

Hrvatski zavod za norme

Oglasnik za normativne dokumente

9/2018 rujan, 2018.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 54-7:2018 en pr
Sustavi za otkrivanje i dojavu požara – 7. dio: Detektori dima – Točkasti detektori s raspršivanjem svjetla, prolaskom svjetla ili ionizacijom (EN 54-7:2018)
Fire detection and fire alarm systems – Part 7: Smoke detectors – Point smoke detectors that operate using scattered light, transmitted light or ionization (EN 54-7:2018)

HRN EN 16712-4:2018 en pr
Prijenosna oprema za stvaranje i nanašanje sredstva za gašenje pomoću vatrogasnih pumpi – Prijenosna oprema za pjenu – 4. dio: Generatori pjene visoke ekspanzije (lake pjene) PN 16 (EN 16712-4:2018)
Portable equipment for projecting extinguishing agents supplied by firefighting pumps – Portable foam equipment – Part 4: High expansion foam generators PN16 (EN 16712-4:2018)

HZN/TO 22, *Cestovna vozila*

HRN EN ISO 16380:2018 en pr
Cestovna vozila – Priključak za punjenje mješavinom goriva (ISO 16380:2014+Amd 1:2016; EN ISO 16380:2018)
Road vehicles – Blended fuels refuelling connector (ISO 16380:2014+Amd 1:2016; EN ISO 16380:2018)

HRN EN ISO 18541-5:2018 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 5. dio: Posebne odredbe za teška vozila (ISO 18541-5:2018; EN ISO 18541-5:2018)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 5: Heavy duty specific provision (ISO 18541-5:2018; EN ISO 18541-5:2018)

HZN/TO 25, *Ljevarstvo*

HRN EN 1563:2018 en pr
Ljevarstvo – Nodularni lijevovi (EN 1563:2018)
Founding – Spheroidal graphite cast irons (EN 1563:2018)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN 15293:2018 en pr
Goriva za motorna vozila – Etanol (E85) gorivo za motorna vozila – Zahtjevi i metode ispitivanja (EN 15293:2018)
Automotive fuels – Ethanol (E85) automotive fuel – Requirements and test methods (EN 15293:2018)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 22000:2018 en pr
Sustavi upravljanja sigurnošću hrane – Zahtjevi za svaku organizaciju u lancu hrane (ISO 22000:2018; EN ISO 22000:2018)
Food safety management systems – Requirements for any organization in the food chain (ISO 22000:2018; EN ISO 22000:2018)

HZN/TO 43, *Akustika*

HRN EN ISO 16283-2:2018 en pr
Akustika – Terensko mjerenje zvučne izolacije u zgradama i građevnih dijelova zgrade – 2. dio: Udarna zvučna izolacija (ISO 16283-2:2018; EN ISO 16283-2:2018)
Acoustics – Field measurement of sound insulation in buildings and of building elements – Part 2: Impact sound insulation (ISO 16283-2:2018; EN ISO 16283-2:2018)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN 560:2018 en pr
Oprema za plinsko zavarivanje – Priklučci crijeva za opremu za zavarivanje, rezanje i srodne postupke (EN 560:2018)
Gas welding equipment – Hose connections for equipment for welding, cutting and allied processes (EN 560:2018)

HRN EN 1395-5:2018 en pr
Toplinsko naštrcavanje – Pregled pri preuzimanju opreme za toplinsko naštrcavanje – 5. dio: Naštrcavanje plazmom u komorama (EN 1395-5:2018)
Thermal spraying – Acceptance inspection of thermal spraying equipment – Part 5: Plasma spraying in chambers (EN 1395-5:2018)

HRN EN ISO 3690:2018 en pr
Zavarivanje i srodni postupci – Određivanje sadržaja vodika u elektrolučno zavarenome metalu (ISO 3690:2018; EN ISO 3690:2018)
Welding and allied processes – Determination of hydrogen content in arc weld metal (ISO 3690:2018; EN ISO 3690:2018)

HRN EN 13507:2018 en pr
Toplinsko naštrcavanje – Priprema površina metalnih dijelova i komponenata za toplinsko naštrcavanje (EN 13507:2018)
Thermal spraying – Pre-treatment of surfaces of metallic parts and components for thermal spraying (EN 13507:2018)

HRN EN ISO 15626:2018 en pr
Nerazorno ispitivanje zavarenih spojeva – Tehnika ultrazvučne difrakcije (TOFD) – Razine prihvatljivosti (ISO 15626:2018; EN ISO 15626:2018)
Non-destructive testing of welds – Time-of-flight diffraction technique (TOFD) – Acceptance levels (ISO 15626:2018; EN ISO 15626:2018)

HRN EN 17001:2018 en pr
Toplinsko naštrcavanje – Komponente s toplinski naštrcanim prevlakama – Specifikacija prevlake (EN 17001:2018)
Thermal spraying – Components with thermally sprayed coatings – Coating specification (EN 17001:2018)

HRN EN 17002:2018 en pr
Toplinsko naštrcavanje – Komponente s toplinski naštrcanim prevlakama – Specifikacija postupka toplinskim naštrcavanjem (EN 17002:2018)
Thermal spraying – Components with thermally sprayed coatings – Thermal spray procedure specification (EN 17002:2018)

HRI CEN ISO/TR 20173:2018 en pr
Zavarivanje – Sustavi razvrstavanja materijala – Američki materijali (ISO 20173:2018; CEN ISO/TR 20173:2018)
Welding – Grouping systems for materials – American materials (ISO 20173:2018; CEN ISO/TR 20173:2018)

HZN/TO 71, *Beton*

HRN EN 12390-14:2018 en pr
Ispitivanje očvrsluologa betona – 14. dio: Poluadijabska metoda za određivanje topline oslobođene za vrijeme procesa očvršćivanja betona (EN 12390-14:2018)
Testing hardened concrete – Part 14: Semi-adiabatic method for the determination of heat released by concrete during its hardening process (EN 12390-14:2018)

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN ISO 11699-2:2018 en pr
Nerazorno ispitivanje – Film za industrijsku radiografiju – 2. dio: Provjera kemijske obrade filma pomoću referentnih vrijednosti (ISO 11699-2:2018; EN ISO 11699-2:2018)
Non-destructive testing – Industrial radiographic films – Part 2: Control of film processing by means of reference values (ISO 11699-2:2018; EN ISO 11699-2:2018)

HRN EN 17119:2018 en pr
Nerazorno ispitivanje – Termografsko ispitivanje – Aktivna termografija (EN 17119:2018)
Non-destructive testing – Thermographic testing – Active thermography (EN 17119:2018)

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

HRN EN ISO 11296-3:2018 en pr
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 3. dio: Oblaganje prijanjajućim cijevima (ISO 11296-3:2018; EN ISO 11296-3:2018)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes (ISO 11296-3:2018; EN ISO 11296-3:2018)

HRN EN ISO 15874-2:2013/A1:2018 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 2. dio: Cijevi (ISO 15874-2:2013/Amd 1:2018; EN ISO 15874-2:2013/A1:2018)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes (ISO 15874-2:2013/Amd 1:2018; EN ISO 15874-2:2013/A1:2018)

HRN EN ISO 15874-3:2013/A1:2018 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 3. dio: Spojnice (ISO 15874-3:2013/Amd 1:2018; EN ISO 15874-3:2013/A1:2018)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings (ISO 15874-3:2013/Amd 1:2018; EN ISO 15874-3:2013/A1:2018)

HRN EN ISO 15874-5:2013/A1:2018 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 5. dio: Prikladnost sustava za uporabu (ISO 15874-5:2013/Amd 1:2018; EN ISO 15874-5:2013/A1:2018)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 5: Fitness for purpose of the system (ISO 15874-5:2013/Amd 1:2018; EN ISO 15874-5:2013/A1:2018)

HZN/TO 159, *Ergonomija*

HRN EN ISO 9241-306:2018 en pr
Ergonomija interakcije čovjek-sustav – 306. dio: Metode ocjene zaslona na licu mjesta za elektroničke vizualne zaslone (ISO 9241-306:2018; EN ISO 9241-306:2018)
Ergonomics of human-system interaction – Part 306: Field assessment methods for electronic visual displays (ISO 9241-306:2018; EN ISO 9241-306:2018)

HZN/TO 163, *Toplinska izolacija*

HRN EN 13497:2018 en pr
Toplinsko-izolacijski proizvodi za primjenu u zgradarstvu – Određivanje otpornosti na udar povezanih sustava za vanjsku toplinsku izolaciju (ETICS) (EN 13497:2018)
Thermal insulation products for building applications – Determination of the resistance to impact of external thermal insulation composite systems (ETICS) (EN 13497:2018)

HRN EN 17101:2018 en pr
Toplinsko-izolacijski proizvodi za zgrade – Metode identifikacije i metode ispitivanja za jednokomponentnu PU pjenu za lijepljenje za kompozitne sustave vanjske toplinske izolacije (ETICS) (EN 17101:2018)
Thermal insulation products for buildings – Methods of identification and test methods for one-component PU adhesive foam for External Thermal Insulation Composite Systems (ETICS) (EN 17101:2018)

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

HRN EN 1400:2018 en pr
Proizvodi za dojenčad i malu djecu – Duge varalice za dojenčad i malu djecu – Sigurnosni zahtjevi i metode ispitivanja (EN 1400:2013+A2:2018)
Child use and care articles – Soothers for babies and young children – Safety requirements and test methods (EN 1400:2013+A2:2018)

HRN EN 16232:2018 en pr
Proizvodi za dojenčad i malu djecu – Njihaljke za dojenčad (EN 16232:2013+A1:2018)
Child use and care articles – Infant swings (EN 16232:2013+A1:2018)

HZN/TO 215, *Medicinska informatika*

HRN EN ISO 11238:2018 en pr
Medicinska informatika – Identifikacija medicinskih proizvoda – Podaci i strukture za jedinstvenu identifikaciju i razmjenu propisanih informacija o sastojcima (ISO 11238:2018; EN ISO 11238:2018)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on substances (ISO 11238:2018; EN ISO 11238:2018)

HZN/TO 218, *Drvo*

HRN EN 13756:2018 en,fr,de pr
Drvene podne obloge i parket – Nazivlje (EN 13756:2018)
Wood flooring and parquet – Terminology (EN 13756:2018)

HRS CEN/TS 16818:2018 en pr
Trajnost drva i proizvoda na osnovi drva – Dinamika vlage drva i proizvoda na osnovi drva (CEN/TS 16818:2018)
Durability of wood and wood-based products – Moisture dynamics of wood and wood-based products (CEN/TS 16818:2018)

HZN/TO 301, *Upravljanje energijom i ušteda energije*

HRN EN ISO 50001:2018 en pr
Sustavi upravljanja energijom – Zahtjevi s uputama za uporabu (ISO 50001:2018; EN ISO 50001:2018)
Energy management systems – Requirements with guidance for use (ISO 50001:2018; EN ISO 50001:2018)

HZN/TO 503, *Metalni materijali*

HRN EN ISO 8251:2018 en pr
Anodizacija aluminija i njegovih legura – Mjerenje otpornosti na abraziju prevlaka dobivenih anodnom oksidacijom (ISO 8251:2018; EN ISO 8251:2018)
Anodizing of aluminium and its alloys – Measurement of abrasion resistance of anodic oxidation coatings (ISO 8251:2018; EN ISO 8251:2018)

HRN EN ISO 8434-1:2018 en pr
Metalni cijevni priključci za upotrebu u hidraulici i pneumatici te za opću namjenu – 1. dio: 24° stožasti priključci (ISO 8434-1:2018; EN ISO 8434-1:2018)
Metallic tube connections for fluid power and general use – Part 1: 24° cone connectors (ISO 8434-1:2018; EN ISO 8434-1:2018)

HZN/TO 509, *Cestovna oprema*

HRN EN 1793-5:2016/Ispr.1:2018 en pr
Barijere za zaštitu od buke s cesta – Metoda ispitivanja za određivanje akustičkih svojstava – 5. dio: Osnovne značajke – In situ vrijednosti refleksije zvuka pod izravnim utjecajem zvučnog polja (EN 1793-5:2016/AC:2018)
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – In situ values of sound reflection under direct sound field conditions (EN 1793-5:2016/AC:2018)

HZN/TO 531, *Plastika i guma*

HRN EN ISO 1856:2018 en pr
Savitljivi pjenasti polimerni materijali – Određivanje ostatne stlačivosti (ISO 1856:2018; EN ISO 1856:2018)
Flexible cellular polymeric materials – Determination of compression set (ISO 1856:2018; EN ISO 1856:2018)

HRN EN ISO 8067:2018 en pr
Savitljivi pjenasti polimerni materijali – Određivanje zaderne čvrstoće (ISO 8067:2018; EN ISO 8067:2018)
Flexible cellular polymeric materials – Determination of tear strength (ISO 8067:2018; EN ISO 8067:2018)

HRN EN ISO 8307:2018 en pr
Savitljivi pjenasti polimerni materijali – Određivanje elastičnosti odskokom kuglice (ISO 8307:2018; EN ISO 8307:2018)
Flexible cellular polymeric materials – Determination of resilience by ball rebound (ISO 8307:2018; EN ISO 8307:2018)

HRN EN ISO 12058-1:2018 en pr
Plastika – Određivanje viskoznosti viskozimetrom s padajućom kuglicom – 1. dio: Metoda s nagnutom cijevi (ISO 12058-1:2018; EN ISO 12058-1:2018)
Plastics – Determination of viscosity using a falling-ball viscometer – Part 1: Inclined-tube method (ISO 12058-1:2018; EN ISO 12058-1:2018)

HRN EN ISO 14855-2:2018 en pr
Određivanje krajnje aerobne biorazgradljivosti plastičnih materijala pod kontroliranim uvjetima kompostiranja – Metoda analize nastalog ugljikovog dioksida – 2. dio: Gravimetrijsko mjerenje ugljikovog dioksida nastalog ispitivanjem u laboratorijskom mjerilu (ISO 14855-2:2018; EN ISO 14855-2:2018)
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test (ISO 14855-2:2018; EN ISO 14855-2:2018)

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

HRN EN 1096-4:2018 en pr
Staklo u graditeljstvu – Staklo s premazom – 4. dio: Norma za proizvod (EN 1096-4:2018)
Glass in building – Coated glass – Part 4: Product standard (EN 1096-4:2018)

HRN EN 12519:2018 en,fr,de pr
Prozori i pješačka vrata – Nazivlje (EN 12519:2018)
Windows and pedestrian doors – Terminology (EN 12519:2018)

HRN EN 13126-6:2018 en pr
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 6. dio: Šarke s promjenjivom geometrijom zadržavanja (s kočnim sustavom ili bez njega) (EN 13126-6:2018)
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 6: Variable geometry stay hinges (with or without a friction stay) (EN 13126-6:2018)

HZN/TO 544, Strojni elementi

HRN EN ISO 888:2018 en pr
Spojni elementi – Vijci i svorni vijci – Nazivne duljine i navojne duljine (ISO 888:2012; EN ISO 888:2018)
Fasteners – Bolts, screws and studs – Nominal lengths and thread lengths (ISO 888:2012; EN ISO 888:2018)

HRN EN ISO 898-3:2018 en pr
Mehanička svojstva spojnih elemenata izrađenih od ugljičnih i legiranih čelika – 3. dio: Ravne podložne ploče sa specificiranim razredima čvrstoće (ISO 898-3:2018; EN ISO 898-3:2018)
Mechanical properties of fasteners made of carbon steel and alloy steel – Part 3: Flat washers with specified property classes (ISO 898-3:2018; EN ISO 898-3:2018)

HRN EN 14399-7:2018 en pr
Visokočvrsti konstrukcijski predopterećeni vijčani spojevi – 7. dio: Sustav HR – Spojevi vijka s upuštenom glavom i matice (EN 14399-7:2018)
High-strength structural bolting assemblies for preloading – Part 7: System HR – Countersunk head bolt and nut assemblies (EN 14399-7:2018)

HRN EN 14399-8:2018 en pr
Visokočvrsti konstrukcijski predopterećeni vijčani spojevi – 8. dio: Sustav HV – Spojevi dosjednog vijka sa šesterokutnom glavom i šesterokutne matice (EN 14399-8:2018)
High-strength structural bolting assemblies for preloading – Part 8: System HV – Hexagon fit bolt and nut assemblies (EN 14399-8:2018)

HZN/TO 550, Opskrba vodom

HRN EN 17093:2018 en pr
Domestic appliances used for drinking water treatment not connected to water supply – Jug water filter systems – Safety and performance requirements, labeling and information to be supplied (EN 17093:2018)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 11139:2018 en pr
Sterilizacija proizvoda za zdravstvenu skrb – Terminološki rječnik – Nazivi koji se upotrebljavaju u sterilizaciji i normama za opremu i procese (ISO 11139:2018; EN ISO 11139:2018)
Sterilization of health care products – Vocabulary – Terms used in sterilization and related equipment and process standards (ISO 11139:2018; EN ISO 11139:2018)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 14458:2018 en pr
Osobna oprema za oči – Viziri visoke učinkovitosti namijenjeni isključivo za zaštitne kacige (EN 14458:2018)
Personal eye-equipment – High performance visors intended only for use with protective helmets (EN 14458:2018)

HZN/TO 557, Zaštitna odjeća

HRN EN 1073-1:2018 en pr
Odjeća za zaštitu od čvrstih čestica raspršenih u zraku uključujući radioaktivnu kontaminaciju – 1. dio: Zahtjevi i metode ispitivanja za zaštitnu odjeću s cijevnim prozračivanjem stlačenim zrakom, koja štiti tijelo i dišne organe (EN 1073-1:2016+A1:2018)
Protective clothing against solid airborne particles including radioactive contamination – Part 1: Requirements and test methods for compressed air line ventilated protective clothing, protecting the body and the respiratory tract (EN 1073-1:2016+A1:2018)

HRN EN 1149-5:2018 en pr
Zaštitna odjeća – Elektrostatička svojstva – 5. dio: Zahtjevi za svojstva materijala i dizajn (EN 1149-5:2018)
Protective clothing – Electrostatic properties – Part 5: Material performance and design requirements (EN 1149-5:2018)

HZN/TO 560, Tekstilni proizvodi

HRN EN 16779-1:2018 en pr
Tekstilni proizvodi za njegu djeteta – Sigurnosni zahtjevi i metode ispitivanja popluna za dječji krevetić – 1. dio: Popluni (osim popluna prekrivača) (EN 16779-1:2018)
Textile child care articles – Safety requirements and test methods for children's cot duvets – Part 1: Duvet (excluding duvet covers) (EN 16779-1:2018)

HRN EN 16780:2018 en pr
Tekstilni proizvodi za njegu djeteta – Sigurnosni zahtjevi i metode ispitivanja odbojnika za dječji krevetić (EN 16780:2018)
Textile child care articles – Safety requirements and test methods for children's cot bumpers (EN 16780:2018)

HRN EN 16781:2018 en pr
Tekstilni proizvodi za njegu djeteta – Sigurnosni zahtjevi i metode ispitivanja dječjih vreća za spavanje za upotrebu u dječjim krevetićima (EN 16781:2018)
Textile child care articles – Safety requirements and test methods for children's sleep bags for use in a cot (EN 16781:2018)

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

HRN EN 12493:2018 en pr
Oprema i pribor za UNP – Zavarene čelične tlačne posude za UNP spremnike za cestovna vozila – Projektiranje i proizvodnja (EN 12493:2013+A2:2018)
LPG equipment and accessories – Welded steel pressure vessels for LPG road tankers – Design and manufacture (EN 12493:2013+A2:2018)

HRN EN 13445-2:2014/A3:2018 en pr
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2014/A3:2018)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2014/A3:2018)

HRN EN 13445-5:2014/A1:2018 en pr
Neložene tlačne posude – 5. dio: Pregled i ispitivanje (EN 13445-5:2014/A1:2018)
Unfired pressure vessels – Part 5: Inspection and testing (EN 13445-5:2014/A1:2018)

HRN EN ISO 13769:2018 en pr
Plinske boce – Označavanje žigovima (ISO 13769:2018; EN ISO 13769:2018)
Gas cylinders – Stamp marking (ISO 13769:2018; EN ISO 13769:2018)

HRN EN 16510-1:2018 en pr
Uređaji na kruta goriva za kućanstvo – 1. dio: Opći zahtjevi i metode ispitivanja (EN 16510-1:2018)
Residential solid fuel burning appliances – Part 1: General requirements and test methods (EN 16510-1:2018)

HRN EN ISO 17871:2015/A1:2018 en pr
Plinske boce – Brzootvarajući ventili – Specifikacija i
ispitivanje tipa (ISO 17871:2015/Amd 1:2018;
EN ISO 17871:2015/A1:2018)
Gas cylinders – Quick-release cylinder valves – Specification
and type testing (ISO 17871:2015/Amd 1:2018;
EN ISO 17871:2015/A1:2018)

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

HRN EN 13451-10:2018 en pr
Oprema za bazene – 10. dio: Dodatni posebni sigurnosni
zahtjevi i metode ispitivanja za platforme za ronjenje, ronilačke
odskočne daske i pripadajuću opremu (EN 13451-10:2018)
Swimming pool equipment – Part 10: Additional specific
safety requirements and test methods for diving
platforms, diving springboards and associated equipment
(EN 13451-10:2018)

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

HRN ISO 10001:2018 en pr
Upravljanje kvalitetom – Zadovoljstvo kupca – Smjernice za
kodeks ponašanja za organizacije (ISO 10001:2018)
Quality management – Customer satisfaction – Guidelines for
codes of conduct for organizations (ISO 10001:2018)

HRN ISO 10002:2018 en pr
Upravljanje kvalitetom – Zadovoljstvo kupca – Smjernice
za postupanje s reklamacijama u organizacijama
(ISO 10002:2018)
Quality management – Customer satisfaction – Guidelines for
complaints handling in organizations (ISO 10002:2018)

HRN ISO 10003:2018 en pr
Upravljanje kvalitetom – Zadovoljstvo kupca – Smjernice za
rješavanje sporova izvan organizacija (ISO 10003:2018)
Quality management – Customer satisfaction – Guidelines for
dispute resolution external to organizations (ISO 10003:2018)

HRN ISO 10004:2018 en pr
Upravljanje kvalitetom – Zadovoljstvo kupca – Smjernice za
praćenje i mjerenje (ISO 10004:2018)
Quality management – Customer satisfaction – Guidelines for
monitoring and measuring (ISO 10004:2018)

HRN ISO 10005:2018 en pr
Sustavi upravljanja kvalitetom – Smjernice za planove
kvalitete (ISO 10005:2018)
Quality management – Guidelines for quality plans
(ISO 10005:2018)

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

HRN EN 16167:2018 en pr
Tlo, obrađeni biootpad i mulj – Određivanje polikloriranih
bifenila (PCB) metodom plinske kromatografije-spektrometrije
masa (GC-MS) i plinskom kromatografijom s detektorom
zahvata elektrona (GC-ECD) (EN 16167:2018)
Soil, treated biowaste and sludge – Determination of
polychlorinated biphenyls (PCB) by gas chromatography with
mass selective detection (GC-MS) and gas chromatography
with electron-capture detection (GC-ECD) (EN 16167:2018)

HZN/TO E2, Rotacijski strojevi

HRN EN IEC 60034-4-1:2018 en pr
Rotacijski električni strojevi – Dio 4-1: Metode za određivanje
parametara sinkronih strojeva s električnom uzbudom
ispitivanjima (IEC 60034-4-1:2018; EN IEC 60034-4-1:2018)
Rotating electrical machines – Part 4-1: Methods
for determining electrically excited synchronous
machine quantities from tests (IEC 60034-4-1:2018;
EN IEC 60034-4-1:2018)

HZN/TO E11, Nadzemni vodovi

HRN EN 50341-2-9:2017/A1:2018 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/A1:2018)
Overhead electrical lines exceeding AC 1 kV – Part 2-9:
National Normative Aspects (NNA) for Great Britain
and Northern Ireland (based on EN 50341-1:2012)
(EN 50341-2-9:2017/A1:2018)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 62271-102:2018 en pr
Visokonaponska sklopna aparatura – 102. dio:
Visokonaponski rastavljači i zemljospojnici izmjenične struje
(IEC 62271-102:2018; EN IEC 62271-102:2018)
High-voltage switchgear and controlgear – Part 102:
Alternating current disconnectors and earthing switches
(IEC 62271-102:2018; EN IEC 62271-102:2018)

HZN/TO E31, Eksplozivne atmosfere

HRN EN 60079-1:2014/Ispr.1:2018 en pr
Eksplozivne atmosfere – 1. dio: Vrsta zaštite opreme
oklapanje "d" (IEC 60079-1:2014/Corr.1:2018;
EN 60079-1:2014/AC:2018)
Explosive atmospheres – Part 1: Equipment protection by
flameproof enclosures "d" (IEC 60079-1:2014/Corr.1:2018;
EN 60079-1:2014/AC:2018)

HRN EN 60079-14:2014/Ispr.1:2018 en pr
Eksplozivne atmosfere – 14. dio: Projektiranje, odabir i
izvođenje električnih instalacija (IEC 60079-14:2013/Corr.1:2016;
EN 60079-14:2014/AC:2016)
Explosive atmospheres – Part 14: Electrical installations design,
selection and erection (IEC 60079-14:2013/Corr.1:2016;
EN 60079-14:2014/AC:2016)

HRN EN 60079-18:2015/Ispr.1:2018 en pr
Eksplozivne atmosfere – 18. dio: Vrsta zaštite opreme
oblaganje "m" (IEC 60079-18:2014/Corr.1:2018;
EN 60079-18:2015/AC:2018)
Explosive atmospheres – Part 18: Equipment protection
by encapsulation "m" (IEC 60079-18:2014/Corr.1:2018;
EN 60079-18:2015/AC:2018)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 60238:2018/A1:2018 en pr
Grla za žarulje s Edisonovim navojem (IEC 60238:2016/am1:2017;
EN IEC 60238:2018/A1:2018)
Edison screw lampholders (IEC 60238:2016/am1:2017;
EN IEC 60238:2018/A1:2018)

HRN EN 62386-101:2016/A1:2018 en pr
Digitalno upravljanje rasvjetom – 101. dio: Opći zahtjevi
– Komponente sustava (IEC 62386-101:2014/am1:2018;
EN 62386-101:2016/A1:2018)
Digital addressable lighting interface – Part 101:
General requirements – System components
(IEC 62386-101:2014/am1:2018; EN 62386-101:2016/A1:2018)

HRN EN IEC 62442-2:2018 en pr
Energetske značajke predspojnih naprava – 2. dio:
Predspojne naprave za visokoučinkovite žarulje s izbojem
(osim fluorescentnih žarulja) – Mjerna metoda za određivanje
učinkovitosti predspojne naprave (IEC 62442-2:2018;
EN IEC 62442-2:2018)
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 62442-2:2018; EN IEC 62442-2:2018)

HRN EN IEC 62442-3:2018 en pr
Energetske značajke predspojnih naprava – 3. dio: Predspojne
naprave za volframove halogene žarulje i svjetleće diode
– Mjerna metoda za određivanje učinkovitosti predspojne
naprave (IEC 62442-3:2018; EN IEC 62442-3:2018)
Energy performance of lamp controlgear – Part 3: Controlgear
for tungsten-halogen lamps and LED light sources – Method
of measurement to determine the efficiency of controlgear
(IEC 62442-3:2018; EN IEC 62442-3:2018)

HZN/TO E36, Izolatori

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

HRN EN 61466-2:2008/A2:2018 en pr
Kompozitni lančasti izolatori za nadzemne vodove
nazivnog napona većeg od 1 kV – 2. dio: Dimenzionalne i
električne karakteristike (IEC 61466-2:1998/am2:2018;
EN 61466-2:1998/A2:2018)
Composite string insulator units for overhead lines with a
nominal voltage greater than 1 000 V – Part 2: Dimensional
and electrical characteristics (IEC 61466-2:1998/am2:2018;
EN 61466-2:1998/A2:2018)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN IEC 62325-451-6:2018 en pr
Okvir za komunikaciju na tržištu električnom energijom – Dio 451-6: Objava informacija o tržišnim, kontekstualnim i skupnim modelima za europsko tržište (IEC 62325-451-6:2018; EN IEC 62325-451-6:2018)
Framework for energy market communications – Part 451-6: Publication of information on market, contextual and assembly models for European-style markets (IEC 62325-451-6:2018; EN IEC 62325-451-6:2018)

HRN EN 62351-3:2015/A1:2018 en pr
Upravljanje energetskim sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 3. dio: Sigurnost komunikacijske mreže i sustava – Profili koji uključuju TCP/IP (IEC 62351-3:2014/am1:2018; EN 62351-3:2014/A1:2018)
Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP (IEC 62351-3:2014/am1:2018; EN 62351-3:2014/A1:2018)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-109:2011/A1:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-109: Posebni zahtjevi za aparate koji ultraljubičastim (UV) zračenjem djeluju na vodu (IEC 60335-2-109:2010/am1:2013, MOD; EN 60335-2-109:2010/A1:2018)
Household and similar electrical appliances – Safety – Part 2-109: Particular requirements for UV radiation water treatment appliances (IEC 60335-2-109:2010/am1:2013, MOD; EN 60335-2-109:2010/A1:2018)

HRN EN 60335-2-109:2011/A2:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-109: Posebni zahtjevi za aparate koji ultraljubičastim zračenjem djeluju na vodu (IEC 60335-2-109:2010/am2:2016; EN 60335-2-109:2010/A2:2018)
Household and similar electrical appliances – Safety – Part 2-109: Particular requirements for UV radiation water treatment appliances (IEC 60335-2-109:2010/am2:2016; EN 60335-2-109:2010/A2:2018)

HRN EN 60335-2-16:2005/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-16: Posebni zahtjevi za drobilice otpadaka hrane (EN 60335-2-16:2003/A11:2018)
Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers (EN 60335-2-16:2003/A11:2018)

HRN EN 60335-2-4:2011/A11:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-4: Posebni zahtjevi za centrifuge rublja (EN 60335-2-4:2010/A11:2018)
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors (EN 60335-2-4:2010/A11:2018)

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

HRN EN IEC 61987-92:2018 en pr
Mjerenje i vođenje industrijskih procesa – Strukture podataka i elemenata u katalozima procesne opreme – 92. dio: Popisi svojstava (LOP) mjerne opreme za elektroničku izmjenu podataka – Popisi svojstava za aspekte (IEC 61987-92:2018; EN IEC 61987-92:2018)
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 92: Lists of properties (LOP) of measuring equipment for electronic data exchange – Aspect LOPs (IEC 61987-92:2018; EN IEC 61987-92:2018)

HZN/TO E78, Rad pod naponom

HRN EN 50321-1:2018/Ispr.1:2018 en pr
Rad pod naponom – Obuća za električnu zaštitu – Izolacijska obuća i nadčizme (EN 50321-1:2018/AC:2018)
Live working – Footwear for electrical protection – Insulating footwear and overboots (EN 50321-1:2018/AC:2018)

HRN EN IEC 60900:2018 en pr
Rad pod naponom – Ručni alati za rad pod naponom do 1000 V izmjenično i 1500 V istosmjerno (IEC 60900:2018; EN IEC 60900:2018)
Live working – Hand tools for use up to 1 000 V AC and 1 500 V DC (IEC 60900:2018; EN IEC 60900:2018)

HZN/TO E79, Alarmni sustavi

HRN EN 62676-3:2015/Ispr.1:2018 en pr
Sustavi video nadzora za uporabu u primjenama zaštite – 3. dio: Analogni i digitalni video sučelja (EN 62676-3:2015/AC:2018)
Video surveillance systems for use in security applications – Part 3: Analog and digital video interfaces (EN 62676-3:2015/AC:2018)

HRN EN IEC 62676-5:2018 en pr
Sustavi video nadzora za uporabu u primjenama zaštite – 5. dio: Specifikacije podataka i svojstva kvalitete slike za uređaje kamere (IEC 62676-5:2018; EN IEC 62676-5:2018)
Video surveillance systems for use in security applications – Part 5: Data specifications and image quality performance for camera devices (IEC 62676-5:2018; EN IEC 62676-5:2018)

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

HRN EN IEC 61162-450:2018 en pr
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalna sučelja – 450. dio: Više govornika i više slušatelja – Ethernet interkonekcija (IEC 61162-450:2018; EN IEC 61162-450:2018)
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 450: Multiple talkers and multiple listeners – Ethernet interconnection (IEC 61162-450:2018; EN IEC 61162-450:2018)

HRN EN IEC 61162-460:2018 en pr
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalno sučelje – 460. dio: Više govornika i više slušatelja – Ethernet povezivanje – Sigurnost i zaštita (IEC 61162-460:2018; EN IEC 61162-460:2018)
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 460: Multiple talkers and multiple listeners – Ethernet interconnection – Safety and security (IEC 61162-460:2018; EN IEC 61162-460:2018)

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

HRN EN 62586-2:2017/Ispr.1:2018 en pr
Mjerenje kvalitete energije u sustavima opskrbe energijom – 2. dio: Funkcionalna ispitivanja i zahtjevi nesigurnosti (IEC 62586-2:2017/Corr.1:2018; EN 62586-2:2017/AC:2018)
Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements (IEC 62586-2:2017/Corr.1:2018; EN 62586-2:2017/AC:2018)

HZN/TO E88, Vjetroagregati

HRN EN 61400-11:2014/A1:2018 en pr
Sustavi za proizvodnju energije iz vjetrova – 11. dio: Postupci mjerenja akustične buke (IEC 61400-11:2012/am1:2018; EN 61400-11:2013/A1:2018)
Wind turbines – Part 11: Acoustic noise measurement techniques (IEC 61400-11:2012/am1:2018; EN 61400-11:2013/A1:2018)

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

HRN EN 62680-1-3:2018 en pr
Sučelja univerzalne serijske sabirnice za podatke i napajanje – Dio 1-3: Opći dijelovi – Specifikacija kabela i konektora za USB tipa CTM (IEC 62680-1-3:2017; EN 62680-1-3:2017)
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-CTM Cable and Connector Specification (IEC 62680-1-3:2017; EN 62680-1-3:2017)

HRN EN IEC 62680-1-3:2018 en pr
Sučelja univerzalne serijske sabirnice za podatke i napajanje – Dio 1-3: Opći dijelovi – Specifikacija kabela i konektora za USB tipa CTM (IEC 62680-1-3:2018; EN IEC 62680-1-3:2018)
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-CTM Cable and Connector Specification (IEC 62680-1-3:2018; EN IEC 62680-1-3:2018)

HZN/TO E501, *Elektroakustika i ultrazvuk*

HRN EN IEC 61265:2018 en pr
Elektroakustika – Instrumenti za mjerenje buke zrakoplova – Izvedbeni zahtjevi za sustave koji mjere razine zvučnog pritiska za potrebe certificiranja buke zrakoplova (IEC 61265:2018; EN IEC 61265:2018)
Electroacoustics – Instruments for measurement of aircraft noise – Performance requirements for systems to measure sound pressure levels in noise certification of aircraft (IEC 61265:2018; EN IEC 61265:2018)

HZN/TO E502, *Elektrotehnički aspekti telekomunikacijske opreme*

HRI CLC/TR 50600-99-1:2018 en pr
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 99-1: Preporučene prakse upravljanja energijom (CLC/TR 50600-99-1:2018)
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management (CLC/TR 50600-99-1:2018)

HZN/TO T4, *Normizacija u telekomunikacijama*

HRN EN 300 440 V2.2.1:2018 en pr
Uređaji kratkoga dometa (SRD) koji rade u frekvencijskom području od 1 GHz do 40 GHz – Harmonizirana norma za pristup radijskom spektru (EN 300 440 V2.2.1:2018)
Short Range Devices (SRD) – Radio equipment to be used in the 1 GHz to 40 GHz frequency range – Harmonised Standard for access to radio spectrum (EN 300 440 V2.2.1:2018)

HRN EN 302 454 V2.2.1:2018 en pr
Meteorološka pomagala (Met pomagala) – Radiosonde za primjenu u frekvencijskom području od 1 668,4 MHz do 1 690 MHz – Harmonizirana norma za pristup radijskom spektru (EN 302 454 V2.2.1:2018)
Meteorological Aids (Met Aids) – Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range – Harmonised Standard for access to radio spectrum (EN 302 454 V2.2.1:2018)

HRN EN 302 617 V2.3.1:2018 en pr
Zemaljski UHF radio odašiljači, prijamnici i primopredajnici za UHF aeronautičke mobilne službe koje upotrebljavaju amplitudnu modulaciju – Harmonizirana norma za pristup radijskom spektru (EN 302 617 V2.3.1:2018)
Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation – Harmonised Standard for access to radio spectrum (EN 302 617 V2.3.1:2018)

HRN EN 303 423 V1.2.1:2018 en pr
Upravljanje okolišem (EE) – Električna i elektronička kućanska i uredska oprema – Mjerenje mrežne potrošnje snage praznoga hoda povezujuće opreme – Harmonizirana norma koja obuhvaća mjernu metodu za EC uredbu 1275/2008 nadopunjenu s EU uredbom 801/2013 (EN 303 423 V1.2.1:2018)
Environmental Engineering (EE) – Electrical and electronic household and office equipment – Measurement of networked standby power consumption of Interconnecting equipment – Harmonised Standard covering the measurement method for EC Regulation 1275/2008 amended by EU Regulation 801/2013 (EN 303 423 V1.2.1:2018)

HRN EN 303 520 V1.1.1:2018 en pr
Uređaji kratkog dometa (SRD) – Bežične medicinske endoskopske kapsule jako male snage (ULP) koje rade u pojasu od 430 MHz do 440 MHz – Harmonizirana norma za pristup radijskom spektru (EN 303 520 V1.1.1:2018)
Short Range Devices (SRD) – Ultra Low Power (ULP) wireless medical capsule endoscopy devices operating in the band 430 MHz to 440 MHz – Harmonised Standard for access to radio spectrum (EN 303 520 V1.1.1:2018)

HRN EN 305 200-1 V1.1.1:2018 en pr
Pristup, terminali, prijenos i multipleksiranje (ATTM) – Upravljanje energijom – Operativne infrastrukture – Globalni KPI-jevi – 1. dio: Opći zahtjevi (EN 305 200-1 V1.1.1:2018)
Access, Terminals, Transmission and Multiplexing (ATTM) – Energy management – Operational infrastructures – Global KPIs – Part 1: General requirements (EN 305 200-1 V1.1.1:2018)

HRN EN 305 200-2-2 V1.2.1:2018 en pr
Pristup, terminali, prijenos i multipleksiranje (ATTM) – Upravljanje energijom – Operativne infrastrukture – Globalni KPI-jevi – 2. dio: Posebni zahtjevi – 2. poddio: Nepokretne mreže širokopojsnog pristupa (EN 305 200-2-2 V1.2.1:2018)
Access, Terminals, Transmission and Multiplexing (ATTM) – Energy management – Operational infrastructures – Global KPIs – Part 2: Specific requirements – Sub-part 2: Fixed broadband access networks (EN 305 200-2-2 V1.2.1:2018)

HRN EN 319 522-1 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 1. dio: Okvir i arhitektura (EN 319 522-1 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 1: Framework and Architecture (EN 319 522-1 V1.1.1:2018)

HRN EN 319 522-2 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 2. dio: Semantički sadržaji (EN 319 522-2 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 2: Semantic contents (EN 319 522-2 V1.1.1:2018)

HRN EN 319 522-3 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 3. dio: Formati (EN 319 522-3 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 3: Formats (EN 319 522-3 V1.1.1:2018)

HRN EN 319 522-4-1 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 4. dio: Povezivanja – 1. poddio: Povezivanja isporučene poruke (EN 319 522-4-1 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 4: Bindings – Sub-part 1: Message delivery bindings (EN 319 522-4-1 V1.1.1:2018)

HRN EN 319 522-4-2 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 4. dio: Povezivanja – 2. poddio: Dokaz i identifikacija povezivanja (EN 319 522-4-2 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 4: Bindings – Sub-part 2: Evidence and identification bindings (EN 319 522-4-2 V1.1.1:2018)

HRN EN 319 522-4-3 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 4. dio: Povezivanja – 3. poddio: Mogućnosti/zahtjevi povezivanja (EN 319 522-4-3 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 4: Bindings – Sub-part 3: Capability/requirements bindings (EN 319 522-4-3 V1.1.1:2018)

HRN EN 319 532-1 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge registrirane elektroničke pošte (REM) – 1. dio: Okvir i arhitektura (EN 319 532-1 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) Services – Part 1: Framework and architecture (EN 319 532-1 V1.1.1:2018)

HRN EN 319 532-2 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge registrirane elektroničke pošte (REM) – 2. dio: Semantički sadržaji (EN 319 532-2 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) Services – Part 2: Semantic contents (EN 319 532-2 V1.1.1:2018)

HRN EN 319 532-3 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge registrirane elektroničke pošte (REM) – 3. dio: Formati (EN 319 532-3 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) Services – Part 3: Formats (EN 319 532-3 V1.1.1:2018)

HRN EN 319 532-4 V1.1.1:2018 en pr
Elektronički potpisi i infrastrukture (ESI) – Usluge registrirane elektroničke pošte (REM) – 4. dio: Profili interoperabilnosti (EN 319 532-4 V1.1.1:2018)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) Services – Part 4: Interoperability profiles (EN 319 532-4 V1.1.1:2018)

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

- HRN EN ISO 20700:2018 en pr
Smjernice za usluge savjetovanja u upravljanju (ISO 20700:2017; EN ISO 20700:2018)
Guidelines for management consultancy services (ISO 20700:2017; EN ISO 20700:2018)
- HRN EN ISO 23999:2018 en pr
Elastične podne obloge – Određivanje dimenzijske stabilnosti i valovitosti nakon izlaganja toplini (ISO 23999:2018; EN ISO 23999:2018)
Resilient floor coverings – Determination of dimensional stability and curling after exposure to heat (ISO 23999:2018; EN ISO 23999:2018)

HZN/TU B1, *Graditeljstvo 1*

- HRN EN 13200-3:2018 en pr
Gledališta – 3. dio: Pregradni elementi – Zahtjevi (EN 13200-3:2018)
Spectator facilities – Part 3: Separating elements – Requirements (EN 13200-3:2018)

HZN/TU I2, *Strojarstvo 2*

- HRN EN ISO 7590:2018 en pr
Transportne trake s čeličnom užadi – Metode za određivanje ukupne debljine i debljine pokrova (ISO 7590:2018; EN ISO 7590:2018)
Steel cord conveyor belts – Methods for the determination of total thickness and cover thickness (ISO 7590:2018; EN ISO 7590:2018)
- HRN EN 17115:2018 en pr
Tehnologija u industriji zabave – Specifikacije za projektiranje i proizvodnju aluminijskih i čeličnih rešetkastih nosača (EN 17115:2018)
Entertainment technology – Specifications for design and manufacture of aluminium and steel trusses (EN 17115:2018)
- HRN EN ISO 19014-1:2018 en pr
Strojevi za zemljane radove – Funkcionalna sigurnost – 1. dio: Metodologija za određivanje sigurnosnih dijelova sustava za upravljanje i zahtjeva za izvedbu (ISO 19014-1:2018; EN ISO 19014-1:2018)
Earth-moving machinery – Functional safety – Part 1: Methodology to determine safety-related parts of the control system and performance requirements (ISO 19014-1:2018; EN ISO 19014-1:2018)

HZN/TU N1, *Nemetalni materijali 1*

- HRN EN 1885:2018 en pr
Perje i pahuljica – Nazivi i definicije (EN 1885:2018)
Feather and down – Terms and definitions (EN 1885:2018)
- HRN EN 12130:2018 en pr
Perje i pahuljica – Metode ispitivanja – Određivanje snage punjenja (volumen grude) (EN 12130:2018)
Feather and down – Test methods – Determination of the filling power (massic volume) (EN 12130:2018)
- HRN EN 12131:2018 en pr
Perje i pahuljica – Metode ispitivanja – Određivanje kvantitativnog sastava perja i pahuljice (ručna metoda) (EN 12131:2018)
Feather and down – Test methods – Determination of the quantitative composition of feather and down (manual method) (EN 12131:2018)
- HRN EN 13088:2018 en pr
Manufactured articles filled with feather and down – Method for the determination of a filled product's total mass and for the determination of the mass of the filling (EN 13088:2018)
- HRI CEN/TR 17238:2018 en pr
Predložene granične vrijednosti onečišćenja u biometanu na temelju kriterija procjene zdravstvenih rizika (CEN/TR 17238:2018)
Proposed limit values for contaminants in biomethane based on health assessment criteria (CEN/TR 17238:2018)

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

- HRN EN ISO 8637-2:2018 en pr
Izvantjelesni sustavi za pročišćavanje krvi – 2. dio: Izvantjelesni krvotok za uređaje za hemodijalizu, hemodijafiltriranje i hemofiltriranje (ISO 8637-2:2018; EN ISO 8637-2:2018)
Extracorporeal systems for blood purification – Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (ISO 8637-2:2018; EN ISO 8637-2:2018)
- HRN EN 16844:2018 en pr
Estetske medicinske usluge – Nekirurški medicinski postupci (EN 16844:2017+A1:2018)
Aesthetic medicine services – Non-surgical medical treatments (EN 16844:2017+A1:2018)
- HRN EN ISO 20749:2018 en pr
Stomatologija – Zubni amalgam u kapsulama (ISO 20749:2017; EN ISO 20749:2018)
Dentistry – Pre-capsulated dental amalgam (ISO 20749:2017; EN ISO 20749:2018)

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

- HRN EN 2031:2018 en pr
Zrakoplovstvo – Čelik 102Cr6 (1.2067) – Pobojšani – Šipke (EN 2031:2018)
Aerospace series – Steel 102Cr6 (1.2067) – Hardened and tempered – Bars (EN 2031:2018)
- HRN EN 2084:2018 en pr
Zrakoplovstvo – Kabeli, električni, jednožilni, opće namjene, s vodičima od bakra ili od legure bakra – Tehnička specifikacija (EN 2084:2018)
Aerospace series – Cables, electrical, general purpose, with conductors in copper or copper alloy – Technical specification (EN 2084:2018)
- HRN EN 2475:2018 en pr
Zrakoplovstvo – Čelik 30CrNiMo8 (1.6580) – Taljen na zraku – Pobojšani – Šipke za strojnu obradu – De ≤ 100 mm – 1 100 MPa ≤ Rm ≤ 1 300 MPa (EN 2475:2018)
Aerospace series – Steel 30CrNiMo8 (1.6580) – Air melted – Hardened and tempered – Bar for machining – De ≤ 100 mm – 1 100 MPa ≤ Rm ≤ 1 300 MPa (EN 2475:2018)
- HRN EN 2540:2018 en pr
Zrakoplovstvo – Čelik X7CrNiAl17-7 (1.4568) – Taljen na zraku – Tretiran otopinom i precipitacijski očvrstnut – Lim i traka – a ≤ 6 mm – 1 240 MPa ≤ Rm ≤ 1 450 MPa (EN 2540:2018)
Aerospace series – Steel X7CrNiAl17-7 (1.4568) – Air melted – Solution treated and precipitation hardened – Sheet and strip – a ≤ 6 mm – 1 240 MPa ≤ Rm ≤ 1 450 MPa (EN 2540:2018)
- HRN EN 2541:2018 en pr
Zrakoplovstvo – Čelik FE-PA18 – Pobojšani i hladno vučeni – Žica za oprugu – D ≤ 4,0 mm (EN 2541:2018)
Aerospace series – Steel FE-PA18 – Quenched and cold drawn – Wire for spring – D ≤ 4,0 mm (EN 2541:2018)
- HRN EN 2591-100:2018 en pr
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 100. dio: Općenito (EN 2591-100:2018)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 100: General (EN 2591-100:2018)
- HRN EN 2591-318:2018 en pr
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 318. dio: Otpornost na vatru (EN 2591-318:2018)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 318: Fire-resistance (EN 2591-318:2018)
- HRN EN 2591-326:2018 en pr
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 326. dio: Ispitivanje u plamenu (EN 2591-326:2018)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 326: Fire immersion test (EN 2591-326:2018)
- HRN EN 2796:2018 en pr
Zrakoplovstvo – Fluorouglična guma (FKM) – Nizak indeks slijeganja – Tvrdća 60 IRHD (EN 2796:2018)
Aerospace series – Fluorocarbon rubber (FKM) – Low compressions set – Hardness 60 IRHD (EN 2796:2018)

- HRN EN 2878:2018 en pr
Aerospace series – Nuts, anchor, self-locking, air resistant, sealing, floating, two lug, with counterbore, in alloy steel, cadmium plated, MoS2 lubricated – Classification: 900 MPa (at ambient temperature)/235 °C (EN 2878:2018)
- HRN EN 2880:2018 en pr
Aerospace series – Nuts, anchor, self-locking, fuel resistant, sealing, floating, two lug, with counterbore, in alloy steel, cadmium plated, MoS2 lubricated – Classification: 900 MPa (at ambient temperature)/120 °C (EN 2880:2018)
- HRN EN 3375-001:2018 en pr
Zrakoplovstvo – Električni kabeli za prijenos digitalnih podataka – Dio 001: Tehnička specifikacija (EN 3375-001:2018)
Aerospace series – Cable, electrical, for digital data transmission – Part 001: Technical specification (EN 3375-001:2018)
- HRN EN 3475-411:2018 en pr
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 411. dio: Otpornost na fluide (EN 3475-411:2018)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 411: Resistance to fluids (EN 3475-411:2018)
- HRN EN 3646-003:2018 en pr
Zrakoplovstvo – Spojnice, električne, kružne, bajonetni spoj, stalne radne temperature 175 °C ili 200 °C – Dio 003: Utičnica, s kvadratnom prirubnicom za montažu – Norma za proizvod (EN 3646-003:2018)
Aerospace series – Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous – Part 003: Receptacle, square flange mounting – Product standard (EN 3646-003:2018)
- HRN EN 3646-006:2018 en pr
Zrakoplovstvo – Spojnice, električne, kružne, bajonetni spoj, stalne radne temperature 175 °C ili 200 °C – Dio 006: Utičnica, hermetička, ugradnja s kontra maticom – Norma za proizvod (EN 3646-006:2018)
Aerospace series – Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous – Part 006: Receptacle, hermetic, jam-nut mounting – Product standard (EN 3646-006:2018)
- HRN EN 3719:2018 en pr
Zrakoplovstvo – Vodiči za električne kabele od aluminija ili legura aluminija – Norma za proizvod (EN 3719:2018)
Aerospace series – Aluminium or aluminium alloy conductors for electrical cables – Product standard (EN 3719:2018)
- HRN EN 4604-010:2018 en pr
Zrakoplovstvo – Kabel, električni, za prijenos signala – Dio 010: Kabel, koaksijalni, lagani, 50 Oma, 200 °C, tip KX (lagani WD) – Norma za proizvod (EN 4604-010:2018)
Aerospace series – Cable, electrical, for signal transmission – Part 010: Cable, coaxial, light weight, 50 Ohms, 200 °C, type KX (light WD) – Product standard (EN 4604-010:2018)
- HRN EN 4611-002:2018 en pr
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višezilni sklop – XLETFE porodica – Dio 002: Općenito (EN 4611-002:2018)
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 002: General (EN 4611-002:2018)
- HRN EN 4834:2018 en pr
Aerospace series – Adaptor, Pipe coupling 24° Cone up to 35 000 kPa (5 080 psi) Port for Ring locked fitting – Inch Series – Geometric configuration (EN 4834:2018)
- HRN EN 4835:2018 en pr
Aerospace series – Installation and removal requirements for Ring locked fitting and reducer, 24° Cone up to 35 000 kPa (5 080 psi) – Inch Series (EN 4835:2018)
- HRN EN 4836:2018 en pr
Aerospace series – Adaptor, Pipe coupling 24° Cone up to 35 000 kPa (5 080 psi) Ring-locked fitting – Reducer – Flareless End – Inch Series – Extra Fine Thread Pitch (EN 4836:2018)
- HRN EN 4838-001:2018 en pr
Zrakoplovstvo – Automatski osigurači za prekid električnog luka, jednopolni, temperaturno kompenzirani, nazivnih struja 3 A do 25 A – konstantne frekvencije 115 V a.c. 400 Hz – Dio 001: Tehnička specifikacija (EN 4838-001:2018)
Aerospace series – Arc Fault Circuit breakers, single-pole, temperature compensated, rated current 3 A to 25 A – 115 V a.c. 400 Hz Constant Frequency – Part 001: Technical specification (EN 4838-001:2018)
- HRN EN 4840-001:2018 en pr
Aerospace series – Heat shrinkable moulded shapes – Part 001: Technical specification (EN 4840-001:2018)
- HRN EN 4840-101:2018 en pr
Aerospace series – Heat shrinkable moulded shapes – Part 101: Polyolefin, semi-rigid, limited fire hazard – Temperature range – 30 °C to 105 °C – Product standard (EN 4840-101:2018)
- HRN EN 6049-001:2018 en pr
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitna navlaka od meta-aramidnih vlakana – Dio 001: Tehnička specifikacija (EN 6049-001:2018)
Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 001: Technical specification (EN 6049-001:2018)
- HRN EN 6049-003:2018 en pr
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitna navlaka od meta-aramidnih vlakana – Dio 003: Opletana, cijevasta, proširiva – Norma za proizvod (EN 6049-003:2018)
Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 003: Braided, tubular, expandable – Product standard (EN 6049-003:2018)
- HRN EN 6059-309:2018 en pr
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 309: Fire resistance when fitted on a cable bundle (EN 6059-309:2018)
- HRN EN 6109:2018 en pr
Aerospace series – Static seal elements elastomer, moulded, phosphate ester resistant – Technical specification (EN 6109:2018)
- HRN EN 6126:2018 en pr
Aerospace series – Fitting end, 24° internal cone, external thread, flareless type, size -32 tube diameter D=2 inches (D=50,8 mm) extra fine thread pitch inch series – Inch series – Design standard (EN 6126:2018)
- HRN EN 9278:2018 en pr
Aerospace series – General Principles of Obsolescence Management of chemicals, materials and processes (EN 9278:2018)
- HRN EN 12312-8:2018 en pr
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 8. dio: Održavanje ili usluge stepenica i platforma (EN 12312-8:2018)
Aircraft ground support equipment – Specific requirements – Part 8: Maintenance or service stairs and platforms (EN 12312-8:2018)
- HRN EN 16603-20-20:2018 en pr
Svemirsko inženjerstvo – Zahtjevi za projektiranje i za sučelje za opskrbu električnom energijom (EN 16603-20-20:2018)
Space engineering – Electrical design and interface requirements for power supply (EN 16603-20-20:2018)
- HRN EN 16603-31-02:2018 en pr
Svemirsko inženjerstvo – Oprema za dvofazni prijenos topline (EN 16603-31-02:2018)
Space engineering – Two-phase heat transport equipment (EN 16603-31-02:2018)
- HRN EN 16603-60-21:2018 en pr
Space engineering – Gyros terminology and performance specification (EN 16603-60-21:2018)

HZN/TU V1, Elektronika 1

- HRN EN 60205:2017/Ispr.1:2018 en pr
Proračun efektivnih parametara magnetskih dijelova (IEC 60205:2016/Corr.1:2018; EN 60205:2017/AC:2018)
Calculation of the effective parameters of magnetic piece parts (IEC 60205:2016/Corr.1:2018; EN 60205:2017/AC:2018)

HRN EN IEC 60384-26:2018 en pr
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 26.dio: Sekcijska specifikacija – Fiksni aluminijski elektrolitski kondenzatori s vodljivim polimerom krutog elektrolita (IEC 60384-26:2018; EN IEC 60384-26:2018)
Fixed capacitors for use in electronic equipment – Part 26: Sectional specification – Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (IEC 60384-26:2018; EN IEC 60384-26:2018)

HRN EN IEC 60794-4:2018 en pr
Svjetlovodni kabeli – 4. dio: Sekcijska specifikacija – Zračni svjetlovodni kabeli uz električne vodove (IEC 60794-4:2018; EN IEC 60794-4:2018)
Optical fibre cables – Part 4: Sectional specification – Aerial optical cables along electrical power lines (IEC 60794-4:2018; EN IEC 60794-4:2018)

HRN EN 60939-3:2016/Ispr.2:2018 en pr
Pasivni filtri za gušenje elektromagnetskih smetnji – 3. dio: Pasivni filtri za koje su potrebna odgovarajuća sigurnosna ispitivanja (IEC 60939-3:2015/Corr.2:2018; EN 60939-3:2015/AC:2018)
Passive filter units for electromagnetic interference suppression – Part 3: Passive filter units for which safety tests are appropriate (IEC 60939-3:2015/Corr.2:2018; EN 60939-3:2015/AC:2018)

HRN EN IEC 61755-6-2:2018 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Optička sučelja konektora – Dio 6-2: Spajanje višenačinskih vlakana promjera jezgre 50 µm u fizičkom kontaktu – S neukošenim bridovima, za referentne priključke, pri valnoj duljini od 850 nm koristeći samo odabrana A1a vlakna (IEC 61755-6-2:2018; EN IEC 61755-6-2:2018)
Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 6-2: Connection of 50 µm core diameter multimode physically contacting fibres – Non-angled for reference connector application, at wavelength of 850 nm using selected A1a fibre only (IEC 61755-6-2:2018; EN IEC 61755-6-2:2018)

HRN EN IEC 62435-4:2018 en pr
Elektroničke komponente – Dugoročno skladištenje elektroničkih poluvodičkih uređaja – 4. dio: Skladištenje (IEC 62435-4:2018; EN IEC 62435-4:2018)
Electronic components – Long-term storage of electronic semiconductor devices – Part 4: Storage (IEC 62435-4:2018; EN IEC 62435-4:2018)

HRN EN IEC 62969-4:2018 en pr
Poluvodičke komponente – Poluvodičko sučelje za motorna vozila – 4. dio: Metoda procjene sučelja podataka za senzore motornih vozila (IEC 62969-4:2018; EN IEC 62969-4:2018)
Semiconductor devices – Semiconductor interfaces for automotive vehicles – Part 4: Evaluation method of data interface for automotive vehicle sensors (IEC 62969-4:2018; EN IEC 62969-4:2018)

HRN EN IEC 63032:2018 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Svjetlovodni pojasni filtri za podešavanje – Generička specifikacija (IEC 63032:2018; EN IEC 63032:2018)
Fibre optic interconnecting devices and passive components – Fibre optic tuneable bandpass filters – Generic specification (IEC 63032:2018; EN IEC 63032:2018)

HRN EN IEC 63093-5:2018 en pr
Feritne jezgre – Smjernice za dimenzije i granice površinskih nepravilnosti – 5. dio: EP jezgre i povezani dijelovi za uporabu u induktorima i transformatorima (IEC 63093-5:2018; EN IEC 63093-5:2018)
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 5: EP-cores and associated parts for use in inductors and transformers (IEC 63093-5:2018; EN IEC 63093-5:2018)

HRN EN IEC 63093-6:2018 en pr
Feritne jezgre – Smjernice za dimenzije i granice površinskih nepravilnosti – 6. dio: ETD jezgre za uporabu u izvorima napajanja (IEC 63093-6:2018; EN IEC 63093-6:2018)
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 6: ETD-cores for use in power supplies (IEC 63093-6:2018; EN IEC 63093-6:2018)

HRN EN IEC 63093-11:2018 en pr
Feritne jezgre – Smjernice za dimenzije i granice površinskih nepravilnosti – 11.dio: EC jezgre za uporabu u napajanju (IEC 63093-11:2018; EN IEC 63093-11:2018)
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 11: EC-cores for use in power supply applications (IEC 63093-11:2018; EN IEC 63093-11:2018)

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 21, *Protupožarna i vatrogasna oprema*

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

HZN/TO 22, *Cestovna vozila*

prEN ISO 15118-4 en
Road vehicles – Vehicle to grid communication interface – Part 4: Network and application protocol conformance test (ISO 15118-4:2018)
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 4. dio: Provjera usklađenosti mreže i protokola primjene (ISO 15118-4:2018)

prEN ISO 15118-5 en
Road vehicles – Vehicle to grid communication interface – Part 5: Physical layer and data link layer conformance test (ISO 15118-5:2018)
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 5. dio: Provjera usklađenosti fizičkog sloja i sloja podatkovne mreže (ISO 15118-5:2018)

prEN ISO 15118-8 en
Road vehicles – Vehicle to grid communication interface – Part 8: Physical layer and data link layer requirements for wireless communication (ISO 15118-8:2018)
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 8. dio: Zahtjevi za fizički sloj i sloj podatkovne mreže za bežičnu komunikaciju (ISO 15118-8:2018)

prEN 17278 en
Natural gas vehicles – Vehicle fuelling appliances
Vozila na prirodni plin – Uređaji za punjenje vozila

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 5178 en
Destructive tests on welds in metallic materials – Longitudinal tensile test on weld metal in fusion welded joints (ISO/DIS 5178:2018)
Razorna ispitivanja zavarenih spojeva na metalnim materijalima – Uzdužno vlačno ispitivanje metala zavara zavarenih spojeva nastalih taljenjem (ISO/DIS 5178:2018)

prEN ISO 9090 en
Gas tightness of equipment for gas welding and allied processes (ISO/DIS 9090:2018)
Nepropusnost opreme za plinsko zavarivanje i srodne postupke (ISO/DIS 9090:2018)

EN ISO 15614-1:2017/prA1 en
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2017/DAMd1:2018)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 1. dio: Elektrolučno i plinsko zavarivanje čelika i elektrolučno zavarivanje nikla i legura nikla (ISO 15614-1:2017/DAMd1:2018)

HZN/TO 71, Beton

prEN 14889-2 en
Fibres for concrete – Part 2: Polymer fibres – Definition, specifications and conformity
Vlakna za beton – 2. dio: Polimerna vlakna – Definicije, specifikacije i sukladnost

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

prEN 14624 en
Performance of portable leak detectors and of room monitors for halogenated refrigerants
Radne značajke pokretnih i sobnih detektora propuštanja halogeniranih radnih tvari

prEN ISO 21922 en
Refrigerating systems and heat pumps – Valves – Requirements, testing and marking (ISO/DIS 21922:2018)
Rashladni sustavi i dizalice topline – Ventili – Zahtjevi, ispitivanje i označavanje (ISO/DIS 21922:2018)

HZN/TO 120, Koža i obuća

prEN ISO 17700 en
Footwear – Test methods for upper components and insoles – Colour fastness to rubbing and bleeding (ISO/DIS 17700:2018)

HZN/TO 121, Anestetička i respiracijska oprema

prEN ISO 8836 en
Suction catheters for use in the respiratory tract (ISO/DIS 8836:2018)
Usisni kateteri za upotrebu u dišnom putu (ISO/DIS 8836:2018)

HZN/TO 147, Kvaliteta vode

prEN 14614 en
Water quality – Guidance standard for assessing the hydromorphological features of rivers
Kvaliteta vode – Savjetodavna norma za određivanje hidromorfoloških obilježja rijeka

prEN ISO 22908 en
Water quality – Radium 226 and radium 228 – Test method using liquid scintillation counting (ISO/DIS 22908:2018)
Kvaliteta vode – Radij-226 i radij-228 – Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO/DIS 22908:2018)

HZN/TO 163, Toplinska izolacija

prEN 16025-1 en
Thermal and/or sound insulating products in building construction – Bound EPS ballastings – Part 1: Requirements for factory premixed EPS dry plaster
Toplinsko i/ili zvučno izolacijski proizvodi za zgradarstvo – Vežani EPS balastni materijal – 1. dio: Zahtjevi za tvornički predmiješanu EPS suhu žbuku

HZN/TO 172, Optika i optički instrumenti

prEN ISO 16672 en
Ophthalmic implants – Ocular endotamponades (ISO/DIS 16672:2018)
Oftalmološki implantanti – Okularni unutrašnji tamponi (ISO/DIS 16672:2018)

HZN/TO 211, Geoinformacije/Geomatika

prEN ISO 19136-1 en
Geographic information – Geography Markup Language (GML) – Part 1: Fundamentals (ISO/DIS 19136-1:2018)
Geoinformacije – Jezik za geoznačavanje (GML) – 1. dio: Osnove (ISO/DIS 19136-1:2018)

HZN/TO 218, Drvo

prEN 14128 en
Durability of wood and wood-based products – Efficacy criteria for curative wood preservatives as determined by biological tests
Trajnost drva i proizvoda na osnovi drva – Kriteriji učinkovitosti za kurativna sredstva za zaštitu drva kako je određeno biološkim testovima

HZN/TO 238, Čvrsta biogoriva

prEN ISO 21945 en
Solid biofuels – Simplified sampling method for small scale applications (ISO/DIS 21945:2018)

HZN/TO 503, Metalni materijali

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

prEN 10210-2 en
Hot finished structural steel hollow sections – Part 2: Tolerances, dimensions and sectional properties
Toplo oblikovani šuplji profili od konstrukcijskog čelika – 2. dio: Dopuštena odstupanja, dimenzije i svojstva profila

prEN 10219-2 en
Cold formed welded steel structural hollow sections – Part 2: Tolerances, dimensions and sectional properties
Hladno oblikovani zavareni šuplji profili od konstrukcijskog čelika – 2. dio: Dopuštena odstupanja, dimenzije i svojstva profila

HZN/TO 504, Korozija i zaštita metala i legura

prEN 17243 en
Cathodic protection of internal surfaces of metallic tanks, structures, equipment, and piping containing seawater

HZN/TO 513, Mjerne jedinice i mjerila

prEN 17277 en
Hydrometry – Measurement requirements and classification of rainfall intensity measuring instruments

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

prEN 16815 en
CleAnOpen – Application profile for municipal vehicles

HZN/TO 524, Inteligentni transportni sustavi

prEN ISO 17573-1 en
Electronic fee collection – System architecture for vehicle related tolling – Part 1: Reference model (ISO/DIS 17573-1:2018)

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

prEN 17235 en
Permanent anchor devices and safety hooks

HZN/TO 528, Oprema za željeznice

prEN 13146-4 en
Railway applications – Track – Test methods for fastening systems – Part 4: Effect of repeated loading
Željeznički sustav – Željeznički gornji ustroj – Ispitne metode za kolosiječni pričvrtni pribor – 4. dio: Utjecaj ponavljanja opterećenja

prEN 13146-9 en
Railway applications – Track – Test methods for fastening systems – Part 9: Determination of stiffness
Željeznički sustav – Željeznički gornji ustroj – Metode ispitivanja za kolosiječni pričvrtni pribor – 9. dio: Određivanje krutosti

prEN 17282 en
Railway applications – Infrastructure – Under ballast mats

prEN 17285 en
Railway applications – Acoustics – Measuring of door audible warnings

HZN/TO 531, *Plastika i guma*

- prEN ISO 294-2 en
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 2: Small tensile bars (ISO/FDIS 294-2:2018)
Plastika – Injekcijsko prešani ispitni plastomernih materijala – 2. dio: Male epruvete za rasteznu čvrstoću (ISO/FDIS 294-2:2018)
- prEN ISO 294-4 en
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 4: Determination of moulding shrinkage (ISO/FDIS 294-4:2018)
Plastika – Injekcijsko prešani ispitni plastomernih materijala – 4. dio: Određivanje skupljanja pri prešanju (ISO/FDIS 294-4:2018)
- prEN ISO 1110 en
Plastics – Polyamides – Accelerated conditioning of test specimens (ISO/DIS 1110:2018)
Plastika – Poliamidi – Ubrzano kondicioniranje ispitača (ISO/DIS 1110:2018)
- prEN ISO 4612 en
Plastics – Preparation of PVC pastes for test purposes – Planetary-mixer method (ISO/FDIS 4612:2018)
Plastika – Priređivanje ispitnih PVC-pasta – Miješanje planetnom miješalicom (ISO/FDIS 4612:2018)
- prEN ISO 10350-2 en
Plastics – Acquisition and presentation of comparable single-point data – Part 2: Long-fibre-reinforced plastics (ISO/DIS 10350-2:2018)
Plastika – Dobivanje i predstavljanje usporedivih pojedinačnih podataka – 2. dio: Plastika ojačana dugim vlaknima (ISO/DIS 10350-2:2018)
- EN 14423:2013+A1:2016/prA2:2018 en
Clamp type coupling assemblies for use with steam hoses rated for pressures up to 18 bar
Sklopovi spojki steznog tipa za upotrebu s crijevima za paru za tlakove do 18 bara
- prEN 17271 en
Plastics – Poly(vinyl chloride) (PVC) based profiles – Determination of the peel strength of profiles laminated with foils
- prEN ISO 20028-1 en
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO/DIS 20028-1:2018)
Plastika – Plastomerni poliesterski (TP) materijali za injekcijsko prešanje i ekstrudiranje – 1. dio: Sustav označavanja i osnove za specifikacije (ISO/DIS 20028-1:2018)

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

- prEN 1829-1:2018 en
High-pressure water jet machines – Safety requirements – Part 1: Machines
Strojevi s visokotlačnim mlazom vode – Sigurnosni zahtjevi – 1. dio: Strojevi
- prEN 12975 en
Solar collectors – General requirements
Solarni kolektori – Opći zahtjevi

HZN/TO 546, *Očuvanje kulturne baštine*

- prEN 15898:2018 en
Conservation of cultural heritage – Main general terms and definitions
Očuvanje kulturnog dobra – Glavni opći nazivi i definicije

HZN/TO 551, *Gradnja*

- prEN ISO 16757-1 en
Data structures for electronic product catalogues for building services – Part 1: Concepts, architecture and model (ISO 16757-1:2015)
Strukture podataka za elektroničke kataloge proizvoda za građevinske usluge – 1. dio: Koncepti, arhitektura i model (ISO 16757-1:2015)

- prEN ISO 16757-2 en
Data structures for electronic product catalogues for building services – Part 2: Geometry (ISO 16757-2:2016)
Strukture podataka za elektroničke kataloge proizvoda za građevinske usluge – 2. dio: Geometrija (ISO 16757-2:2016)

HZN/TO 555, *Medicinski proizvodi*

- EN ISO 10993-7:2008/prA1 en
Biological evaluation of medical devices – Part 7: Ethylene oxide sterilization residuals (ISO 10993-7/DAM 1:2018)
Biološka procjena medicinskih proizvoda – 7. dio: Ostaci pri sterilizaciji etilen oksidom (ISO 10993-7/DAM 1:2018)
- prEN ISO 10993-18 en
Biological evaluation of medical devices – Part 18: Chemical characterization of medical device materials within a risk management process – Évaluation biologique (ISO/DIS 10993-18:2018)
Biološka procjena medicinskih proizvoda – 18. dio: Kemijska svojstva materijala unutar procesa upravljanja rizikom – Évaluation biologique (ISO/DIS 10993-18:2018)
- prEN ISO 22442-1 en
Medical devices utilizing animal tissues and their derivatives – Part 1: Application of risk management (ISO/DIS 22442-1:2018)
Medicinski proizvodi u kojima se upotrebljavaju životinjska tkiva i njihovi derivati – 1. dio: Primjena upravljanja rizikom (ISO/DIS 22442-1:2018)

HZN/TO 557, *Zaštitna odjeća*

- prEN 510 en
Specification for protective clothing for use where there is a risk of entanglement with moving parts
Specifikacija za zaštitnu odjeću za primjenu na mjestima gdje postoji opasnost od zahvaćanja pokretnim dijelovima
- prEN ISO 20320 en
Protective clothing for use in Snowboarding – Wrist Protectors – Requirements and test methods (ISO/DIS 20320:2018)
Zaštitna odjeća za upotrebu pri snježnom daskanju – Štitnici zapešća – Zahtjevi i metode ispitivanja (ISO/DIS 20320:2018)

HZN/TO 560, *Tekstilni proizvodi*

- prEN ISO 9554 en
Fibre ropes – General specifications (ISO/DIS 9554:2018)
Vlaknasta užad – Opće specifikacije (ISO/DIS 9554:2018)

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

- EN ISO 11118:2015/prA1 en
Gas cylinders – Non-refillable metallic gas cylinders – Specification and test methods (ISO 11118:2015:DAM 1:2018)
Plinske boce – Jednokratno punjive metalne plinske boce – Specifikacija i metode ispitivanja (ISO 11118:2015:DAM 1:2018)

- prEN 12514 en
Components for supply systems for consuming units with liquid fuels
Elementi sustava opskrbe potrošnih jedinica tekućim gorivima

HZN/TO E15, *Čvrsti elektrotehnički izolacijski materijali*

- prEN IEC 60684-3-216:2018 en
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 216: Heat-shrinkable, flame-retarded, limited-fire-hazard sleeving (IEC 60684-3-216:201X)
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlake – 216. list: Toplinski skupljajuće navlake s usporenim gorenjem i ograničenom opasnošću od vatre (IEC 60684-3-216:201X)

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

- prEN IEC 62384:2018 en
DC or AC supplied electronic control gear for LED modules – Performance requirements (IEC 62384:201X)
Elektroničke prigušnice koje se napajaju istosmjernom ili izmjeničnom strujom za module svjetlećih dioda – Izvedbeni zahtjevi (IEC 62384:201X)

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

FprHD 60364-7-721:2017/FprAA:2018 en
Low voltage electrical installations – Part 7-721: Requirements for special installations or locations – Electrical installations in caravans and motor caravans
Niskonaponske električne instalacije – Dio 7-721: Zahtjevi za posebne instalacije ili prostore – Električne instalacije u stambenim autoprikolicama i motornim stambenim autoprikolicama

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

prEN IEC 62541-3:2018 en
OPC unified architecture – Part 3: Address Space Model (IEC 62541-3:201X)
OPC objedinjena arhitektura – 3. dio: Address Space model (IEC 62541-3:201X)

prEN IEC 62541-4:2018 en
OPC Unified Architecture – Part 4: Services (IEC 62541-4:201X)
OPC objedinjena arhitektura – 4. dio: Usluge (IEC 62541-4:201X)

prEN IEC 62541-5:2018 en
OPC Unified Architecture – Part 5: Information Model (IEC 62541-5:201X)
OPC objedinjena arhitektura – 5. dio: Informacijski model (IEC 62541-5:201X)

prEN IEC 62541-6:2018 en
OPC unified architecture – Part 6: Mappings (IEC 62541-6:201X)
OPC objedinjena arhitektura – 6. dio: Preslikavanja (IEC 62541-6:201X)

prEN IEC 62541-7:2018 en
OPC unified architecture – Part 7: Profiles (IEC 62541-7:201X)
OPC objedinjena arhitektura – 7. dio: Profili (IEC 62541-7:201X)

prEN IEC 62541-8:2018 en
OPC Unified Architecture – Part 8: Data Access (IEC 62541-8:201X)
OPC objedinjena arhitektura – 8. dio: Pristup podacima (IEC 62541-8:201X)

prEN IEC 62541-9:2018 en
OPC Unified Architecture – Part 9: Alarms and conditions (IEC 62541-9:201X)
OPC objedinjena arhitektura – 9. dio: Alarmi i stanja (IEC 62541-9:201X)

prEN IEC 62541-10:2018 en
OPC Unified Architecture – Part 10: Programs (IEC 62541-10:201X)
OPC objedinjena arhitektura – 10. dio: Programi (IEC 62541-10:201X)

prEN IEC 62541-11:2018 en
OPC Unified Architecture – Part 11: Historical Access (IEC 62541-11:201X)
OPC objedinjena arhitektura – 11. dio: Pristup povijesnim podacima (IEC 62541-11:201X)

prEN IEC 62541-12:2018 en
Unified Architecture Specification – Part 12: Discovery (IEC 62541-12:201X)

prEN IEC 62541-13:2018 en
OPC Unified Architecture – Part 13: Aggregates (IEC 62541-13:201X)
OPC objedinjena arhitektura – 13. dio: Okupljanja (IEC 62541-13:201X)

prEN IEC 62541-14:2018 en
OPC Unified Architecture – Part 14: PubSub (IEC 62541-14:201X)

HZN/TO E88, Vjetroagregati

prEN IEC 61400-27-1:2018 en
Wind energy generation systems – Part 27-1: Electrical simulation models – Generic models (IEC 61400-27-1:201X)

prEN IEC 61400-27-2:2018 en
Wind energy generation systems – Part 27-2: Electrical simulation models – Model validation (IEC 61400-27-2:201X)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

EN 50600-4-2:2016/prAA:2018 en
Information technology – Data centre facilities and infrastructures – Part 4-2: Power Usage Effectiveness

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

prEN ISO/IEC 17021-2 en
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 2: Competence requirements for auditing and certification of environmental management systems (ISO/IEC 17021-2:2016)
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja – 2. dio: Zahtjevi osposobljenosti za auditiranje i certifikaciju sustava upravljanja okolišem (ISO/IEC 17021-2:2016)

prEN ISO/IEC 17021-3 en
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 3: Competence requirements for auditing and certification of quality management systems (ISO/IEC 17021-3:2017)
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja – 3. dio: Zahtjevi osposobljenosti za auditiranje i certifikaciju sustava upravljanja kvalitetom (ISO/IEC 17021-3:2017)

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

prEN 686 en
Resilient floor coverings – Specification for plain and decorative linoleum on a foam backing
Elastične podne obloge – Specifikacija za linoleum sa ili bez uzorka na pjenastoj podlozi

prEN 687 en
Resilient floor coverings – Specification for plain and decorative linoleum on a corkment backing
Elastične podne obloge – Specifikacija za linoleum sa ili bez uzorka na plutenoj podlozi

EN 16582-1:2015/prA1:2018 en
Domestic swimming pools – Part 1: General requirements including safety and test methods
Bazeni u kućanstvu – 1. dio: Opći zahtjevi uključujući sigurnost i metode ispitivanja

EN 16713-2:2016/prA1:2018 en
Domestic swimming pools – Water systems – Part 2: Circulation systems – Requirements and test methods
Bazeni u kućanstvu – Vodeni sustavi – 2. dio: Sustavi optoka vode – Zahtjevi i metode ispitivanja

HZN/TU I2, Strojstvo 2

prEN ISO 5010 en
Earth-moving machinery – Wheeled machines – Steering requirements (ISO/DIS 5010:2018)
Strojevi za zemljane radove – Strojevi s kotačima – Zahtjevi za upravljanje (ISO/DIS 5010:2018)

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

FprEN 3275 en
Aerospace series – Pipe coupling 8°30' up to 28 000 kPa
Dynamic beam seal – Metric series – Technical specification
Zrakoplovstvo – Priključak cijevi 8°30' up to 28000 kPa – Brtve s dinamičkim snopom – Metrički nizovi – Tehnička specifikacija

FprEN 3833 en
Aerospace series – Bolts, MJ threads, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), passivated – Classification: 1 550 MPa (at ambient temperature) / 650 °C – Technical specification
Zrakoplovstvo – Vijci, s "MJ" navojem, otporni na toplinu od legure na bazi nikla NI-PH2601 (Inconel 718), pasivizirani – Klasifikacija: 1550 MPa (pri temperaturi okoline)/650 °C – Tehnička specifikacija

FprEN 4660-003 en
Aerospace series – Modular and Open Avionics Architectures – Part 003: Communications/Network
Zrakoplovstvo – Modularna i otvorena avionska arhitektura – 003. dio: Komunikacija/mreža

FprEN 4852 en
Aerospace series – External spiral drive heads for threaded fasteners – Geometrical definition and wrenching configuration

FprEN 4854-1 en
Aerospace series – Bearing, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions, narrow series – Part 1: Dimensions and loads

FprEN 4854-2 en
Aerospace series – Bearing, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions, wide series – Part 2: Dimensions and loads

FprEN 4854-3 en
Aerospace series – Bearing, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions – Part 3: Technical specification

FprEN 6055 en
Aerospace series – Rod-end with bearing EN 4265 in corrosion resisting steel, external threaded shank – Dimensions and loads – Inch series

FprEN 6056 en
Aerospace series – Rod-end with bearing per EN 4614 with self lubricating liner in corrosion resisting steel with external threaded shank – Dimensions and loads – Inch series

FprEN 6096 en
Aerospace series – Bearing, spherical plain with self-lubricating liner, extra wide inner ring in corrosion resisting steel – Dimensions and loads – Inch series

FprEN 6097 en
Aerospace series – Bearing, spherical plain, metal to metal, extra wide inner ring in corrosion resisting steel – Dimensions and loads – Inch series

FprEN 6098 en
Aerospace series – Rod-end with bearing per EN 6097 in corrosion resisting steel, extra wide inner ring, external threaded shank – Dimensions and loads – Inch series

FprEN 6133 en
Aerospace series – Rod-end; with bearing per EN 6096, with self-lubricating liner in corrosion resisting steel, extra wide inner ring, external threaded shank – Dimensions and loads – Inch series

prEN 16603-11 en
Space engineering – Definition of the Technology Readiness Levels (TRLs) and their criteria of assessment (ISO 16290:2013, MOD)

HZN/TU V1, *Elektronika 1*

EN 60062:2016/prA1:2018 en
Marking codes for resistors and capacitors (IEC 60062:2016/am1:201X)

prEN IEC 60917-1:2018 en
Modular order for the development of mechanical structures for electronic equipment practices – Part 1: Generic standard (IEC 60917-1:201X)

prEN IEC 61756-1:2018 en
Fibre optic interconnecting devices and passive components – Interface standard for fibre management systems – Part 1: General and guidance (IEC 61756-1:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

prEN 45555 en
General methods for assessing the recyclability and recoverability of energy related products

prEN 45556 en
General method for assessing the proportion of re-used components in energy-related products

prEN IEC 60095-6:2018 en
Lead-Acid Starter Batteries – Part 6: Batteries for Micro-Cycle Applications (IEC 60095-6:201X)

prEN IEC 60095-7:2018 en
Lead-acid starter batteries – Part 7: General requirements and methods of test for motorcycle batteries (IEC 60095-7:201X)

prEN IEC 60704-2-16:2018 en
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-16: Particular requirements for washer-dryers (IEC 60704-2-16:201X)

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, nputak) 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 21, *Protupožarna i vatrogasna oprema*

HRN EN 54-7:2005 en
Sustavi za otkrivanje i dojavu požara – 7. dio: Detektori dima – Točkasti detektori koji upotrebljavaju raspršivanje svjetla, prolazak svjetla ili ionizaciju (EN 54-7:2000+A1:2002)
Fire detection and fire alarm systems – Part 7: Smoke detectors – Point detectors using scattered light, transmitted light or ionization (EN 54-7:2000+A1:2002)
- zamijenjena s: HRN EN 54-7:2018

HRN EN 54-7:2005/A2:2008 en
Sustavi za otkrivanje i dojavu požara – 7. dio: Detektori dima – Točkasti detektori koji upotrebljavaju raspršivanje svjetla, prolazak svjetla ili ionizaciju (EN 54-7:2000/A2:2006)
Fire detection and fire alarm systems – Part 7: Smoke detectors – Point detectors using scattered light, transmitted light or ionization (EN 54-7:2000/A2:2006)
- zamijenjena s: HRN EN 54-7:2018

HZN/TO 25, *Ljevarstvo*

HRN EN 1563:2011 en
Ljevarstvo – Nodularni lijevovi (EN 1563:2011)
Founding – Spheroidal graphite cast irons (EN 1563:2011)
- zamijenjena s: HRN EN 1563:2018

HZN/TO 28, *Naftni proizvodi i maziva*

HRS CEN/TS 15293:2011 en
Goriva za motorna vozila – Etanol (E85) gorivo za motorna vozila – Zahtjevi i metode ispitivanja (CEN/TS 15293:2011)
Automotive fuels – Ethanol (E85) automotive fuel – Requirements and test methods (CEN/TS 15293:2011)
- zamijenjena s: HRN EN 15293:2018

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 22000:2006 hr,en
Sustavi upravljanja sigurnošću hrane – Zahtjevi za svaku organizaciju u lancu hrane (ISO 22000:2005; EN ISO 22000:2005)
Food safety management systems – Requirements for any organization in the food chain (ISO 22000:2005; EN ISO 22000:2005)
- zamijenjena s: HRN EN ISO 22000:2018

HZN/TO 43, *Akustika*

HRN EN ISO 16283-2:2016 en
Akustika – Terensko mjerenje zvučne izolacije u zgradama i građevnih dijelova zgrade – 2. dio: Udarne zvučna izolacija (ISO 16283-2:2015; EN ISO 16283-2:2015)
Acoustics – Field measurement of sound insulation in buildings and of building elements – Part 2: Impact sound insulation (ISO 16283-2:2015; EN ISO 16283-2:2015)
- zamijenjena s: HRN EN ISO 16283-2:2018

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN 560:2008 en
Oprema za plinsko zavarivanje – Priklučci crijeva za opremu za zavarivanje, rezanje i srodne postupke (EN 560:2005+AC:2007)
Gas welding equipment – Hose connections for equipment for welding, cutting and allied processes (EN 560:2005+AC:2007)
- zamijenjena s: HRN EN 560:2018

HRN EN 1395-5:2008 en
Toplinsko naštrecavanje – Pregled pri preuzimanju opreme za toplinsko naštrecavanje – 5. dio: Naštrecavanje plazmom u komorama (EN 1395-5:2007)
Thermal spraying – Acceptance inspection of thermal spraying equipment – Part 5: Plasma spraying in chambers (EN 1395-5:2007)
- zamijenjena s: HRN EN 1395-5:2018

HRN EN ISO 3690:2013 en
Zavarivanje i srodni postupci – Određivanje sadržaja vodika u elektrolučno zavarenome metalu (ISO 3690:2012; EN ISO 3690:2012)
Welding and allied processes – Determination of hydrogen content in arc weld metal (ISO 3690:2012; EN ISO 3690:2012)
- zamijenjena s: HRN EN ISO 3690:2018

HRN EN 13507:2011 en
Toplinsko naštrecavanje – Priprema površina metalnih dijelova i komponenata za toplinsko naštrecavanje (EN 13507:2010)
Thermal spraying – Pre-treatment of surfaces of metallic parts and components for thermal spraying (EN 13507:2010)
- zamijenjena s: HRN EN 13507:2018

HRN EN ISO 15626:2013 en
Nerazorno ispitivanje zavarenih spojeva – Tehnika ultrazvučne difrakcije (TOFD) – Razine prihvatljivosti (ISO 15626:2011; EN ISO 15626:2013)
Non-destructive testing of welds – Time-of-flight diffraction technique (TOFD) – Acceptance levels (ISO 15626:2011; EN ISO 15626:2013)
- zamijenjena s: HRN EN ISO 15626:2018

HRI CEN/TR 20173:2010 en
Zavarivanje – Sustavi razvrstavanja materijala – Američki materijali (ISO/TR 20173:2009; CEN ISO/TR 20173:2009)
Welding – Grouping systems for materials – American materials (ISO/TR 20173:2009; CEN ISO/TR 20173:2009)
- zamijenjena s: HRI CEN ISO/TR 20173:2018

HZN/TO 135, Nerazorna ispitivanja

HRN EN ISO 11699-2:2012 en
Nerazorno ispitivanje – Film za industrijsku radiografiju – 2. dio: Provjera kemijske obrade filma pomoću referentnih vrijednosti (ISO 11699-2:1998; EN ISO 11699-2:2011)
Non-destructive testing – Industrial radiographic films – Part 2: Control of film processing by means of reference values (ISO 11699-2:1998; EN ISO 11699-2:2011)
- zamijenjena s: HRN EN ISO 11699-2:2018

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

HRN EN ISO 11296-3:2011 en
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 3. dio: Oblaganje prijanjajućim cijevima (ISO 11296-3:2009+Cor 1:2011; EN ISO 11296-3:2011)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes (ISO 11296-3:2009+Cor 1:2011; EN ISO 11296-3:2011)
- zamijenjena s: HRN EN ISO 11296-3:2018

HZN/TO 159, Ergonomija

HRN EN ISO 9241-306:2010 en
Ergonomija interakcije čovjek-sustav – 306. dio: Metode procjene zaslona na licu mjesta (ISO 9241-306:2008; EN ISO 9241-306:2008)
Ergonomics of human-system interaction – Part 306: Field assessment methods for electronic visual displays (ISO 9241-306:2008; EN ISO 9241-306:2008)
- zamijenjena s: HRN EN ISO 9241-306:2018

HZN/TO 163, Toplinska izolacija

HRN EN 13497:2004 en
Toplinsko-izolacijski proizvodi za primjenu u zgradarstvu – Određivanje otpornosti na udar povezanih sustava za vanjsku toplinsku izolaciju (ETICS) (EN 13497:2002)
Thermal insulation products for building applications – Determination of the resistance to impact of external thermal insulation composite systems (ETICS) (EN 13497:2002)
- zamijenjena s: HRN EN 13497:2018

HZN/TO 181, Sigurnost igračka i proizvodi za djecu

HRN EN 1400:2014 en
Proizvodi za dojenčad i malu djecu – Duge varalice za dojenčad i malu djecu – Sigurnosni zahtjevi i metode ispitivanja (EN 1400:2013+A1:2014)
Child use and care articles – Soothers for babies and young children – Safety requirements and test methods (EN 1400:2013+A1:2014)
- zamijenjena s: HRN EN 1400:2018

HRN EN 16232:2013 en
Proizvodi za dojenčad i malu djecu – Njihaljke za dojenčad (EN 16232:2013)
Child use and care articles – Infant swings (EN 16232:2013)
- zamijenjena s: HRN EN 16232:2018

HZN/TO 215, Medicinska informatika

HRN EN ISO 11238:2014 en
Medicinska informatika – Identifikacija medicinskih proizvoda – Podaci i strukture za jedinstvenu identifikaciju i razmjenu propisanih informacija o sastojcima (ISO 11238:2012; EN ISO 11238:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on substances (ISO 11238:2012; EN ISO 11238:2012)
- zamijenjena s: HRN EN ISO 11238:2018

HZN/TO 218, Drvo

HRN EN 13756:2008 en
Drvene podne obloge – Nazivlje (EN 13756:2002)
Wood flooring – Terminology (EN 13756:2002)
- zamijenjena s: HRN EN 13756:2018

HZN/TO 301, Upravljanje energijom i ušteda energije

HRN EN ISO 50001:2012 en
Sustavi upravljanja energijom – Zahtjevi s uputama za uporabu (ISO 50001:2011; EN ISO 50001:2011)
Energy management systems – Requirements with guidance for use (ISO 50001:2011; EN ISO 50001:2011)
- zamijenjena s: HRN EN ISO 50001:2018

HZN/TO 503, Metalni materijali

HRN EN ISO 8251:2012 en
Anodizacija aluminija i njegovih legura – Mjerenje otpornosti na abraziju prevlaka dobivenih anodnom oksidacijom (ISO 8251:2011; EN ISO 8251:2011)
Anodizing of aluminium and its alloys – Measurement of abrasion resistance of anodic oxidation coatings (ISO 8251:2011; EN ISO 8251:2011)
- zamijenjena s: HRN EN ISO 8251:2018

HRN EN ISO 8434-1:2008 en
Metalni cijevni priključci za uporabu u tehnologiji fluida pod pritiskom i opću namjenu – 1. dio: 24° stožasti priključci (ISO 8434-1:2007; EN ISO 8434-1:2007)
Metallic tube connections for fluid power and general use – Part 1: 24 degree cone connectors (ISO 8434-1:2007; EN ISO 8434-1:2007)
- zamijenjena s: HRN EN ISO 8434-1:2018

HRN EN ISO 8434-1:2008/Ispr.1:2009 en
Metalni cijevni priključci za uporabu u tehnologiji fluida pod pritiskom i opću namjenu – 1. dio: 24° stožasti priključci (EN ISO 8434-1:2007/AC:2009)
Metallic tube connections for fluid power and general use – Part 1: 24 degree cone connectors (EN ISO 8434-1:2007/AC:2009)
- zamijenjena s: HRN EN ISO 8434-1:2018

HZN/TO 531, *Plastika i guma*

- HRN EN ISO 1856:2008 en
Savitljivi pjenasti polimerni materijali – Određivanje ostatne stlačivosti (ISO 1856:2000+Amd 1:2007; EN ISO 1856:2000+A1:2007)
Flexible cellular polymeric materials – Determination of compression set (ISO 1856:2000+Amd 1:2007; EN ISO 1856:2000+A1:2007)
- zamijenjena s: HRN EN ISO 1856:2018
- HRN EN ISO 8067:2009 en
Savitljivi pjenasti polimerni materijali – Određivanje zaderne čvrstoće (ISO 8067:2008; EN ISO 8067:2008)
Flexible cellular polymeric materials – Determination of tear strength (ISO 8067:2008; EN ISO 8067:2008)
- zamijenjena s: HRN EN ISO 8067:2018
- HRN EN ISO 8307:2008 en
Savitljivi pjenasti polimerni materijali – Određivanje elastičnosti odskokom kuglice (ISO 8307:2007; EN ISO 8307:2007)
Flexible cellular polymeric materials – Determination of resilience by ball rebound (ISO 8307:2007; EN ISO 8307:2007)
- zamijenjena s: HRN EN ISO 8307:2018
- HRN EN ISO 12058-1:2008 en
Plastika – Određivanje viskoznosti viskozimetrom s padajućom kuglicom – 1. dio: Metoda s nagnutom cijevi (ISO 12058-1:1997; EN ISO 12058-1:2002+AC:2004)
Plastics – Determination of viscosity using a falling-ball viscometer – Part 1: Inclined-tube method (ISO 12058-1:1997; EN ISO 12058-1:2002+AC:2004)
- zamijenjena s: HRN EN ISO 12058-1:2018
- HRN EN ISO 14855-2:2010 en
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u kontroliranim uvjetima kompostiranja – Metoda analize nastaloga ugljikovog dioksida – 2. dio: Gravimetrijsko mjerenje nastaloga ugljikovog dioksida u laboratorijskom mjerilu (ISO 14855-2:2007+Cor 1:2009; EN ISO 14855-2:2009)
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test (ISO 14855-2:2007+Cor 1:2009; EN ISO 14855-2:2009)
- zamijenjena s: HRN EN ISO 14855-2:2018

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

- HRN EN 1096-4:2008 en
Staklo u graditeljstvu – Staklo s premazom – 4. dio: Vrednovanje sukladnosti/norma za proizvod (EN 1096-4:2004)
Glass in building – Coated glass – Part 4: Evaluation of conformity/Product standard (EN 1096-4:2004)
- zamijenjena s: HRN EN 1096-4:2018
- HRN EN 12519:2008 en,fr,de
Prozori i pješačka vrata – Nazivlje (EN 12519:2004)
Windows and pedestrian doors – Terminology (EN 12519:2004)
- zamijenjena s: HRN EN 12519:2018
- HRN EN 13126-6:2009 en
Građevni okovi – Zahtjevi i ispitne metode za prozore i prozorska vrata – 6. dio: Šarke s promjenjivom geometrijom zadržavanja (s kočnim sustavom ili bez njega) (EN 13126-6:2008)
Building hardware – Requirements and test methods for windows and doors height windows – Part 6: Variable geometry stay hinges (with or without a friction stay) (EN 13126-6:2008)
- zamijenjena s: HRN EN 13126-6:2018

HZN/TO 544, *Strojni elementi*

- HRN EN 14399-7:2008 en
Visokočvrsti konstrukcijski predopterećeni vijčani spojevi – 7. dio: Sustav HR – Spojevi vijka s upuštenom glavom i matice (EN 14399-7:2007)
High-strength structural bolting assemblies for preloading – Part 7: System HR – Countersunk head bolt and nut assemblies (EN 14399-7:2007)
- zamijenjena s: HRN EN 14399-7:2018
- HRN EN 14399-8:2008 en
Visokočvrsti konstrukcijski predopterećeni vijčani spojevi – 8. dio: Sustav HV – Spojevi dosjednog vijka sa šesterokutnom glavom i šesterokutne matice (EN 14399-8:2007)
High-strength structural bolting assemblies for preloading – Part 8: System HV – Hexagon fit bolt and nut assemblies (EN 14399-8:2007)
- zamijenjena s: HRN EN 14399-8:2018

HZN/TO 556, *Osobna zaštitna oprema*

- HRN EN 14458:2008 en
Osobna oprema za oči – Štitnici za lice i viziri za uporabu s vatrogasnim i visokoučinskim industrijskim sigurnosnim kacigama koje upotrebljavaju vatrogasci, hitna medicinska pomoć i spasilačke službe (EN 14458:2004)
Personal eye-equipment – Faceshields and visors for use with firefighters' and high performance industrial safety helmets used by firefighters, ambulance and emergency services (EN 14458:2004)
- zamijenjena s: HRN EN 14458:2018

HZN/TO 557, *Zaštitna odjeća*

- HRN EN 1073-1:2016 en
Odjeća za zaštitu od čvrstih čestica raspršenih u zraku uključujući radioaktivnu kontaminaciju – 1. dio: Zahtjevi i metode ispitivanja za zaštitnu odjeću s cijevnim prozračivanjem stlačenim zrakom, koja štiti tijelo i dišne organe (EN 1073-1:2016)
Protective clothing against solid airborne particles including radioactive contamination – Part 1: Requirements and test methods for compressed air line ventilated protective clothing, protecting the body and the respiratory tract (EN 1073-1:2016)
- zamijenjena s: HRN EN 1073-1:2018
- HRN EN 1073-1:2016/Ispr.1:2016 en
Odjeća za zaštitu od čvrstih čestica raspršenih u zraku uključujući radioaktivnu kontaminaciju – 1. dio: Zahtjevi i metode ispitivanja za zaštitnu odjeću s cijevnim prozračivanjem stlačenim zrakom, koja štiti tijelo i dišne organe (EN 1073-1:2016/AC:2016)
Protective clothing against solid airborne particles including radioactive contamination – Part 1: Requirements and test methods for compressed air line ventilated protective clothing, protecting the body and the respiratory tract (EN 1073-1:2016/AC:2016)
- zamijenjena s: HRN EN 1073-1:2018
- HRN EN 1149-5:2008 en
Zaštitna odjeća – Elektrostaticka svojstva – 5. dio: Zahtjevi za svojstva materijala i dizajn (EN 1149-5:2008)
Protective clothing – Electrostatic properties – Part 5: Material performance and design requirements (EN 1149-5:2008)
- zamijenjena s: HRN EN 1149-5:2018

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

- HRN EN 12493:2014 en
Oprema i pribor za UNP – Zavarene čelične tlačne posude za UNP spremnike za cestovna vozila – Projektiranje i proizvodnja (EN 12493:2013+A1:2014)
LPG equipment and accessories – Welded steel pressure vessels for LPG road tankers – Design and manufacture (EN 12493:2013+A1:2014)
- zamijenjena s: HRN EN 12493:2018
- HRN EN 12493:2014/Ispr.1:2015 en
Oprema i pribor za UNP – Zavarene čelične tlačne posude za UNP spremnike za cestovna vozila – Projektiranje i proizvodnja (EN 12493:2013+A1:2014/AC:2015)
LPG equipment and accessories – Welded steel pressure vessels for LPG road tankers – Design and manufacture (EN 12493:2013+A1:2014/AC:2015)
- zamijenjena s: HRN EN 12493:2018
- HRN EN 12809:2008 en
Kotlovi na kruta goriva – Nazivna snaga do 50 kW – Zahtjevi i ispitne metode (EN 12809:2001+A1:2004+AC:2006+A1:2004/AC:2007)
Residential independent boilers fired by solid fuel – Nominal heat output up to 50 kW – Requirements and test methods (EN 12809:2001+A1:2004+AC:2006+A1:2004/AC:2007)
- zamijenjena s: HRN EN 16510-1:2018
- HRN EN 12815:2004 en
Štednjaci na kruta goriva – Zahtjevi i metode ispitivanja (EN 12815:2001)
Residential cookers fired by solid fuel – Requirements and test methods (EN 12815:2001)
- zamijenjena s: HRN EN 16510-1:2018
- HRN EN 12815:2004/A1:2008 en
Štednjaci na kruta goriva – Zahtjevi i metode ispitivanja (EN 12815:2001/A1:2004)
Residential cookers fired by solid fuel – Requirements and test methods (EN 12815:2001/A1:2004)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 12815:2004/A1:2008/Ispr.2:2008 en
Štednjaci na kruta goriva – Zahtjevi i metode ispitivanja
(EN 12815:2001/A1:2004/AC:2007)
Residential cookers fired by solid fuel – Requirements and
test methods (EN 12815:2001/A1:2004/AC:2007)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 12815:2004/Ispr.1:2008 en
Štednjaci na kruta goriva – Zahtjevi i metode ispitivanja
(EN 12815:2001/AC:2006)
Residential cookers fired by solid fuel – Requirements and
test methods (EN 12815:2001/AC:2006)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13229:2004 en
Kamini za ugradnju i otvoreni kamini na kruta goriva – Zahtjevi
i metode ispitivanja (EN 13229:2001)
Inset appliances including open fires fired by solid fuels
– Requirements and test methods (EN 13229:2001)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13229:2004/A1:2008 en
Kamini za ugradnju i otvoreni kamini na kruta goriva – Zahtjevi
i metode ispitivanja (EN 13229:2001/A1:2003)
Inset appliances including open fires fired by solid fuels
– Requirements and test methods (EN 13229:2001/A1:2003)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13229:2004/A2:2008 en
Kamini za ugradnju i otvoreni kamini na kruta goriva – Zahtjevi i
metode ispitivanja (EN 13229:2001/A2:2004)
Inset appliances including open fires fired by solid fuels
– Requirements and test methods (EN 13229:2001/A2:2004)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13229:2004/A2:2008/Ispr.2:2008 en
Kamini za ugradnju i otvoreni kamini na kruta goriva – Zahtjevi i
metode ispitivanja (EN 13229:2001/A2:2004/AC:2007)
Inset appliances including open fires fired by solid fuels
– Requirements and test methods (EN 13229:2001/A2:2004/AC:2007)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13229:2004/Ispr.1:2008 en
Kamini za ugradnju i otvoreni kamini na kruta goriva – Zahtjevi i
metode ispitivanja (EN 13229:2001/AC:2006)
Inset appliances including open fires fired by solid fuels
– Requirements and test methods (EN 13229:2001/AC:2006)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13240:2004 en
Grijalice prostora na kruto gorivo – Zahtjevi i metode ispitivanja
(EN 13240:2001)
Room heaters fired by solid fuel – Requirements and test
methods (EN 13240:2001)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13240:2004/A2:2008 en
Grijalice prostora na kruto gorivo – Zahtjevi i metode ispitivanja
(EN 13240:2001/A2:2004)
Room heaters fired by solid fuel – Requirements and test
methods (EN 13240:2001/A2:2004)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13240:2004/A2:2008/Ispr.2:2008 en
Grijalice prostora na kruto gorivo – Zahtjevi i metode ispitivanja
(EN 13240:2001/A2:2004/AC:2007)
Room heaters fired by solid fuel – Requirements and test
methods (EN 13240:2001/A2:2004/AC:2007)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN 13240:2004/Ispr.1:2008 en
Grijalice prostora na kruto gorivo – Zahtjevi i metode ispitivanja
(EN 13240:2001/AC:2006)
Room heaters fired by solid fuel – Requirements and test
methods (EN 13240:2001/AC:2006)
- zamijenjena s: HRN EN 16510-1:2018

HRN EN ISO 13769:2009 en
Plinske boce – Označavanje žigovima (ISO 13769:2007;
EN ISO 13769:2009)
Gas cylinders – Stamp marking (ISO 13769:2007; EN ISO 13769:2009)
- zamijenjena s: HRN EN ISO 13769:2018

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

HRN EN 13451-10:2014 en
Oprema za bazene – 10. dio: Dodatni posebni sigurnosni
zahtjevi i metode ispitivanja za platforme za ronjenje, ronilačke
odskočne daske i pripadajuću opremu (EN 13451-10:2014)
Swimming pool equipment – Part 10: Additional specific
safety requirements and test methods for diving
platforms, diving springboards and associated equipment
(EN 13451-10:2014)
- zamijenjena s: HRN EN 13451-10:2018

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

HRN ISO 10001:2009 en
Upravljanje kvalitetom – Zadovoljstvo kupca – Smjernice za
kodeks ponašanja za organizacije (ISO 10001:2007)
Quality management – Customer satisfaction – Guidelines for
codes of conduct for organizations (ISO 10001:2007)
- bez zamjene

HRN ISO 10002:2016 en
Upravljanje kvalitetom – Zadovoljstvo kupca – Smjernice
za postupanje s reklamacijama u organizacijama
(ISO 10002:2014)
Quality management – Customer satisfaction – Guidelines for
complaints handling in organizations (ISO 10002:2014)
- zamijenjena s: HRN ISO 10002:2018

HRN ISO 10003:2009 en
Upravljanje kvalitetom – Zadovoljstvo kupca – Smjernice za
rješavanje sporova izvan organizacija (ISO 10003:2007)
Quality management – Customer satisfaction – Guidelines
for dispute resolution external to organizations
(ISO 10003:2007)
- zamijenjena s: HRN ISO 10003:2018

HRN ISO 10004:2016 en
Upravljanje kvalitetom – Zadovoljstvo kupca – Smjernice za
praćenje i mjerenje (ISO 10004:2012)
Quality management – Customer satisfaction – Guidelines for
monitoring and measuring (ISO 10004:2012)
- zamijenjena s: HRN ISO 10004:2018

HRN ISO 10005:2008 en
Sustavi upravljanja kvalitetom – Smjernice za planove
kvalitete (ISO 10005:2005)
Quality management systems – Guidelines for quality plans
(ISO 10005:2005)
- zamijenjena s: HRN ISO 10005:2018

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

HRN EN 16167:2013 en
Muljevi, obrađeni biootpad i tlo – Određivanje polikloriranih
bifenila (PCB) metodom plinske kromatografije/
spektrometrijom mase (GC-MS) i plinskom kromatografijom
uz detekciju detektorom na zahvat elektrona (GC-ECD)
(EN 16167:2012)
Sludge, treated biowaste and soil – Determination of
polychlorinated biphenyls (PCB) by gas chromatography with
mass selective detection (GC-MS) and gas chromatography
with electron-capture detection (GC-ECD) (EN 16167:2012)
- zamijenjena s: HRN EN 16167:2018

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60601-2-1:2000 en
Medicinski električni uređaji – Dio 2-1: Posebni zahtjevi za
sigurnost elektronskih akceleratora u području od 1 MeV do
50 MeV (IEC 60601-2-1:1998; EN 60601-2-1:1998)
Medical electrical equipment – Part 2-1: Particular requirements
for the safety of electron accelerators in the range of 1 MeV to
50 MeV (IEC 60601-2-1:1998; EN 60601-2-1:1998)
- zamijenjena s: HRN EN 60601-2-1:2015

HRN EN 60601-2-1:2000/A1:2003 en
Medicinska električna oprema – Dio 2-1: Posebni zahtjevi
za sigurnost elektronskih akceleratora u području od
1 MeV do 50 MeV (IEC 60601-2-1:1998/am1:2002;
EN 60601-2-1:1998/A1:2002)
Medical electrical equipment – Part 2-1: Particular
requirements for the safety of electron accelerators in the
range of 1 MeV to 50 MeV (IEC 60601-2-1:1998/am1:2002;
EN 60601-2-1:1998/A1:2002)
- zamijenjena s: HRN EN 60601-2-1:2015

HRN EN 60601-2-18:1999 en
Medicinski električni uređaji – 2. dio: Posebni sigurnosni zahtjevi za endoskopijske uređaje (IEC 60601-2-18:1996; EN 60601-2-18:1996)
Medical electrical equipment – Part 2: Particular requirements for the safety of endoscopic equipment (IEC 60601-2-18:1996; EN 60601-2-18:1996)
- zamijenjena s: HRN EN 60601-2-18:2015

HRN EN 60601-2-18:1999/A1:2003 en
Medicinska električna oprema – 2. dio: Posebni zahtjevi za sigurnost endoskopske opreme (IEC 60601-2-18:1996/am1:2000; EN 60601-2-18:1996/A1:2000)
Medical electrical equipment – Part 2: Particular requirements for the safety of endoscopic equipment (IEC 60601-2-18:1996/am1:2000; EN 60601-2-18:1996/A1:2000)
- zamijenjena s: HRN EN 60601-2-18:2015

HRN EN 60601-2-23:2003 en
Medicinska električna oprema – Dio 2-23: Posebni zahtjevi za sigurnost, uključivo i bitne zahtjeve, opreme za transkutano nadziranje parcijalnoga tlaka (IEC 60601-2-23:1999; EN 60601-2-23:2000)
Medical electrical equipment – Part 2-23: Particular requirements for the safety, including essential performance, of transcutaneous partial pressure monitoring equipment (IEC 60601-2-23:1999; EN 60601-2-23:2000)
- zamijenjena s: HRN EN 60601-2-23:2015

HRN EN 60601-2-25:1999 en
Medicinska električna oprema – Dio 2-25: Posebni zahtjevi za sigurnost elektrokardiografa (IEC 60601-2-25:1993; EN 60601-2-25:1995)
Medical electrical equipment – Part 2-25: Particular requirements for the safety of electrocardiographs (IEC 60601-2-25:1993; EN 60601-2-25:1995)
- zamijenjena s: HRN EN 60601-2-25:2015

HRN EN 60601-2-25:1999/A1:2003 en
Medicinska električna oprema – Dio 2-25: Posebni zahtjevi za sigurnost elektrokardiografa (IEC 60601-2-25:1993/am1:1999; EN 60601-2-25:1995/A1:1999)
Medical electrical equipment – Part 2-25: Particular requirements for the safety of electrocardiographs (IEC 60601-2-25:1993/am1:1999; EN 60601-2-25:1995/A1:1999)
- zamijenjena s: HRN EN 60601-2-25:2015

HRN EN 60601-2-36:2000 en
Medicinski električni uređaji – 2. dio: Posebni zahtjevi za sigurnost uređaja za izvantjelesno induciranu litotripsiju (IEC 60601-2-36:1997; EN 60601-2-36:1997)
Medical electrical equipment – Part 2: Particular requirements for the safety of equipment for extracorporeally induced lithotripsy (IEC 60601-2-36:1997; EN 60601-2-36:1997)
- zamijenjena s: HRN EN 60601-2-36:2015

HRN EN 60601-2-51:2003 en
Medicinska električna oprema – Dio 2-51: Posebni zahtjevi za sigurnost, uključivo i bitne karakteristike, jednokanalnih i višekanalnih elektrokardiografa, s mogućnošću registracije i analize signala (IEC 60601-2-51:2003; EN 60601-2-51:2003)
Medical electrical equipment – Part 2-51: Particular requirements for safety, including essential performance, of recording and analysing single channel and multichannel electrocardiographs (IEC 60601-2-51:2003; EN 60601-2-51:2003)
- zamijenjena s: HRN EN 60601-2-51:2015

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

HRN EN 61938:2014 en
Multimedijski sustavi – Uputa o preporučenim značajkama analognih sučelja za ostvarivanje uzajamnog djelovanja (IEC 61938:2013; EN 61938:2013)
Multimedia systems – Guide to the recommended characteristics of analogue interfaces to achieve interoperability (IEC 61938:2013; EN 61938:2013)
- zamijenjena s: HRN EN IEC 61938:2018

HRN EN 62106:2011 en
Specifikacija radiopodatkovnog sustava (RDS, Radio Data System) za VVF/FM radiodifuziju zvuka u frekvencijskom području od 87,5 do 108,0 MHz (IEC 62106:2009; EN 62106:2009)
Specification of the Radio Data System (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 MHz to 108,0 MHz (IEC 62106:2009; EN 62106:2009)
- zamijenjena s: HRN EN 62106:2015

HRN EN 62634:2012 en
Radiopodatkovni sustav (RDS, Radio Data System) – Proizvodi prijammika i značajke – Metode mjerenja (IEC 62634:2011; EN 62634:2011)
Radio data system (RDS) – Receiver products and characteristics – Methods of measurement (IEC 62634:2011; EN 62634:2011)
- zamijenjena s: HRN EN 62634:2015

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

HRN EN 60065:2005 en
Audio, video i slični elektronički uređaji – Sigurnosni zahtjevi (IEC 60065:2001+Ispravak 1:2002, preinačena; EN 60065:2002)
Audio, video and similar electronic apparatus – Safety requirements (IEC 60065:2001+Corr.1:2002, modified; EN 60065:2002)
- zamijenjena s: HRN EN 60065:2015

HRN EN 60065:2005/A11:2009 en
Audio, video i slični elektronički uređaji – Zahtjevi sigurnosti (EN 60065:2002/A11:2008)
Audio, video and similar electronic apparatus – Safety requirements (EN 60065:2002/A11:2008)
- zamijenjena s: HRN EN 60065:2015

HRN EN 60065:2005/A1:2007 en
Audio, video i slični elektronički uređaji – Zahtjevi sigurnosti (IEC 60065:2001/am1:2005, MOD; EN 60065:2002/A1:2006)
Audio, video and similar electronic apparatus – Safety requirements (IEC 60065:2001/am1:2005, MOD; EN 60065:2002/A1:2006)
- zamijenjena s: HRN EN 60065:2015

HRN EN 60065:2005/A12:2011 en
Audio, video i slični elektronički uređaji – Sigurnosni zahtjevi (EN 60065:2002/A12:2011)
Audio, video and similar electronic apparatus – Safety requirements (EN 60065:2002/A12:2011)
- zamijenjena s: HRN EN 60065:2015

HRN EN 60065:2005/A2:2011 en
Audio, video i slični elektronički uređaji – Sigurnosni zahtjevi (IEC 60065:2001/am2:2010, MOD; EN 60065:2002/A2:2010)
Audio, video and similar electronic apparatus – Safety requirements (IEC 60065:2001/am2:2010, MOD; EN 60065:2002/A2:2010)
- zamijenjena s: HRN EN 60065:2015

HRN EN 60065:2005/Corr.:2007 en
Audio, video i slični elektronički uređaji – Zahtjevi sigurnosti (EN 60065:2002/Corr.:2006)
Audio, video and similar electronic apparatus – Safety requirements (EN 60065:2002/Corr.:2006)
- zamijenjena s: HRN EN 60065:2005/Corr.2:2007

HRN EN 60065:2005/Corr.2:2007 en
Audio, video i slični elektronički uređaji – Zahtjevi sigurnosti (EN 60065:2002/Corr.2:2007)
Audio, video and similar electronic apparatus – Safety requirements (EN 60065:2002/Corr.2:2007)
- zamijenjena s: HRN EN 60065:2015

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRN EN 50173-3:2008/A1:2011/Ispr.1:2011 en
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Industrijski prostori (EN 50173-3:2007/A1:2010/AC:2011)
Information technology – Generic cabling systems – Part 3: Industrial premises (EN 50173-3:2007/A1:2010/AC:2011)
- zamijenjena s: HRN EN 50173-3:2018

HRI CLC/TR 50600-99-1:2018 en
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 99-1: Preporučene prakse upravljanja energijom (CLC/TR 50600-99-1:2017)
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management (CLC/TR 50600-99-1:2017)
- zamijenjena s: HRI CLC/TR 50600-99-1:2018

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

- HRN ISO 2424:2003 en,fr
Tekstilne podne obloge – Rječnik (ISO 2424:1992)
Textile floor coverings – Vocabulary (ISO 2424:1992)
- bez zamjene
- HRN ISO 6347:2004 en
Tekstilne podne obloge – Obavijest potrošačima (ISO 6347:2004)
Textile floor coverings – Consumer information (ISO 6347:2004)
- bez zamjene
- HRN EN 16114:2013 en
Usluge savjetovanja u upravljanju (EN 16114:2011)
Management consultancy services (EN 16114:2011)
- zamijenjena s: HRN EN ISO 20700:2018
- HRN EN ISO 23999:2013 en
Elastične podne obloge – Određivanje dimenzijske stabilnosti i valovitosti nakon izlaganja toplini (ISO 23999:2008; EN ISO 23999:2012)
Resilient floor coverings – Determination of dimensional stability and curling after exposure to heat (ISO 23999:2008; EN ISO 23999:2012)
- zamijenjena s: HRN EN ISO 23999:2018

HZN/TU B1, Graditeljstvo 1

- HRN EN 13200-3:2008 en
Spectator facilities – Part 3: Separating elements – Requirements (EN 13200-3:2005)
- zamijenjena s: HRN EN 13200-3:2018

HZN/TU I2, Strojstvo 2

- HRN EN ISO 7590:2009 en
Steel cord conveyor belts – Methods for the determination of total thickness and cover thickness (ISO 7590:2009; EN ISO 7590:2009)
- zamijenjena s: HRN EN ISO 7590:2018

HZN/TU N1, Nemetalni materijali 1

- HRN EN 1885:2008 en
Perje i pahuljica – Nazivi i definicije (EN 1885:1998+A1:2003)
Feather and down – Terms and definitions (EN 1885:1998+A1:2003)
- zamijenjena s: HRN EN 1885:2018
- HRN EN 12130:2008 en
Perje i pahuljica – Metode ispitivanja – Određivanje snage punjenja (volumen grude) (EN 12130:1998)
Feather and down – Test methods – Determination of the filling power (massic volume) (EN 12130:1998)
- zamijenjena s: HRN EN 12130:2018
- HRN EN 12131:2008 en
Perje i pahuljica – Metode ispitivanja – Određivanje kvantitativnog sastava perja i pahuljice (ručna metoda) (EN 12131:1998)
Feather and down – Test methods – Determination of the quantitative composition of feather and down (manual method) (EN 12131:1998)
- zamijenjena s: HRN EN 12131:2018
- HRN EN 13088:2008 en
Predmeti ispunjeni perjem i pahuljicom – Metoda za određivanje ukupne mase ispunjenoga proizvoda i mase ispunja (EN 13088:2001)
Manufactured articles filled with feather and down – Method for the determination of a filled product's total mass and of the mass of the filling (EN 13088:2001)
- zamijenjena s: HRN EN 13088:2018

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

- HRN EN ISO 8638:2014 en
Kardiovaskularni implantati i ekstrakorporalni sustavi – Ekstrakorporalni krvotok za uređaje za hemodijalizu, hemodijafiltriranje i hemofiltriranje (ISO 8638:2010; EN ISO 8638:2014)
Cardiovascular implants and extracorporeal systems – Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (ISO 8638:2010; EN ISO 8638:2014)
- zamijenjena s: HRN EN ISO 8637-2:2018

- HRN EN 16844:2017 en
Estetske medicinske usluge – Nekirurški medicinski postupci (EN 16844:2017)
Aesthetic medicine services – Non-surgical medical procedures (EN 16844:2017)
- zamijenjena s: HRN EN 16844:2018

- HRN EN ISO 24234:2015 en
Stomatologija – Dentalni amalgam (ISO 24234:2015; EN ISO 24234:2015)
Dentistry – Dental amalgam (ISO 24234:2015; EN ISO 24234:2015)
- zamijenjena s: HRN EN ISO 20749:2018

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

- HRN EN 2084:2015 en
Zrakoplovstvo – Kabeli, električni, jednožilni, opće namjene, s vodičima od bakra ili od legure bakra – Tehničke specifikacije (EN 2084:2015)
Aerospace series – Cables, electrical, general purpose, with conductors in copper or copper alloy – Technical specification (EN 2084:2015)
- zamijenjena s: HRN EN 2084:2018

- HRN EN 2591-100:2008 en
Nizovi o zrakoplovstvu – Elementi električne i optičke veze – Metode ispitivanja – 100. dio: Općenito (EN 2591-100:2005)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 100: General (EN 2591-100:2005)
- zamijenjena s: HRN EN 2591-100:2018

- HRN EN 2591-318:2008 en
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 318. dio: Otpornost na vatru (EN 2591-318:1998)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 318: Fire-resistance (EN 2591-318:1998)
- zamijenjena s: HRN EN 2591-318:2018

- HRN EN 3375-001:2008 en
Nizovi o zrakoplovstvu – Električni kabeli za prijenos digitalnih podataka – 001. dio: Tehnička specifikacija (EN 3375-001:2007)
Aerospace series – Cable, electrical, for digital data transmission – Part 001: Technical specification (EN 3375-001:2007)
- zamijenjena s: HRN EN 3375-001:2018

- HRN EN 3475-411:2015 en
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 411. dio: Otpornost na fluide (EN 3475-411:2014)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 411: Resistance to fluids (EN 3475-411:2014)
- zamijenjena s: HRN EN 3475-411:2018

- HRN EN 3646-003:2008 en
Nizovi o zrakoplovstvu – Spojnice, električne, kružne, bajonetni spoj, stalne radne temperature 175 °C ili 200 °C – 003. dio: Utičnica, s kvadratnom prirubnicom za montažu – Norma za proizvod (EN 3646-003:2006)
Aerospace series – Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous – Part 003: Receptacle, square flange mounting – Product standard (EN 3646-003:2006)
- zamijenjena s: HRN EN 3646-003:2018

- HRN EN 3646-006:2008 en
Nizovi o zrakoplovstvu – Spojnice, električne, kružne, bajonetni spoj, stalne radne temperature 175 °C ili 200 °C – 006. dio: Utičnica, bez dotoka zraka, ugradnja s kontra maticom – Norma za proizvod (EN 3646-006:2006)
Aerospace series – Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous – Part 006: Receptacle, hermetic, jam-nut mounting – Product standard (EN 3646-006:2006)
- zamijenjena s: HRN EN 3646-006:2018

- HRN EN 3719:2011 en
Zrakoplovstvo – Vodiči za električne kabele od aluminija ili legura aluminija – Norma za proizvod (EN 3719:2010)
Aerospace series – Aluminium or aluminium alloy conductors for electrical cables – Product standard (EN 3719:2010)
- zamijenjena s: HRN EN 3719:2018

- HRN EN 4604-010:2017 en
Zrakoplovstvo – Kabel, električni, za prijenos signala – Dio 010: Kabel, koaksijalni, lagani, 50 Oma, 200 °C, tip KX (lagani WD) – Norma za proizvod (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 4604-010:2017)
- zamijenjena s: HRN EN 4604-010:2018
- HRN EN 4611-002:2012 en
Nizovi o zrakoplovstvu – Kabeli, električni, opće namjene, jednožilni i višežilni sklop – XLETFE porodica – 002. dio: Općenito (EN 4611-002:2012)
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 002: General (EN 4611-002:2012)
- zamijenjena s: HRN EN 4611-002:2018
- HRN EN 6049-001:2015 en
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitna navlaka od meta-aramidnih vlakana – Dio 001: Tehnička specifikacija (EN 6049-001:2015)
Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 001: Technical specification (EN 6049-001:2015)
- zamijenjena s: HRN EN 6049-001:2018
- HRN EN 6049-003:2011 en
Nizovi o zrakoplovstvu – Električni kabeli, ugradnja – Zaštitna navlaka od meta-aramidnih vlakana – 003. dio: Opletena, cijevasta, proširiva – Norma za proizvod (EN 6049-003:2009)
Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 003: Braided, tubular, expandable – Product standard (EN 6049-003:2009)
- zamijenjena s: HRN EN 6049-003:2018
- HRN EN 12312-8:2010 en
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 8. dio: Održavanje stepenica i platforma (EN 12312-8:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 8: Maintenance stairs and platforms (EN 12312-8:2005+A1:2009)
- zamijenjena s: HRN EN 12312-8:2018
- HRN EN 16603-31-02:2015 en
Svemirsko inženjerstvo – Oprema za dvofazni prijenos topline (EN 16603-31-02:2015)
Space engineering – Two-phase heat transport equipment (EN 16603-31-02:2015)
- zamijenjena s: HRN EN 16603-31-02:2018

1.6 Ispravci hrvatskih norma

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

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

- **umjesto**
HRN EN 1279-5:2018
Staklo u graditeljstvu – Izolacijsko staklo – 5. dio: **Vrednovanje sukladnosti**
Glass in building – Insulating glass units – Part 5: **Evaluation of conformity**
- **treba biti**
HRN EN 1279-5:2018
Staklo u graditeljstvu – Izolacijsko staklo – 5. dio: **Norma za proizvod**
Glass in building – Insulating glass units – Part 5: **Product standard**

HZN/TU V1, *Elektronika 1*

U HZN Glasilu 7/2018, rubrika 1.4 Povučene hrvatske norme, pogrešno je povučen ispravak hrvatske norme **HRN EN 61300-3-50:2014/Ispr.1:2015** te je on još uvijek na snazi.

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.13 Okoliš. Zaštita zdravlja. Sigurnost (Rječnici)

Međunarodna normizacija ISO

ISO 374-1 AMD 1:2018
Protective gloves against dangerous chemicals and micro-organisms – Part 1: Terminology and performance requirements for chemical risks; Amendment 1

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

Europska normizacija CEN

EN ISO 1891-4:2018
Fasteners – Vocabulary – Part 4: Control, inspection, delivery, acceptance and quality (ISO 1891-4:2018)

01.040.53 Oprema za rukovanje materijalima (Rječnici)

Međunarodna normizacija ISO

ISO 18758-1:2018
Mining and earth-moving machinery – Rock drill rigs and rock reinforcement rigs – Part 1: Vocabulary

01.040.59 Tekstilna i kožarska tehnologija (Rječnici)

Europska normizacija CEN

EN ISO 10318-1:2015/A1:2018
Geosynthetics – Part 1: Terms and definitions – Amendment 1 (ISO 10318-1:2015/Amd 1:2018)

Međunarodna normizacija ISO

ISO 10318-1 AMD 1:2018
Geosynthetics – Part 1: Terms and definitions; Amendment 1

01.040.73 Rudarstvo i rude (Rječnici)

Međunarodna normizacija ISO

ISO 18758-1:2018
Mining and earth-moving machinery – Rock drill rigs and rock reinforcement rigs – Part 1: Vocabulary

01.080.99 Ostali grafički simboli

Europska normizacija CEN

EN ISO 10318-2:2015/A1:2018
Geosynthetics – Part 2: Symbols and pictograms – Amendment 1 (ISO 10318-2:2015/Amd 1:2018)

Međunarodna normizacija ISO

ISO 10318-2 AMD 1:2018
Geosynthetics – Part 2: Symbols and pictograms; Amendment 1

01.110 Tehnička dokumentacija o proizvodu

Europska normizacija CEN

EN 9300-002:2018
Aerospace series – LOTAR – LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 002: Requirements

EN 9300-010:2018
Aerospace series – LOTAR – LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 010: Overview Data Flow

EN 9300-110:2018
Aerospace series – LOTAR – LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 110: CAD mechanical 3D Explicit geometry information

01.120 Normizacija. Opća pravila

Međunarodna normizacija IEC

IEC Guide 120:2018
Security aspects – Guidelines for their inclusion in publications

03.080.30 Usluge za potrošače

Međunarodna normizacija ISO

ISO 20488:2018
Online consumer reviews – Principles and requirements for their collection, moderation and publication

03.100.10 Nabava. Opskrba. Logistika

Europska normizacija CEN

CEN/TR 17016-101:2018
Electronic public procurement – Business interoperability interfaces (BII), e-Ordering – Part 101: Overview

CEN/TR 17017-101:2018
Electronic public procurement – Business interoperability interfaces (BII), e-Fulfilment – Part 101: Overview

03.100.30 Upravljanje ljudskim resursima

Međunarodna normizacija ISO

ISO 23853:2018
Cranes – Training of slingers and signallers

03.100.50 Proizvodnja. Upravljanje proizvodnjom

Međunarodna normizacija IEC

IEC/TR 62240-2:2018
Process management for avionics – Electronic components capability in operation – Part 2: Semiconductor microcircuit lifetime

03.100.70 Sustavi upravljanja

Europska normizacija CEN

EN 9133:2018
Aerospace series – Quality Management Systems – Qualification Procedure for Aerospace Standard Products

EN ISO 19011:2018
Guidelines for auditing management systems (ISO 19011:2018)

EN ISO 22000:2018
Food safety management systems – Requirements for any organization in the food chain (ISO 22000:2018)

Međunarodna normizacija ISO

ISO 10005:2018
Quality management – Guidelines for quality plans

ISO 22000:2018
Food safety management systems – Requirements for any organization in the food chain

03.120.01 Kvaliteta općenito

Međunarodna normizacija IEC

IEC 62853:2018
Open systems dependability

03.120.10 Upravljanje kvalitetom i osiguravanje kvalitete

Europska normizacija CEN

EN 9133:2018
Aerospace series – Quality Management Systems – Qualification Procedure for Aerospace Standard Products

Međunarodna normizacija ISO

ISO 19443:2018
Quality management systems – Specific requirements for the application of ISO 9001:2015 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS)

03.120.20 Certificiranje proizvoda i tvrtki. Ocjenjivanje sukladnosti

Europska normizacija CEN

CWA 17316:2018-07
Smart CE marking for construction products

EN ISO 19011:2018
Guidelines for auditing management systems (ISO 19011:2018)

Međunarodna normizacija IEC

IECQ 01-S:2017
IEC Quality Assessment System for Electronic Components (IECQ System) – IECQ Supplement to Harmonized Basic Rules IEC CA 01

IECEE 02:2018
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System) – Scheme of the IECEE for Mutual Recognition of Test Certificates for Electrotechnical Equipment and Components (CB Scheme)

IECEE 02-1:2018
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System) – Structure, Constitution & Organization

IECEE 02-2:2018
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System) – IECEE Membership

IECEE 03:2018
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System) – Rules of Procedure – CB Full Certification Scheme (CB FCS) – Scheme of the IECEE for Mutual Recognition of Conformity Assessment Certificates for Electrotechnical Equipment and Components (CB FCS Scheme)

03.220.01 Prijevoz općenito

Međunarodna normizacija ISO

ISO 13185-3:2018
Intelligent transport systems – Vehicle interface for provisioning and support of ITS Services – Part 3: Unified vehicle interface protocol (UVIP) server and client API specification

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

ISO 22418:2018
Intelligent transport systems – Fast service announcement protocol (FSAP)

ISO 29281-1:2018
Intelligent transport systems – Localized communications – Part 1: Fast networking & transport layer protocol (FNTP)

03.220.20 Cestovni prijevoz

Europska normizacija CEN

EN ISO 17419:2018
Intelligent transport systems – Cooperative systems – Globally unique identification (ISO 17419:2018)

EN ISO 17423:2018
Intelligent transport systems – Cooperative systems – Application requirements and objectives (ISO 17423:2018)

EN ISO 18750:2018
Intelligent transport systems – Co-operative ITS – Local dynamic map (ISO 18750:2018)

Međunarodna normizacija ISO

ISO 15638-21:2018
Intelligent transport systems – Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) – Part 21: Monitoring of regulated vehicles using roadside sensors and data collected from the vehicle for enforcement and other purposes

07.100.30 Mikrobiologija hrane

Međunarodna normizacija ISO

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

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Europska normizacija CEN

EN 13976-1:2018
Rescue systems – Transportation of incubators – Part 1: Interface requirements

EN 13976-2:2018
Rescue systems – Transportation of incubators – Part 2: System requirements

Međunarodna normizacija ISO

ISO 10079-1 AMD 1:2018
Medical suction equipment – Part 1: Electrically powered suction equipment – Amendment 1: Changes to requirements for operating at extremes of temperature

11.040.25 Šprice. Igle. Kateteri

Europska normizacija CEN

EN ISO 11070:2014/A1:2018
Sterile single-use intravascular introducers, dilators and guidewires – Amendment 1 (ISO 11070:2014/Amd 1:2018)

EN ISO 20696:2018
Sterile urethral catheters for single use (ISO 20696:2018)

EN ISO 20697:2018
Sterile drainage catheters and accessory devices for single use (ISO 20697:2018)

Međunarodna normizacija ISO

ISO 11070 AMD 1:2018
Sterile single-use intravascular introducers, dilators and guidewires; Amendment 1

ISO 20696:2018
Sterile urethral catheters for single use

ISO 20697:2018
Sterile drainage catheters and accessory devices for single use

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

ISO 5910:2018
Cardiovascular implants and extracorporeal systems – Cardiac valve repair devices

ISO 13019:2018
Tissue-engineered medical products – Quantification of sulfated glycosaminoglycans (sGAG) for evaluation of chondrogenesis

11.040.50 Radiografska oprema

Međunarodna normizacija IEC

IEC 60601-2-54 AMD 2:2018
Medical electrical equipment – Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy; Amendment 2

IEC 60601-2-54 Edition 1.2:2018
Medical electrical equipment – Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy

11.040.55 Dijagnostička oprema

Europska normizacija CENELEC

EN IEC 80601-2-71:2018
Medical electrical equipment – Part 2-71: Particular requirements for the basic safety and essential performance of functional near-infrared spectroscopy (NIRS) equipment (IEC 80601-2-71:2015)

11.060.01 Stomatologija općenito

Europska normizacija CEN

EN ISO 18618:2018
Dentistry – Interoperability of CAD/CAM systems (ISO 18618:2018)

Međunarodna normizacija ISO

ISO 18618:2018
Dentistry – Interoperability of CAD/CAM systems

11.060.10 Stomatološki materijali

Europska normizacija CEN

EN ISO 10477:2018
Dentistry – Polymer-based crown and veneering materials (ISO 10477:2018)

Međunarodna normizacija ISO

ISO 10477:2018
Dentistry – Polymer-based crown and veneering materials

11.060.20 Stomatološka oprema

Europska normizacija CEN

EN ISO 10637:2018
Dentistry – Central suction source equipment (ISO 10637:2018)

Međunarodna normizacija ISO

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

11.120.10 Lijekovi

Međunarodna normizacija ISO

ISO 20334:2018
Traditional Chinese medicine – Coding system of formulae

11.160 Prva pomoć

Europska normizacija CEN

EN 13976-1:2018
Rescue systems – Transportation of incubators – Part 1: Interface requirements

EN 13976-2:2018
Rescue systems – Transportation of incubators – Part 2: System requirements

11.180.10 Pomagala i prilagodbe za kretanje

Međunarodna normizacija ISO

ISO 7176-6:2018
Wheelchairs – Part 6: Determination of maximum speed of electrically powered wheelchairs

13.030.01 Otpad općenito

Europska normizacija CEN

- EN 16181:2018
Soil, treated biowaste and sludge – Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC) and high performance liquid chromatography (HPLC)

13.060.01 Kvaliteta vode općenito

Međunarodna normizacija ISO

- ISO 20426:2018
Guidelines for health risk assessment and management for non-potable water reuse
- ISO 20761:2018
Water reuse in urban areas – Guidelines for water reuse safety evaluation – Assessment parameters and methods

13.060.45 Ispitivanje vode općenito (uključujući uzorkovanje)

Europska normizacija CEN

- EN ISO 5667-3:2018
Water quality – Sampling – Part 3: Preservation and handling of water samples (ISO 5667-3:2018)

Međunarodna normizacija ISO

- ISO 20426:2018
Guidelines for health risk assessment and management for non-potable water reuse

13.060.50 Ispitivanje voda na kemijske tvari

Međunarodna normizacija ISO

- ISO 20596-1:2018
Water quality – Determination of cyclic volatile methylsiloxanes in water – Part 1: Method using purge and trap with gas chromatography-mass spectrometry (GC-MS)

13.080.10 Kemijske značajke tla

Europska normizacija CEN

- EN 16181:2018
Soil, treated biowaste and sludge – Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC) and high performance liquid chromatography (HPLC)

Međunarodna normizacija ISO

- ISO 20244:2018
Soil quality – Screening method for water content – Determination by refractometry

13.080.20 Fizikalna svojstva tla

Međunarodna normizacija ISO

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

13.080.30 Biološka svojstva tla

Međunarodna normizacija ISO

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

13.220.01 Zaštita od požara općenito

Međunarodna normizacija ISO

- ISO 19703:2018
Generation and analysis of toxic gases in fire – Calculation of species yields, equivalence ratios and combustion efficiency in experimental fires

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Međunarodna normizacija IEC

- IEC 60695-6-2:2018
Fire hazard testing – Part 6-2: Smoke obscuration – Summary and relevance of test methods

13.260 Zaštita od električnog udara. Rad pod naponom

Međunarodna normizacija IEC

- IEC 60900:2018
Live working – Hand tools for use up to 1000 V AC and 1500 V DC

13.280 Zaštita od zračenja

Međunarodna normizacija IEC

- IEC 60825-2 Interpretation Sheet 2:2018
Safety of laser products – Part 2: Safety of optical fibre communication systems (OFCS); Interpretation Sheet 2

13.300 Zaštita od opasnih tvari

Europska normizacija CEN

- EN 12285-1:2018
Workshop fabricated steel tanks – Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and nonflammable water polluting liquids other than for heating and cooling of buildings

- EN 12972:2018
Tanks for transport of dangerous goods – Testing, inspection and marking of metallic tanks

13.310 Zaštita od kriminala

Europska normizacija CENELEC

- EN IEC 62820-3-1:2018
Building intercom systems – Part 3-1: Application guidelines – General (IEC 62820-3-1:2017)

- EN IEC 62820-3-2:2018
Building intercom systems – Part 3-2: Application guidelines – Advanced security building intercom systems (ASBIS) (IEC 62820-3-2:2018)

**Međunarodna normizacija
IEC**

IEC 62676-5:2018
Video surveillance systems for use in security applications
– Part 5: Data specifications and image quality performance
for camera devices

**13.320 Alarmni sustavi i sustavi
uzbunjivanja**

**Europska normizacija
CENELEC**

EN 50271:2018
Electrical apparatus for the detection and measurement of
combustible gases, toxic gases or oxygen – Requirements and
tests for apparatus using software and/or digital technologies

13.340.10 Zaštitna odjeća

**Međunarodna normizacija
ISO**

ISO 18640-1:2018
Protective clothing for firefighters – Physiological impact
– Part 1: Measurement of coupled heat and moisture transfer
with the sweating torso

13.340.40 Zaštita ruku i šaka

**Međunarodna normizacija
ISO**

ISO 374-1 AMD 1:2018
Protective gloves against dangerous chemicals and
micro-organisms – Part 1: Terminology and performance
requirements for chemical risks; Amendment 1

**13.340.70 Prsluci za spašavanje, plutajuća
pomagala i plutajuće naprave**

**Međunarodna normizacija
ISO**

ISO 18079-1:2018
Ships and marine technology – Servicing of inflatable life-
saving appliances – Part 1: General

ISO 18079-3:2018
Ships and marine technology – Servicing of inflatable life-
saving appliances – Part 3: Inflatable lifejackets

17.040.10 Granične vrijednosti i prilagodbe

**Europska normizacija
CEN**

EN ISO 5458:2018
Geometrical product specifications (GPS) – Geometrical
tolerancing – Pattern and combined geometrical specification
(ISO 5458:2018)

**17.140.20 Buka koju proizvode strojevi i
oprema**

**Međunarodna normizacija
ISO**

ISO 11200 AMD 1:2018
Acoustics – Noise emitted by machinery and equipment
– Guidelines for the use of basic standards for the
determination of emission sound pressure levels at a work
station and at other specified positions; Amendment 1

**Međunarodna normizacija
IEC**

IEC 61400-11 AMD 1:2018
Wind turbines – Part 11: Acoustic noise measurement
techniques; Amendment 1

IEC 61400-11 Edition 3.1:2018
Wind turbines – Part 11: Acoustic noise measurement
techniques

17.160 Vibracije, udari i mjerenja vibracija

**Međunarodna normizacija
ISO**

ISO 20816-4:2018
Mechanical vibration – Measurement and evaluation of
machine vibration – Part 4: Gas turbines in excess of 3 MW,
with fluid-film bearings

**17.220.20 Mjerenje električnih i magnetskih
veličina**

**Međunarodna normizacija
IEC**

IEC 62586-2 Corrigendum 1:2018
Power quality measurement in power supply systems
– Part 2: Functional tests and uncertainty requirements;
Corrigendum 1

17.240 Mjerenja zračenja

**Međunarodna normizacija
IEC**

IEC/TR 63167:2018
Assessment of contact current related to human exposure to
electric, magnetic and electromagnetic fields

19.040 Ispitivanje utjecaja okoliša

**Europska normizacija
CENELEC**

EN 60068-2-10:2005/A1:2018
Environmental testing – Part 2-10: Tests – Test J and guidance:
Mould growth (IEC 60068-2-10:2005/A1:2018)

EN 60068-2-74:1999/A1:2018
Environmental testing – Part 2-74: Tests – Test Xc: Fluid
contamination (IEC 60068-2-74:1999/A1:2018)

**Međunarodna normizacija
IEC**

IEC 60721-2-4:2018
Classification of environmental conditions – Part 2-4:
Environmental conditions appearing in nature – Solar
radiation and temperature

19.100 Nerazorna ispitivanja

**Međunarodna normizacija
ISO**

ISO 19835:2018
Non-destructive testing – Acoustic emission testing – Steel
structures of overhead travelling cranes and portal bridge
cranes

21.060.01 Spojni elementi općenito

**Europska normizacija
CEN**

EN ISO 1891-4:2018
Fasteners – Vocabulary – Part 4: Control, inspection, delivery,
acceptance and quality (ISO 1891-4:2018)

21.060.20 Matice

Europska normizacija
CEN

- EN ISO 898-3:2018
Mechanical properties of fasteners made of carbon steel and alloy steel – Part 3: Flat washers with specified property classes (ISO 898-3:2018)

Međunarodna normizacija
ISO

- ISO 898-3:2018
Mechanical properties of fasteners made of carbon steel and alloy steel – Part 3: Flat washers with specified property classes

23.020.10 Nepomični kontejneri i spremnici

Europska normizacija
CEN

- EN 12285-1:2018
Workshop fabricated steel tanks – Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and nonflammable water polluting liquids other than for heating and cooling of buildings

23.020.20 Posude i kontejneri ugrađeni na vozila

Europska normizacija
CEN

- EN 12972:2018
Tanks for transport of dangerous goods – Testing, inspection and marking of metallic tanks

23.040.01 Cjevovodne sastavni dijelovi i cjevovodi općenito

Europska normizacija
CEN

- EN 1451-1:2017/AC:2018
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Polypropylene (PP) – Part 1: Specifications for pipes, fittings and the system

23.040.20 Plastične cijevi

Europska normizacija
CEN

- EN ISO 13259:2018
Thermoplastics piping systems for underground non-pressure applications – Test method for leaktightness of elastomeric sealing ring type joints (ISO 13259:2018)

23.100.40 Cjevovodi i spojnice

Međunarodna normizacija
ISO

- ISO 3949:2018
Plastics hoses and hose assemblies – Textile-reinforced types for hydraulic applications – Specification
- ISO 6164:2018
Hydraulic fluid power – Four-screw, one-piece square flange connections for use at pressures of 42 MPa, DN 25 to 80

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Europska normizacija
CENELEC

- EN IEC 61010-2-201:2018
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-201: Particular requirements for control equipment (IEC 61010-2-201:2017)

- EN 62439-2:2017/AC:2018
Industrial communication networks – High availability automation networks – Part 2: Media Redundancy Protocol (MRP) (IEC 62439-2:2016)

Međunarodna normizacija
ISO

- ISO 18828-4:2018
Industrial automation systems and integration – Standardized procedures for production systems engineering – Part 4: Key performance indicators (KPIs) in production planning processes

IEC

- IEC 61987-92:2018
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 92: Lists of properties (LOP) of measuring equipment for electronic data exchange – Aspect LOPs

25.080.01 Alatni strojevi općenito

Međunarodna normizacija
ISO

- ISO 14955-2:2018
Machine tools – Environmental evaluation of machine tools – Part 2: Methods for measuring energy supplied to machine tools and machine tool components

25.160.10 Procesi zavarivanja

Međunarodna normizacija
ISO

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

25.160.30 Oprema za zavarivanje

Europska normizacija
CENELEC

- EN IEC 60974-9:2018
Arc welding equipment – Part 9: Installation and use (IEC 60974-9:2018)

25.220.20 Površinska obrada

Europska normizacija
CEN

- EN 17059:2018
Plating and anodizing lines – Safety requirements
- EN ISO 14918:2018
Thermal spraying – Qualification testing of thermal sprayers (ISO 14918:2018)

27.020 Motori s unutrašnjim izgaranjem

Međunarodna normizacija ISO

ISO 8528-2:2018
Reciprocating internal combustion engine driven alternating current generating sets – Part 2: Engines

27.040 Plinske i parne turbine. Parni strojevi

Međunarodna normizacija ISO

ISO 20816-4:2018
Mechanical vibration – Measurement and evaluation of machine vibration – Part 4: Gas turbines in excess of 3 MW, with fluid-film bearings

27.120.01 Nuklearna energija općenito

Međunarodna normizacija ISO

ISO 19443:2018
Quality management systems – Specific requirements for the application of ISO 9001:2015 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS)

27.160 Solarna energetika

Europska normizacija CENELEC

EN IEC 61730-1:2018/AC:2018
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (IEC 61730-1:2016)

EN IEC 61730-2:2018/AC:2018
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing (IEC 61730-2:2016)

27.180 Sustavi vjetroagregata

Međunarodna normizacija IEC

IEC 61400-11 AMD 1:2018
Wind turbines – Part 11: Acoustic noise measurement techniques; Amendment 1

IEC 61400-11 Edition 3.1:2018
Wind turbines – Part 11: Acoustic noise measurement techniques

29.020 Elektrotehnika općenito

Međunarodna normizacija IEC

IECEE 02:2018
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System) – Scheme of the IECEE for Mutual Recognition of Test Certificates for Electrotechnical Equipment and Components (CB Scheme)

IECEE 02-1:2018
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System) – Structure, Constitution & Organization

IECEE 02-2:2018
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System) – IECEE Membership

IECEE 03:2018
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System) – Rules of Procedure – CB Full Certification Scheme (CB FCS) – Scheme of the IECEE for Mutual Recognition of Conformity Assessment Certificates for Electrotechnical Equipment and Components (CB FCS Scheme)

IEC 60695-6-2:2018
Fire hazard testing – Part 6-2: Smoke obscuration – Summary and relevance of test methods

29.035.01 Izolacijski materijali općenito

Međunarodna normizacija IEC

IEC 60811-501 AMD 1:2018
Electric and optical fibre cables – Test methods for non-metallic materials – Part 501: Mechanical tests – Tests for determining the mechanical properties of insulating and sheathing compounds; Amendment 1

IEC 60811-501 Edition 1.1:2018
Electric and optical fibre cables – Test methods for non-metallic materials – Part 501: Mechanical tests – Tests for determining the mechanical properties of insulating and sheathing compounds

29.035.20 Plastični i gumeni izolacijski materijali

Međunarodna normizacija IEC

IEC 60189-1:2018
Low-frequency cables and wires with PVC insulation and PVC sheath – Part 1: General test and measuring methods

29.050 Supravodljivost i vodljivi materijali

Međunarodna normizacija IEC

IEC 61788-23:2018
Superconductivity – Part 23: Residual resistance ratio measurement – Residual resistance ratio of Nb superconductors

IEC 61788-24:2018
Superconductivity – Part 24: Critical current measurement – Retained critical current after double bending at room temperature of Ag-sheathed Bi-2223 superconducting wires

29.100.10 Magnetski sastavni dijelovi

Međunarodna normizacija IEC

IEC 63093-5:2018
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 5: EP-cores and associated parts for use in inductors and transformers

IEC 63093-6:2018
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 6: ETD-cores for use in power supplies

IEC 63093-8:2018
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 8: E-cores

IEC 63093-11:2018
Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 11: EC-cores for use in power supply applications

29.120.30 Utikači, utičnice, sprežnici

Međunarodna normizacija IEC

IEC 60320-2-3:2018

Appliance couplers for household and similar general purposes – Part 2-3: Appliance couplers with a degree of protection higher than IPX0

IEC 60320-2-4:2018

Appliance couplers for household and similar general purposes – Part 2-4: Couplers dependent on appliance weight for engagement

29.120.40 Sklopke

Međunarodna normizacija IEC

IEC 61058-2-1:2018

Switches for appliances – Part 2-1: Particular requirements for cord switches

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Međunarodna normizacija IEC

IEC 60127-8:2018

Miniature fuses – Part 8: Fuse resistors with particular overcurrent protection

29.120.70 Sklopnici (releji)

Međunarodna normizacija IEC

IEC/TR 62246-3:2018

Reed switches – Part 3: Reliability data for reed switch-devices in typical safety applications

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Europska normizacija CENELEC

EN IEC 62386-216:2018

Digital addressable lighting interface – Part 216: Particular requirements for control gear – Load referencing (device type 15) (IEC 62386-216:2018)

EN IEC 62386-222:2018

Digital addressable lighting interface – Part 222: Particular requirements for control gear – Thermal lamp protection (device type 21) (IEC 62386-222:2018)

EN IEC 62386-333:2018

Digital addressable lighting interface – Part 333: Particular requirements for control devices – Manual configuration (feature type 33) (IEC 62386-333:2018)

29.140.50 Rasvjetni instalacijski sustavi

Međunarodna normizacija IEC

IEC 62386-221:2018

Digital addressable lighting interface – Part 221: Particular requirements for control gear – Demand response (device type 20)

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

EN IEC 62386-207:2018

Digital addressable lighting interface – Part 207: Particular requirements for control gear – LED modules (device type 6) (IEC 62386-207:2018)

Međunarodna normizacija IEC

IECQ 03-8:2018

IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 8: IECQ Scheme for LED Lighting

29.160.40 Električni agregati

Međunarodna normizacija ISO

ISO 8528-2:2018

Reciprocating internal combustion engine driven alternating current generating sets – Part 2: Engines

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Europska normizacija CENELEC

EN 62751-1:2014/A1:2018

Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems – Part 1: General requirements (IEC 62751-1:2014/A1:2018)

Međunarodna normizacija IEC

IEC 62040-2 Interpretation Sheet 1:2018

Uninterruptible power systems (UPS) – Part 2: Electromagnetic compatibility (EMC) requirements; Interpretation Sheet 1

IEC 62477-2:2018

Safety requirements for power electronic converter systems and equipment – Part 2: Power electronic converters from 1000 V AC or 1500 V DC up to 36 kV AC or 54 kV DC

29.220.01 Galvanski članci i baterije općenito

Europska normizacija CENELEC

EN IEC 62680-1-2:2018

Universal Serial Bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery Specification (IEC 62680-1-2:2018)

EN IEC 62680-1-4:2018

Universal Serial Bus interfaces for data and power – Part 1-4: Common Components – USB Type-C(tm) Authentication Specification (IEC 62680-1-4:2018)

29.260.20 Električni uređaji za eksplozivnu atmosferu

Međunarodna normizacija IEC

IEC 60079-1 Corrigendum 1:2018

Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures „d“; Corrigendum 1

31.020 Elektronički sastavni dijelovi općenito

Europska normizacija CENELEC

- EN IEC 60286-5:2018
Packaging of components for automatic handling – Part 5: Matrix trays (IEC 60286-5:2018)

Međunarodna normizacija IEC

- IECQ 02:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – General requirements for the acceptance of IECQ Certification Bodies into the IECQ System
- IECQ 03-1:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 1: General Requirements for all IECQ Schemes
- IECQ 03-2:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 2: IECQ Approved Process Scheme
- IECQ 03-3:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 3: IECQ Approved Component Products, Related Materials & Assemblies Scheme
- IECQ 03-3-1:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 3-1: IECQ Approved Component Products, Related Materials & Assemblies Scheme, IECQ Approved Component – Technology Certification (IECQ AC-TC)
- IECQ 03-3-2:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 3-2: IECQ Approved Component Products, Related Materials & Assemblies Scheme, IECQ Approved Component – Automotive Qualification Programme (IECQ AC-AQP)
- IECQ 03-5:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 5: IECQ HSPM Scheme – Hazardous Substance Process Management Requirements
- IECQ 03-6:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 6: IECQ ITL Scheme – Independent Testing Laboratory Assessment Program Requirements
- IECQ 03-7:2018
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 7: IECQ Counterfeit Avoidance Programme (IECQ AP-CAP) – Programme requirements

31.060.99 Ostali kondenzatori

Europska normizacija CENELEC

- EN IEC 62576:2018
Electric double-layer capacitors for use in hybrid electric vehicles – Test methods for electrical characteristics (IEC 62576:2018)

31.080.01 Poluvodičke naprave općenito

Europska normizacija CENELEC

- EN IEC 62969-3:2018
Semiconductor devices – Semiconductor interface for automotive vehicles – Part 3: Shock driven piezoelectric energy harvesting for automotive vehicle sensors (IEC 62969-3:2018)

Međunarodna normizacija IEC

- IEC 62969-4:2018
Semiconductor devices – Semiconductor interface for automotive vehicles – Part 4: Evaluation method of data interface for automotive vehicle sensors

31.080.99 Ostale poluvodičke naprave

Međunarodna normizacija IEC

- IEC 62477-2:2018
Safety requirements for power electronic converter systems and equipment – Part 2: Power electronic converters from 1000 V AC or 1500 V DC up to 36 kV AC or 54 kV DC

31.140 Piezoelektrične naprave

Međunarodna normizacija IEC

- IEC 62776 Interpretation Sheet 1:2018
Double-capped LED lamps designed to retrofit linear fluorescent lamps – Safety specifications; Interpretation sheet 1

31.180 Tiskani krugovi i pločice

Međunarodna normizacija IEC

- IEC 61189-2-630:2018
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-630: Test methods for materials for interconnection structures – Moisture absorption after pressure vessel conditioning
- IEC 62899-403-1:2018
Printed electronics – Part 403-1: Printability – Requirements for reproducibility – Basic patterns for evaluation of printing machine

31.200 Integrirani krugovi. Mikroelektronika

Europska normizacija CENELEC

- EN IEC 62228-1:2018
Integrated circuits – EMC evaluation of transceivers – Part 1: General conditions and definitions (IEC 62228-1:2018)

Međunarodna normizacija IEC

- IEC 62435-4:2018
Electronic components – Long-term storage of electronic semiconductor devices – Part 4: Storage

31.260 Optoelektronika. Laserska oprema

Međunarodna normizacija IEC

- IEC 60825-2 Interpretation Sheet 2:2018
Safety of laser products – Part 2: Safety of optical fibre communication systems (OFCS); Interpretation Sheet 2

33.040.20 Prijenosni sustavi

Europska normizacija CENELEC

EN IEC 61970-302:2018
Energy management system application program interface (EMS-API) – Part 302: Common information model (CIM) dynamics (IEC 61970-302:2018)

33.040.40 Mreže za prijenos podataka

Međunarodna normizacija IEC

IEC 61850-6 AMD 1:2018
Communication networks and systems for power utility automation – Part 6: Configuration description language for communication in power utility automation systems related to IEDs; Amendment 1

IEC 61850-6 Edition 2.1:2018
Communication networks and systems for power utility automation – Part 6: Configuration description language for communication in power utility automation systems related to IEDs

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija CEN

EN ISO 13766-1:2018
Earth-moving and building construction machinery – Electromagnetic compatibility (EMC) of machines with internal electrical power supply – Part 1: General EMC requirements under typical electromagnetic environmental conditions (ISO 13766-1:2018)

EN ISO 13766-2:2018
Earth-moving and building construction machinery – Electromagnetic compatibility (EMC) of machines with internal electrical power supply – Part 2: Additional EMC requirements for functional safety (ISO 13766-2:2018)

Međunarodna normizacija IEC

IEC 62040-2 Interpretation Sheet 1:2018
Uninterruptible power systems (UPS) – Part 2: Electromagnetic compatibility (EMC) requirements; Interpretation Sheet 1

33.120.01 Sastavni dijelovi i pribor općenito

Europska normizacija CENELEC

EN IEC 62680-1-2:2018
Universal Serial Bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery Specification (IEC 62680-1-2:2018)

EN IEC 62680-1-4:2018
Universal Serial Bus interfaces for data and power – Part 1-4: Common Components – USB Type-C(tm) Authentication Specification (IEC 62680-1-4:2018)

33.120.10 Koaksijalni kabeli. Valovodi

Međunarodna normizacija IEC

IEC 62153-4-8:2018
Metallic cables and other passive components – Test methods – Part 4-8: Electromagnetic compatibility (EMC) – Capacitive coupling admittance

33.120.20 Žice i simetrični kabeli

Međunarodna normizacija IEC

IEC 60189-1:2018
Low-frequency cables and wires with PVC insulation and PVC sheath – Part 1: General test and measuring methods

33.160.10 Pojačala

Europska normizacija CENELEC

EN IEC 60268-3:2018
Sound system equipment – Part 3: Amplifiers (IEC 60268-3:2018)

33.180.01 Svjetlovodni sustavi općenito

Europska normizacija CENELEC

CLC/TR 50682:2018
Consideration on the use of OTDRs to measure return loss of single-mode optical fibre connections

Međunarodna normizacija IEC

IEC 60825-2 Interpretation Sheet 2:2018
Safety of laser products – Part 2: Safety of optical fibre communication systems (OFCS); Interpretation Sheet 2

33.180.10 Svjetlovodna vlakna i kabeli

Međunarodna normizacija IEC

IEC 60794-4:2018
Optical fibre cables – Part 4: Sectional specification – Aerial optical cables along electrical power lines

33.180.20 Svjetlovodni vezne naprave

Međunarodna normizacija IEC

IEC 61755-6-2:2018
Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 6-2: Connection of 50 µm core diameter multimode physically contacting fibres – Non-angled for reference connector application, at wavelength of 850 nm using selected A1a fibre only

33.180.30 Optička pojačala

Europska normizacija CENELEC

EN IEC 62343-3-4:2018
Dynamic modules – Part 3-4: Performance specification templates – Multicast optical switches (IEC 62343-3-4:2018)

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija CENELEC

EN IEC 61970-302:2018
Energy management system application program interface (EMS-API) – Part 302: Common information model (CIM) dynamics (IEC 61970-302:2018)

35.030 Informatička sigurnost

Europska normizacija CENELEC

EN 419241-1:2018
Trustworthy Systems Supporting Server Signing – Part 1:
General System Security Requirements

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija ISO

ISO/IEC 21000-19 AMD 1:2018
Information technology – Multimedia framework (MPEG-21)
– Part 19: Media Value Chain Ontology – Amendment 1:
Extensions on time-segments and multi-track audio

35.100.01 Međupovezivanje otvorenih sustava općenito

Međunarodna normizacija IEC

IEC 62853:2018
Open systems dependability

35.110 Umrežavanje

Europska normizacija CENELEC

EN 50173-1:2018
Information technology – Generic cabling systems – Part 1:
General requirements

EN 50173-2:2018
Information technology – Generic cabling systems – Part 2:
Office spaces

EN 50173-3:2018
Information technology – Generic cabling systems – Part 3:
Industrial spaces

EN 50173-4:2018
Information technology – Generic cabling systems – Part 4:
Homes

EN 50173-5:2018
Information technology – Generic cabling systems – Part 5:
Data centre spaces

EN 50173-6:2018
Information technology – Generic cabling systems – Part 6:
Distributed building services

EN 62439-2:2017/AC:2018
Industrial communication networks – High availability
automation networks – Part 2: Media Redundancy Protocol
(MRP) (IEC 62439-2:2016)

35.200 Sučelna i spojna oprema

Europska normizacija CENELEC

EN IEC 62680-1-2:2018
Universal Serial Bus interfaces for data and power
– Part 1-2: Common components – USB Power Delivery
Specification (IEC 62680-1-2:2018)

EN IEC 62680-1-4:2018
Universal Serial Bus interfaces for data and power
– Part 1-4: Common Components – USB Type-C(tm)
Authentication Specification (IEC 62680-1-4:2018)

35.240.10 Računalno oblikovanje (CAD)

Europska normizacija CEN

EN 9300-010:2018
Aerospace series – LOTAR – LOnG Term Archiving and
Retrieval of digital technical product documentation such as
3D, CAD and PDM data – Part 010: Overview Data Flow

35.240.15 Identifikacijske kartice i pripadajuće naprave

Međunarodna normizacija ISO

ISO/IEC 14443-3:2018
Cards and security devices for personal identification
– Contactless proximity objects – Part 3: Initialization and
anticollision

ISO/IEC 14443-4:2018
Cards and security devices for personal identification
– Contactless proximity objects – Part 4: Transmission
protocol

ISO/IEC 18328-4:2018
Identification cards – ICC-managed devices – Part 4: Test
methods for logical characteristics

35.240.20 Primjene informacijske tehnologije u uredskom poslovanju

Europska normizacija CEN

CEN/TR 17016-101:2018
Electronic public procurement – Business interoperability
interfaces (BII), e-Ordering – Part 101: Overview

CEN/TR 17017-101:2018
Electronic public procurement – Business interoperability
interfaces (BII), e-Fulfilment – Part 101: Overview

35.240.30 Primjene informacijske tehnologije u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CEN

EN 9300-002:2018
Aerospace series – LOTAR – LOnG Term Archiving and
Retrieval of digital technical product documentation such as
3D, CAD and PDM data – Part 002: Requirements

EN 9300-010:2018
Aerospace series – LOTAR – LOnG Term Archiving and
Retrieval of digital technical product documentation such as
3D, CAD and PDM data – Part 010: Overview Data Flow

EN 9300-110:2018
Aerospace series – LOTAR – LOnG Term Archiving and
Retrieval of digital technical product documentation such
as 3D, CAD and PDM data – Part 110: CAD mechanical 3D
Explicit geometry information

35.240.50 Primjene informacijske tehnologije u industriji

Europska normizacija CENELEC

EN 62439-2:2017/AC:2018
Industrial communication networks – High availability
automation networks – Part 2: Media Redundancy Protocol
(MRP) (IEC 62439-2:2016)

Međunarodna normizacija IEC

IEC 61987-92:2018
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 92: Lists of properties (LOP) of measuring equipment for electronic data exchange – Aspect LOPs

35.240.60 Primjene informacijske tehnologije u prijevozu i trgovini

Europska normizacija CEN

EN 9300-002:2018
Aerospace series – LOTAR – LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 002: Requirements

EN ISO 17419:2018
Intelligent transport systems – Cooperative systems – Globally unique identification (ISO 17419:2018)

EN ISO 17423:2018
Intelligent transport systems – Cooperative systems – Application requirements and objectives (ISO 17423:2018)

EN ISO 18750:2018
Intelligent transport systems – Co-operative ITS – Local dynamic map (ISO 18750:2018)

Međunarodna normizacija ISO

ISO 13185-3:2018
Intelligent transport systems – Vehicle interface for provisioning and support of ITS Services – Part 3: Unified vehicle interface protocol (UVIP) server and client API specification

ISO 15638-21:2018
Intelligent transport systems – Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) – Part 21: Monitoring of regulated vehicles using roadside sensors and data collected from the vehicle for enforcement and other purposes

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

ISO 22418:2018
Intelligent transport systems – Fast service announcement protocol (FSAP)

ISO 29281-1:2018
Intelligent transport systems – Localized communications – Part 1: Fast networking & transport layer protocol (FNTP)

35.240.63 Primjene informacijske tehnologije u trgovini

Europska normizacija CEN

CEN/TR 17016-101:2018
Electronic public procurement – Business interoperability interfaces (BII), e-Ordering – Part 101: Overview

CEN/TR 17017-101:2018
Electronic public procurement – Business interoperability interfaces (BII), e-Fulfilment – Part 101: Overview

35.240.67 Primjene informacijske tehnologije u građevinarstvu

Europska normizacija CEN

CWA 17316:2018
Smart CE marking for construction products

35.240.70 Primjene informacijske tehnologije u znanosti

Europska normizacija CEN

EN ISO 19146:2018
Geographic information – Cross-domain vocabularies (ISO 19146:2018)

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija CENELEC

EN IEC 62386-207:2018
Digital addressable lighting interface – Part 207: Particular requirements for control gear – LED modules (device type 6) (IEC 62386-207:2018)

EN IEC 62386-216:2018
Digital addressable lighting interface – Part 216: Particular requirements for control gear – Load referencing (device type 15) (IEC 62386-216:2018)

EN IEC 62386-222:2018
Digital addressable lighting interface – Part 222: Particular requirements for control gear – Thermal lamp protection (device type 21) (IEC 62386-222:2018)

EN IEC 62386-333:2018
Digital addressable lighting interface – Part 333: Particular requirements for control devices – Manual configuration (feature type 33) (IEC 62386-333:2018)

Međunarodna normizacija ISO

ISO 11783-6:2018
Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 6: Virtual terminal

ISO 11783-7 AMD 1:2018
Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 7: Implement messages application layer; Amendment 1

ISO 20112-1:2018
Tractors and machinery for agriculture and forestry – Camera interface between tractor and implement – Part 1: Analogue camera interface

IEC

IEC 62386-221:2018
Digital addressable lighting interface – Part 221: Particular requirements for control gear – Demand response (device type 20)

37.080 Primjene u preslikavanju dokumenata

Međunarodna normizacija ISO

ISO 14641:2018
Electronic document management – Design and operation of an information system for the preservation of electronic documents – Specifications

43.020 Cestovna vozila općenito

Međunarodna normizacija ISO

ISO 17840-4:2018
Road vehicles – Information for first and second responders – Part 4: Propulsion energy identification

43.040.10 Električna i elektronička oprema

Europska normizacija CENELEC

EN IEC 62969-3:2018
Semiconductor devices – Semiconductor interface for automotive vehicles – Part 3: Shock driven piezoelectric energy harvesting for automotive vehicle sensors (IEC 62969-3:2018)

Međunarodna normizacija IEC

IEC 62969-4:2018
Semiconductor devices – Semiconductor interface for automotive vehicles – Part 4: Evaluation method of data interface for automotive vehicle sensors

43.060.40 Sustavi goriva

Međunarodna normizacija ISO

ISO 19880-3:2018
Gaseous hydrogen – Fuelling stations – Part 3: Valves

43.120 Električna cestovna vozila

Europska normizacija CENELEC

EN IEC 62576:2018
Electric double-layer capacitors for use in hybrid electric vehicles – Test methods for electrical characteristics (IEC 62576:2018)

47.020.99 Ostale norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija ISO

ISO 18079-1:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 1: General

ISO 18079-2:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 2: Inflatable life rafts

ISO 18079-3:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 3: Inflatable lifejackets

ISO 18079-4:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 4: Marine evacuation systems

ISO 18079-5:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 5: Inflated rescue boats

47.080 Mala plovila

Europska normizacija CEN

EN ISO 16147:2018
Small craft – Inboard diesel engines – Engine-mounted fuel, oil and electrical components (ISO 16147:2018)

Međunarodna normizacija ISO

ISO 18079-1:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 1: General

ISO 18079-2:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 2: Inflatable life rafts

ISO 18079-4:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 4: Marine evacuation systems

ISO 18079-5:2018
Ships and marine technology – Servicing of inflatable life-saving appliances – Part 5: Inflated rescue boats

49.020 Zrakoplovi i svemirska vozila općenito

Europska normizacija CEN

EN 9133:2018
Aerospace series – Quality Management Systems – Qualification Procedure for Aerospace Standard Products

EN 9162:2018
Aerospace series – Aerospace Operator Self-Verification Programs

EN 9300-002:2018
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 002: Requirements

EN 9300-010:2018
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 010: Overview Data Flow

EN 9300-110:2018
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 110: CAD mechanical 3D Explicit geometry information

49.090 Oprema i instrumenti u zrakoplovu

Međunarodna normizacija IEC

IEC/TR 62240-2:2018
Process management for avionics – Electronic components capability in operation – Part 2: Semiconductor microcircuit lifetime

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

ISO 20780:2018
Space systems – Fiber optic components – Design and verification requirements

53.020.20 Dizalice

Međunarodna normizacija ISO

ISO 8686-2:2018
Cranes – Design principles for loads and load combinations – Part 2: Mobile cranes

ISO 19835:2018
Non-destructive testing – Acoustic emission testing – Steel structures of overhead travelling cranes and portal bridge cranes

ISO 23853:2018
Cranes – Training of slingers and signallers

53.020.99 Ostala oprema za dizanje

Europska normizacija CEN

- EN 16952:2018
Agricultural machinery – Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety

53.100 Strojevi za zemljane radove

Europska normizacija CEN

- EN ISO 13766-1:2018
Earth-moving and building construction machinery – Electromagnetic compatibility (EMC) of machines with internal electrical power supply – Part 1: General EMC requirements under typical electromagnetic environmental conditions (ISO 13766-1:2018)

- EN ISO 13766-2:2018
Earth-moving and building construction machinery – Electromagnetic compatibility (EMC) of machines with internal electrical power supply – Part 2: Additional EMC requirements for functional safety (ISO 13766-2:2018)

Međunarodna normizacija ISO

- ISO 18758-1:2018
Mining and earth-moving machinery – Rock drill rigs and rock reinforcement rigs – Part 1: Vocabulary

- ISO 18758-2:2018
Mining and earth-moving machinery – Rock drill rigs and rock reinforcement rigs – Part 2: Safety requirements

55.160 Škrinje. Kutije. Sanduci

Europska normizacija CENELEC

- EN IEC 60286-5:2018
Packaging of components for automatic handling – Part 5: Matrix trays (IEC 60286-5:2018)

59.080.70 Geotekstili

Europska normizacija CEN

- EN ISO 10318-1:2015/A1:2018
Geosynthetics – Part 1: Terms and definitions – Amendment 1 (ISO 10318-1:2015/Amd 1:2018)

- EN ISO 10318-2:2015/A1:2018
Geosynthetics – Part 2: Symbols and pictograms – Amendment 1 (ISO 10318-2:2015/Amd 1:2018)

Međunarodna normizacija ISO

- ISO 10318-1 AMD 1:2018
Geosynthetics – Part 1: Terms and definitions; Amendment 1

- ISO 10318-2 AMD 1:2018
Geosynthetics – Part 2: Symbols and pictograms; Amendment 1

59.140.30 Koža i krzno

Europska normizacija CEN

- EN ISO 4045:2018
Leather – Chemical tests – Determination of pH and difference figure (ISO 4045:2018)

Međunarodna normizacija ISO

- ISO 4048:2018
Leather – Chemical tests – Determination of matter soluble in dichloromethane and free fatty acid content

- ISO 5398-1:2018
Leather – Chemical determination of chromic oxide content – Part 1: Quantification by titration

- ISO 5398-3:2018
Leather – Chemical determination of chromic oxide content – Part 3: Quantification by atomic absorption spectrometry

- ISO 10195:2018
Leather – Chemical determination of chromium(VI) content in leather – Thermal pre-ageing of leather and determination of hexavalent chromium

61.060 Obuća

Međunarodna normizacija ISO

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

65.040.10 Nastambe, instalacije i oprema za stoku

Međunarodna normizacija IEC

- IEC 60335-2-76:2018
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers

65.060.01 Poljoprivredni strojevi i oprema općenito

Međunarodna normizacija ISO

- ISO 11783-6:2018
Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 6: Virtual terminal

- ISO 11783-7 AMD 1:2018
Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 7: Implement messages application layer; Amendment 1

65.060.10 Poljoprivredni traktori i priključna vozila

Međunarodna normizacija ISO

- ISO 20112-1:2018
Tractors and machinery for agriculture and forestry – Camera interface between tractor and implement – Part 1: Analogue camera interface

65.060.20 Oprema za obradu zemlje

Europska normizacija CEN

- EN ISO 4254-5:2018
Agricultural machinery – Safety – Part 5: Power-driven soil-working machines (ISO 4254-5:2018)

65.060.70 Oprema za vrtlarstvo

Europska normizacija CEN

EN 13684:2018
Garden equipment – Pedestrian controlled lawn aerators and scarifiers – Safety

Međunarodna normizacija IEC

IEC 62841-4-2:2017/Corrigendum 1:2018
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers; Corrigendum 1

65.060.99 Ostali poljoprivredni strojevi i oprema

Europska normizacija CEN

EN 16952:2018
Agricultural machinery – Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety

65.160 Duhan, duhanski proizvodi i odgovarajuća oprema

Međunarodna normizacija ISO

ISO 15152:2003/Amd 2:2018
Tobacco – Determination of the content of total alkaloids as nicotine – Continuous-flow analysis method; Amendment 2

67.020 Procesi u prehrambenoj industriji

Europska normizacija CEN

EN ISO 22000:2018
Food safety management systems – Requirements for any organization in the food chain (ISO 22000:2018)

Međunarodna normizacija ISO

ISO 22000:2018
Food safety management systems – Requirements for any organization in the food chain

71.100.20 Plinovi za industrijsku primjenu

Međunarodna normizacija ISO

ISO 19880-3:2018
Gaseous hydrogen – Fuelling stations – Part 3: Valves

73.060.99 Ostale rude crnih metala

Međunarodna normizacija ISO

ISO 12743:2018
Copper, lead, zinc and nickel concentrates – Sampling procedures for determination of metal and moisture content

73.100.30 Oprema za bušenje i iskopavanje rudnika

Međunarodna normizacija ISO

ISO 18758-1:2018
Mining and earth-moving machinery – Rock drill rigs and rock reinforcement rigs – Part 1: Vocabulary

ISO 18758-2:2018
Mining and earth-moving machinery – Rock drill rigs and rock reinforcement rigs – Part 2: Safety requirements

75.080 Naftni proizvodi općenito

Međunarodna normizacija ISO

ISO/TR 19686-2:2018
Petroleum products – Equivalency of test method determining the same property – Part 2: Density of petroleum products

75.160.20 Tekuća goriva

Međunarodna normizacija ISO

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

75.180.10 Oprema za iskorištavanje i vađenje

Međunarodna normizacija ISO

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

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Europska normizacija CEN

EN ISO 16380:2018
Road vehicles – Blended fuels refuelling connector (ISO 16380:2014, including Amd 1:2016)

77.140.10 Toplinski obradivi čelici

Europska normizacija CEN

EN ISO 683-1:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 1: Non-alloy steels for quenching and tempering (ISO 683-1:2016)

EN ISO 683-2:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 2: Alloy steels for quenching and tempering (ISO 683-2:2016)

EN ISO 683-3:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 3: Case-hardening steels (ISO 683-3:2016)

EN ISO 683-4:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 4: Free-cutting steels (ISO 683-4:2016)

77.140.20 Nehrđajući čelici

Europska normizacija CEN

- EN ISO 683-1:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 1: Non-alloy steels for quenching and tempering (ISO 683-1:2016)
- EN ISO 683-2:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 2: Alloy steels for quenching and tempering (ISO 683-2:2016)
- EN ISO 683-3:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 3: Case-hardening steels (ISO 683-3:2016)
- EN ISO 683-4:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 4: Free-cutting steels (ISO 683-4:2016)

77.140.35 Alatni čelici

Međunarodna normizacija ISO

- ISO 4957:2018
Tool steels

77.140.45 Nelegirani čelici

Europska normizacija CEN

- EN ISO 683-1:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 1: Non-alloy steels for quenching and tempering (ISO 683-1:2016)
- EN ISO 683-2:2018
Heat-treatable steels, alloy steels and free-cutting steels – Part 2: Alloy steels for quenching and tempering (ISO 683-2:2016)

77.140.60 Čelične šipke i žice

Europska normizacija CEN

- EN 10277:2018
Bright steel products – Technical delivery conditions

83.040.20 Sastojci gume

Međunarodna normizacija ISO

- ISO 3858:2018
Rubber compounding ingredients – Carbon black – Determination of light transmittance of toluene extract
- ISO 28641:2018
Rubber compounding ingredients – Organic chemicals – General test methods

83.060 Guma

Međunarodna normizacija ISO

- ISO 13226:2018
Rubber – Standard reference elastomers (SREs) for characterizing the effect of liquids on vulcanized rubbers

83.080.01 Plastika općenito

Europska normizacija CEN

- EN ISO 877-3:2018
Plastics – Methods of exposure to solar radiation – Part 3: Intensified weathering using concentrated solar radiation (ISO 877-3:2018)
- EN ISO 2555:2018
Plastics – Resins in the liquid state or as emulsions or dispersions – Determination of apparent viscosity using a single cylinder type rotational viscometer method (ISO 2555:2018)

Međunarodna normizacija ISO

- ISO 10927:2018
Plastics – Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS)
- ISO 15033:2018
Plastics – Determination of caprolactam and its cyclic and linear oligomers by HPLC

83.080.20 Plastomerni materijali

Europska normizacija CEN

- EN ISO 29988-1:2018
Plastics – Polyoxymethylene (POM) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 29988-1:2018)
- EN ISO 29988-2:2018
Plastics – Polyoxymethylene (POM) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 29988-2:2018)

Međunarodna normizacija ISO

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

83.140.40 Crijeva

Međunarodna normizacija ISO

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

87.040 Boje i lakovi

Međunarodna normizacija ISO

- ISO 20266:2018
Paints and varnishes – Determination of image clarity (degree of sharpness of reflected or transmitted image)

91.010.01 Građevinska industrija općenito

Europska normizacija CEN

- CWA 17316:2018
Smart CE marking for construction products

91.010.30 Tehnički aspekti

Europska normizacija CEN

- EN 1090-4:2018
Execution of steel structures and aluminium structures – Part 4: Technical requirements for cold-formed structural steel elements and cold-formed structures for roof, ceiling, floor and wall applications

91.080.13 Čelične konstrukcije

Europska normizacija CEN

- EN 1090-2:2018
Execution of steel structures and aluminium structures – Part 2: Technical requirements for steel structures
- EN 1090-4:2018
Execution of steel structures and aluminium structures – Part 4: Technical requirements for cold-formed structural steel elements and cold-formed structures for roof, ceiling, floor and wall applications

91.080.17 Aluminijske konstrukcije

Europska normizacija CEN

- EN 1090-4:2018
Execution of steel structures and aluminium structures – Part 4: Technical requirements for cold-formed structural steel elements and cold-formed structures for roof, ceiling, floor and wall applications

91.100.30 Beton i betonski proizvodi

Međunarodna normizacija ISO

- ISO 1920-5:2018
Testing of concrete – Part 5: Density and water penetration depth
- ISO 1920-13:2018
Testing of concrete – Part 13: Properties of fresh self compacting concrete

91.120.40 Zaštita od groma

Europska normizacija CENELEC

- EN IEC 62793:2018
Protection against lightning – Thunderstorm warning systems (IEC 62793:2016)

91.140.80 Odvodni sustavi

Europska normizacija CEN

- EN 1451-1:2017/AC:2018
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Polypropylene (PP) – Part 1: Specifications for pipes, fittings and the system
- EN ISO 13259:2018
Thermoplastics piping systems for underground non-pressure applications – Test method for leaktightness of elastomeric sealing ring type joints (ISO 13259:2018)

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Međunarodna normizacija ISO

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

93.080.20 Materijali za gradnju cesta

Europska normizacija CEN

- EN 12697-12:2018
Bituminous mixtures – Test methods – Part 12: Determination of the water sensitivity of bituminous specimens
- EN 12697-26:2018
Bituminous mixtures – Test methods – Part 26: Stiffness
- EN 13285:2018
Unbound mixtures – Specifications

97.020 Kućno gospodarstvo općenito

Međunarodna normizacija ISO

- ISO 20488:2018
Online consumer reviews – Principles and requirements for their collection, moderation and publication

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija ISO

- ISO 19867-1:2018
Clean cookstoves and clean cooking solutions – Harmonized laboratory test protocols – Part 1: Standard test sequence for emissions and performance, safety and durability

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija CENELEC

- EN IEC 62820-3-1:2018
Building intercom systems – Part 3-1: Application guidelines – General (IEC 62820-3-1:2017)
- EN IEC 62820-3-2:2018
Building intercom systems – Part 3-2: Application guidelines – Advanced security building intercom systems (ASBIS) (IEC 62820-3-2:2018)

97.190 Oprema za djecu

Europska normizacija CEN

- CEN/TR 13387-3:2018
Child care articles – General safety guidelines – Part 3: Mechanical hazards

97.200.40 Igrališta

Europska normizacija CEN

- CEN/TR 17207:2018
Playground and recreational areas – Framework for the competence of playground inspectors

97.200.50 Igračke

Europska normizacija CEN

CEN/TR 15371-2:2018
Safety of toys – Interpretations – Part 2: Replies to requests for interpretation of the chemical standards in the EN 71 series

Međunarodna normizacija ISO

ISO/TR 8124-9:2018
Safety of toys – Part 9: Safety aspects related to mechanical and physical properties – Comparison of ISO 8124-1, EN 71-1, and ASTM F963

97.220.10 Sportski objekti

Europska normizacija CEN

EN 14903:2018
Surfaces for sports areas – Multi-sports floor systems for indoor use – Test method for determination of rotational friction

97.220.20 Oprema za zimske sportove

Međunarodna normizacija ISO

ISO 11088:2018
Alpine ski/binding/boot (S-B-B) system – Assembly, adjustment and inspection