; EN ISO 7787-3:2017)

HRN EN ISO 9873:2017 en pr
Stomatologija – Intraoralna ogledala (ISO 9873:2017; EN ISO 9873:2017)
Dentistry – Intra-oral mirrors (ISO 9873:2017; EN ISO 9873:2017)

HRN EN ISO 19715:2017 en pr
Stomatologija – Instrumenti za izradu ispuna za kolječnik (ISO 19715:2017; EN ISO 19715:2017)
Dentistry – Filling instruments with contra set (ISO 19715:2017; EN ISO 19715:2017)

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

HRN EN 4727:2017 en pr
Zrakoplovstvo – Normirane informacije o težini putničkog sjedala (EN 4727:2017)
Aerospace series – Standardized passenger seat weight information (EN 4727:2017)

HRN EN 4801:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Zakretna prirubnica s 3 otvora za pričvršćivanje, od čelika otpornog na toplinu – Nizovi u inčima (EN 4801:2017)
Aerospace series – Flange couplings – Swivel flange with 3 fastening holes, in heat resisting steel – Inch series (EN 4801:2017)

HRN EN 4802:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Zakretna prirubnica s 3 otvora za pričvršćivanje, od legure nikla – Nizovi u inčima (EN 4802:2017)
Aerospace series – Flange couplings – Swivel flange with 3 fastening holes, in nickel alloy – Inch series (EN 4802:2017)

HRN EN 4803:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Zakretna prirubnica s 4 otvora za pričvršćivanje, od čelika otpornog na toplinu – Nizovi u inčima (EN 4803:2017)
Aerospace series – Flange couplings – Swivel flange with 4 fastening holes, in heat resisting steel – Inch series (EN 4803:2017)

HRN EN 4807:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Spoj za zavarivanje, koljeno od 90°, od čelika otpornog na toplinu – Nizovi u inčima (EN 4807:2017)
Aerospace series – Flange couplings – Weld coupling, 90° elbow, in heat resisting steel – Inch series (EN 4807:2017)

HRN EN 4808:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Spoj za zavarivanje, koljeno od 90°, od legure nikla – Nizovi u inčima (EN 4808:2017)
Aerospace series – Flange couplings – Weld coupling, 90° elbow, in nickel alloy – Inch series (EN 4808:2017)

HRN EN 4811:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Brtva s fluorougličnom brtvom na aluminijskoj ploči s 4 otvora za pričvršćivanje – Nizovi u inčima (EN 4811:2017)
Aerospace series – Flange couplings – Gasket seal with fluorocarbon seal on aluminium plate with 4 fastening holes – Inch series (EN 4811:2017)

HRN EN 4812:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Brtva s brtvom u obliku slova C od legure nikla na toplinski otpornoj čeličnoj ploči s 4 otvora za pričvršćivanje – Nizovi u inčima (EN 4812:2017)
Aerospace series – Flange couplings – Gasket seal with nickel alloy C seal on heat resisting steel plate with 4 fastening holes – Inch series (EN 4812:2017)

HRN EN 4813:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Poklopac, od čelika otpornog na toplinu – Nizovi u inčima (EN 4813:2017)
Aerospace series – Flange couplings – Cap, in heat resisting steel – Inch series (EN 4813:2017)

HRN EN 4814:2017 en pr
Zrakoplovstvo – Prirubnički spojevi do 21 000 kPa – Tehnička specifikacija – Nizovi u inčima (EN 4814:2017)
Aerospace series – Flange couplings up to 21 000 kPa – Technical specification – Inch series (EN 4814:2017)

HRN EN 4816:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Brtva s brtvom u obliku slova C od legure nikla – Tehnička specifikacija – Nizovi u inčima (EN 4816:2017)
Aerospace series – Flange couplings – Gasket seal with nickel alloy C seal – Technical specification – Inch series (EN 4816:2017)

HRN EN 12312-12:2017 en pr
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 12. dio: Oprema za opskrbu pitkom vodom (EN 12312-12:2017)
Aircraft ground support equipment – Specific requirements – Part 12: Potable water service equipment (EN 12312-12:2017)

HRN EN 12312-13:2017 en pr
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 13. dio: Oprema za održavanje toaleta (EN 12312-13:2017)
Aircraft ground support equipment – Specific requirements – Part 13: Lavatory service equipment (EN 12312-13:2017)

HZN/TU U1, Opća elektrotehnika 1

HRN EN 60695-1-30:2017 en pr
Ispitivanje opasnosti od požara – Dio 1-30: Upute za procjenu opasnosti od požara za elektrotehničke proizvode – Postupak preSelekcijskog ispitivanja – Opće smjernice (IEC 60695-1-30:2017; EN 60695-1-30:2017)
Fire hazard testing – Part 1-30: Guidance for assessing the fire hazard of electrotechnical products – Preselection testing process – General guidelines (IEC 60695-1-30:2017; EN 60695-1-30:2017)

HZN/TU V1, Elektronika 1

HRN EN 60747-16-1:2008/A2:2017 en pr
Semiconductor devices – Part 16-1: Microwave integrated circuits – Amplifiers (IEC 60747-16-1:2001/am2:2017; EN 60747-16-1:2002/A2:2017)

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

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

HRN EN 60793-2-70:2017 en pr
Optical fibre – Part 2-70: Product specifications – Sectional specifications for polarization-maintaining fibres (IEC 60793-2-70:2017; EN 60793-2-70:2017)

HRN EN 61340-5-1:2016/Ispr.1:2017 en pr
Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements (IEC 61340-5-1:2016/Corr.1:2017; EN 61340-5-1:2016/AC:2017)

HRN EN 61724-1:2017 en pr
Photovoltaic system performance – Part 1: Monitoring (IEC 61724-1:2017; EN 61724-1:2017)

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

HRN EN 62670-3:2017 en pr
Photovoltaic concentrators (CPV) – Performance testing – Part 3: Performance measurements and power rating (IEC 62670-3:2017; EN 62670-3:2017)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 60143-1:2015/Ispr.1:2017 en pr
Serijski kondenzatori za energetske sustave – 1. dio: Općenito (IEC 60143-1:2015/Corr.1:2017; EN 60143-1:2015/AC:2017)
Series capacitors for power systems – Part 1: General (IEC 60143-1:2015/Corr.1:2017; EN 60143-1:2015/AC:2017)

HRN EN 61951-1:2017 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sekundarni zapečaćeni članci i baterije za primjenu u prijenosnim uređajima – 1. dio: Nikal-kadmij (IEC 61951-1:2017; EN 61951-1:2017)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 1: Nickel cadmium (IEC 61951-1:2017; EN 61951-1:2017)

HRN EN 61960-3:2017 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sekundarni litijevi članci i baterije za primjenu u prijenosnim uređajima – 3. dio: Prizmatični i cilindrični litijevi sekundarni članci i baterije napravljene od njih (IEC 61960-3:2017; EN 61960-3:2017)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for portable applications – Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them (IEC 61960-3:2017; EN 61960-3:2017)

HRN EN 62133-1:2017 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sigurnosni zahtjevi za prijenosne zapečaćene sekundarne članke i baterije napravljene od njih, za primjenu u prijenosnim uređajima – 1. dio: Sustavi s niklom (IEC 62133-1:2017; EN 62133-1:2017)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 1: Nickel systems (IEC 62133-1:2017; EN 62133-1:2017)

HRN EN 62133-2:2017 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sigurnosni zahtjevi za prijenosne zapečaćene sekundarne članke i baterije napravljene od njih, za primjenu u prijenosnim uređajima – 2. dio: sustavi s litijem (IEC 62133-2:2017; EN 62133-2:2017)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems (IEC 62133-2:2017; EN 62133-2:2017)

HRN EN 62619:2017 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sigurnosni zahtjevi za sekundarne litijeve članke i baterije velikog formata za primjenu u industriji (IEC 62619:2017; EN 62619:2017)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for large format secondary lithium cells and batteries for use in industrial applications (IEC 62619:2017; EN 62619:2017)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma. Pisane primjedbe na prijedloge za prihvaćanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 6, Papir, karton i pulpe

prEN 1104 en
Paper and board intended to come into contact with foodstuffs – Determination of the transfer of antimicrobial constituents
Papir i karton koji dolaze u kontakt s prehranbenim proizvodima – Određivanje prijenosa antimikrobnih sastojaka

HZN/TO 22, *Cestovna vozila*

- ISO 2575:2010/Amd 5:2016 en
Road vehicles – Symbols for controls, indicators and tell-tales
Cestovna vozila – Simboli za upravljačke naprave, indikatore i pokazne svjetiljke
- ISO 3536:2016 en
Road vehicles – Safety glazing materials – Vocabulary
Cestovna vozila – Materijali za sigurnosno ostakljenje – Rječnik
- ISO 6460-1:2007/Amd 1:2015 en
Motorcycles – Measurement method for gaseous exhaust emissions and fuel consumption – Part 1: General test requirements
Motocikli – Metoda mjerenja emisija ispušnih plinova i potrošnje goriva – 1. dio: Opći ispitni zahtjevi
- ISO 6460-3:2007/Amd 1:2015 en
Motorcycles – Measurement method for gaseous exhaust emissions and fuel consumption – Part 1: General test requirements
Motocikli – Metoda mjerenja emisija ispušnih plinova i potrošnje goriva – 3. dio: Mjerenje potrošnje goriva pri konstantnoj brzini
- ISO 7637-3:2016 en
Road vehicles – Electrical disturbances from conduction and coupling – Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprežanjem – Prijenos električnih tranzijentna kapacitivnim ili induktivnim sprežanjem vodovima koji nisu namijenjeni napajanju
- ISO 11452-3:2016 en
Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 3: Transverse electromagnetic (TEM) cell
Cestovna vozila – Metode ispitivanja sastavnica na električne smetnje od uskopojasnoga zračenja elektromagnetske energije – 3. dio: Transverzalna elektromagnetska (TEM) komora
- ISO 14230-2:2016 en
Road vehicles – Diagnostic communication over K-Line (DoK-Line) – Part 2: Data link layer
Cestovna vozila – Dijagnostička veza preko K-linije (DoK-Line) – 2. dio: Sloj podatkovne veze
- FprEN ISO 14469 en
Road vehicles – Compressed natural gas (CNG) refuelling connector (ISO 14469:2017)
Cestovna vozila – Priključak za punjenje stlačenim prirodnim plinom (SPP) (ISO 14469:2017)
- ISO 15082:2016 en
Road vehicles – Tests for rigid plastic safety glazing materials
Cestovna vozila – Ispitivanja sigurnosnih stakala od krute plastike
- ISO 15501-1:2016 en
Road vehicles – Compressed natural gas (CNG) fuel systems – Part 1: Safety requirements
Cestovna vozila – Sustavi za opskrbu stlačenim prirodnim plinom (SPP) – 1. dio: Sigurnosni zahtjevi
- ISO 15501-2:2016 en
Road vehicles – Compressed natural gas (CNG) fuel systems – Part 2: Test methods
Cestovna vozila – Sustavi za opskrbu vozila stlačenim prirodnim plinom, ugrađeni na vozilo – 2. dio: Metode ispitivanja
- ISO 16845-1:2016 en
Road vehicles – Controller area network (CAN) conformance test plan – Part 1: Data link layer and physical signalling
Cestovna vozila – Postupak provjere usklađenosti regulatora mrežnog područja (CAN) – 1. dio: Sloj podatkovne mreže i fizička signalizacija

ISO 16845-2:2014 en
Road vehicles – Controller area network (CAN) conformance test plan – Part 2: High-speed medium access unit with selective wake-up functionality
Cestovna vozila – Postupak provjere usklađenosti regulatora mrežnog područja (CAN) – 2. dio: Jedinica za pristup mediju velike brzine sa selektivnom funkcijom aktiviranja

prEN ISO 18541-5 en
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 5: Heavy duty specific provision (ISO/DIS 18541-5:2017)
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 5. dio: Posebne odredbe za teška vozila (ISO/DIS 18541-5:2017)

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

ISO 11784:1996/Amd 2:2010 en
Radio frequency identification of animals – Code structure – Amendment 2: Indication of an advanced transponder
Radiofrekvencijska identifikacija životinja – Struktura kodova – Amandman 2: Oznaka za napredni transponder

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 3690 en
Welding and allied processes – Determination of hydrogen content in arc weld metal (ISO/DIS 3690:2017)
Zavarivanje i srodni postupci – Određivanje sadržaja vodika u elektrolučno zavarenome metalu (ISO/DIS 3690:2017)

prEN ISO 8249 en
Welding – Determination of Ferrite Number (FN) in austenitic and duplex ferritic-austenitic Cr-Ni stainless steel weld metals (ISO/DIS 8249:2017)
Zavarivanje – Određivanje feritnoga broja (FN) u metalu zavara austenitnih i duplex austenitno-feritnih CrNi nehrđajućih čelika (ISO/DIS 8249:2017)

HZN/TO 69, *Primjena statističkih metoda*

ISO 11843-5:2008/Amd 1:2017 en
Capability of detection – Part 5: Methodology in the linear and non-linear calibration cases
Sposobnost detekcije – 5. dio: Metodologija u slučajevima linearne i nelinearne kalibracije

HZN/TO 108, *Mehaničke vibracije i udari*

ISO 21940-2:2017 en
Mechanical vibration – Rotor balancing – Part 2: Vocabulary
Mehaničke vibracije – Uravnoteživanje rotora – 2. dio: Terminološki rječnik

HZN/TO 135, *Nerazorna ispitivanja*

prEN 17119 en
Non-destructive testing – Thermographic testing – Active thermography

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

prEN 549 en
Rubber materials for seals and diaphragms for gas appliances and gas equipment
Elastomerna gradiva za brtve i membrane u plinskim uređajima i plinskoj opremi

HZN/TO 147, *Kvaliteta vode*

prEN 17123 en
Water quality – Guidance on determining the degree of modification of the hydromorphological features of transitional and coastal waters
Kvaliteta vode – Upute za određivanje stupnja promjene hidromorfoloških svojstava prijelaznih i obalnih voda

HZN/TO 211, *Geoinformacije/Geomatika*

ISO 19103:2015 en
Geographic information – Conceptual schema language
Geoinformacije – Jezik konceptualne sheme

ISO 19104:2016 en
Geographic information – Terminology
Geoinformacije – Pojmovnik

HZN/TO 524, Inteligentni transportni sustavi

prEN ISO 17419 en
Intelligent transport systems – Cooperative systems – Globally unique identification (ISO/DIS 17419:2017)

prEN ISO 17423 en
Intelligent transport systems – Cooperative systems – Application requirements and objectives (ISO/DIS 17423:2017)

HZN/TO 530, Čelična užad, lanci, dizalične kuke, trake, omče i pribor

ISO 606:2015 en
Short-pitch transmission precision roller and bush chains, attachments and associated chain sprockets
Kratkočlani pogonski precizni valjčasti i tuljčasti lanci, nosive spojnice i pripadajući lančanici

ISO 4347:2015 en
Leaf chains, clevises and sheaves – Dimensions, measuring forces, tensile strengths and dynamic strengths
Pločasti lanci, priključnici i glatki lančanici – Dimenzije, mjerne sile i prekidna čvrstoća

ISO 15654:2015 en
Fatigue test method for transmission precision roller chains and leaf chains
Metoda ispitivanja dinamičke izdržljivosti pogonskih preciznih valjčastih lanaca

HZN/TO 531, Plastika i guma

prEN ISO 899-1 en
Plastics – Determination of creep behaviour – Part 1: Tensile creep (ISO/FDIS 899-1:2017)
Plastika – Određivanje ponašanja pri puzanju – 1. dio: Rastezno puzanje (ISO/FDIS 899-1:2017)

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

EN 12150-1:2015/prA1 en
Glass in building – Thermally toughened soda lime silicate safety glass – Part 1: Definition and description
Staklo u graditeljstvu – Toplinski kaljeno natrij-kalcij-silikatno sigurnosno staklo – 1. dio: Definicija i opis

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

prEN 14134 en
Ventilation for buildings – Performance testing and installation checks of residential ventilation systems
Ventilacija u zgradama – Ispitivanje značajki i provjera instalacije za stambene ventilacijske sustave

prEN ISO 14414 en
Pump system energy assessment (ISO/ASME DIS 14414:2017)
Energjska procjena pumpnih sustava (ISO/ASME DIS 14414:2017)

HZN/TO 562, Alatni strojevi i alati

prEN ISO 19085-12 en
Woodworking machines – Safety – Part 12: Tenoning/profiling machines (ISO/DIS 19085-12:2017)

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

prEN 1176-5 en
Playground equipment and surfacing – Part 5: Additional specific safety requirements and test methods for carousels
Oprema i podloge za igrališta – 5. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za vrtuljke

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

prEN ISO 9004 en
Quality management – Quality of an organization – Guidance to achieve sustained success (ISO/DIS 9004:2017)
Upravljanje u svrhu trajne uspješnosti organizacije – Pristup upravljanju kvalitetom (ISO/DIS 9004:2017)

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom

prEN 50549-1 en
Requirements for generating plants to be connected in parallel with distribution networks – Part 1-1: Connection to a LV distribution network – Generating plants up to and including Type A

prEN 50549-2 en
Requirements for generating plants to be connected in parallel with distribution networks – Part 2: Connection to a MV distribution network

HZN/TO E23, Električni instalacijski pribor

prEN 60898-1 en
Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations – Part 1: Circuit-breakers for a.c. operation (IEC 60898-1:2015)
Električni pribor – Instalacijski prekidači za nadstrujnu zaštitu za kućanstvo i slične instalacije – 1. dio: Instalacijski prekidači za rad s izmjeničnom strujom (IEC 60898-1:2015)

prEN 61058-2-1:2017 en
Switches for appliances – Part 2-1: Particular requirements for cord switches (IEC 61058-2-1:201X)
Sklopke za aparate – Dio 2-1: Posebni zahtjevi za sklopke na priključnim gipkim vodovima (IEC 61058-2-1:201X)

prEN 61058-2-4:2017 en
Switches for appliances – Part 2-4: Particular requirements for independently mounted switches (IEC 61058-2-4:201X)
Sklopke za aparate – Dio 2-4: Posebni zahtjevi za neovisno ugrađene sklopke (IEC 61058-2-4:201X)

prEN 61058-2-5 en
Switches for appliances – Part 2-5: Particular requirements for change-over selectors (IEC 61058-2-5:201X)
Sklopke za aparate – Dio 2-5: Posebni zahtjevi za preklopke (IEC 61058-2-5:201X)

prEN 61058-2-6 en
Switches for appliances – Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery (IEC 61058-2-6:201X)
Sklopke za aparate – Dio 2-6: Posebni zahtjevi za sklopke u elektromotornim ručnim alatima, prijenosnim alatima i mehanizaciji za vrtove i travnjake (IEC 61058-2-6:201X)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

EN 62442-1:2011/prA1:2017 en
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 62442-1:2011/am1:201X)
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 62442-1:2011/am1:201X)

EN 62442-2:2014/prA1:2017 en
Energy performance of lamp controlgear – Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) – Method of measurement to determine the efficiency of the controlgear (IEC 62442-2:2014/am1:201X)
Energetske značajke predspojnih naprava – 2. dio: Predspojne naprave za visokoučinkovite žarulje s izbojem (osim fluorescentnih žarulja) – Mjerna metoda za određivanje učinkovitosti predspojne naprave (IEC 62442-2:2014/am1:201X)

HZN/TO E44, Elektrotehnička sigurnost strojeva

prEN 60204-11:2017 en
Safety of machinery – Electrical equipment of machines – Part 11: Requirements for HV equipment for voltages above 1 000 V a.c. or 1 500 V d.c. and not exceeding 36 kV (IEC 60204-11:201X)
Sigurnost strojeva – Električna oprema strojeva – 11. dio: Zahtjevi za visokonaponsku opremu za izmjenične napone iznad 1000 V ili istosmjerne napone iznad 1500 V koji ne prelaze 36 kV (IEC 60204-11:201X)

HZN/TO E55, *Žice za namote*

prEN 60317-73:2017 en
Specifications for particular types of winding wires – Part 73: Polyester or polyetherimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200 (IEC 60317-73:201X)

prEN 60317-74:2017 en
Specifications for particular types of winding wires – Part 74: Polyetherimide enamelled rectangular aluminium wire, class 180 (IEC 60317-74:201X)

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

prEN 62351-4:2017 en
Power systems management and associated information exchange – Data and communications security – Part 4: Profiles including MMS (IEC 62351-4:201X)

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

prEN 60335-2-71:2017 en
Household and similar electrical appliances – Safety – Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals (IEC 60335-2-71:201X)
Kućanski i slični električni aparati – Sigurnost – Dio 2-71: Posebni zahtjevi za grijalice za okot i uzgoj životinja (IEC 60335-2-71:201X)

prEN 60335-2-76 {fragment 1}:2017 en
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers (IEC 60335-2-76:201X {fragment 1})
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde (IEC 60335-2-76:201X {fragment 1})

prEN 60335-2-76 {fragment 2}:2017 en
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers (IEC 60335-2-76:201X {fragment 2})
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde (IEC 60335-2-76:201X {fragment 2})

prEN 60335-2-86:2017 en
Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines (IEC 60335-2-86:201X)
Kućanski i slični električni aparati – Sigurnost – Dio 2-86: Posebni zahtjevi za aparate za pecanje (IEC 60335-2-86:201X)

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

prEN 62443-4-2:2017 en
Industrial communication networks – Security for industrial automation and control systems – Part 4-2: Technical security requirements for IACS components (IEC 62443-4-2:201X)

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

prEN 60728-113:2017 en
Cable networks for television signals, sound signals and interactive services – Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only (IEC 60728-113:201X)

prEN 62087-7:2017 en
Audio, video and related equipment – Methods of measurement for power consumption – Part 7: Computer Monitors (IEC 62087-7:201X)

HZN/TO E500, *Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama*

EN 55016-2-3:2017/prA1:2017 en
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements (CISPR 16-2-3:2016/am1:201X)
Specifikacija uređaja i metoda za mjerenja radijsmetnja i otpornosti – Dio 2-3: Metode mjerenja smetnja i otpornosti – Mjerenje zračenih smetnji (CISPR 16-2-3:2016/am1:201X)

HZN/TO E501, *Elektroakustika i ultrazvuk*

EN 60118-4:2015/prA1:2017 en
Electroacoustics – Hearing aids – Part 4: Induction-loop systems for hearing aid purposes – System performance requirements (IEC 60118-4:2014/am1:201X)
Elektroakustika – Slušna pomagala – 4. dio: Sustavi s indukcijom petljom u slušnim pomagalima – Zahtjevi za karakteristike sustava (IEC 60118-4:2014/am1:201X)

HZN/TO T4, *Normizacija u telekomunikacijama*

Draft EN 300 698 V2.2.0:2017 en
Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU
Radiotelefonski odašiljači i prijammnici za pomorske pokretne službe koji rade u VHF pojasi u uporabi na kopnenim vodenim putovima – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članaka 3.2 i 3.3(g) Direktive 2014/53/EU

Draft EN 301 598 V2.0.5:2017 en
White Space Devices (WSD) – Wireless Access Systems operating in the 470 MHz to 790 MHz TV broadcast band – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Uređaji bijelog prostora (WSD) – Sustavi bežičnog pristupa koji rade u pojasu od 470 MHz do 790 MHz TV odašiljanja – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 301 893 V1.8.5:2017 en
5 GHz RLAN – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
5 GHz RLAN – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 054 V2.1.0:2017 en
Meteorological Aids (Met Aids) – Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Meteorološka pomagala (Met pomagala) – Radiosonde za primjenu u frekvencijskom području od 400,15 MHz do 406 MHz s razinama snage do 200 mW – 2. dio: Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 454 V2.1.0:2017 en
Meteorological Aids (Met Aids) – Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Meteorološka pomagala (Met pomagala) – Radiosonde za primjenu u frekvencijskom području od 1 668,4 MHz do 1 690 MHz – 2. dio: Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 617 V2.2.0:2017 en
Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Na tlu bazirani UHF radijski odašiljači, prijammnici i primopredajnici s amplitudnom modulacijom za UHF zrakoplovnu pokretnu službu – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 302 636-4-1 V1.3.0:2017 en
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications – Sub-part 1: Media-Independent Functionality
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 4. dio: Geoadresiranje i proslijeđivanje za komunikacije točka-točka i točka-točke – 1. poddio: Medijski neovisna funkcionalnost

Draft EN 302 636-5-1 V2.1.0:2017 en
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 5: Transport Protocols – Sub-part 1: Basic Transport Protocol
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 5. dio: Protokoli prijevoza – 1. poddio: Bazični protokol prijevoza

Draft EN 303 098 V2.2.0:2017 en

Maritime low power personal locating devices employing AIS – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Pomorski osobni uređaji male snage za određivanje položaja koji primjenjuju AIS – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

Draft EN 303 276 V1.1.0:2017 en

Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
Pomorska širokopojasna radioveza koja radi unutar pojasa od 5 852 MHz do 5 872 MHz i/ili od 5 880 MHz do 5 900 MHz, za brodove i izvanobalne instalacije uključene u koordinirane aktivnosti – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU

HZN/TU I2, *Strojarstvo 2*

prEN ISO 505 en

Conveyor belts – Method for the determination of the tear propagation resistance of textile conveyor belts (ISO/FDIS 505:2017)
Transportne trake – Metoda određivanja otpornosti tekstilnih transportnih traka na daljnje trganje (ISO/FDIS 505:2017)

HZN/TU M1, *Metalni materijali 1*

prEN ISO 4506 en

Hardmetals – Compression test (ISO/DIS 4506:2017)

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

prEN ISO 10139-1 en

Dentistry – Soft lining materials for removable dentures – Part 1: Materials for short-term use (ISO/DIS 10139-1:2017)
Stomatologija – Mekani materijali za podlaganje mobilnih zubnih proteza – 1. dio: Materijali za kratkotrajnu upotrebu (ISO/DIS 10139-1:2017)

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

FprEN 3475-707 en

Aerospace series – Cables, electrical, aircraft use – Test methods – Part 707: Stabilization of assembly

FprEN 4652-221 en

Aerospace series – Connectors, coaxial, radio frequency – Part 221: Type 2, TNC interface – Crimp version – Right angle plug – Product standard

FprEN 4652-322 en

Aerospace series – Connectors, coaxial, radio frequency – Part 322: Type 3, N interface – Crimp version – Square flange receptacle – Product standard

FprEN 16602-30 en

Space product assurance – Dependability

FprEN 16602-40 en

Space product assurance – Safety

prEN 16603-31-04 en

Exchange of Thermal Model Data for Space Applications

HZN/TU U1, *Opća elektrotehnika 1*

FprEN 50625-2-4 en

Collection, logistics & treatment requirements for WEEE – Part 2-4: Treatment requirements for photovoltaic panels

prEN 60404-6:2017 en

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 200 kHz by the use of ring specimens (IEC 60404-6:201X)
Magnetski materijali – 6. dio: Mjerne metode magnetskih svojstava magnetski mekih metalnih i praškastih materijala na frekvencijama u rasponu od 20 Hz do 200 kHz uporabom prstenastih uzoraka (IEC 60404-6:201X)

prEN 60404-8-11:2017 en

Magnetic materials – Part 8-11: Specifications for individual materials – Fe-based amorphous strip delivered in the semi-processed state (IEC 60404-8-11:201X)

prEN 60404-13:2017 en

Magnetic materials – Part 13: Methods of measurement of resistivity, density and stacking factor of electrical steel strip and sheet (IEC 60404-13:201X)
Magnetski materijali – 13. dio: Mjerne metode za gustoću, otpor i faktor električnoga čeličnog lima i trake (IEC 60404-13:201X)

prEN 60404-16:2017 en

Magnetic materials – Part 16: Methods of measurement of the magnetic properties of Fe-based amorphous strip by means of a single sheet tester (IEC 60404-16:201X)

prEN 61788-23:2017 en

Superconductivity – Part 23: Residual resistance ratio measurement – Residual resistance ratio of Nb superconductors

HZN/TU V1, *Elektronika 1*

prEN 50117-1:2017 en

Coaxial cables – Part 1: Generic specification
Koaksijalni kabeli – 1. dio: Opća (generička) specifikacija

prEN 60749-12:2017 en

Semiconductor devices – Mechanical and climatic test methods – Part 12: Vibration, variable frequency (IEC 60749-12:201X)

EN 61010-031:2015/prA1:2017 en

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 (IEC 61010-031:2015/am1:201X)

prEN 62024-1:2017 en

High frequency inductive components – Electrical characteristics and measuring methods – Part 1: Nanohenry range chip inductor (IEC 62024-1:201X)

prEN 62343-5-2:2017 en

Dynamic modules – Part 5-2: Test methods – 1xN fixed-grid WSS – Dynamic crosstalk measurement (IEC 62343-5-2:201X)

prEN 62604-2:2017 en

Surface Acoustic Wave (SAW) and Bulk Acoustic Wave (BAW) duplexers of assessed quality – Part 2: Guidelines for the use (IEC 62604-2:201X)

prEN 63093-7:2017 en

Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 7: EER-cores (IEC 63093-7:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

EN 60705:2015/prA2:2017 en

Household microwave ovens – Methods for measuring performance (IEC 60705:2010/am2:201X)
Kućanske mikrovalne pećnice – Ispitne metode za mjerenje radnih značajka (IEC 60705:2010/am2:201X)

1.4 *Povučene hrvatske norme*

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

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

HZN/TO 22, *Cestovna vozila*

HRN ISO 2974:2014 en

Dizelski motori – Unutarnji (ženski) stošci od 60 stupnjeva za sastavne dijelove ubrizgavanja goriva pod visokim tlakom (ISO 2974:2013)
Diesel engines – 60 degree female cones for high-pressure fuel injection components (ISO 2974:2013)
- bez zamjene

HRN ISO 4251-1:2008 en

Gume (nizovi s oznakom PR ("ply rating")) i naplatci za poljoprivredne traktore i strojeve – 1. dio: Oznaka i dimenzije guma i odobreni profili naplataka (ISO 4251-1:2005)
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 1: Tyre designation and dimensions, and approved rim contours (ISO 4251-1:2005)
- bez zamjene

HRN ISO 4251-1:2008/A1:2014 en

Gume (nizovi s oznakom PR ("ply rating")) i naplatci za poljoprivredne traktore i strojeve – 1. dio: Oznaka i dimenzije guma i odobreni profili naplataka – Amandman 1 (ISO 4251-1:2005/Amd 1:2012)
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 1: Tyre designation and dimensions, and approved rim contours – Amendment 1 (ISO 4251-1:2005/Amd 1:2012)
- bez zamjene

HRN ISO 8535-1:2013 en

Dizelski motori – Čelične cijevi za visokotlačne vodove za ubrzgavanje goriva – 1. dio: Zahtjevi za bešavne, hladno vučene jednostrojne cijevi (ISO 8535-1:2011)
Diesel engines – Steel tubes for high-pressure fuel injection pipes – Part 1: Requirements for seamless cold-drawn single-wall tubes (ISO 8535-1:2011)
- bez zamjene

HRN ISO 8820-4:2013 en

Cestovna vozila – Ulošci osigurača – 4. dio: Ulošci osigurača sa ženskim kontaktima (A tipa) i kontaktima za spajanje vijkom (B tipa) i pribor za njihovo ispitivanje (ISO 8820-4:2010)
Road vehicles – Fuse-links – Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures (ISO 8820-4:2010)
- bez zamjene

HRN ISO 11898-2:2003 en

Cestovna vozila – Regulator mrežnog područja (CAN) – 2. dio: Jedinica za pristup mediju velikom brzinom (ISO 11898-2:2003)
Road vehicles – Controller area network (CAN) – Part 2: High-speed medium access unit (ISO 11898-2:2003)
- bez zamjene

HZN/TO 28, Naftni proizvodi i maziva

HRN EN 228:2013 hr

Goriva za motorna vozila – Bezolovni motorni benzin – Zahtjevi i metode ispitivanja (EN 228:2012)
Automotive fuels – Unleaded petrol – Requirements and test methods (EN 228:2012)
- zamijenjena s: HRN EN 228:2017

HRN EN 590:2014 hr-en

Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja (EN 590:2013+AC:2014)
Automotive fuels – Diesel – Requirements and test methods (EN 590:2013+AC:2014)
- zamijenjena s: HRN EN 590:2017

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

HRN ISO 11132:2014 en

Senzorska analiza – Metodologija – Smjernice za praćenje karakteristika kvantitativnog senzorskog panela (ISO 11132:2012)
Sensory analysis – Methodology – Guidelines for monitoring the performance of a quantitative sensory panel (ISO 11132:2012)
- zamijenjena s: HRN EN ISO 11132:2017

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 3580:2012 en

Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje čelika otpornih na pužanje – Razredba (ISO 3580:2010; EN ISO 3580:2011)
Welding consumables – Covered electrodes for manual metal arc welding of creep-resisting steels – Classification (ISO 3580:2010; EN ISO 3580:2011)
- zamijenjena s: HRN EN ISO 3580:2017

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

HRI ISO/TR 15801:2011 en

Upravljanje dokumentima – Elektronički pohranjeni podaci – Preporuke za pouzdanost i vjerodostojnost (ISO/TR 15801:2009)
Document management – Information stored electronically – Recommendations for trustworthiness and reliability (ISO/TR 15801:2009)
- zamijenjena s: HRI ISO/TR 15801:2017

HZN/TO 108, Mehaničke vibracije i udari

HRN EN ISO 8041:2008 en

Reakcija ljudi na vibracije – Mjerni instrumentarij (ISO 8041:2005+Cor 1:2007; EN ISO 8041:2005+AC:2008)
Human response to vibration – Measuring instrumentation (ISO 8041:2005+Cor 1:2007; EN ISO 8041:2005+AC:2008)
- zamijenjena s: HRN EN ISO 8041-1:2017

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

HRN EN ISO 10304-1:2009/Ispr.1:2012 en

Kakvoća vode – Određivanje otopljenih aniona ionskom tekućinskom kromatografijom – 1. dio: Određivanje bromida, klorida, fluorida, nitrata, nitrita, fosfata i sulfata – Tehnički ispravak 1 (ISO 10304-1:2007/Cor 1:2010; EN ISO 10304-1:2009/AC:2012)
Water quality – Determination of dissolved anions by liquid chromatography of ions – Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulfate – Technical Corrigendum 1 (ISO 10304-1:2007/Cor 1:2010; EN ISO 10304-1:2009/AC:2012)
- bez zamjene

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

HRN EN ISO 5667-16:2002 hr

Kakvoća vode – Uzorkovanje – 16. dio: Smjernice za biološko ispitivanje uzoraka (ISO 5667-16:1998; EN ISO 5667-16:1998)
Water quality – Sampling – Part 16: Guidance on biotesting of samples (ISO 5667-16:1998; EN ISO 5667-16:1998)
- zamijenjena s: HRN EN ISO 5667-16:2017

HZN/TO 172, Optika i optički instrumenti

HRN ISO 10109-4:2005 en

Optika i optički instrumenti – Zahtjevi na utjecaj okoliša – 4. dio: Zahtjevi za ispitivanje dalekozornih sustava (ISO 10109-4:2001)
Optics and optical instruments – Environmental requirements – Part 4: Test requirements for telescopic systems (ISO 10109-4:2001)
- zamijenjena s: HRN ISO 20711:2017

HRN EN ISO 10939:2008 en

Oftalmološki instrumenti – Mikroskopi s procjepnom svjetiljkom (ISO 10939:2007; EN ISO 10939:2007)
Ophthalmic instruments – Slit-lamp microscopes (ISO 10939:2007; EN ISO 10939:2007)
- zamijenjena s: HRN EN ISO 10939:2017

HZN/TO 181, Sigurnost igračka i proizvodi za djecu

HRN EN 1272:2003 en

Proizvodi za dojenčad i malu djecu – Stolci koji se montiraju na stol – Sigurnosni zahtjevi i metode ispitivanja (EN 1272:1998)
Child care articles – Table mounted chairs – Safety requirements and test methods (EN 1272:1998)
- zamijenjena s: HRN EN 1272:2017

HZN/TO 182, Geotehničke konstrukcije

HRS CEN ISO/TS 22476-11:2012 en

Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 11. dio: Ispitivanje plosnatim dilatometrom (DMT) (ISO 22476-11:2005; CEN ISO/TS 22476-11:2005)
Geotechnical investigation and testing – Field testing – Part 11: Flat dilatometer test (ISO 22476-11:2005; CEN ISO/TS 22476-11:2005)
- zamijenjena s: HRN EN ISO 22476-11:2017

HZN/TO 215, *Medicinska informatika*

HRN EN ISO 11073-10417:2014 en
Medicinska informatika – Povezivost osobnoga medicinskog uređaja – 10417. dio: Specijalni uređaji – Mjerač glukoze (ISO/IEEE 11073-10417:2014, ispravljena verzija 2014-05-01; EN ISO 11073-10417:2014)
Health informatics – Personal health device communication – Part 10417: Device specialization – Glucose meter (ISO/IEEE 11073-10417:2014, Corrected version 2014-05-01; EN ISO 11073-10417:2014)
- zamijenjena s: HRN EN ISO 11073-10417:2017

HZN/TO 238, *Čvrsta biogoriva*

HRN EN 14780:2011 en
Čvrsta biogoriva – Priprema uzoraka (EN 14780:2011)
Solid biofuels – Sample preparation (EN 14780:2011)
- zamijenjena s: HRN EN ISO 14780:2017

HRN EN 14918:2010 en
Čvrsta biogoriva – Određivanje kalorijske vrijednosti (EN 14918:2009)
Solid biofuels – Determination of calorific value (EN 14918:2009)
- zamijenjena s: HRN EN ISO 18125:2017

HZN/TO 503, *Metalni materijali*

HRN EN 10270-1:2012 en
Čelična žica za opruge – 1. dio: Patentirana hladno vučena žica od nelegiranog čelika za opruge (EN 10270-1:2011)
Steel wire for mechanical springs – Part 1: Patented cold drawn unalloyed spring steel wire (EN 10270-1:2011)
- zamijenjena s: HRN EN 10270-1:2017

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

HRN EN ISO 14713-1:2010 en
Cinkove prevlake – Smjernice i preporuke za zaštitu od korozije konstrukcija iz željeznog lijeva i čelika – 1. dio: Opća načela projektiranja i korozijske otpornosti (ISO 14713-1:2009; EN ISO 14713-1:2009)
Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 1: General principles of design and corrosion resistance (ISO 14713-1:2009; EN ISO 14713-1:2009)
- zamijenjena s: HRN EN ISO 14713-1:2017

HZN/TO 509, *Cestovna oprema*

HRN EN 14388:2007 en
Barijere za zaštitu od buke s cesta – Specifikacije (EN 14388:2005)
Road traffic noise reducing devices – Specifications (EN 14388:2005)
- zamijenjena s: HRN EN 14388:2015

HRN EN 14388:2007/Ispr.1:2008 en
Barijere za zaštitu od buke s cesta – Specifikacije (EN 14388:2005/AC:2008)
Road traffic noise reducing devices – Specifications (EN 14388:2005/AC:2008)
- zamijenjena s: HRN EN 14388:2015

HZN/TO 513, *Mjerne jedinice i mjerila*

HRN EN ISO 4064-1:2014 en
Vodomjeri za hladnu pitku vodu i vruću vodu – 1. dio: Metrološki i tehnički zahtjevi (ISO 4064-1:2014; EN ISO 4064-1:2014)
Water meters for cold potable water and hot water – Part 1: Metrological and technical requirements (ISO 4064-1:2014; EN ISO 4064-1:2014)
- zamijenjena s: HRN EN ISO 4064-1:2017

HRN EN ISO 4064-2:2014 en
Vodomjeri za hladnu pitku vodu i vruću vodu – 2. dio: Metode ispitivanja (ISO 4064-2:2014; EN ISO 4064-2:2014)
Water meters for cold potable water and hot water – Part 2: Test methods (ISO 4064-2:2014; EN ISO 4064-2:2014)
- zamijenjena s: HRN EN ISO 4064-2:2017

HRN EN ISO 4064-5:2014 en
Vodomjeri za hladnu pitku vodu i vruću vodu – 5. dio: Zahtjevi ugradnje (ISO 4064-5:2014; EN ISO 4064-5:2014)
Water meters for cold potable water and hot water – Part 5: Installation requirements (ISO 4064-5:2014; EN ISO 4064-5:2014)
- zamijenjena s: HRN EN ISO 4064-5:2017

HZN/TO 524, *Inteligentni transportni sustavi*

HRS CEN ISO/TS 14823:2008 en
Informacije o prometu i putovanju – Poruke putem stacionarnih sustava distribucije informacija neovisnih od medija – Rječnik grafičkih podataka sustava distribucije za predputne i putne informacije (ISO/TS 14823:2008; CEN ISO/TS 14823:2008)
Traffic and travel information – Messages via media independent stationary dissemination systems – Graphic data dictionary for pre-trip and in-trip information dissemination systems (ISO/TS 14823:2008; CEN ISO/TS 14823:2008)
- zamijenjena s: HRN EN ISO 14823:2017

HZN/TO 528, *Oprema za željeznice*

HRN EN 13674-1:2011 en
Željeznički sustav – Željeznički gornji ustroj – Tračnica – 1. dio: Vignoleove željezničke tračnice mase 46 kg/m i više (EN 13674-1:2011)
Railway applications – Track – Rail – Part 1: Vignole railway rails 46 kg/m and above (EN 13674-1:2011)
- zamijenjena s: HRN EN 13674-1:2017

HRN EN 14033-1:2011 en
Željeznički sustav – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 1. dio: Tehnički zahtjevi za vožnju (EN 14033-1:2011)
Railway applications – Track – Railbound construction and maintenance machines – Part 1: Technical requirements for running (EN 14033-1:2011)
- zamijenjena s: HRN EN 14033-1:2017

HRN EN 14033-2:2012 en
Željeznički sustav – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 2. dio: Tehnički zahtjevi za rad (EN 14033-2:2008+A1:2011)
Railway applications – Track – Railbound construction and maintenance machines – Part 2: Technical requirements for working (EN 14033-2:2008+A1:2011)
- zamijenjena s: HRN EN 14033-2:2017

HRN EN 14033-3:2011 en
Željeznički sustav – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 3. dio: Opći sigurnosni zahtjevi (EN 14033-3:2009+A1:2011)
Railway applications – Track – Railbound construction and maintenance machines – Part 3: General safety requirements (EN 14033-3:2009+A1:2011)
- zamijenjena s: HRN EN 14033-3:2017

HRN EN 15273-1:2016/Ispr.1:2017 en
Željeznički sustav – Profili – 1. dio: Općenito – Zajednička pravila za infrastrukturu i željeznička vozila (EN 15273-1:2013+A1:2016/AC:2017)
Railway applications – Gauges – Part 1: General – Common rules for infrastructure and rolling stock (EN 15273-1:2013+A1:2016/AC:2017)
- bez zamjene

HZN/TO 530, *Čelična užad, lanci, dizalične kuke, trake, omče i pribor*

HRN DIN 762-1:2001 de
Okrugli čelični lanci za transportere; klase 2, kalibrirani, korak 5d, ispitani (DIN 762-1:1992)
Rundstahlketten für Stetigförderer; Güteklasse 2, lehrenhaltig, Teilung 5d, geprüft (DIN 762-1:1992)
- bez zamjene

HRN DIN 762-2:2001 de
Okrugli čelični lanci za transportere; klase 3, kalibrirani, korak 5d, ispitani (DIN 762-2:1992)
Rundstahlketten für Stetigförderer; Güteklasse 3, lehrenhaltig, Teilung 5d, geprüft (DIN 762-2:1992)
- bez zamjene

HRN DIN 766:2001 de
Okrugli čelični lanci; klase 3, kalibrirani, ispitani (DIN 766:1986)
Rundstahlketten; Güteklasse 3; lehrenhaltig, geprüft (DIN 766:1986)
- bez zamjene

HRN ISO 2701:2000 en
Vučena žica za nelegiranu čeličnu užad opće namjene – Uvjeti prihvaćanja (ISO 2701:1977)
Drawn wire for general purpose non-alloy steel wire ropes – Terms of acceptance (ISO 2701:1977)
- bez zamjene

HZN/TO 531, *Plastika i guma*

- HRN EN ISO 4589-1:2008 en
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 1. dio: Smjernice (ISO 4589-1:1996; EN ISO 4589-1:1999)
Plastics – Determination of burning behaviour by oxygen index – Part 1: Guidance (ISO 4589-1:1996; EN ISO 4589-1:1999)
- zamijenjena s: HRN EN ISO 4589-1:2017
- HRN EN ISO 4589-2:2008 en
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 2. dio: Ispitivanje pri sobnoj temperaturi (ISO 4589-2:1996+Amd 1:2005; EN ISO 4589-2:1999+A1:2006)
Plastics – Determination of burning behaviour by oxygen index – Part 2: Ambient-temperature test (ISO 4589-2:1996+Amd 1:2005; EN ISO 4589-2:1999+A1:2006)
- zamijenjena s: HRN EN ISO 4589-2:2017
- HRN EN ISO 4589-3:2008 en
Plastika – Ponašanje pri gorenju određivanjem indeksa kisika – 3. dio: Ispitivanje pri povišenoj temperaturi (ISO 4589-3:1996; EN ISO 4589-3:1996)
Plastics – Determination of burning behaviour by oxygen index – Part 3: Elevated-temperature test (ISO 4589-3:1996; EN ISO 4589-3:1996)
- zamijenjena s: HRN EN ISO 4589-3:2017
- HRN EN 13100-1:2008 en
Nerazorno ispitivanje zavarenih spojeva u plastomernim poluproizvodima – 1. dio: Vizualno ispitivanje (EN 13100-1:1999)
Non destructive testing of welded joints of thermoplastics semi-finished products – Part 1: Visual examination (EN 13100-1:1999)
- zamijenjena s: HRN EN 13100-1:2017

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

- HRN EN 12098-3:2013 en
Regulacija sustava grijanja – 3. dio: Oprema za regulaciju za sustave električnog grijanja (EN 12098-3:2013)
Controls for heating systems – Part 3: Control equipment for electrical heating systems (EN 12098-3:2013)
- zamijenjena s: HRN EN 12098-3:2017
- HRN EN 12098-5:2008 en
Upravljanje za sustave grijanja – 5. dio: Raspored uključivanja i isključivanja sustava grijanja (EN 12098-5:2005)
Controls for heating systems – Part 5: Start-stop schedulers for heating systems (EN 12098-5:2005)
- zamijenjena s: HRN EN 12098-5:2017
- HRN EN 15232:2012 en
Energijske značajke zgrada – Utjecaj automatizacije zgrada, nadzor i upravljanje zgradama (EN 15232:2012)
Energy performance of buildings – Impact of Building Automation, Controls and Building Management (EN 15232:2012)
- zamijenjena s: HRN EN 15232-1:2017
- HRN EN 15241:2008 en
Ventilacija u zgradama – Metode proračuna energijskih gubitaka zbog ventilacije i infiltracije u poslovnim zgradama (EN 15241:2007)
Ventilation for buildings – Calculation methods for energy losses due to ventilation and infiltration in commercial buildings (EN 15241:2007)
- zamijenjena s: HRN EN 16798-5-1:2017
- HRN EN 15241:2008/Ispr.1:2013 en
Ventilacija u zgradama – Metode proračuna energijskih gubitaka zbog ventilacije i infiltracije u zgradama (EN 15241:2007/AC:2011)
Ventilation for buildings – Calculation methods for energy losses due to ventilation and infiltration in buildings (EN 15241:2007/AC:2011)
- zamijenjena s: HRN EN 16798-5-1:2017
- HRN EN 15316-3-3:2008 en
Sustavi grijanja u zgradama – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – Dio 3-3: Sustavi za pripremu potrošne tople vode, zagrijavanje (EN 15316-3-3:2007)
Heating systems in buildings – Method for calculation of system energy requirements and system efficiencies – Part 3-3: Domestic hot water systems, generation (EN 15316-3-3:2007)
- zamijenjena s: HRN EN 15316-4-1:2017

- HRN EN 15316-4-1:2008 en
Sustavi grijanja u zgradama – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – Dio 4-1: Sustavi za proizvodnju topline izgaranjem (kotlovi) (EN 15316-4-1:2008)
Heating systems in buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-1: Space heating generation systems, combustion systems (boilers) (EN 15316-4-1:2008)
- zamijenjena s: HRN EN 15316-4-1:2017
- HRN EN 15316-4-5:2008 en
Sustavi grijanja u zgradama – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – Dio 4-5: Sustavi za proizvodnju topline za grijanje prostora, pokazatelji i kvaliteta daljinskog grijanja i sustava velikih volumena (EN 15316-4-5:2007)
Heating systems in buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-5: Space heating generation systems, the performance and quality of district heating and large volume systems (EN 15316-4-5:2007)
- zamijenjena s: HRN EN 15316-4-5:2017
- HRN EN 15316-4-7:2009 en
Sustavi grijanja u zgradama – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – Dio 4-7: Sustavi za proizvodnju topline izgaranjem biomase (EN 15316-4-7:2008)
Heating systems in buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-7: Space heating generation systems, biomass combustion systems (EN 15316-4-7:2008)
- zamijenjena s: HRN EN 15316-4-1:2017
- HRN EN 15459:2008 en
Energetske značajke zgrada – Postupak ekonomske ocjene energetskih sustava u zgradama (EN 15459:2007)
Energy performance of buildings – Economic evaluation procedure for energy systems in buildings (EN 15459:2007)
- zamijenjena s: HRN EN 15459-1:2017
- HRN EN 15500:2008 en
Upravljanje uređajima za grijanje, ventilaciju i klimatizaciju – Elektronička oprema za upravljanje pojedinačnim zonama (EN 15500:2008)
Control for heating, ventilating and air-conditioning applications – Electronic individual zone control equipment (EN 15500:2008)
- zamijenjena s: HRN EN 15500-1:2017

HZN/TO 555, *Medicinski proizvodi*

- HRN EN ISO 10993-4:2010 en
Biološka procjena medicinskih proizvoda – 4. dio: Odabir ispitivanja za interakciju s krvlju (ISO 10993-4:2002+Amd 1:2006; EN ISO 10993-4:2009)
Biological evaluation of medical devices – Part 4: Selection of tests for interactions with blood (ISO 10993-4:2002+Amd 1:2006; EN ISO 10993-4:2009)
- zamijenjena s: HRN EN ISO 10993-4:2017

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

- HRN EN 1442:2008 en
Oprema i pribor za UNP – Prenosive, ponovno punjive, zavarene, čelične boce za UNP – Projektiranje i izrada (ISO 1442:2006+A1:2008)
LPG equipment and accessories – Transportable refillable welded steel cylinders for LPG – Design and construction (EN 1442:2006+A1:2008)
- zamijenjena s: HRN EN 1442:2017

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

- HRN EN ISO 11290-1:1999 en
Mikrobiologija hrane i stočne hrane – Horizontalna metoda za dokazivanje i određivanje broja stanica *Listeria monocytogenes* – 1. dio: Metoda dokazivanja (ISO 11290-1:1996; EN ISO 11290-1:1996)
Microbiology of food and animal feeding stuffs – Horizontal method for the detection and enumeration of *Listeria monocytogenes* – Part 1: Detection method (ISO 11290-1:1996; EN ISO 11290-1:1996)
- zamijenjena s: HRN EN ISO 11290-1:2017

- HRN EN ISO 11290-1:1999/A1:2008 en
Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti i određivanje broja *Listeria monocytogenes* – 1. dio: Metoda dokazivanja – Amandman 1: Modifikacija podloge za izolaciju, test hemolize i uključivanje podataka o točnosti (ISO 11290-1:1996/Amd 1:2004; EN ISO 11290-1:1996/A1:2004)
Microbiology of food and animal feeding stuffs – Horizontal method for the detection and enumeration of *Listeria monocytogenes* – Part 1: Detection method – Amendment 1: Modification of the isolation media and the haemolysis test, and inclusion of precision data (ISO 11290-1:1996/Amd 1:2004; EN ISO 11290-1:1996/A1:2004)
- zamijenjena s: HRN EN ISO 11290-1:2017
- HRN EN ISO 11290-2:1999 en
Mikrobiologija hrane i stočne hrane – Horizontalna metoda za dokazivanje i određivanje broja stanica *Listeria monocytogenes* – 2. dio: Metoda brojenja (ISO 11290-2:1998; EN ISO 11290-2:1998)
Microbiology of food and animal feeding stuffs – Horizontal method for the detection and enumeration of *Listeria monocytogenes* – Part 2: Enumeration method (ISO 11290-2:1998; EN ISO 11290-2:1998)
- zamijenjena s: HRN EN ISO 11290-2:2017
- HRN EN ISO 11290-2:1999/A1:2008 en
Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti i određivanje broja *Listeria monocytogenes* – 2. dio: Metoda određivanja broja – Amandman 1: Modifikacija podloge za određivanje broja (ISO 11290-2:1998/Amd 1:2004; EN ISO 11290-2:1998/A1:2004)
Microbiology of food and animal feeding stuffs – Horizontal method for the detection and enumeration of *Listeria monocytogenes* – Part 2: Enumeration method – Amendment 1: Modification of the enumeration medium (ISO 11290-2:1998/Amd 1:2004; EN ISO 11290-2:1998/A1:2004)
- zamijenjena s: HRN EN ISO 11290-2:2017

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

- HRN EN 1707:2008 en
Konični spojni elementi sa 6-postotnim (Luer) nastavkom za šprice, igle i drugu određenu medicinsku opremu – Spojni elementi za zaključavanje (EN 1707:1996)
Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment – Lock fittings (EN 1707:1996)
- zamijenjena s: HRN EN ISO/IEC 80369-7:2017
- HRN EN ISO 1797-1:2011 en
Stomatologija – Dršci za rotirajuće instrumente – 1. dio: Dršci od metala (ISO 1797-1:2011; EN ISO 1797-1:2011)
Dentistry – Shanks for rotary instruments – Part 1: Shanks made of metals (ISO 1797-1:2011; EN ISO 1797-1:2011)
- zamijenjena s: HRN EN ISO 1797:2017
- HRN EN ISO 1797-2:2008 en
Stomatološki rotirajući instrumenti – Dršci – 2. dio: Dršci od plastike (ISO 1797-2:1992; EN ISO 1797-2:1995)
Dental rotary equipment – Shanks – Part 2: Shanks made of plastics (ISO 1797-2:1992; EN ISO 1797-2:1995)
- zamijenjena s: HRN EN ISO 1797:2017
- HRN EN ISO 1797-3:2013 en
Stomatologija – Dršci za rotirajuće instrumente – 3. dio: Dršci od keramike (ISO 1797-3:2013; EN ISO 1797-3:2013)
Dentistry – Shanks for rotary instruments – Part 3: Shanks made of ceramics (ISO 1797-3:2013; EN ISO 1797-3:2013)
- zamijenjena s: HRN EN ISO 1797:2017
- HRN EN ISO 9873:2008 en
Stomatološki ručni instrumenti – Višekratna ogledala i držači (ISO 9873:1998+Cor 1:2000; EN ISO 9873:2000+AC:2000)
Dental hand instrument – Reusable mirrors and handles (ISO 9873:1998+Cor 1:2000; EN ISO 9873:2000+AC:2000)
- zamijenjena s: HRN EN ISO 9873:2017
- HRN EN 20594-1:2008 en
Konični spojni elementi sa 6-postotnim (Luer) nastavkom za šprice, igle i drugu određenu medicinsku opremu – 1. dio: Opći zahtjevi (ISO 594-1:1986; EN 20594-1:1993+A1:1997+AC:1996)
Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment – Part 1: General requirements (ISO 594-1:1986; EN 20594-1:1993+A1:1997+AC:1996)
- zamijenjena s: HRN EN ISO/IEC 80369-7:2017

- HRN EN 27787-3:2008 en
Stomatološki rotirajući instrumenti – Diskovi za sječenje – 3. dio: Karbidni laboratorijski diskovi za sječenje za uređaje za freziranje (ISO 7787-3:1991; EN 27787-3:1993)
Dental rotary instruments – Cutters – Part 3: Carbide laboratory cutters for milling machines (ISO 7787-3:1991; EN 27787-3:1993)
- zamijenjena s: HRN EN ISO 7787-3:2017

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

- HRN EN 4727:2015 en
Zrakoplovstvo – Normirane informacije o težini putničkog sjedala (EN 4727:2015)
Aerospace series – Standardized passenger seat weight information (EN 4727:2015)
- zamijenjena s: HRN EN 4727:2017
- HRN EN 12312-12:2010 en
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 12. dio: Oprema za opskrbu pitkom vodom (EN 12312-12:2002+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 12: Potable water service equipment (EN 12312-12:2002+A1:2009)
- zamijenjena s: HRN EN 12312-12:2017
- HRN EN 12312-13:2010 en
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 13. dio: Oprema za opskrbu sanitarnom vodom (EN 12312-13:2002+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 13: Lavatory service equipment (EN 12312-13:2002+A1:2009)
- zamijenjena s: HRN EN 12312-13:2017

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 46, Bibliotekarstvo, dokumentacija i informacije

- **umjesto**
HRN ISO 19005-1:2008
Upravljanje dokumentima – Format datoteka elektroničkih dokumenata za dugoročnu zaštitu – 1. dio: Uporaba PDF-a 1.4 (PDF/A-1) (ISO 19005-1:2005+Cor 1:2007)
Document management – Electronic document file format for long-term preservation – Part 1: Use of PDF 1.4 (PDF/A-1) (ISO 19005-1:2005+Cor 1:2007)
- **treba biti**
HRN ISO 19005-1:2008
Upravljanje dokumentima – Format datoteka elektroničkih dokumenata za dugoročnu zaštitu – 1. dio: Uporaba PDF-a 1.4 (PDF/A-1) (ISO 19005-1:2005, **ispravljena verzija 2005-12-01+Cor 1:2007**)
Document management – Electronic document file format for long-term preservation – Part 1: Use of PDF 1.4 (PDF/A-1) (ISO 19005-1:2005, **Corrected version 2005-12-01+Cor 1:2007**)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

HZN/TO T4, Normizacija u telekomunikacijama

HRN ETS 300 065 V1:2010

Radijska oprema i sustavi (RES) – Uskopojasna telegrafska oprema izravnog ispisa za primanje meteoroloških i navigacijskih informacija (NAVTEX) – Tehničke karakteristike i metode mjerenja (ETS 300 065 ed.1:1992+A1:1998)

Radio Equipment and Systems (RES) – Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX) – Technical characteristics and methods of measurement (ETS 300 065 ed.1:1992+A1:1998)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

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

Međunarodna normizacija
ISO

ISO 13715:2017
Technical product documentation – Edges of undefined shape – Indication and dimensioning

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

Međunarodna normizacija
ISO

ISO 41011:2017
Facility management – Vocabulary

01.040.19 Ispitivanje (Rječnici)

Međunarodna normizacija
ISO

ISO 20484:2017
Non-destructive testing – Leak testing – Vocabulary

01.040.25 Proizvodna tehnika (Rječnici)

Međunarodna normizacija
ISO

ISO 19496-1:2017
Vitreous and porcelain enamels – Terminology – Part 1: Terms and definitions

ISO 19496-2:2017
Vitreous and porcelain enamels – Terminology – Part 2: Visual representations and descriptions

ISO 19649:2017
Mobile robots – Vocabulary

01.040.71 Kemijska tehnologija (Rječnici)

Međunarodna normizacija
ISO

ISO 25947-1:2017
Fireworks – Categories 1, 2 and 3 – Part 1: Terminology

01.100.20 Crteži u strojarstvu

Međunarodna normizacija
ISO

ISO 13715:2017
Technical product documentation – Edges of undefined shape – Indication and dimensioning

01.140.20 Informacijske znanosti

Međunarodna normizacija
ISO

ISO/TR 19263-1:2017
Photography – Archiving systems – Part 1: Best practices for digital image capture of cultural heritage material

03.060 Financije. Bankarstvo. Monetarni sustavi. Osiguranje

Međunarodna normizacija
ISO

ISO 12812-1:2017
Core banking – Mobile financial services – Part 1: General framework

03.080.10 Industrijske usluge

Međunarodna normizacija
ISO

ISO 41011:2017
Facility management – Vocabulary

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

03.080.30 Usluge za potrošače

Međunarodna normizacija
ISO

ISO 11121:2017
Recreational diving services – Requirements for introductory programmes to scuba diving

ISO 24803:2017
Recreational diving services – Requirements for recreational diving providers

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Međunarodna normizacija
ISO

ISO 22316:2017
Security and resilience – Organizational resilience – Principles and attributes

ISO 22319:2017
Security and resilience – Community resilience – Guidelines for planning the involvement of spontaneous volunteers

IEC

IEC PAS 63088:2017
Smart manufacturing – Reference architecture model industry 4.0 (RAMI4.0)

03.120.10 Upravljanje kvalitetom i osiguravanje kvalitete

Europska normizacija
CENELEC

EN 62550:2017
Spare parts provisioning (IEC 62550:2017)

03.120.20 Certificiranje proizvoda i tvrtki. Ocjenjivanje sukladnosti

Međunarodna normizacija
ISO/IEC

ISO/IEC 17021-3:2017
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 3: Competence requirements for auditing and certification of quality management systems

03.200.99 Ostale norme koje se odnose na slobodno vrijeme i turizam

Međunažrodna normizacija ISO

ISO 11121:2017
Recreational diving services – Requirements for introductory programmes to scuba diving

ISO 24803:2017
Recreational diving services – Requirements for recreational diving providers

03.220.01 Prijevoz općenito

Međunarodna normizacija ISO

ISO 24102-4 AMD 1:2017
Intelligent transport systems – Communications access for land mobiles (CALM) – ITS station management – Part 4: Station-internal management communications; Amendment 1

03.220.30 Željeznički prijevoz

Europska normizacija CENELEC

EN 62625-1:2013/A11:2017
Electronic railway equipment – On board driving data recording system – Part 1: System specification

07.100.30 Mikrobiologija hrane

Međunarodna normizacija ISO

ISO 6887-1:2017
Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination – Part 1: General rules for the preparation of the initial suspension and decimal dilutions

ISO 6887-2:2017
Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination – Part 2: Specific rules for the preparation of meat and meat products

ISO 6887-3:2017
Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination – Part 3: Specific rules for the preparation of fish and fishery products

ISO 6887-4:2017
Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination – Part 4: Specific rules for the preparation of miscellaneous products

ISO 15216-1:2017
Microbiology of the food chain – Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR – Part 1: Method for quantification

07.100.40 Mikrobiologija u kozmetici

Međunarodna normizacija ISO

ISO 29621:2017
Cosmetics – Microbiology – Guidelines for the risk assessment and identification of microbiologically low-risk products

11.020.99 Ostale norme koje se odnose na zdravstvenu zaštitu općenito

Međunarodna normizacija ISO

ISO/ASTM 51939:2017
Practice for blood irradiation dosimetry

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija ISO

ISO 18562-2:2017
Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 2: Tests for emissions of particulate matter

ISO 18562-4:2017
Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 4: Tests for leachables in condensate

11.040.30 Kirurški instrumenti i materijali

Međunarodna normizacija IEC

IEC 60601-2-2:2017
Medical electrical equipment – Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories

11.040.55 Dijagnostička oprema

Europska normizacija CENELEC

EN 60601-1-8:2007/A11:2017
Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems

Međunarodna normizacija ISO

ISO/TR 13154:2017
Medical electrical equipment – Deployment, implementation and operational guidelines for identifying febrile humans using a screening thermograph

ISO 80601-2-56:2017
Medical electrical equipment – Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement

11.040.60 Terapeutska oprema

Međunarodna normizacija IEC

IEC 62127-2:2007/Amd2:2017
Amendment 2 – Ultrasonics – Hydrophones – Part 2: Calibration for ultrasonic fields up to 40 MHz

IEC 62127-2:2007+A1:2013+A2:2017
Ultrasonics – Hydrophones – Part 2: Calibration for ultrasonic fields up to 40 MHz

11.060.10 Stomatološki materijali

Međunarodna normizacija ISO

ISO 20749:2017
Dentistry – Pre-capsulated dental amalgam

11.120.10 Lijekovi

Međunarodna normizacija ISO

ISO 18668-2:2017
Traditional Chinese medicine – Coding system for Chinese medicines – Part 2: Codes for decoction pieces

ISO 18668-3:2017
Traditional Chinese medicine – Coding system for Chinese medicines – Part 3: Codes for Chinese Materia Medica

ISO 18668-4:2017
Traditional Chinese medicine – Coding system for Chinese medicines – Part 4: Codes for granule forms of individual medicinals for prescriptions

13.020.10 Upravljanje okolišem

Međunarodna normizacija ISO

ISO 13315-4:2017
Environmental management for concrete and concrete structures – Part 4: Environmental design of concrete structures

13.020.20 Ekogospodarstvo

Međunarodna normizacija ISO

IWA 19:2017
Guidance principles for the sustainable management of secondary metals

13.040.20 Atmosfera okoliša

Europska normizacija CEN

EN 16450:2017
Ambient air – Automated measuring systems for the measurement of the concentration of particulate matter (PM10; PM2,5)

13.040.40 Emisije iz stacionarnih izvora

Europska normizacija CEN

CEN/TR 17078:2017
Stationary source emissions – Guidance on the application of EN ISO 16911-1

13.080.20 Fizikalna svojstva tla

Međunarodna normizacija ISO

ISO 11272:2017
Soil quality – Determination of dry bulk density

13.110 Sigurnost strojeva

Međunarodna normizacija IEC

IEC 62745:2017
Safety of machinery – Requirements for cableless control systems of machinery

13.140 Utjecaj buke na ljude

Međunarodna normizacija IEC

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

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija CEN

EN 6059-304:2017
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 304: Flammability

CENELEC

EN 60695-1-10:2017
Fire hazard testing – Part 1-10: Guidance for assessing the fire hazard of electrotechnical products – General guidelines (IEC 60695-1-10:2016)

EN 60695-8-2:2017
Fire hazard testing – Part 8-2: Heat release – Summary and relevance of test methods (IEC 60695-8-2:2016)

13.220.99 Ostale norme koje se odnose na zaštitu od požara

Europska normizacija CEN

EN 12101-2:2017
Smoke and heat control systems – Part 2: Natural smoke and heat exhaust ventilators

13.260 Zaštita od električnog udara. Rad pod naponom

Međunarodna normizacija IEC

IEC 60364-4-41:2005/Amd1:2017
Amendment 1 – Low voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock

IEC 60364-4-41:2005+A1:2017
Low voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock

IEC TR 61243-6:2017
Live working – Voltage detectors – Part 6: Guidelines on non-contact voltage detectors (NCVD) for use at nominal voltages above 1 kV AC

13.280 Zaštita od zračenja

Međunarodna normizacija ISO

ISO 18417:2017
Iodine charcoal sorbents for nuclear facilities – Method for defining sorption capacity index

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija CENELEC

EN 50131-5-3:2017
Alarm systems – Intrusion systems – Part 5-3: Requirements for interconnections equipment using radio frequency techniques

EN 50402:2017
Electrical apparatus for the detection and measurement of combustible or toxic gases or vapours or of oxygen – Requirements on the functional safety of gas detection systems

EN 50849:2017
Sound systems for emergency purposes

EN 60839-11-31:2017
Alarm and electronic security systems – Part 11-31: Electronic access control systems – Core interoperability protocol based on Web services (IEC 60839-11-31:2016)

EN 60839-11-32:2017
Alarm and electronic security systems – Part 11-32: Electronic access control systems – Access control monitoring based on Web services (IEC 60839-11-32:2016)

13.340.20 Zaštitna oprema za glavu

Međunarodna normizacija
ISO

ISO 10256-5:2017
Protective equipment for use in ice hockey – Part 5: Neck laceration protectors for ice hockey players

17.140.30 Buka koju proizvode prijevozna sredstva

Europska normizacija
CEN

EN 1793-1:2017
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions

17.140.50 Elektroakustika

Međunarodna normizacija
IEC

IEC 62127-2:2007/Amd2:2017
Amendment 2 – Ultrasonics – Hydrophones – Part 2: Calibration for ultrasonic fields up to 40 MHz

IEC 62127-2:2007+A1:2013+A2:2017
Ultrasonics – Hydrophones – Part 2: Calibration for ultrasonic fields up to 40 MHz

17.180.30 Optički mjerni instrumenti

Međunarodna normizacija
ISO

ISO 16331-1:2017
Optics and optical instruments – Laboratory procedures for testing surveying and construction instruments – Part 1: Performance of handheld laser distance meters

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija
CENELEC

EN 61340-4-7:2017
Electrostatics – Part 4-7: Standard test methods for specific applications – Ionization (IEC 61340-4-7:2017)

Međunarodna normizacija
IEC

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

17.240 Mjerenja zračenja

Međunarodna normizacija
ISO

ISO/ASTM 51939:2017
Practice for blood irradiation dosimetry

19.040 Ispitivanje utjecaja okoliša

Međunarodna normizacija
IEC

IEC 60068-2-18:2017
Environmental testing – Part 2-18: Tests – Test R and guidance: Water

IEC 60068-2-69:2017
Environmental testing – Part 2-69: Tests – Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method

19.100 Nerazorna ispitivanja

Međunarodna normizacija
ISO

ISO 20339:2017
Non-destructive testing – Equipment for eddy current examination – Array probe characteristics and verification

ISO 20484:2017
Non-destructive testing – Leak testing – Vocabulary

ISO 20669:2017
Non-destructive testing – Pulsed eddy current testing of ferromagnetic metallic components

21.100.10 Klizni ležajevi

Međunarodna normizacija
ISO

ISO 6279:2017
Plain bearings – Aluminium alloys for solid bearings

ISO 12132:2017
Plain bearings – Quality assurance of thin-walled half bearings – Design FMEA

ISO 12302:2017
Plain bearings – Quality characteristics – Statistical process control (SPC)

21.160 Opruge

Međunarodna normizacija
ISO

ISO 19690-1:2017
Disc springs – Part 1: Calculation

23.020.35 Plinske boce

Međunarodna normizacija
ISO

ISO 10297 AMD 1:2017
Gas cylinders – Cylinder valves – Specification and type testing – Amendment 1: Pressure drums and tubes

ISO 11114-4:2017
Transportable gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 4: Test methods for selecting steels resistant to hydrogen embrittlement

23.060.01 Zaporni uređaji općenito

Međunarodna normizacija ISO

ISO 5210:2017
Industrial valves – Multi-turn valve actuator attachments

ISO 5211:2017
Industrial valves – Part-turn actuator attachments

23.060.40 Regulatori tlaka

Međunarodna normizacija ISO

ISO 10297 AMD 1:2017
Gas cylinders – Cylinder valves – Specification and type testing – Amendment 1: Pressure drums and tubes

25.040.01 Sustavi industrijske automatizacije općenito

Međunarodna normizacija IEC

IEC PAS 63088:2017
Smart manufacturing – Reference architecture model industry 4.0 (RAMI4.0)

25.040.30 Industrijski roboti. Manipulatori

Međunarodna normizacija ISO

ISO 19649:2017
Mobile robots – Vocabulary

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija IEC

IEC 61010-2-201:2017
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-201: Particular requirements for control equipment

25.080.01 Alatni strojevi općenito

Međunarodna normizacija ISO

ISO 16093:2017
Machine tools – Safety – Sawing machines for cold metal

25.100.50 Ureznici i kalupi za navoje

Međunarodna normizacija ISO

ISO 529:2017
Short machine taps and hand taps

25.160.20 Dodatni i potrošni materijali za zavarivanje

Međunarodna normizacija ISO

ISO 14343:2017
Welding consumables – Wire electrodes, strip electrodes, wires and rods for arc welding of stainless and heat resisting steels – Classification

ISO 18276:2017
Welding consumables – Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels – Classification

25.220.20 Površinska obrada

Međunarodna normizacija ISO

ISO 14232-1:2017
Thermal spraying – Powders – Part 1: Characterization and technical supply conditions

25.220.50 Emajli

Međunarodna normizacija ISO

ISO 19496-1:2017
Vitreous and porcelain enamels – Terminology – Part 1: Terms and definitions

ISO 19496-2:2017
Vitreous and porcelain enamels – Terminology – Part 2: Visual representations and descriptions

27.080 Dizalice topline

Europska normizacija CEN

EN 16905-1:2017
Gas-fired endothermic engine driven heat pumps – Part 1: Terms and definitions

EN 16905-3:2017
Gas-fired endothermic engine driven heat pumps – Part 3: Test conditions

EN 16905-4:2017
Gas-fired endothermic engine driven heat pumps – Part 4: Test methods

EN 16905-5:2017
Gas-fired endothermic engine driven heat pumps – Part 5: Calculation of seasonal performances in heating and cooling mode

27.160 Solarna energetika

Međunarodna normizacija IEC

IEC 61724-1:2017
Photovoltaic system performance – Part 1: Monitoring

27.180 Sustavi vjetroagregata

Europska normizacija CENELEC

EN 61400-25-4:2017
Wind energy generation systems – Part 25-4: Communications for monitoring and control of wind power plants – Mapping to communication profile

Međunarodna normizacija IEC

IEC 61400-12-1:2017
Wind energy generation systems – Part 12-1: Power performance measurements of electricity producing wind turbines

27.190 Biološki izvori i alternativni izvori energije

Međunarodna normizacija ISO

ISO 18135:2017
Solid Biofuels – Sampling

29.020 Elektrotehnika općenito

Europska normizacija CENELEC

EN 60695-1-10:2017
Fire hazard testing – Part 1-10: Guidance for assessing the fire hazard of electrotechnical products – General guidelines (IEC 60695-1-10:2016)

EN 60695-8-2:2017
Fire hazard testing – Part 8-2: Heat release – Summary and relevance of test methods (IEC 60695-8-2:2016)

EN 62550:2017
Spare parts provisioning (IEC 62550:2017)

29.035.20 Plastični i gumeni izolacijski materijali

Europska normizacija CENELEC

EN 60684-3-247:2011/A1:2017
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 60684-3-247:2011/A1:2016)

29.080.01 Električna izolacija općenito

Europska normizacija CENELEC

EN 50124-1:2017
Railway applications – Insulation coordination – Part 1: Basic requirements – Clearances and creepage distances for all electrical and electronic equipment

EN 50124-2:2017
Railway applications – Insulation coordination – Part 2: Overvoltages and related protection

29.080.30 Izolacijski sustavi

Europska normizacija CENELEC

EN 60505:2011/AC:2017
Evaluation and qualification of electrical insulation systems (IEC 60505:2011/Cor.1:2017)

Međunarodna normizacija IEC

IEC 60505:2011/Cor1:2017
Evaluation and qualification of electrical insulation systems; Corrigendum 1

29.100.10 Magnetski sastavni dijelovi

Europska normizacija CENELEC

EN 60205:2017
Calculation of the effective parameters of magnetic piece parts (IEC 60205:2016)

29.120.01 Električni pribor općenito

Međunarodna normizacija IEC

IEC TR 61916:2017
Electrical accessories – Harmonization of general rules

29.120.10 Zaštitne cijevi za električne potrebe

Europska normizacija CENELEC

CLC/TR 50659:2017
Electromagnetic characteristics of linear cable management systems (CMS)

Međunarodna normizacija IEC

IEC 61084-1:2017
Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements

IEC 61084-2-1:2017
Cable trunking systems and cable ducting systems for electrical installations – Part 2-1: Particular requirements – Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

IEC 61084-2-2:2017
Cable trunking systems and cable ducting systems for electrical installations – Part 2-2: Particular requirements – Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor

IEC 61084-2-3:2017
Cable trunking systems and cable ducting systems for electrical installations – Part 2-3: Particular requirements – Slotted cable trunking systems intended for installation in cabinets

IEC 61084-2-4:2017
Cable trunking systems and cable ducting systems for electrical installations – Part 2-4: Particular requirements – Service poles and service posts

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija CENELEC

EN 61008-1:2012/A12:2017
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules

29.160.30 Motori

Međunarodna normizacija IEC

IEC 61800-9-1:2017
Adjustable speed electrical power drive systems – Part 9-1: Ecodesign for power drive systems, motor starters, power electronics and their driven applications – General requirements for setting energy efficiency standards for power driven equipment using the extended product approach (EPA) and semi analytic model (SAM)

IEC 61800-9-2:2017
Adjustable speed electrical power drive systems – Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications – Energy efficiency indicators for power drive systems and motor starters

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Međunarodna normizacija IEC

IEC 62680-3-1:2017
Universal Serial Bus interfaces for data and power – Part 3-1:
Universal Serial Bus 3.1 Specification

29.220.30 Alkalni sekundarni članci i baterije

Međunarodna normizacija IEC

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

IEC 61951-2:2017
Secondary cells and batteries containing alkaline or other non acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 2: Nickel-metal hydride

29.260.20 Električni uređaji za eksplozivnu atmosferu

Međunarodna normizacija ISO/IEC

ISO/IEC 80079-20-2 Technical Corrigendum 1:2017
Explosive atmospheres – Part 20-2: Material characteristics – Combustible dusts test methods; Technical Corrigendum 1

29.280 Oprema za električnu vuču

Europska normizacija CENELEC

EN 50121-5:2017
Railway applications – Electromagnetic compatibility – Part 5: Emission and immunity of fixed power supply installations and apparatus

EN 50124-1:2017
Railway applications – Insulation coordination – Part 1: Basic requirements – Clearances and creepage distances for all electrical and electronic equipment

EN 50124-2:2017
Railway applications – Insulation coordination – Part 2: Overvoltages and related protection

31.020 Elektronički sastavni dijelovi općenito

Europska normizacija CENELEC

EN 62368-1:2014/AC:2017
Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2014, modified)

EN 63002:2017
Identification and communication interoperability method for external power supplies used with portable computing devices (IEC 63002:2016)

Međunarodna normizacija IEC

IEC 62321-7-2:2017
Determination of certain substances in electrotechnical products – Part 7-2: Hexavalent chromium – Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method

IEC 62321-8:2017
Determination of certain substances in electrotechnical products – Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS)

31.040.10 Nepromjenjivi otpornici

Europska normizacija CENELEC

EN 140401-802:2007/A3:2017
Detail specification: Fixed low power film SMD resistors – Rectangular – Stability classes 1; 2

EN 140401-803:2007/A3:2017
Detail specification: Fixed low power film SMD resistors – Cylindrical – Stability classes 0,05; 0,1; 0,25; 0,5; 1; 2

31.080.01 Poluvodičke naprave općenito

Međunarodna normizacija IEC

IEC 60749-3:2017
Semiconductor devices – Mechanical and climatic test methods – Part 3: External visual examination

IEC 60749-4:2017
Semiconductor devices – Mechanical and climatic test methods – Part 4: Damp heat, steady state, highly accelerated stress test (HAST)

IEC 60749-6:2017
Semiconductor devices – Mechanical and climatic test methods – Part 6: Storage at high temperature

IEC 60749-9:2017
Semiconductor devices – Mechanical and climatic test methods – Part 9: Permanence of marking

IEC 60749-28:2017
Semiconductor devices – Mechanical and climatic test methods – Part 28: Electrostatic discharge (ESD) sensitivity testing – Charged device model (CDM) – device level

IEC 62830-3:2017
Semiconductor devices – Semiconductor devices for energy harvesting and generation – Part 3: Vibration based electromagnetic energy harvesting

31.080.99 Ostale poluvodičke naprave

Međunarodna normizacija IEC

IEC 62830-1:2017
Semiconductor devices – Semiconductor devices for energy harvesting and generation – Part 1: Vibration based piezoelectric energy harvesting

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija IEC

IEC TR 62977-2-3:2017
Electronic display devices – Part 2-3: Measurements of optical properties – Multi-colour test patterns

31.180 Tiskani krugovi i pločice

Međunarodna normizacija IEC

IEC TR 61189-3-914:2017
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 3-914: Test method for thermal conductivity of printed circuit boards for high-brightness LEDs – Guidelines

IEC 62899-401:2017
Printed electronics – Part 401: Printability – Overview

IEC 62899-402-1:2017
Printed electronics – Part 402-1: Printability – Measurement of qualities – Pattern width

IEC 62899-502-1:2017
Printed electronics – Part 502-1: Quality assessment – Organic light emitting diode (OLED) elements – Mechanical stress testing of OLED elements formed on flexible substrates

31.260 Optoelektronika. Laserska oprema

Međunarodna normizacija

IEC

IEC 62899-502-1:2017
Printed electronics – Part 502-1: Quality assessment – Organic light emitting diode (OLED) elements – Mechanical stress testing of OLED elements formed on flexible substrates

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

ETSI

ETSI EN 300 440 V2.1.1:2017
Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 301 178 V2.2.1:2017
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only); Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 302 885 V2.2.2:2017
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class H DSC; Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

ETSI EN 302 885 V2.2.3:2017
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class H DSC; Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija

ETSI

ETSI EN 301 502 V12.5.2:2017
Global System for Mobile communications (GSM); Base Station (BS) equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 301 511 V12.5.1:2017
Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija

CENELEC

EN 50121-5:2017
Railway applications – Electromagnetic compatibility – Part 5: Emission and immunity of fixed power supply installations and apparatus

33.100.20 Otpornost

Međunarodna normizacija

IEC

IEC 61000-4-39:2017
Electromagnetic compatibility (EMC) – Part 4-39: Testing and measurement techniques – Radiated fields in close proximity – Immunity test

33.120.10 Koaksijalni kabeli. Valovodi

Europska normizacija

CENELEC

EN 50289-1-1:2017
Communication cables – Specifications for test methods – Part 1-1: Electrical test methods – General requirements

EN 50289-1-8:2017
Communication cables – Specifications for test methods – Part 1-8: Electrical test methods – Attenuation

EN 50289-1-9:2017
Communication cables – Specifications for test methods – Part 1-9: Electrical test methods – Unbalance attenuation (transverse conversion loss TCL transverse conversion transfer loss TCTL)

Međunarodna normizacija

IEC

IEC 60154-4:2017
Flanges for waveguides – Part 4: Relevant specifications for flanges for circular waveguides

33.120.30 RF konektori

Međunarodna normizacija

IEC

IEC 61169-11:2017
Radio-frequency connectors – Part 11: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 9,5 mm with threaded coupling – characteristic impedance 50 ohms (Type 4,1-9,5)

33.120.40 Antene

Europska normizacija

ETSI

ETSI EN 303 354 V1.1.1:2017
Amplifiers and active antennas for TV broadcast reception in domestic premises; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Europska normizacija

CENELEC

EN 62368-1:2014/AC:2017
Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2014, modified)

33.160.60 Multimedijski sustavi i telekonferencijska oprema

Međunarodna normizacija

IEC

IEC 62943:2017
Visible light beacon system for multimedia applications

33.170 Televizijski i radijski prijenos

Europska normizacija ETSI

ETSI EN 302 502 V2.1.1:2017
Wireless Access Systems (WAS); 5,8 GHz fixed broadband data transmitting systems; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 303 354 V1.1.1:2017
Amplifiers and active antennas for TV broadcast reception in domestic premises; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.180.01 Svjetlovodni sustavi općenito

Međunarodna normizacija IEC

IEC 61280-4-4:2017
Fibre optic communication subsystem test procedures – Part 4-4: Cable plants and links – Polarization mode dispersion measurement for installed links

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija CENELEC

EN 60794-1-2:2017
Optical fibre cables – Part 1-2: Generic specification – Basic optical cable test procedures (IEC 60794-1-2:2017)

EN 60794-2-22:2017
Optical fibre cables – Part 2-22: Indoor cables – Detail specification for multi-simplex breakout optical cables to be terminated with connectors (IEC 60794-2-22:2016)

33.180.20 Svjetlovodni vezne naprave

Europska normizacija CENELEC

EN 61202-1:2017
Fibre optic interconnecting devices and passive components – Fibre optic isolators – Part 1: Generic specification (IEC 61202-1:2016)

EN 61300-2-9:2017
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-9: Tests – Shock (IEC 61300-2-9:2017)

EN 61755-3-10:2017
Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 3-10: Connector parameters of non-dispersion shifted single mode physically contacting fibres – Non-angled, ferrule-less, bore alignment connectors (IEC 61755-3-10:2016)

Međunarodna normizacija IEC

IEC 61300-2-55:2017
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-55: Tests – Strength of mounted adaptor

33.180.30 Optička pojačala

Međunarodna normizacija IEC

IEC TR 62343-6-10:2017
Dynamic modules – Part 6-10: Design guide – Intermediate controller for multiple dynamic module systems

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Međunarodna normizacija IEC

IEC 62056-7-3:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks

35.020 Informacijska tehnologija (IT) općenito

Europska normizacija CEN

CEN/TR 16234-3:2017
e-Competence Framework (e-CF) – A common European Framework for ICT Professionals in all industry sectors – Part 3: Methodology

Međunarodna normizacija ISO/IEC

ISO/IEC 38505-1:2017
Information technology – Governance of IT – Governance of data – Part 1: Application of ISO/IEC 38500 to the governance of data

35.030 Sigurnost u informacijskoj tehnologiji

Europska normizacija CENELEC

EN 62368-1:2014/AC:2017
Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2014, modified)

Međunarodna normizacija ISO/IEC

ISO/IEC 18031 AMD 1:2017
Information technology – Security techniques – Random bit generation – Amendment 1: Deterministic random bit generation

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija ISO/IEC

ISO/IEC 14496-3 AMD 6:2017
Information technology – Coding of audio-visual objects – Part 3: Audio – Amendment 6: Profiles, levels and downmixing method for 22.2 channel programs

ISO/IEC 14496-5 AMD 42:2017
Reference software for the alternative depth information SEI message extension of AVC; Amendment 42

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Međunarodna normizacija ISO/IEC

ISO/IEC/IEEE 9945 Technical Corrigendum 2:2017
Information technology – Portable Operating System Interface (POSIX®) Base Specifications, Issue 7; Technical Corrigendum 2

ISO/IEC TR 19075-6:2017
Information technology – Database languages – SQL Technical Reports – Part 6: SQL support for JavaScript Object Notation (JSON)

ISO/IEC TR 19075-7:2017
Information technology – Database languages – SQL Technical Reports – Part 7: Polymorphic table functions in SQL

35.100.60 Sloj prikazivanja

Međunarodna normizacija ISO/IEC

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

35.100.70 Sloj primjene

Međunarodna normizacija IEC

IEC 62056-7-3:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks

35.110 Umrežavanje

Međunarodna normizacija ISO/IEC

ISO/IEC/IEEE 8802-3:2017
Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 3: Standard for Ethernet

35.160 Mikroprocesorski sustavi

Europska normizacija CENELEC

EN 62453-1:2017
Field Device Tool (FDT) interface specification – Part 1: Overview and guidance (IEC 62453-1:2016)

EN 62453-2:2017
Field Device Tool (FDT) Interface Specification – Part 2: Concepts and detailed Description (IEC 62453-2:2016)

35.200 Sučelna i spojna oprema

Europska normizacija CENELEC

EN 63002:2017
Identification and communication interoperability method for external power supplies used with portable computing devices (IEC 63002:2016)

Međunarodna normizacija IEC

IEC 62680-3-1:2017
Universal Serial Bus interfaces for data and power – Part 3-1: Universal Serial Bus 3.1 Specification

35.240.40 Primjene IT-a u bankarstvu

Međunarodna normizacija ISO

ISO 13491-2:2017
Financial services – Secure cryptographic devices (retail) – Part 2: Security compliance checklists for devices used in financial transactions

35.240.50 Primjene IT-a u industriji

Europska normizacija CENELEC

EN 62264-3:2017
Enterprise-control system integration – Part 3: Activity models of manufacturing operations management (IEC 62264-3:2016)

EN 62453-1:2017
Field Device Tool (FDT) interface specification – Part 1: Overview and guidance (IEC 62453-1:2016)

EN 62453-2:2017
Field Device Tool (FDT) Interface Specification – Part 2: Concepts and detailed Description (IEC 62453-2:2016)

Međunarodna normizacija IEC

IEC PAS 63088:2017
Smart manufacturing – Reference architecture model industry 4.0 (RAMI4.0)

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija CENELEC

EN 61375-2-3:2015/A11:2017
Electronic railway equipment – Train communication network (TCN) – Part 2-3: TCN communication profile

EN 61375-3-4:2014/A11:2017
Electronic railway equipment – Train communication network (TCN) – Part 3-4: Ethernet Consist Network (ECN)

Međunarodna normizacija ISO

ISO 24102-4 AMD 1:2017
Intelligent transport systems – Communications access for land mobiles (CALM) – ITS station management – Part 4: Station-internal management communications; Amendment 1

35.240.99 Primjene IT-a u ostalim područjima

Međunarodna normizacija IEC

IEC 62056-7-3:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks

37.040.01 Fotografija općenito

Međunarodna normizacija ISO

ISO/TR 19263-1:2017
Photography – Archiving systems – Part 1: Best practices for digital image capture of cultural heritage material

37.040.10 Fotografska oprema. Projektori

Međunarodna normizacija ISO

ISO/TR 17321-3:2017
Graphic technology and photography – Colour characterization of digital still cameras (DSCs) – Part 3: User controls and readouts for scene-referred imaging applications

43.040.20 Uređaji za osvjtljivanje, svjetlosnu signalizaciju i upozoravanje

Međunarodna normizacija IEC

IEC 60809:2014/AMD1:2017
Amendment 1 – Lamps for road vehicles – Dimensional, electrical and luminous requirements

IEC 60809:2014+A1:2017
Lamps for road vehicles – Dimensional, electrical and luminous requirements

IEC 60810:2014/AMD1:2017
Amendment 1 – Lamps for road vehicles – Performance requirements

IEC 60810:2014+A1:2017
Lamps for road vehicles – Performance requirements

45.020 Željeznička tehnika općenito

Europska normizacija CENELEC

EN 50121-5:2017
Railway applications – Electromagnetic compatibility – Part 5: Emission and immunity of fixed power supply installations and apparatus

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija CENELEC

EN 62625-1:2013/A11:2017
Electronic railway equipment – On board driving data recording system – Part 1: System specification

45.100 Oprema za žičare

Europska normizacija CEN

EN 13796-1:2017
Safety requirements for cableway installations designed to carry persons – Carriers – Part 1: Grips, carrier trucks, on-board brakes, cabins, chairs, carriages, maintenance carriers, tow-hangers

47.020.30 Cjevovodni sustavi

Međunarodna normizacija ISO

ISO 18154:2017
Ships and marine technology – Safety valve for cargo tanks of LNG carriers – Design and testing requirements

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija ETSI

ETSI EN 301 178 V2.2.1:2017
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only); Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

49.025.10 Čelici

Europska normizacija CEN

EN 2033:2017
Aerospace series – Strips, cold rolled in steel, Thickness 0,1 mm ≤ a ≤ 2,5 mm – Dimensions

49.025.40 Guma i plastika

Europska normizacija CEN

EN 2823:2017
Aerospace series – Fibre reinforced plastics – Determination of the effect of exposure to humid atmosphere on physical and mechanical characteristics

49.030.10 Vijčani navoji

Međunarodna normizacija ISO

ISO 15872:2017
Aerospace – UNJ threads – Gauging

49.030.50 Podložne pločice i ostali sigurnosni elementi

Europska normizacija CEN

EN 3903:2017
Aerospace series – Washers, laminated, in corrosion resisting steel

49.035 Sastavni dijelovi za zrakoplovne konstrukcije

Europska normizacija CEN

EN 2311:2017
Aerospace series – Bushes with self-lubricating liner – Technical specification

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija CEN

EN 2713-012:2017
Aerospace series – Cables, electrical, single and multicore for general purpose – Operating temperatures between – 55 °C and 200 °C – Part 012: MNA (1 core), MNB (pair), MNC (3 cores), MND (4 cores), cables family – Silver plated copper screened (spiral) and jacketed, UV laser printable – Product standard

EN 3375-011:2017
Aerospace series – Cable, electrical for digital data transmission – Part 011: Single braid – Star Quad 100 ohms – Light weight – Type KL – Product standard

EN 4008-003:2017
Aerospace series – Elements of electrical and optical connection – Crimping tools and associated accessories – Part 003: Positioner for crimping tool M22520/2-01 – Product standard

EN 4604-010:2017
Aerospace series – Cable, electrical, for signal transmission – Part 010: Cable, coaxial, light weight, 50 Ohms, 200 °C, type KX (light WD) – Product standard

EN 4674-001:2017
Aerospace series – Electrical cables, installation – Self-wrapping shielding (EMI) protective sleeve – Part 001: Technical specification

EN 4708-101:2017
Aerospace series – Sleeving, heat-shrinkable, for binding, insulation and identification – Part 101: Polyolefin sleeving – Operating temperatures -55 °C to 135 °C – Product standard

EN 6059-301:2017
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 301: Sun light exposure

EN 6059-302:2017
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 302: High temperature exposure

EN 6059-304:2017
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 304: Flammability

49.080 Hidraulični i pneumatski sustavi i sastavni dijelovi za zrakoplove

Europska normizacija CEN

EN 6138:2017
Aerospace series – Cap, protective, non-metallic for fitting ends ≤ 3 000 PSI hydraulic systems

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija CEN

EN 3375-011:2017
Aerospace series – Cable, electrical for digital data transmission – Part 011: Single braid – Star Quad 100 ohms – Light weight – Type KL – Product standard

EN 3745-510:2017
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 510: Bending test

EN 3745-516:2017
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 516: Severe cable bend test

EN 3745-517:2017
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 517: Cable tie clamping test

49.100 Zemaljska služba i oprema za održavanje

Europska normizacija CEN

EN 12312-6:2017
Aircraft ground support equipment – Specific requirements – Part 6: Deicers and de-icing/anti-icing equipment

Međunarodna normizacija ISO

ISO 12604-1:2017
Aircraft ground handling – Checked baggage – Part 1: Mass and dimensions

49.140 Svemirski sustavi i operacije

Europska normizacija CEN

EN 16603-50-05:2014/AC:2017
Space engineering – Radio frequency and modulation

53.040.20 Sastavni dijelovi za prijenosne trake

Međunarodna normizacija ISO

ISO 15236-3:2017
Steel cord conveyor belts – Part 3: Special safety requirements for belts for use in underground installations

53.100 Strojevi za zemljane radove

Međunarodna normizacija ISO

ISO 15818:2017
Earth-moving machinery – Lifting and tying-down attachment points – Performance requirements

55.130 Aerosolni spremnici

Europska normizacija CEN

EN 15007:2017
Aerosol containers – Tinplate containers – Dimensions of two and three-piece cans

EN 15008:2017
Aerosol containers – Aluminium containers – Dimensions of one-piece cans with 25,4 mm aperture

59.140.30 Koža i krzno

Europska normizacija CEN

EN 16887:2017
Leather – Environmental footprint – Product Category Rules (PCR) – Carbon footprints

65.020.20 Uzgoj biljaka

Međunarodna normizacija ISO

ISO 20311:2017
Traditional Chinese medicine – Salvia miltiorrhiza seeds and seedlings

65.080 Gnojiva

Međunarodna normizacija ISO

ISO 19670:2017
Fertilizers and soil conditioners – Solid urea aldehyde slow release fertilizer – General requirements

67.050 Opće metode ispitivanja i analize hrane

Europska normizacija CEN

CEN/TR 17063:2017
Foods of plant origin – Multimethod for the determination of pesticide residues using GC- or LC-based analysis following acetonitrile extraction/partitioning and cleanup by dispersive SPE – Validation data of the modular QuEChERS-method

67.200.10 Životinjske i biljne masti i ulja

Međunarodna normizacija ISO

ISO 12966-2:2017
Animal and vegetable fats and oils – Gas chromatography of fatty acid methyl esters – Part 2: Preparation of methyl esters of fatty acids

ISO 15302:2017
Animal and vegetable fats and oils – Determination of benzo[a]pyrene – Reverse-phase high performance liquid chromatography method

71.100.30 Eksplozivi. Pirotehnika i pirotehnička sredstva

Međunarodna normizacija ISO

ISO 25947-1:2017
Fireworks – Categories 1, 2 and 3 – Part 1: Terminology

ISO 25947-2:2017
Fireworks – Categories 1, 2 and 3 – Part 2: Categories and types

ISO 25947-3:2017
Fireworks – Categories 1, 2 and 3 – Part 3: Minimum labelling requirements

ISO 25947-4:2017
Fireworks – Categories 1, 2 and 3 – Part 4: Test methods

ISO 25947-5:2017
Fireworks – Categories 1, 2 and 3 – Part 5: Requirements for construction and performance

73.060.10 Željezove rude

Međunarodna normizacija ISO

ISO 10203:2017
Iron ores – Determination of calcium – Flame atomic absorption spectrometric method

ISO 13312:2017
Iron ores – Determination of potassium – Flame atomic absorption spectrometric method

ISO 13313:2017
Iron ores – Determination of sodium – Flame atomic absorption spectrometric method

75.160.20 Tekuća goriva

Međunarodna normizacija ISO

ISO 6246:2017
Petroleum products – Gum content of fuels – Jet evaporation method

ISO 8216-1:2017
Petroleum products – Fuels (class F) classification – Part 1: Categories of marine fuels

ISO 8217:2017
Petroleum products – Fuels (class F) – Specifications of marine fuels

75.160.40 Biogoriva

Međunarodna normizacija ISO

ISO 18135:2017
Solid Biofuels – Sampling

75.180.30 Volumetrijska oprema i mjerenja

Međunarodna normizacija ISO

ISO 12917-1:2017
Petroleum and liquid petroleum products – Calibration of horizontal cylindrical tanks – Part 1: Manual methods

77.020 Proizvodnja metala

Međunarodna normizacija ISO

IWA 19:2017
Guidance principles for the sustainable management of secondary metals

77.040.10 Mehaničko ispitivanje metala

Međunarodna normizacija ISO

ISO 12106:2017
Metallic materials – Fatigue testing – Axial-strain-controlled method

77.060 Korozija metala

Međunarodna normizacija ISO

ISO 6509-2:2017
Corrosion of metals and alloys – Determination of dezincification resistance of copper alloys with zinc – Part 2: Assessment criteria

ISO 9227:2017
Corrosion tests in artificial atmospheres – Salt spray tests

77.140.75 Čelične cijevi i čelične cijevi za posebnu namjenu

Međunarodna normizacija ISO

ISO 9349:2017
Ductile iron pipes, fittings, accessories and their joints – Thermal preinsulated products

77.150.10 Proizvodi od aluminija

Europska normizacija CEN

EN 12020-2:2016/AC:2017
Aluminium and aluminium alloys – Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 – Part 2: Tolerances on dimensions and form

EN 16914:2017
Aluminium and aluminium alloys – Hot-rolled armour plates in weldable aluminium alloy – Technical delivery conditions

Međunarodna normizacija ISO

ISO 6279:2017
Plain bearings – Aluminium alloys for solid bearings

79.060.20 Ploče vlaknatice i ploče iverice

Europska normizacija CEN

EN 14322:2017
Wood-based panels – Melamine faced boards for interior uses – Definition, requirements and classification

EN 14323:2017
Wood-based panels – Melamine faced boards for interior uses – Test methods

81.040.20 Staklo u graditeljstvu

Međunarodna normizacija ISO

- ISO 12540:2017
Glass in building – Tempered soda lime silicate safety glass
- ISO 16293-2:2017
Glass in building – Basic soda lime silicate glass products – Part 2: Float glass
- ISO 16293-3:2017
Glass in building – Basic soda lime silicate glass products – Part 3: Polished wired glass
- ISO 20657:2017
Glass in building – Heat soaked tempered soda lime silicate safety glass

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

- ISO 18608:2017
Fine ceramics (advanced ceramics, advanced technical ceramics) – Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure – Determination of the resistance to crack propagation by notch sensitivity testing

83.040.10 Lateks i sirova guma

Međunarodna normizacija ISO

- ISO 11852:2017
Rubber – Determination of magnesium content of field natural rubber latex by titration

83.040.20 Sastojci gume

Međunarodna normizacija ISO

- ISO 9298:2017
Rubber compounding ingredients – Zinc oxide – Test methods
- ISO 15825:2017
Rubber compounding ingredients – Carbon black – Determination of aggregate size distribution by disc centrifuge photosedimentometry

83.060 Guma

Međunarodna normizacija ISO

- ISO 23233 AMD 1:2017
Rubber, vulcanized or thermoplastic – Determination of resistance to abrasion using a driven, vertical abrasive disc; Amendment 1

83.080.01 Plastika općenito

Međunarodna normizacija ISO

- ISO 19929:2017
Plastics – Determination of average molecular mass and mixture ratio of poly(ethylene glycol) and its derivatives by MALDI-TOF-MS

83.080.20 Plastomerni materijali

Međunarodna normizacija ISO

- ISO 15023-1:2017
Plastics – Poly(vinyl alcohol) (PVAL) materials – Part 1: Designation system and basis for specifications
- ISO 16396-2:2017
Plastics – Polyamide (PA) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties
- ISO 20028-1:2017
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 1: Designation system and basis for specifications
- ISO 20028-2:2017
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties

87.040 Boje i lakovi

Međunarodna normizacija ISO

- ISO 16773-4:2017
Electrochemical impedance spectroscopy (EIS) on coated and uncoated metallic specimens – Part 4: Examples of spectra of polymer-coated and uncoated specimens

91.060.40 Dimnjaci, okna, kanali

Europska normizacija CEN

- EN 16475-2:2017
Chimneys – Accessories – Part 2: Chimney fans – Requirements and test methods
- EN 16497-2:2017
Chimneys – Concrete System Chimneys – Part 2: Balanced flue applications

91.080.01 Konstrukcije zgrada općenito

Međunarodna normizacija ISO

- ISO 3010:2017
Bases for design of structures – Seismic actions on structures
- ISO 12494:2017
Atmospheric icing of structures

91.080.13 Čelične konstrukcije

Europska normizacija CEN

- EN 1090-5:2017
Execution of steel structures and aluminium structures – Part 5: Technical requirements for cold-formed structural aluminium elements and cold-formed structures for roof, ceiling, floor and wall applications

91.080.17 Aluminijske konstrukcije

Europska normizacija CEN

- EN 1090-5:2017
Execution of steel structures and aluminium structures – Part 5: Technical requirements for cold-formed structural aluminium elements and cold-formed structures for roof, ceiling, floor and wall applications

91.080.20 Drvene konstrukcije

Međunarodna normizacija ISO

ISO 18100:2017
Timber structures – Finger-jointed timber – Manufacturing and production requirements

91.080.30 Zidarstvo

Europska normizacija CEN

EN 1052-2:2016/AC:2017
Methods of test for masonry – Part 2: Determination of flexural strength

91.080.40 Betonske konstrukcije

Međunarodna normizacija ISO

ISO 13315-4:2017
Environmental management for concrete and concrete structures – Part 4: Environmental design of concrete structures

91.100.25 Građevni proizvodi od pečene gline

Europska normizacija CEN

EN 772-5:2016/AC:2017
Methods of test for masonry units – Part 5: Determination of the active soluble salts content of clay masonry units

91.100.30 Beton i betonski proizvodi

Međunarodna normizacija ISO

ISO 13315-4:2017
Environmental management for concrete and concrete structures – Part 4: Environmental design of concrete structures

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija CEN

EN 13653:2017
Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of shear strength

EN 14223:2017
Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of water absorption

EN 14691:2017
Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Compatibility by heat conditioning

EN 14692:2017
Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of the resistance to compaction of an asphalt layer

EN 14694:2017
Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of resistance to dynamic water pressure after damage by pre-treatment

EN 15651-5:2017
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 5: Assessment and verification of constancy of performance, marking and labelling

91.100.60 Materijali za toplinsku i zvučnu izolaciju

Međunarodna normizacija ISO

ISO 17738-1:2017
Thermal insulation products – Exterior insulation and finish systems – Part 1: Materials and systems

91.120.10 Toplinska izolacija

Europska normizacija CEN

CEN/TR 15193-2:2017
Energy performance of buildings – Energy requirements for lighting – Part 2: Explanation and justification of EN 15193-1, Module M9

91.120.25 Zaštita od seizmičkih djelovanja i vibracija

Međunarodna normizacija ISO

ISO 3010:2017
Bases for design of structures – Seismic actions on structures

91.120.40 Zaštita od groma

Međunarodna normizacija IEC

IEC 62561-1:2017
Lightning protection system components (LPSC) – Part 1: Requirements for connection components

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija CENELEC

EN 62054-11:2004/A1:2017
Electricity metering (a.c.) – Tariff and load control – Part 11: Particular requirements for electronic ripple control receivers (IEC 62054-11:2004/A1:2016)

Međunarodna normizacija IEC

IEC 60364-4-41:2005/Amd1:2017
Amendment 1 – Low voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock

IEC 60364-4-41:2005+A1:2017
Low voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock

IEC 60364-7-7-704:2017
Low-voltage electrical installations – Part 7-704: Requirements for special installations or locations – Construction and demolition site installations

IEC 62056-7-3:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks

91.140.99 Ostale norme koje se odnose na zgrade

Europska normizacija
CEN

CEN/TR 15193-2:2017
Energy performance of buildings – Energy requirements for lighting – Part 2: Explanation and justification of EN 15193-1, Module M9

91.160.01 Rasvjeta općenito

Europska normizacija
CEN

CEN/TR 15193-2:2017
Energy performance of buildings – Energy requirements for lighting – Part 2: Explanation and justification of EN 15193-1, Module M9

93.025 Vanjski vodovodni sustavi

Međunarodna normizacija
ISO

ISO 9349:2017
Ductile iron pipes, fittings, accessories and their joints – Thermal preinsulated products

93.080.20 Materijali za gradnju cesta

Europska normizacija
CEN

EN 14187-2:2017
Cold applied joint sealants – Test methods – Part 2: Determination of tack free time

EN 14187-3:2017
Cold applied joint sealants – Test methods – Part 3: Determination of self-levelling properties

EN 14187-4:2017
Cold applied joint sealants – Test methods – Part 4: Determination of the change in mass and volume after immersion in test fuels and liquid chemicals

EN 14187-6:2017
Cold applied joint sealants – Test method – Part 6: Determination of the adhesion/cohesion properties after immersion in test fuels and liquid chemicals

EN 14187-8:2017
Cold applied joint sealants – Test methods – Part 8: Determination of the artificial weathering by UV-irradiation

93.080.30 Cestovna oprema i instalacije

Europska normizacija
CEN

EN 1793-1:2017
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija
IEC

IEC 60335-2-38:2002/Amd2:2017
Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills; Amendment 2

IEC 60335-2-38:2002+A1:2008+A2:2017
Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills

97.100.10 Električni grijači

Međunarodna normizacija
IEC

IEC 60335-2-53:2011/Amd 1:2017/Cor1:2017
Household and similar electrical appliances – Safety – Part 2-53: Particular requirements for sauna heating appliances and infrared cabins

97.140 Namještaj

Europska normizacija
CEN

EN 581-1:2017
Outdoor furniture – Seating and tables for camping, domestic and contract use – Part 1: General safety requirements

97.200.30 Oprema za kampiranje i kampove

Europska normizacija
CEN

EN 581-1:2017
Outdoor furniture – Seating and tables for camping, domestic and contract use – Part 1: General safety requirements

97.220.20 Oprema za zimske sportove

Međunarodna normizacija
ISO

ISO 10256-5:2017
Protective equipment for use in ice hockey – Part 5: Neck laceration protectors for ice hockey players