

Hrvatski zavod za norme

Oglasnik za normativne dokumente

11/2018 studeni, 2018.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

HZN/TO 6, *Papir, karton i pulpe*

- HRN EN 1104:2018 en pr
Papir i karton koji dolaze u kontakt s prehrambenim proizvodima – Određivanje prijenosa antimikrobnih sastojaka (EN 1104:2018)
Paper and board intended to come into contact with foodstuffs – Determination of the transfer of antimicrobial constituents (EN 1104:2018)

HZN/TO 8, *Brodogradnja*

- HRN EN ISO 12215-1:2018 en pr
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 1. dio: Materijali: Toplinski očvrstive smole, pojačanja od staklenih vlakana, referencijski laminat (ISO 12215-1:2000; EN ISO 12215-1:2018)
Small craft – Hull construction and scantlings – Part 1: Materials: Thermosetting resins, glass-fibre reinforcement, reference laminate (ISO 12215-1:2000; EN ISO 12215-1:2018)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

- HRS CEN/TS 54-14:2018 en pr
Sustavi za otkrivanje i dojavu požara – 14. dio: Smjernice za planiranje, projektiranje, ugradnju, preuzimanje, upotrebu i održavanje (CEN/TS 54-14:2018)
Fire detection and fire alarm systems – Part 14: Guidelines for planning, design, installation, commissioning, use and maintenance (CEN/TS 54-14:2018)
- HRN EN 13565-2:2018 en pr
Stabilni protupožarni sustavi – Sustavi s pjenom – 2. dio: Projektiranje, izvedba i održavanje (EN 13565-2:2018)
Fixed firefighting systems – Foam systems – Part 2: Design, construction and maintenance (EN 13565-2:2018)

HZN/TO 44, *Zavarivanje i srodni postupci*

- HRI CEN/TR 15339-6:2018 en pr
Toplinsko naštrcavanje – Sigurnosni zahtjevi za opremu za toplinsko naštrcavanje – 6. dio: Komore za naštrcavanje, sustavi za rukovanje, skupljanje prašine, odsisni sustavi, filter (CEN/TR 15339-6:2014)
Thermal spraying – Safety requirements for thermal spraying equipment – Part 6: Spray booth, Handling system, Dust collection, Exhaust system, Filter (CEN/TR 15339-6:2014)
- HRN EN ISO 17279-1:2018 en pr
Zavarivanje – Mikrospajanje druge generacije visokotemperaturnih supravodiča – 1. dio: Opći zahtjevi za postupak (ISO 17279-1:2018; EN ISO 17279-1:2018)
Welding – Micro joining of 2nd generation high temperature superconductors – Part 1: General requirements for the procedure (ISO 17279-1:2018; EN ISO 17279-1:2018)

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

- HRN ISO 17068:2018 en pr
Informacije i dokumentacija – Pouzdani repozitoriji treće strane za digitalne zapise (ISO 17068:2017)
Information and documentation – Trusted third party repository for digital records (ISO 17068:2017)

- HRN ISO 18626:2018 en pr
Informacije i dokumentacija – Transakcije u međuknjižničnoj posudbi (ISO 18626:2017)
Information and documentation – Interlibrary Loan Transactions (ISO 18626:2017)

HZN/TO 108, *Mehaničke vibracije i udari*

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

HZN/TO 120, *Koža i obuća*

- HRN EN ISO 17696:2018 en pr
Obuća – Metode ispitivanja gornjišta, podstave i tabanice – Čvrstoća na kidanje (ISO 17696:2004; EN ISO 17696:2018)
Footwear – Test methods for uppers, linings and insoles – Tear strength (ISO 17696:2004; EN ISO 17696:2018)

- HRN EN ISO 17702:2018 en pr
Obuća – Metode ispitivanja gornjišta – Otpornost na vodu (ISO 17702:2003; EN ISO 17702:2018)
Footwear – Test methods for uppers – Water resistance (ISO 17702:2003; EN ISO 17702:2018)

- HRN EN ISO 17703:2018 en pr
Obuća – Metode ispitivanja gornjišta – Ponašanje pri povišenoj temperaturi (ISO 17703:2003; EN ISO 17703:2018)
Footwear – Test methods for uppers – High temperature behaviour (ISO 17703:2003; EN ISO 17703:2018)

- HRN EN ISO 17705:2018 en pr
Obuća – Metode ispitivanja gornjišta, podstave i tabanice – Toplinska izolacija (ISO 17705:2003; EN ISO 17705:2018)
Footwear – Test methods for uppers, lining and insoles – Thermal insulation (ISO 17705:2003; EN ISO 17705:2018)

- HRN EN ISO 17706:2018 en pr
Obuća – Metode ispitivanja gornjišta – Vlačna čvrstoća i istežanje (ISO 17706:2003; EN ISO 17706:2018)
Footwear – Test methods for uppers – Tensile strength and elongation (ISO 17706:2003; EN ISO 17706:2018)

- HRN EN ISO 17709:2018 en pr
Obuća – Mjesto uzorkovanja, priprema i trajanje izdržljivosti uzoraka i ispitivanje ispitnih komada (ISO 17709:2004; EN ISO 17709:2018)
Footwear – Sampling location, preparation and duration of conditioning of samples and test pieces (ISO 17709:2004; EN ISO 17709:2018)

- HRN EN ISO 18895:2018 en pr
Obuća – Metode ispitivanja za šipke – Otpornost na zamor (ISO 18895:2006; EN ISO 18895:2018)
Footwear – Test methods for shanks – Fatigue resistance (ISO 18895:2006; EN ISO 18895:2018)

- HRN EN ISO 22653:2018 en pr
Obuća – Metode ispitivanja podstave i tabanice – Statičko trenje (ISO 22653:2003; EN ISO 22653:2018)
Footwear – Test methods for lining and insoles – Static friction (ISO 22653:2003; EN ISO 22653:2018)

HZN/TO 135, *Nerazorna ispitivanja*

- HRN EN 12679:2018 en pr
Nerazorno ispitivanje – Određivanje veličine izvora zračenja u industrijskoj radiografiji – Radiografska metoda (EN 12679:2018)
Non-destructive testing – Radiographic testing – Determination of the size of industrial radiographic gamma sources (EN 12679:2018)

- HRN EN ISO 19232-5:2018 en pr
Nerazorno ispitivanje – Kvaliteta radiograma – 5. dio: Određivanje neoštine slike i osnovne vrijednosti prostorne razlučivosti upotrebom dvostrukih žičanih indikatora kvalitete slike (ISO 19232-5:2018; EN ISO 19232-5:2018)
Non-destructive testing – Image quality of radiographs – Part 5: Determination of the image unsharpness and basic spatial resolution value using duplex wire-type image quality indicators (ISO 19232-5:2018; EN ISO 19232-5:2018)

HRN EN ISO 20769-1:2018 en pr
Nerazorno ispitivanje – Radiografsko ispitivanje korozije i naslaga u cijevima upotrebom rendgenskog i gama zračenja – 1. dio: Radiografsko ispitivanje tangencijalnom tehnikom (ISO 20769-1:2018; EN ISO 20769-1:2018)
Non-destructive testing – Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays – Part 1: Tangential radiographic inspection (ISO 20769-1:2018; EN ISO 20769-1:2018)

HRN EN ISO 20769-2:2018 en pr
Nerazorno ispitivanje – Radiografsko ispitivanje korozije i naslaga u cijevima upotrebom rendgenskog i gama zračenja – 2. dio: Radiografsko ispitivanje tehnikom dvostruke stijenke (ISO 20769-2:2018; EN ISO 20769-2:2018)
Non-destructive testing – Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays – Part 2: Double wall radiographic inspection (ISO 20769-2:2018; EN ISO 20769-2:2018)

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

HRN EN ISO 11297-3:2018 en pr
Plastični cijevni sustavi za obnavljanje podzemnih tlačnih mreža za odvodnju i kanalizaciju – 3. dio: Obnavljanje prijanjućim cijevima (ISO 11297-3:2018; EN ISO 11297-3:2018)
Plastics piping systems for renovation of underground drainage and sewerage networks under pressure – Part 3: Lining with close-fit pipes (ISO 11297-3:2018; EN ISO 11297-3:2018)

HRN EN ISO 11298-3:2018 en pr
Plastični cijevni sustavi za obnavljanje podzemnih vodovodnih distribucijskih mreža – 3. dio: Obnavljanje prijanjućim cijevima (ISO 11298-3:2018; EN ISO 11298-3:2018)
Plastics piping systems for renovation of underground water supply networks – Part 3: Lining with close-fit pipes (ISO 11298-3:2018; EN ISO 11298-3:2018)

HRN EN ISO 15494:2018 en pr
Plastični cijevni sustavi za industrijsku primjenu – Polibuten (PB), polietilen (PE), polietilen postojan pri povišenoj temperaturi (PE-RT), umreženi polietilen (PE-X) i polipropilen (PP) – Metrički nizovi za specifikacije za sastavnice i sustav (ISO 15494:2015; EN ISO 15494:2018)
Plastics piping systems for industrial applications – Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) – Metric series for specifications for components and the system (ISO 15494:2015; EN ISO 15494:2018)

HZN/TO 146, *Kvaliteta zraka*

HRN EN 16966:2018 en pr
Profesionalna izloženost – Mjerenje izloženosti udisanjem nanoobjekata i njihovih agregata i aglomerata – Mjerne tehnike koje se koriste za određivanje brojčane, površinske i masene koncentracije (EN 16966:2018)
Workplace exposure – Measurement of exposure by inhalation of nano-objects and their aggregates and agglomerates – Metrics to be used such as number concentration, surface area concentration and mass concentration (EN 16966:2018)

HRN EN 17058:2018 en pr
Profesionalna izloženost – Procjena izloženosti nanoobjektima i njihovim aglomeratima i agregatima pri udisanju (EN 17058:2018)
Workplace exposure – Assessment of exposure by inhalation of nano-objects and their aggregates and agglomerates (EN 17058:2018)

HRS CEN/TS 17198:2018 en pr
Emisije iz nepokretnih izvora – Sustavi za praćenje emisija s predviđanjem (PEMS) – Primjenjivost, provedba i osiguranje kvalitete (CEN/TS 17198:2018)
Stationary source emissions – Predictive Emission Monitoring Systems (PEMS) – Applicability, execution and quality assurance (CEN/TS 17198:2018)

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

HRN EN ISO 8199:2018 en pr
Kvaliteta vode – Opći zahtjevi i smjernice za mikrobiološka ispitivanja uzgojenih mikroorganizama (ISO 8199:2018; EN ISO 8199:2018)
Water quality – General requirements and guidance for microbiological examinations by culture (ISO 8199:2018; EN ISO 8199:2018)

HZN/TO 163, *Toplinska izolacija*

HRN EN 14064-1:2018 en pr
Toplinsko-izolacijski proizvodi za zgrade – Nevezani proizvodi od mineralne vune (MW) oblikovani na mjestu primjene – 1. dio: Specifikacija za nevezane proizvode prije ugradnje (EN 14064-1:2018)
Thermal insulation products for buildings – In-situ formed loose-fill mineral wool (MW) products – Part 1: Specification for the loose-fill products before installation (EN 14064-1:2018)

HZN/TO 165, *Drvene konstrukcije*

HRN EN 14081-2:2018 en pr
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 2. dio: Strojno razvrstavanje, dodatni zahtjevi za početno ispitivanje tipa (EN 14081-2:2018)
Timber structures – Strength graded structural timber with rectangular cross section – Part 2: Machine grading, additional requirements for initial type testing (EN 14081-2:2018)

HRN EN 14081-3:2018 en pr
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 3. dio: Strojno razvrstavanje, dodatni zahtjevi za kontrolu tvorničke proizvodnje (EN 14081-3:2012+A1:2018)
Timber structures – Strength graded structural timber with rectangular cross section – Part 3: Machine grading, additional requirements for factory production control (EN 14081-3:2012+A1:2018)

HZN/TO 182, *Geotehničke konstrukcije*

HRN EN ISO 22476-6:2018 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 6. dio: Ispitivanje samobušećim presiometrom (ISO 22476-6:2018; EN ISO 22476-6:2018)
Geotechnical investigation and testing – Field testing – Part 6: Self boring pressuremeter test (ISO 22476-6:2018; EN ISO 22476-6:2018)

HRN EN ISO 22476-8:2018 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 8. dio: Ispitivanje utiskivanjem (razmičućim) presiometrom (ISO 22476-8:2018; EN ISO 22476-8:2018)
Geotechnical investigation and testing – Field testing – Part 8: Full displacement pressuremeter test (ISO 22476-8:2018; EN ISO 22476-8:2018)

HZN/TO 207, *Upravljanje okolišem*

HRN EN ISO 14026:2018 en pr
Znakovi i izjave o zaštiti okoliša – Načela, zahtjevi i smjernice za komunikaciju informacija o otisku proizvoda u okolišu (ISO 14026:2017; EN ISO 14026:2018)
Environmental labels and declarations – Principles, requirements and guidelines for communication of footprint information (ISO 14026:2017; EN ISO 14026:2018)

HZN/TO 215, *Medicinska informatika*

HRN ISO 20301:2018 en pr
Medicinska informatika – Zdravstvene kartice – Opće značajke (ISO 20301:2014)
Health informatics – Health cards – General characteristics (ISO 20301:2014)

HRN ISO 20302:2018 en pr
Medicinska informatika – Zdravstvene kartice – Sustav numeriranja i postupci registracije identifikacijskih oznaka izdavatelja (ISO 20302:2014)
Health informatics – Health cards – Numbering system and registration procedure for issuer identifiers (ISO 20302:2014)

HRN ISO/HL7 21731:2018 en pr
Medicinska informatika – HL7 inačica 3 – Referentni informacijski model – 4. izdanje (ISO/HL7 21731:2014)
Health informatics – HL7 version 3 – Reference information model – Release 4 (ISO/HL7 21731:2014)

HRN ISO 22857:2018 en pr
Medicinska informatika – Smjernice za zaštitu podataka radi omogućavanja prekograničnog protoka osobnih zdravstvenih podataka (ISO 22857:2013)
Health informatics – Guidelines on data protection to facilitate trans-border flows of personal health data (ISO 22857:2013)

HZN/TO 502, Plinski uređaji

HRN EN 16436-1:2018 en pr
Gumena i plastična crijeva, cijevi i spojevi za upotrebu propana, butana i njihovih mješavina u parnoj fazi – 1. dio: Crijeva i cjevovodi (EN 16436-1:2014+A2:2018)
Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixtures in the vapour phase – Part 1: Hoses and tubings (EN 16436-1:2014+A2:2018)

HRN EN ISO 20765-1:2018 en pr
Prirodni plin – Izračunavanje termodinamičkih svojstava – 1. dio: Svojstva plinske faze za primjenu u transportu i distribuciji (ISO 20765-1:2005; EN ISO 20765-1:2018)
Natural gas – Calculation of thermodynamic properties – Part 1: Gas phase properties for transmission and distribution applications (ISO 20765-1:2005; EN ISO 20765-1:2018)

HRN EN ISO 23874:2018 en pr
Prirodni plin – Zahtjevi plinske kromatografije za proračun točke rosišta ugljikovodika (ISO 23874:2006; EN ISO 23874:2018)
Natural gas – Gas chromatographic requirements for hydrocarbon dewpoint calculation (ISO 23874:2006; EN ISO 23874:2018)

HZN/TO 503, Metalni materijali

HRN EN ISO 204:2018 en pr
Metalni materijali – Jednoosno ispitivanje puzanja pri vlačnome naprezanju – Metoda ispitivanja (ISO 204:2018; EN ISO 204:2018)
Metallic materials – Uniaxial creep testing in tension – Method of test (ISO 204:2018; EN ISO 204:2018)

HRN EN 485-2:2018 en pr
Aluminij i aluminijeve legure – Limovi, trake i ploče – 2. dio: Mehanička svojstva (EN 485-2:2016+A1:2018)
Aluminium and aluminium alloys – Sheet, strip and plate – Part 2: Mechanical properties (EN 485-2:2016+A1:2018)

HRN EN ISO 8993:2018 en pr
Anodizacija aluminija i aluminijevih legura – Vrijednosni sustav za vrednovanje rupičaste korozije – Metoda usporedbe slikama (ISO 8993:2018; EN ISO 8993:2018)
Anodizing of aluminium and its alloys – Rating system for the evaluation of pitting corrosion – Chart method (ISO 8993:2018; EN ISO 8993:2018)

HRN EN ISO 21809-1:2018 en pr
Industrija nafte i zemnog plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u cjevovodnim transportnim sustavima – 1. dio: Poliolefinske prevlake (3-slojne PE i 3-slojne PP) (ISO 21809-1:2018; EN ISO 21809-1:2018)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 1: Polyolefin coatings (3-layer PE and 3-layer PP) (ISO 21809-1:2018; EN ISO 21809-1:2018)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 4531:2018 en pr
Staklasti i porculanski emajl – Otpuštanje iz emajliranih predmeta u dodiru s hranom – Metode ispitivanja i granične vrijednosti (ISO 4531:2018; EN ISO 4531:2018)
Vitreous and porcelain enamels – Release from enamelled articles in contact with food – Methods of test and limits (ISO 4531:2018; EN ISO 4531:2018)

HZN/TO 505, Prijenos i distribucija plina

HRN EN 16726:2018 en pr
Plinska infrastruktura – Kvaliteta plina – Grupa H (EN 16726:2015+A1:2018)
Gas infrastructure – Quality of gas – Group H (EN 16726:2015+A1:2018)

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

HRN EN ISO 10855-1:2018 en pr
Odobalni kontejneri i pripadajući pribor za dizanje – 1. dio: Projektiranje, proizvodnja i obilježavanje odobalnih kontejnera (ISO 10855-1:2018; EN ISO 10855-1:2018)
Offshore containers and associated lifting sets – Part 1: Design, manufacture and marking of offshore containers (ISO 10855-1:2018; EN ISO 10855-1:2018)

HRN EN ISO 10855-2:2018 en pr
Odobalni kontejneri i pripadajući pribor za dizanje – 2. dio: Projektiranje, proizvodnja i označavanje pribora za dizanje (ISO 10855-2:2018; EN ISO 10855-2:2018)
Offshore containers and associated lifting sets – Part 2: Design, manufacture and marking of lifting sets (ISO 10855-2:2018; EN ISO 10855-2:2018)

HRN EN ISO 10855-3:2018 en pr
Odobalni kontejneri i pripadajući pribor za dizanje – 3. dio: Periodička inspekcija, provjera i ispitivanje (ISO 10855-3:2018; EN ISO 10855-3:2018)
Offshore containers and associated lifting sets – Part 3: Periodic inspection, examination and testing (ISO 10855-3:2018; EN ISO 10855-3:2018)

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 13892-9:2018 en pr
Metode ispitivanja za materijale za in situ podove (estrihe) – 9. dio: Dimenzijska stabilnost (EN 13892-9:2018)
Methods of test for screed materials – Part 9: Dimensional stability (EN 13892-9:2018)

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN/TS 17182:2018 en pr
Inteligentni transportni sustavi – Elektronička sigurnosti – Elektronički hitni pozivi iz vozila putem ITS-postaje (CEN/TS 17182:2018)
Intelligent transport systems – eSafety – eCall via an ITS-station (CEN/TS 17182:2018)

HRI CEN/TR 17249-1:2018 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – 1. dio: Proširenje hitnog elektroničkog poziva prema ostalim kategorijama vozila (CEN/TR 17249-1:2018)
Intelligent transport systems – eSafety – Extending eCall to other categories of vehicle (CEN/TR 17249-1:2018)

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

HRN EN 17190:2018 en pr
Savitljive hidroizolacijske trake – Indeks solarne refleksije (EN 17190:2018)
Flexible sheets for waterproofing – Solar Reflectance Index (EN 17190:2018)

HZN/TO 526, Bitumenska veziva

HRN EN 13702:2018 en pr
Bitumen i bitumenska veziva – Određivanje dinamičke viskoznosti modificiranog bitumena metodom stošca i ploče (EN 13702:2018)
Bitumen and bituminous binders – Determination of dynamic viscosity of bitumen and bituminous binders by the cone and plate method (EN 13702:2018)

HZN/TO 531, Plastika i guma

HRN EN ISO 6802:2018 en pr
Gumena ili plastična crijeva i crijevni sklopovi – Ispitivanje hidrauličnog impulsa savijanjem (ISO 6802:2018; EN ISO 6802:2018)
Rubber or plastics hoses and hose assemblies – Hydraulic impulse test with flexing (ISO 6802:2018; EN ISO 6802:2018)

HRN EN ISO 21970-2:2018 en pr
Plastika – Poliketon(ski) (PK) materijali za kalupljenje i ekstruziju – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 21970-2:2018; EN ISO 21970-2:2018)
Plastics – Polyketone (PK) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 21970-2:2018; EN ISO 21970-2:2018)

HZN/TO 534, Spremnici za teret

HRN EN 12285-1:2018 en pr
Čelični spremnici izrađeni u radionici – 1. dio: Horizontalni valjkasti spremnici s jednostrukom i dvostrukom stijenkom za podzemno skladištenje zapaljivih i nezapaljivih tekućina koje onečišćuju vodu osim spremnika za grijanje i hlađenje zgrada (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 12285-1:2018)

HRN EN 12972:2018 en pr
Spremnici za prijevoz opasnih tvari – Ispitivanje, inspekcija i označavanje metalnih spremnika (EN 12972:2018)
Tanks for transport of dangerous goods – Testing, inspection and marking of metallic tanks (EN 12972:2018)

HRN EN 13317:2018 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Sklop poklopca ulaznog otvora (EN 13317:2018)
Tanks for transport of dangerous goods – Service equipment for tanks – Manhole cover assembly (EN 13317:2018)

HRN EN 14025:2018 en pr
Spremnici za prijevoz opasnih tvari – Metalni tlačni spremnici – Projektiranje i konstrukcija (EN 14025:2018)
Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction (EN 14025:2018)

HRN EN 14116:2018 en pr
Spremnici za prijevoz opasnih tvari – Digitalno sučelje uređaja za prepoznavanje proizvoda za tekuća goriva (EN 14116:2012+A2:2018)
Tanks for transport of dangerous goods – Digital interface for product recognition devices for liquid fuels (EN 14116:2012+A2:2018)

HRN EN 14596:2018 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema spremnika – Sigurnosni tlačni ventil (EN 14596:2018)
Tanks for transport of dangerous goods – Service equipment for tanks – Emergency pressure relief valve (EN 14596:2018)

HRN EN 16657:2018 en pr
Spremnici za prijevoz opasnih tvari – Oprema na transportnom spremniku za uređaje za sprječavanje prepunjenosti nepomičnih spremnika (EN 16657:2016+A1:2018)
Tanks for the transport of dangerous goods – Transport tank equipment for overflow prevention devices for static tanks (EN 16657:2016+A1:2018)

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

HRN EN 14351-2:2018 en pr
Prozori i vrata – Norma za proizvod, izvedbene značajke – 2. dio: Unutarnja pješaka vrata (EN 14351-2:2018)
Windows and doors – Product standard, performance characteristics – Part 2: Internal pedestrian doorsets (EN 14351-2:2018)

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

HRN EN ISO 6413:2018 en pr
Tehnička dokumentacija proizvoda – Prikaz spojeva sa zupčastim i klinastim vratilima (ISO 6413:2018; EN ISO 6413:2018)
Technical product documentation – Representation of splines and serrations (ISO 6413:2018; EN ISO 6413:2018)

HZN/TO 539, Kemijski dezinficijensi i antiseptici

HRN EN 17111:2018 en pr
Kemijski dezinficijensi i antiseptici – Kvantitativni test na nosaču za procjenu virucidne djelotvornosti za instrumente koji se upotrebljavaju u medicini – Metode ispitivanja i zahtjevi (faza 2/korak 2) (EN 17111:2018)
Chemical disinfectants and antiseptics – Quantitative carrier test for the evaluation of virucidal activity for instruments used in the medical area – Test method and requirements (phase 2, step 2) (EN 17111:2018)

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

HRN EN ISO 29463-2:2018 en pr
Visokoučinkoviti filtri i filterski mediji za odstranjivanje čestica iz zraka – 2. dio: Proizvodnja aerosola, oprema za mjerenje i statistika brojanja čestica (ISO 29463-2:2011; EN ISO 29463-2:2018)
High-efficiency filters and filter media for removing particles in air – Part 2: Aerosol production, measuring equipment and particle-counting statistics (ISO 29463-2:2011; EN ISO 29463-2:2018)

HRN EN ISO 29463-3:2018 en pr
Visokoučinkoviti filtri i filterski mediji za odstranjivanje čestica iz zraka – 3. dio: Ispitivanje pločastih filterskih medija (ISO 29463-3:2011; EN ISO 29463-3:2018)
High-efficiency filters and filter media for removing particles in air – Part 3: Testing flat sheet filter media (ISO 29463-3:2011; EN ISO 29463-3:2018)

HRN EN ISO 29463-4:2018 en pr
Visokoučinkoviti filtri i filterski mediji za odstranjivanje čestica iz zraka – 4. dio: Metoda ispitivanja za određivanje propuštanja filterskih elemenata metodom skeniranja (ISO 29463-4:2011; EN ISO 29463-4:2018)
High-efficiency filters and filter media for removing particles in air – Part 4: Test method for determining leakage of filter elements-Scan method (ISO 29463-4:2011; EN ISO 29463-4:2018)

HRN EN ISO 29463-5:2018 en pr
Visokoučinkoviti filtri i filterski mediji za odstranjivanje čestica iz zraka – 5. dio: Metoda ispitivanja filterskih elemenata (ISO 29463-5:2011; EN ISO 29463-5:2018)
High-efficiency filters and filter media for removing particles in air – Part 5: Test method for filter elements (ISO 29463-5:2011; EN ISO 29463-5:2018)

HZN/TO 544, Strojni elementi

HRN EN ISO 1891-4:2018 en,fr,de,ru pr
Spojni elementi – Nazivlje – 4. dio: Kontrolna ispitivanja, nadzor, isporuka, prihvaćanje i kvaliteta (ISO 1891-4:2018; EN ISO 1891-4:2018)
Fasteners – Vocabulary – Part 4: Controls, inspection, delivery, acceptance and quality (ISO 1891-4:2018; EN ISO 1891-4:2018)

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 13032-5:2018 en pr
Svjetlo i rasvjeta – Mjerenje i prikaz fotometričkih podataka izvora svjetla i rasvjetnih tijela – 5. dio: Prikaz podataka za rasvjetna tijela za cestovnu rasvjetu (EN 13032-5:2018)
Light and lighting – Measurement and presentation of photometric data of lamps and luminaires – Part 5: Presentation of data for luminaires used for road lighting (EN 13032-5:2018)

HZN/TO 553, Predgotovljeni proizvodi

HRN EN 997:2018 en pr
WC školjke i WC garniture s ugrađenim sifonom (EN 997:2018)
WC pans and WC suites with integral trap (EN 997:2018)

HRN EN ISO 10545-2:2018 en pr
Keramičke pločice – 2. dio: Određivanje dimenzija i površinske kakvoće (ISO 10545-2:2018; EN ISO 10545-2:2018)
Ceramic tiles – Part 2: Determination of dimensions and surface quality (ISO 10545-2:2018; EN ISO 10545-2:2018)

HRN EN 12764:2018 en pr
Sanitarni uređaji – Specifikacija za vrtložne kade (EN 12764:2015+A1:2018)
Sanitary appliances – Specification for whirlpool baths (EN 12764:2015+A1:2018)

HRN EN 13310:2018 en pr
Sudoperi – Funkcionalni zahtjevi i metode ispitivanja (EN 13310:2015+A1:2018)
Kitchen sinks – Functional requirements and test methods (EN 13310:2015+A1:2018)

HRN EN 13407:2018 en pr
Zidni pisoari – Funkcionalni zahtjevi i metode ispitivanja (EN 13407:2015+A1:2018)
Wall-hung urinals – Functional requirements and test methods (EN 13407:2015+A1:2018)

HRN EN 14296:2018 en pr
Sanitarni uređaji – Zajednička korita za pranje
(EN 14296:2015+A1:2018)
Sanitary appliances – Communal washing troughs
(EN 14296:2015+A1:2018)

HRN EN 14428:2018 en pr
Stijenke tuš kabine – Funkcionalni zahtjevi i metode ispitivanja
(EN 14428:2015+A1:2018)
Shower enclosures – Functional requirements and test
methods (EN 14428:2015+A1:2018)

HRN EN 14528:2018 en pr
Bidei – Funkcionalni zahtjevi i metode ispitivanja
(EN 14528:2015+A1:2018)
Bidets – Functional requirements and test methods
(EN 14528:2015+A1:2018)

HRN EN 14688:2018 en pr
Sanitarni uređaji – Umivaonici – Funkcionalni zahtjevi i
metode ispitivanja (EN 14688:2015+A1:2018)
Sanitary appliances – Wash basins – Functional requirements
and test methods (EN 14688:2015+A1:2018)

HZN/TO 554, Obrada otpadnih voda

HRN EN 15885:2018 en pr
Razredba i značajke tehnika za obnovu, popravak i zamjenu
odvodnih i kanalizacijskih sustava (EN 15885:2018)
Classification and characteristics of techniques for renovation,
repair and replacement of drains and sewers (EN 15885:2018)

HZN/TO 555, Medicinski proizvodi

HRN EN 13060:2018 en pr
Mali sterilizatori na paru (EN 13060:2014+A1:2018)
Small steam sterilizers (EN 13060:2014+A1:2018)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 13832-1:2018 en pr
Obuća za zaštitu od kemikalija – 1. dio: Nazivlje i metode
ispitivanja (EN 13832-1:2018)
Footwear protecting against chemicals – Part 1: Terminology
and test methods (EN 13832-1:2018)

HZN/TO 557, Zaštitna odjeća

HRN EN ISO 11393-1:2018 en pr
Zaštitna odjeća za korisnike ručnih lančanih pila – 1. dio:
Naprava za ispitivanje otpornosti na razrezivanje lančanom
pilom (ISO 11393-1:2018; EN ISO 11393-1:2018)
Protective clothing for users of hand-held chainsaws – Part 1:
Test rig for testing resistance to cutting by a chainsaw
(ISO 11393-1:2018; EN ISO 11393-1:2018)

HRN EN ISO 11393-3:2018 en pr
Zaštitna odjeća za korisnike ručnih lančanih pila
– 3. dio: Metode ispitivanja obuće (ISO 11393-3:2018;
EN ISO 11393-3:2018)
Protective clothing for users of hand-held chain-saws
– Part 3: Test methods for footwear (ISO 11393-3:2018;
EN ISO 11393-3:2018)

HRN EN 16523-1:2018 en pr
Određivanje otpornosti materijala na permeaciju kemikalija
– 1. dio: Permeacija potencijalno opasnih tekućih kemikalija u
uvjetima stalnog dodira (EN 16523-1:2015+A1:2018)
Determination of material resistance to permeation by
chemicals – Part 1: Permeation by potentially hazardous
liquid chemicals under conditions of continuous contact
(EN 16523-1:2015+A1:2018)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 12516-1:2018 en pr
Industrijski zaporni uređaji – Projektna čvrstoća kućišta
– 1. dio: Tablična metoda za kućišta zapornih uređaja od
čelika (EN 12516-1:2014+A1:2018)
Industrial valves – Shell design strength – Part 1: Tabulation
method for steel valve shells (EN 12516-1:2014+A1:2018)

HRN EN 12516-4:2018 en pr
Industrijski zaporni uređaji – Projektna čvrstoća kućišta
– 4. dio: Metoda proračuna kućišta zapornih
uređaja izrađenih od metalnih materijala osim čelika
(EN 12516-4:2014+A1:2018)
Industrial valves – Shell design strength – Part 4: Calculation
method for valve shells manufactured in metallic materials
other than steel (EN 12516-4:2014+A1:2018)

HZN/TO 560, Tekstilni proizvodi

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

HRN EN ISO 15487:2018 en pr
Tekstil – Metoda ocjenjivanja izgleda odjeće i drugih gotovih
tekstilnih proizvoda nakon pranja i sušenja u kućanstvu
(ISO 15487:2018; EN ISO 15487:2018)
Textiles – Method for assessing appearance of apparel and
other textile end products after domestic washing and drying
(ISO 15487:2018; EN ISO 15487:2018)

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

HRN EN ISO 10460:2018 en pr
Plinske boce – Plinske boce od zavarene aluminijske legure,
ugljičnih i nehrđajućih čelika – Periodični pregled i ispitivanje
(ISO 10460:2018; EN ISO 10460:2018)
Gas cylinders – Welded aluminium-alloy, carbon and
stainless steel gas cylinders – Periodic inspection and testing
(ISO 10460:2018; EN ISO 10460:2018)

HRN EN 13445-3:2014/A5:2018 en pr
Neložene tlačne posude – 3. dio: Projektiranje
(EN 13445-3:2014/A5:2018)
Unfired pressure vessels – Part 3: Design
(EN 13445-3:2014/A5:2018)

HRN EN 13480-2:2017/A1:2018 en pr
Metalni industrijski cjevovodi – 2. dio: Materijali
(EN 13480-2:2017/A1:2018)
Metallic industrial piping – Part 2: Materials
(EN 13480-2:2017/A1:2018)

HRN EN 13480-2:2017/A2:2018 en pr
Metalni industrijski cjevovodi – 2. dio: Materijali
(EN 13480-2:2017/A2:2018)
Metallic industrial piping – Part 2: Materials
(EN 13480-2:2017/A2:2018)

HRN EN 13480-2:2017/A3:2018 en pr
Metalni industrijski cjevovodi – 2. dio: Materijali
(EN 13480-2:2017/A3:2018)
Metallic industrial piping – Part 2: Materials
(EN 13480-2:2017/A3:2018)

HRN EN ISO 18119:2018 en pr
Plinske boce – Plinske boce i cijevi od nehrđajućeg čelika i
nehrđajuće aluminijske legure – Periodični pregled i ispitivanje
(ISO 18119:2018; EN ISO 18119:2018)
Gas cylinders – Seamless steel and seamless aluminium-
alloy gas cylinders and tubes – Periodic inspection and testing
(ISO 18119:2018; EN ISO 18119:2018)

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

HRN EN ISO 23470:2018 en pr
Kvaliteta tla – Određivanje efektivnoga kationskog
izmjenjivačkog kapaciteta (KIK) i izmjenjivih kationa
primjenom heksaminkobalt triklorid otopine (ISO 23470:2018;
EN ISO 23470:2018)
Soil quality – Determination of effective cation exchange
capacity (CEC) and exchangeable cations using a
hexaminecobalt trichloride solution (ISO 23470:2018;
EN ISO 23470:2018)

HZN/TO E2, Rotacijski strojevi

HRN EN IEC 60034-14:2018 en pr
Rotacijski električni strojevi – 14. dio: Mehaničke vibracije strojeva visine vratila 56 mm i više – Mjerenje, ocjena i granice žestine vibracija (IEC 60034-14:2018; EN IEC 60034-14:2018)
Rotating electrical machines – Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher – Measurement, evaluation and limits of vibration severity (IEC 60034-14:2018; EN IEC 60034-14:2018)

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50463-2:2017/Isp.1:2018 en pr
Željeznički sustav – Mjerenje energije na vozilima – 2. dio: Mjerenje energije (EN 50463-2:2017/AC:2018)
Railway applications – Energy measurement on board trains – Part 2: Energy measuring (EN 50463-2:2017/AC:2018)

HZN/TO E14, Energetski transformatori

HRN EN IEC 60076-11:2018 en pr
Energetski transformatori – 11. dio: Suhi transformatori (IEC 60076-11:2018; EN IEC 60076-11:2018)
Power transformers – Part 11: Dry-type transformers (IEC 60076-11:2018; EN IEC 60076-11:2018)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN 50064:2018 en pr
Visokonaponska sklopna aparatura – Kućišta izrađena od aluminija i aluminijskih legura punjena plinom (EN 50064:2018)
High-voltage switchgear and controlgear – Gas-filled wrought aluminium and aluminium alloy enclosures (EN 50064:2018)

HRN EN 50069:2018 en pr
Visokonaponska sklopna aparatura – Zavarena kompozitna kućišta od odljevaka aluminijskih legura punjena plinom (EN 50069:2018)
High-voltage switchgear and controlgear – Gas-filled welded composite enclosures of cast and wrought aluminium alloys (EN 50069:2018)

HZN/TO E20, Električni kabeli

HRN EN IEC 60332-3-10:2018 en pr
Ispitivanje električnih i svjetlovodnih kabela pod djelovanjem vatre – Dio 3-10: Ispitivanje na uspravno širenje plamena na snopu uspravno položenih vodova ili kabela – Ispitni uređaji (IEC 60332-3-10:2018; EN IEC 60332-3-10:2018)
Tests on electric and optical fibre cables under fire conditions – Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables – Apparatus (IEC 60332-3-10:2018; EN IEC 60332-3-10:2018)

HRN EN IEC 60332-3-21:2018 en pr
Ispitivanje električnih i svjetlovodnih kabela pod djelovanjem vatre – Dio 3-21: Ispitivanje na uspravno širenje plamena na snopu uspravno položenih vodova ili kabela – Vrsta ispitivanja A F/R (IEC 60332-3-21:2018; EN IEC 60332-3-21:2018)
Tests on electric and optical fibre cables under fire conditions – Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category A F/R (IEC 60332-3-21:2018; EN IEC 60332-3-21:2018)

HRN EN IEC 60332-3-22:2018 en pr
Ispitivanje električnih i svjetlovodnih kabela pod djelovanjem vatre – Dio 3-22: Ispitivanje na uspravno širenje plamena na snopu uspravno položenih vodova ili kabela – Vrsta ispitivanja A (IEC 60332-3-22:2018; EN IEC 60332-3-22:2018)
Tests on electric and optical fibre cables under fire conditions – Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category A (IEC 60332-3-22:2018; EN IEC 60332-3-22:2018)

HRN EN IEC 60332-3-23:2018 en pr
Ispitivanje električnih i svjetlovodnih kabela pod djelovanjem vatre – Dio 3-23: Ispitivanje na uspravno širenje plamena na snopu uspravno položenih vodova ili kabela – Vrsta ispitivanja B (IEC 60332-3-23:2018; EN IEC 60332-3-23:2018)
Tests on electric and optical fibre cables under fire conditions – Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category B (IEC 60332-3-23:2018; EN IEC 60332-3-23:2018)

HRN EN IEC 60332-3-24:2018 en pr
Ispitivanje električnih i svjetlovodnih kabela pod djelovanjem vatre – Dio 3-24: Ispitivanje na uspravno širenje plamena na snopu uspravno položenih vodova ili kabela – Vrsta ispitivanja C (IEC 60332-3-24:2018; EN IEC 60332-3-24:2018)
Tests on electric and optical fibre cables under fire conditions – Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category C (IEC 60332-3-24:2018; EN IEC 60332-3-24:2018)

HRN EN IEC 60332-3-25:2018 en pr
Ispitivanje električnih i svjetlovodnih kabela pod djelovanjem vatre – Dio 3-25: Ispitivanje na uspravno širenje plamena na snopu uspravno položenih vodova ili kabela – Vrsta ispitivanja D (IEC 60332-3-25:2018; EN IEC 60332-3-25:2018)
Tests on electric and optical fibre cables under fire conditions – Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category D (IEC 60332-3-25:2018; EN IEC 60332-3-25:2018)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60061-1:2008/A58:2018 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am58:2018; EN 60061-1:1993/A58:2018)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am58:2018; EN 60061-1:1993/A58:2018)

HRN EN 60061-2:2008/A54:2018 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za žarulje (IEC 60061-2:1969/am54:2018; EN 60061-2:1993/A54:2018)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/am54:2018; EN 60061-2:1993/A54:2018)

HRN EN 60061-3:2008/A55:2018 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična mjerila (IEC 60061-3:1969/am55:2018; EN 60061-3:1993/A55:2018)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/am55:2018; EN 60061-3:1993/A55:2018)

HRN EN 61167:2018 en pr
Metal-halogene žarulje – Izvedbeni zahtjevi (IEC 61167:2018, MOD; EN 61167:2018)
Metal halide lamps – Performance specification (IEC 61167:2018, MOD; EN 61167:2018)

HRN EN 62386-102:2016/A1:2018 en pr
Digitalno upravljanje rasvjetom – 102. dio: Opći zahtjevi – Predspojne naprave (IEC 62386-102:2014/am1:2018; EN 62386-102:2014/A1:2018)
Digital addressable lighting interface – Part 102: General requirements – Control gear (IEC 62386-102:2014/am1:2018; EN 62386-102:2014/A1:2018)

HRN EN 62386-103:2016/A1:2018 en pr
Digitalno upravljanje rasvjetom – 103. dio: Opći zahtjevi – Upravljački uređaji (IEC 62386-103:2014/am1:2018; EN 62386-103:2014/A1:2018)
Digital addressable lighting interface – Part 103: General requirements – Control devices (IEC 62386-103:2014/am1:2018; EN 62386-103:2014/A1:2018)

HRN EN 62612:2013/A2:2018 en pr
Žarulje sa svjetlećim diodama s vlastitom predspojnom napravom za opću uporabu u rasvjeti s naponom napajanja većim od 50 V – Izvedbeni zahtjevi (IEC 62612:2013/am2:2018; EN 62612:2013/A2:2018)
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements (IEC 62612:2013/am2:2018; EN 62612:2013/A2:2018)

HRN EN 62707-1:2015/A1:2018 en pr
Označavanje svjetlećih dioda (LED) – 1. dio: Opći zahtjevi i bijela mreža namijenjeni primjeni na motornim vozilima (IEC 62707-1:2013/am1:2018; EN 62707-1:2014/A1:2018)
LED-binning – Part 1: General requirements and white colour grid intended for automotive applications (IEC 62707-1:2013/am1:2018; EN 62707-1:2014/A1:2018)

HZN/TO E56, Pouzdanost

HRN EN IEC 60812:2018 en pr
Analiza vrsta kvarova i njihovih posljedica (FMEA i FMECA) (IEC 60812:2018; EN IEC 60812:2018)
Failure modes and effects analysis (FMEA and FMECA) (IEC 60812:2018; EN IEC 60812:2018)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN IEC 62325-503:2018 en pr
Okvir za komunikaciju na tržištu električnom energijom – 503. dio: Vodič za razmjenu podataka tržišta za profil prema normi ICE 62325-351 (IEC 62325-503:2018; EN IEC 62325-503:2018)
Framework for energy market communications – Part 503: Market data exchanges guidelines for the IEC 62325-351 profile (IEC 62325-503:2018; EN IEC 62325-503:2018)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-2-76:2018 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za pobuđivače električnih ograda (IEC 60335-2-76:2018; EN IEC 60335-2-76:2018)
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers (IEC 60335-2-76:2018; EN IEC 60335-2-76:2018)

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

HRN EN IEC 61918:2018 en pr
Industrijske komunikacijske mreže – Instalacija komunikacijskih mreža u industrijskim uvjetima (IEC 61918:2018; EN IEC 61918:2018)
Industrial communication networks – Installation of communication networks in industrial premises (IEC 61918:2018; EN IEC 61918:2018)

HZN/TO E79, Alarmni sustavi

HRN EN 50136-1:2013/A1:2018 en pr
Alarmni sustavi – Sustavi i uređaji za prijenos signala alarma – 1. dio: Opći zahtjevi za sustave za prijenos signala (EN 50136-1:2012/A1:2018)
Alarm systems – Alarm transmission systems and equipment – Part 1: General requirements for alarm transmission systems (EN 50136-1:2012/A1:2018)

HRS CLC/TS 50136-7:2018 en pr
Alarmni sustavi – Sustavi i uređaji za prijenos signala alarma – 7. dio: Smjernice za primjenu (CLC/TS 50136-7:2017)
Alarm systems – Alarm transmission systems and equipment – Part 7: Application guidelines (CLC/TS 50136-7:2017)

HRS CLC/TS 50136-9:2018 en pr
Alarmni sustavi – Sustavi i uređaji za prijenos signala alarma – 9. dio: Zahtjevi za zajednički protokol za prijenos signala alarma koji primjenjuje Internet protokol (CLC/TS 50136-9:2017)
Alarm systems – Alarm transmission systems and equipment – Part 9: Requirements for common protocol for alarm transmission using the Internet Protocol (IP) (CLC/TS 50136-9:2017)

HRS CLC/TS 50661-1:2018 en pr
Alarmni sustavi – Vanjski perimetarski zaštitni sustavi – 1. dio: Zahtjevi za sustav (CLC/TS 50661-1:2017)
Alarm systems – External perimeter security systems – Part 1: System requirements (CLC/TS 50661-1:2017)

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

HRN EN IEC 61993-2:2018 en pr
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Sustavi automatske identifikacije (AIS) – 2. dio: Brodska oprema za univerzalni sustav automatske identifikacije (AIS) razreda A – Radni i izvedbeni zahtjevi, metode ispitivanja i zahtijevani rezultati ispitivanja (IEC 61993-2:2018; EN IEC 61993-2:2018)
Maritime navigation and radiocommunication equipment and systems – Automatic Identification Systems (AIS) – Part 2: Class A shipborne equipment of the automatic identification system (AIS) – Operational and performance requirements, methods of test and required test results (IEC 61993-2:2018; EN IEC 61993-2:2018)

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

HRN EN IEC 60268-4:2018 en pr
Oprema audiosustava – 4. dio: Mikrofoni (IEC 60268-4:2018; EN IEC 60268-4:2018)
Sound system equipment – Part 4: Microphones (IEC 60268-4:2018; EN IEC 60268-4:2018)

HRN EN 60728-11:2017/A11:2018 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 11. dio: Sigurnost (EN 60728-11:2017/A11:2018)
Cable networks for television signals, sound signals and interactive services – Part 11: Safety (EN 60728-11:2017/A11:2018)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55016-4-2:2012/A2:2018 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 4-2: Nesigurnosti, statistike i modeliranje dopuštenih vrijednosti – Nesigurnost mjerne opreme (CISPR 16-4-2:2011/am2:2018; EN 55016-4-2:2011/A2:2018)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-2: Uncertainties, statistics and limit modelling – Measurement instrumentation uncertainty (CISPR 16-4-2:2011/am2:2018; EN 55016-4-2:2011/A2:2018)

HZN/TO Z1, Informacijska tehnologija

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

HRN ISO/IEC 11770-3:2017/A1:2018 en pr
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 3. dio: Mehanizmi korištenja asimetričnih tehnika – Amandman 1: Slijepi Diffie-Hellman dogovor ključeva (ISO/IEC 11770-3:2015/Amd 1:2017)
Information technology – Security techniques – Key management – Part 3: Mechanisms using asymmetric techniques – Amendment 1: Blinded Diffie-Hellman key agreement (ISO/IEC 11770-3:2015/Amd 1:2017)

HRN ISO/IEC 11770-4:2018 en pr
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 4. dio: Mehanizmi koji se temelje na slabim tajnama (ISO/IEC 11770-4:2017)
Information technology – Security techniques – Key management – Part 4: Mechanisms based on weak secrets (ISO/IEC 11770-4:2017)

HRN ISO/IEC 18033-2:2013/A1:2018 en pr
Informacijska tehnologija – Sigurnosne tehnike – Algoritmi šifriranja – 2. dio: Asimetrična enkripcija – Amandman 1: FACE (ISO/IEC 18033-2:2006/Amd 1:2017)
Information technology – Security techniques – Encryption algorithms – Part 2: Asymmetric ciphers – Amendment 1: FACE (ISO/IEC 18033-2:2006/Amd 1:2017)

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

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

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

HRN EN 14215:2018 en pr
Tekstilne podne obloge – Razredba strojno rađenih tepiha i staza s florom (EN 14215:2018)
Textile floor coverings – Classification of machine-made rugs and runners (EN 14215:2018)

HRN EN 16354:2018 en pr
Laminatne podne obloge – Podslojevi – Specifikacije, zahtjevi i ispitne metode (EN 16354:2018)
Laminate floor coverings – Underlays – Specification, requirements and test methods (EN 16354:2018)

HRN EN ISO 20326:2018 en pr
Elastične podne obloge – Specifikacija za podne ploče za slobodno polaganje (ISO 20326:2016; EN ISO 20326:2018)
Resilient floor coverings – Specification for floor panels/assembly for loose laying (ISO 20326:2016; EN ISO 20326:2018)

HZN/TU B1, *Graditeljstvo 1*

HRS CEN/TS 17216:2018 en pr
Građevni proizvodi – Procjena otpuštanja opasnih tvari – Određivanje koncentracija aktivnosti 226Ra, 232Th i 40K pomoću gama-spektrometrije (CEN/TS 17216:2018)
Construction products – Assessment of release of dangerous substances – Determination of the activity concentrations of 226Ra, 232Th and 40K using gamma-ray spectrometry (CEN/TS 17216:2018)

HZN/TU I2, *Strojarstvo 2*

HRN EN ISO 19014-3:2018 en pr
Strojevi za zemljane radove – Funkcionalna sigurnost – 3. dio: Zahtjevi s obzirom na okoliš i zahtjevi za ispitivanje elektroničkih i električnih elemenata koji se upotrebljavaju u sigurnosnim dijelovima sustava za upravljanje (ISO 19014-3:2018; EN ISO 19014-3:2018)
Earth-moving machinery – Functional safety – Part 3: Environmental performance and test requirements of electronic and electrical components used in safety-related parts of the control system (ISO 19014-3:2018; EN ISO 19014-3:2018)

HZN/TU M1, *Metalni materijali 1*

HRN EN ISO 4022:2018 en pr
Propusnost sinteriranih metalnih materijala – Određivanje propusnosti fluida (ISO 4022:2018; EN ISO 4022:2018)
Permeable sintered metal materials – Determination of fluid permeability (ISO 4022:2018; EN ISO 4022:2018)

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

HRN EN ISO 20569:2018 en pr
Stomatologija – Svrkla za trepanaciju (ISO 20569:2018; EN ISO 20569:2018)
Dentistry – Trephine burs (ISO 20569:2018; EN ISO 20569:2018)

HRN EN ISO 20570:2018 en pr
Stomatologija – Drška skalpela za oralnu kirurgiju (ISO 20570:2018; EN ISO 20570:2018)
Dentistry – Oral surgical scalpel handle (ISO 20570:2018; EN ISO 20570:2018)

HRN EN ISO 28158:2018 en pr
Stomatologija – Zubna svila s držačem (ISO 28158:2018; EN ISO 28158:2018)
Dentistry – Integrated dental floss and handles (ISO 28158:2018; EN ISO 28158:2018)

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

HRN EN 1459-2:2018 en pr
Vozila za teške terene – Sigurnosni zahtjevi i verifikacija – 2. dio: Vozila s okretnom nadogradnjom i promjenjivim dohvatom (EN 1459-2:2015+A1:2018)
Rough-terrain trucks – Safety requirements and verification – Part 2: Slewing variable-reach trucks (EN 1459-2:2015+A1:2018)

HRN EN 2369:2018 en pr
Zrakoplovstvo – Žice od legura otpornih na toplinu – Promjer 0,2 mm ≤ D ≤ 8 mm – Dimenzije (EN 2369:2018)
Aerospace series – Wires, heat resisting alloys – Diameter 0,2 mm ≤ D ≤ 8 mm – Dimensions (EN 2369:2018)

HRN EN 2564:2018 en pr
Zrakoplovstvo – Laminati s ugljičnim vlaknima – Određivanje sadržaja vlakana, smole i šupljina (EN 2564:2018)
Aerospace series – Carbon fibre laminates – Determination of the fibre, resin and void contents (EN 2564:2018)

HRN EN 2591-228:2018 en pr
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 228. dio: Sila povlačenja čahure (EN 2591-228:2018)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 228: Ferrule withdrawal force (EN 2591-228:2018)

HRN EN 2591-403:2018 en pr
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 403. dio: Sinusoidne i slučajne vibracije (EN 2591-403:2018)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration (EN 2591-403:2018)

HRN EN 2894:2018 en pr
Zrakoplovstvo – Matice, dvanaesterokutne, samozatvarajuće, s upustom, od legure na bazi nikla otporne na toplinu, pasivizirane, podmazane s MoS2 – Klasifikacija: 1 550 MPa (pri temperaturi okoline)/315 °C (EN 2894:2018)
Aerospace series – Nuts, bihexagonal, self-locking, with counterbore, in heat resisting nickel base alloy, passivated, MoS2 lubricated – Classification: 1 550 MPa (at ambient temperature)/315 °C (EN 2894:2018)

HRN EN 3660-004:2018 en pr
Zrakoplovstvo – Oprema utičnice kabla za kružne i kvadratne električne i optičke spojnice – Dio 004: Kabelski izlaz, tip A, ravni, nebrtvljeni sa spojnicom kabla za rasterećenje – Norma za proizvod (EN 3660-004:2018)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 004: Cable outlet, style A, straight, unsealed with clamp strain relief – Product standard (EN 3660-004:2018)

HRN EN 3660-005:2018 en pr
Zrakoplovstvo – Oprema utičnice kabla za kružne i kvadratne električne i optičke spojnice – Dio 005: Kabelski izlaz, tip A, 90°, nebrtvljen sa spojnicom kabla za rasterećenje – Norma za proizvod (EN 3660-005:2018)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief – Product standard (EN 3660-005:2018)

HRN EN 3745-202:2018 en pr
Zrakoplovstvo – Vlakna i kabeli, optički, za zrakoplove – Metode ispitivanja – 202. dio: Dimenzije vlakana (EN 3745-202:2018)
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 202: Fibre dimensions (EN 3745-202:2018)

HRN EN 4611-005:2018 en pr
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višežilni sklop – XLETFE porodica – Dio 005: Bakar prevučen srebrom – Radna temperatura između -65 °C i 150 °C – Jednostruki ekstrudirani zid za zatvorenu primjenu – Za ispis UV laserskim pisačem – Norma za proizvod (EN 4611-005:2018)
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 005: Silver plated copper – Operating temperatures between -65 °C and 150 °C – Single extruded wall for enclosed applications – UV laser printable – Product standard (EN 4611-005:2018)

HRN EN 4611-006:2018 en pr
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višežilni sklop – XLETFE porodica – Dio 006: Bakar prevučen srebrom – Radna temperatura između -65 °C i 150 °C – Dvostruki ekstrudirani zid za upotrebu na otvorenom – Za ispis UV laserskim pisačem – Norma za proizvod (EN 4611-006:2018)
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 006: Silver plated copper Operating temperatures, between -65 °C and 150 °C – Dual extruded wall for open applications – UV laser printable – Product standard (EN 4611-006:2018)

- HRN EN 4611-007:2018 en pr
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višežilni sklop – XLETFE porodica – Dio 007: Bakar prevučen niklom – Radna temperatura između -65 °C i 150 °C – Dvostruki ekstrudirani zid za upotrebu na otvorenom – Za ispis UV laserskim pisačem – Norma za proizvod (EN 4611-007:2018)
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 007: Nickel plated copper – Operating temperatures, between -65 °C and 150 °C – Dual extruded wall for open applications – UV laser printable – Product standard (EN 4611-007:2018)
- HRN EN 4708-102:2018 en pr
Zrakoplovstvo – Navlake koje se sužavaju prilikom izlaganja toplini za omotavanje, izolaciju i označavanje – 102. dio: Vrlo fleksibilni polimer – Radna temperatura -75 °C do 150 °C – Norma za proizvod (EN 4708-102:2018)
Aerospace series – Sleeving, heat-shrinkable, for binding, insulation and identification – Part 102: Very flexible polymer – Operating temperature -75 °C to 150 °C – Product standard (EN 4708-102:2018)
- HRN EN 4708-106:2018 en pr
Zrakoplovstvo – Navlake koje se sužavaju prilikom izlaganja toplini, za omotavanje, izolaciju i označavanje – 106. dio: Navlake s ograničenom opasnošću od vatre – Radna temperatura -30 °C do 150 °C – Norma za proizvod (EN 4708-106:2018)
Aerospace series – Sleeving, heat-shrinkable, for binding, insulation and identification – Part 106: Limited fire hazard sleeving – Operating temperature -30 °C to 150 °C – Product standard (EN 4708-106:2018)
- HRN EN 4710-01:2018 en pr
Zrakoplovstvo – Brzo otpuštajući spojni sustav za nekonstrukcijske primjene – Dio 01: Tehnička specifikacija (EN 4710-01:2018)
Aerospace series – Quick release fastening systems for non-structural applications – Part 01: Technical specification (EN 4710-01:2018)
- HRN EN 4710-03:2018 en pr
Zrakoplovstvo – Brzo otpuštajući spojni sustav za nekonstrukcijske primjene – Dio 03: Opužna stezaljka (EN 4710-03:2018)
Aerospace series – Quick release fastening systems for non-structural applications – Part 03: Spring clamp (EN 4710-03:2018)
- HRN EN 4839-001:2018 en pr
Zrakoplovstvo – Automatski osigurači za prekid električnog luka, trolpolni, temperaturno kompenzirani, nazivnih struja 3 A do 25 A – 115 V izmjenično, konstantne frekvencije 400 Hz – Dio 001: Tehničke specifikacije (EN 4839-001:2018)
Aerospace series – Arc fault circuit breakers, three-poles, temperature compensated, rated current 3 A to 25 A – 115 V a.c. 400 Hz constant frequency – Part 001: Technical specification (EN 4839-001:2018)
- HRN EN 4839-003:2018 en pr
Zrakoplovstvo – Automatski osigurači za prekid električnog luka, trolpolni, temperaturno kompenzirani, nazivnih struja 3 A do 25 A, 115/200 V izmjenično, konstantne frekvencije 400 Hz – Dio 003: Bez pomoćnih kontakata – Norma za proizvod (EN 4839-003:2018)
Aerospace series – Arc Fault Circuit breakers, three-pole, temperature compensated, rated currents 3 A to 25 A, 115/200 V a.c. 400 Hz constant frequency – Part 003: Without auxiliary contacts – Product standard (EN 4839-003:2018)
- HRN EN 9145:2018 en pr
Zrakoplovstvo – Zahtjevi za napredno planiranje kvalitete proizvoda i proces odobravanja dijelova proizvodnje (EN 9145:2018)
Aerospace series – Requirements for Advanced Product Quality Planning and Production Part Approval Process (EN 9145:2018)
- HRN EN 9146:2018 en pr
Zrakoplovstvo – Program prevencije štete od stranih predmeta – Zahtjevi za organizacije za zrakoplovstvo, svemirsku navigaciju i obranu (EN 9146:2018)
Aerospace series – Foreign Object Damage (FOD) Prevention Program – Requirements for Aviation, Space, and Defence Organizations (EN 9146:2018)

HZN/TU U1, Opća elektrotehnika 1

- HRN EN IEC 60404-13:2018 en pr
Magnetski materijali – 13. dio: Mjerne metode za otpor, gustoću i faktor električne čelične trake i lima (IEC 60404-13:2018; EN IEC 60404-13:2018)
Magnetic materials – Part 13: Methods of measurement of resistivity, density and stacking factor of electrical steel strip and sheet (IEC 60404-13:2018; EN IEC 60404-13:2018)
- HRN EN IEC 61788-25:2018 en pr
Supravodljivost – 25. dio: Mjerenje mehaničkih svojstava – Vlačno ispitivanje REBCO žica pri sobnoj temperaturi (IEC 61788-25:2018; EN IEC 61788-25:2018)
Superconductivity – Part 25: Mechanical properties measurement – Room temperature tensile test on REBCO wires (IEC 61788-25:2018; EN IEC 61788-25:2018)
- HRN EN IEC 61191-1:2018 en pr
Sklopovi na tiskanim pločicama – 1. dio: Opća specifikacija – Zahtjevi za zalemljene električne i elektronske sklopove kod kojih se upotrebljava površinska ugradnja i srodne tehnologije ugradnje (IEC 61191-1:2018; EN IEC 61191-1:2018)
Printed board assemblies – Part 1: Generic specification – Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies (IEC 61191-1:2018; EN IEC 61191-1:2018)
- HRN EN IEC 61340-6-1:2018 en pr
Elektrostatika – Dio 6-1: Kontrola elektrostatike u području zdravstva – Opći zahtjevi za objekte (IEC 61340-6-1:2018; EN IEC 61340-6-1:2018)
Electrostatics – Part 6-1: Electrostatic control for healthcare – General requirements for facilities (IEC 61340-6-1:2018; EN IEC 61340-6-1:2018)
- HRN EN IEC 61753-1:2018 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbene norme – 1. dio: Općenito i upute (IEC 61753-1:2018; EN IEC 61753-1:2018)
Fibre optic interconnecting devices and passive components – Performance standards – Part 1: General and guidance (IEC 61753-1:2018; EN IEC 61753-1:2018)
- HRN EN IEC 61757:2018 en pr
Svjetlovodni senzori – Opća specifikacija (IEC 61757:2018; EN IEC 61757:2018)
Fibre optic sensors – Generic specification (IEC 61757:2018; EN IEC 61757:2018)
- HRN EN IEC 62005-9-4:2018 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Pouzdanost – Dio 9-4: Kvalifikacija pasivnih optičkih komponenti za kategoriju okoliša C u primjenama s velikom snagom (IEC 62005-9-4:2018; EN IEC 62005-9-4:2018)
Fibre optic interconnecting devices and passive components – Reliability – Part 9-4: High power qualification of passive optical components for environmental category C (IEC 62005-9-4:2018; EN IEC 62005-9-4:2018)
- HRN EN IEC 62435-6:2018 en pr
Elektroničke komponente – Dugoročno skladištenje elektroničkih poluvodičkih uređaja – 6. dio: Pakirani ili gotovi uređaji (IEC 62435-6:2018; EN IEC 62435-6:2018)
Electronic components – Long-term storage of electronic semiconductor devices – Part 6: Packaged or finished devices (IEC 62435-6:2018; EN IEC 62435-6:2018)
- HRN EN 62446-1:2016/A1:2018 en pr
Fotonaponski (PV) sustavi – Zahtjevi za ispitivanje, dokumentaciju i održavanje – 1. dio: Sustavi priključeni na električnu mrežu – Dokumentacija, puštanje u pogon i pregled (IEC 62446-1:2016/am1:2018; EN 62446-1:2016/A1:2018)
Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 1: Grid connected systems – Documentation, commissioning tests and inspection (IEC 62446-1:2016/am1:2018; EN 62446-1:2016/A1:2018)

HZN/TU W1, Energetska elektrotehnika 1

- HRN EN 60675:2008/A2:2018 en pr
Kućanske sobne grijalice s izravnim grijanjem – Postupak mjerenja radnih značajka (IEC 60675:1994/am2:2018; EN 60675:1995/A2:2018)
Household electric direct-acting room heaters – Methods for measuring performance (IEC 60675:1994/am2:2018; EN 60675:1995/A2:2018)

HRN EN IEC 62862-3-2:2018 en pr
Solarne termoelektre – Dio 3-2: Sustavi i komponente – Opći zahtjevi i metode ispitivanja za velike parabolične kolektore (IEC 62862-3-2:2018; EN IEC 62862-3-2:2018)
Solar thermal electric plants – Part 3-2: Systems and components – General requirements and test methods for large-size parabolic-trough collectors (IEC 62862-3-2:2018; EN IEC 62862-3-2:2018)

HRN EN IEC 62885-5:2018 en pr
Uređaji za čišćenje površina – 5. dio: Visokotlačni i parni čistači za kućnu i komercijalnu primjenu – Metode za mjerenje radnih značajka (IEC 62885-5:2018; EN IEC 62885-5:2018)
Surface cleaning appliances – Part 5: High pressure cleaners and steam cleaners for household and commercial use – Methods for measuring performance (IEC 62885-5:2018; EN IEC 62885-5:2018)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacrt hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacrt hrvatske norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

Nacrti su hrvatskih norma zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 548, *Konstruktivski eurokodovi*

nHRN EN 1993-1-8:2014/NA:2014/A1 hr-en izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-8: Proračun priključaka – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-8: Design of joints – National Annex

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma.

Pisane primjedbe na prijedloge za prihvaćanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 8, *Brodogradnja*

prEN ISO 10240 en
Small craft – Owner's manual (ISO/DIS 10240:2018)
Mala plovila – Korisnički priručnik (ISO/DIS 10240:2018)

prEN ISO 11105 en
Small craft – Ventilation of petrol engine and/or petrol tank compartments (ISO/DIS 11105:2018)
Mala plovila – Ventilacija prostora za smještaj benzinskih motora i/ili benzinskih spremnika (ISO/DIS 11105:2018)

prEN ISO 14945 en
Small craft – Builder's plate (ISO/DIS 14945:2018)
Mala plovila – Tvornička pločica (ISO/DIS 14945:2018)

prEN ISO 14946 en
Small craft – Maximum load capacity (ISO/DIS 14946:2018)
Mala plovila – Najveća nosivost (ISO/DIS 14946:2018)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

prEN 12259-14 en
Fixed firefighting systems – Components for sprinkler and water spray systems – Part 14: Sprinklers for residential applications
Stabilni protupožarni sustavi – Dijelovi sustava za prskanje (sprinkler sustava) i sustava raspršene vode – 14. dio: Sprinkleri za stambene prostore

HZN/TO 28, *Naftni proizvodi i maziva*

prEN ISO 20846 en
Petroleum products – Determination of sulfur content of automotive fuels – Ultraviolet fluorescence method (ISO/DIS 20846:2018)
Naftni proizvodi – Određivanje količine sumpora u gorivima za motorna vozila – Metoda ultraljubičaste fluorescencije (ISO/DIS 20846:2018)

prEN ISO 20884 en
Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry (ISO/DIS 20884:2018)
Naftni proizvodi – Određivanje sadržaja sumpora u gorivima za motorna vozila – Valno disperzivna rendgenska fluorescentna spektrometrija (ISO/DIS 20884:2018)

HZN/TO 37, *Terminologija*

ISO/DIS 24622-2 en
Language resource management – Component metadata infrastructure (CMDI) – Part 2: The component metadata specific language
Upravljanje jezičnim resursima – Infrastruktura komponentijalnih metapodataka (CMDI) – 2. dio: Poseban jezik komponentijalnih metapodataka

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 2063-1 en
Thermal spraying – Zinc, aluminium and their alloys – Part 1: Design considerations and quality requirements for corrosion protection systems (ISO/DIS 2063-1:2018)
Toplinsko naštrcavanje – Cink, aluminij i njihove legure – 1. dio: Pitanja oblikovanja i zahtjevi za kvalitetu sustava zaštite od korozije (ISO/DIS 2063-1:2018)

prEN ISO 13919-1 en
Welding – Electron and laser-beam welded joints – Guidance on quality levels for imperfections – Part 1: Steel, nickel, titanium and their alloys (ISO/DIS 13919-1:2018)
Zavarivanje – Zavari izvedeni elektronskim snopom i laserom – Upute za razine kvalitete s obzirom na nepravilnosti – 1. dio: Čelik, nikel, titanij i njihove legure (ISO/DIS 13919-1:2018)

prEN ISO 15607 en
Specification and qualification of welding procedures for metallic materials – General rules (ISO/DIS 15607:2018)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Opća pravila (ISO/DIS 15607:2018)

prEN ISO 15609-2 en
Specification and qualification of welding procedures for metallic materials – Welding procedure specification – Part 2: Gas welding (ISO/DIS 15609-2:2018)
Specifikacija i odobravanje postupaka zavarivanja za metalne materijale – Specifikacija postupka zavarivanja – 2. dio: Plinsko zavarivanje (ISO/DIS 15609-2:2018)

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

ISO 15836-1:2017 en
Information and documentation – The Dublin Core metadata element set – Part 1: Core elements
Informacije i dokumentacija – Skup elemenata metapodataka Dublin Core – 1. dio: Osnovni elementi

ISO 28560-2:2018 en
Information and documentation – RFID in libraries – Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962
Informacije i dokumentacija – RFID u knjižnicama – 2. dio: Kodiranje RFID elemenata podataka na temelju pravila iz norme ISO/IEC 15962

HZN/TO 71, *Beton*

- prEN 12390-12 en
Testing hardened concrete – Part 12: Determination of the carbonation resistance of concrete – Accelerated carbonation method
Ispitivanje očvrtnuloga betona – 12. dio: Određivanje otpornosti betona na karbonatizaciju – Metoda ubrzane karbonatizacije
- prEN 12390-18 en
Testing hardened concrete – Part 18: Determination of the chloride migration coefficient
Ispitivanje očvrtnuloga betona – 18. dio: Određivanje koeficijenta migracije klorida

HZN/TO 74, *Cement i vapno*

- prEN 15368 en
Hydraulic binder for non-structural applications – Definition, specifications and conformity criteria
Hidraulično vezivo za nekonstrukcijske primjene – Definicija, specifikacije i kriteriji sukladnosti

HZN/TO 92, *Zaštita od požara*

- prEN 13238 en
Reaction to fire tests for building products – Conditioning procedures and general rules for selection of substrates
Ispitivanja reakcije na požar građevnih proizvoda – Postupci kondicioniranja i opća pravila za odabir podloga (substrata)
- prEN 13381-10 en
Test methods for determining the contribution to the fire resistance of structural members – Part 10: Applied protection to solid steel bars in tension
Metode ispitivanja za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 10. dio: Zaštita primijenjena na čelične vlačne šipke

HZN/TO 135, *Nerazorna ispitivanja*

- prEN ISO 15708-1 en
Non-destructive testing – Radiation methods for computed tomography – Part 1: Terminology (ISO 15708-1:2017)
Nerazorno ispitivanje – Metode zračenja za računalnu tomografiju – 1. dio: Nazivlje (ISO 15708-1:2017)
- prEN ISO 15708-2 en
Non-destructive testing – Radiation methods for Computed tomography – Part 2: Principles, equipment and samples (ISO 15708-2:2017)
Nerazorno ispitivanje – Metode zračenja za računalnu tomografiju – 2. dio: Načela, oprema i uzorci (ISO 15708-2:2017)
- prEN ISO 15708-3 en
Non-destructive testing – Radiation methods for computed tomography – Part 3: Operation and interpretation (ISO 15708-3:2017)
Nerazorno ispitivanje – Metode zračenja za računalnu tomografiju – 3. dio: Provedba i tumačenje (ISO 15708-3:2017)
- prEN ISO 15708-4 en
Non-destructive testing – Radiation methods for computed tomography – Part 4: Qualification (ISO 15708-4:2017)
Nerazorno ispitivanje – Metode zračenja za računalnu tomografiju – 4. dio: Kvalifikacija (ISO 15708-4:2017)
- prEN ISO 23243 en
Non-destructive testing – Terminology – Terms used in ultrasonic testing with phased arrays (ISO/DIS 23243:2018)
Nerazorno ispitivanje – Nazivlje – Nazivi koji se upotrebljavaju pri ultrazvučnom ispitivanju višepretvorničkom tehnikom (ISO/DIS 23243:2018)

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

- FprCEN ISO/TS 15874-7 en
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 7: Guidance for the assessment of conformity (ISO/PRF TS 15874-7:2018)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 7. dio: Upute za ocjenu sukladnosti (ISO/PRF TS 15874-7:2018)

- FprCEN ISO/TS 15875-7 en
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 7: Guidance for the assessment of conformity (ISO/PRF TS 15875-7:2018)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 7. dio: Upute za ocjenu sukladnosti (ISO/PRF TS 15875-7:2018)

- FprCEN ISO/TS 15876-7 en
Plastics piping systems for hot and cold water installations – Polybutylene (PB) – Part 7: Guidance for the assessment of conformity (ISO/PRF TS 15876-7:2018)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polibuten (PB) – 7. dio: Upute za ocjenu sukladnosti (ISO/PRF TS 15876-7:2018)

- FprCEN ISO/TS 15877-7 en
Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 7: Guidance for the assessment of conformity (ISO/PRF TS 15877-7:2018)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Klorirani poli(vinil-klorid) (PVC-C) – 7. dio: Upute za ocjenu sukladnosti (ISO/PRF TS 15877-7:2018)

- FprCEN ISO/TS 22391-7 en
Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 7: Guidance for the assessment of conformity (ISO/PRF TS 22391-7:2018)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polietileni postojani pri povišenoj temperaturi (PE-RT) – 7. dio: Upute za ocjenjivanje sukladnosti (ISO/PRF TS 22391-7:2018)

HZN/TO 147, *Kvaliteta vode*

- prEN ISO 21253-1 en
Water quality – Multi-compound class methods – Part 1: Criteria for the identification of target compounds by gas and liquid chromatography and mass spectrometry (ISO/DIS 21253-1:2018)
- prEN ISO 21253-2 en
Water quality – Multi-compound class methods – Part 2: Criteria for the quantitative determination of organic substances using a multi-compound class analytical method (ISO/DIS 21253-2:2018)

HZN/TO 165, *Drvene konstrukcije*

- prEN 16351 en
Timber structures – Cross laminated timber – Requirements
Drvene konstrukcije – Križno laminirano drvo – Zahtjevi

HZN/TO 172, *Optika i optički instrumenti*

- ISO 9211-1:2018 en
Optics and photonics – Optical coatings – Part 1: Vocabulary
Optika i fotonika – Optički slojevi – 1. dio: Terminološki rječnik

HZN/TO 182, *Geotehničke konstrukcije*

- prEN ISO 22475-1 en
Geotechnical investigation and testing – Sampling of soil, rock and groundwater – Part 1: Technical principles (ISO/DIS 22475-1:2018)
Geotehničko istraživanje i ispitivanje – Uzorkovanje tla, stijena i podzemnih voda – 1. dio: Tehnička načela (ISO/DIS 22475-1:2018)

HZN/TO 218, *Drvo*

- prEN 73 en
Wood preservatives – Accelerated ageing of treated wood prior to biological testing – Evaporative ageing procedure
Sredstva za zaštitu drva – Ubrzano starenje tretiranog drva prije ispitivanja biološkim agensima – Postupak starenja evaporacijom
- prEN 84 en
Wood preservatives – Accelerated ageing of treated wood prior to biological testing – Leaching procedure
Sredstva za zaštitu drva – Ubrzano starenje tretiranog drva prije biološkog testiranja – Postupak ispiranja

prEN 113-1 en
Durability of wood and wood-based products – Test method against wood destroying basidiomycetes – Part 1: Assessment of biocidal efficacy of wood preservatives

prEN 113-2 en
Durability of wood and wood-based products – Test method against wood destroying basidiomycetes – Part 2: Assessment of inherent or enhanced durability

prEN 1390 en
Wood preservatives – Determination of the eradicator action against *Hylotrupes bajulus* (Linnaeus) larvae – Laboratory method
Sredstva za zaštitu drva – Određivanje postupaka istrijebljenja *Hylotrupes bajulus* (Linnaeus) larve – Laboratorijska metoda

HZN/TO 221, Geosintetici

prEN 17323 en
Geosynthetics – Polymeric geosynthetic barriers – Determination of tensile properties
Geosintetici – Polimerne geosintetičke barijere – Određivanje vlačnih svojstava

HZN/TO 502, Plinski uređaji

prEN ISO 15112 en
Natural gas – Energy determination (ISO/DIS 15112:2018)
Prirodni plin – Određivanje ogrjevne vrijednosti (ISO/DIS 15112:2018)

prEN 16905-2 en
Gas-fired endothermic engine driven heat pumps – Part 2: Safety
Dizalice topline s plinskim endotermnim motorom – 2. dio: Sigurnost

HZN/TO 503, Metalni materijali

prEN ISO 3183 en
Petroleum and natural gas industries – Steel pipe for pipeline transportation systems (ISO/DIS 3183:2018)
Industrija nafte i zemnog plina – Čelične cijevi za cjevovodne transportne sustave (ISO/DIS 3183:2018)

prEN 12735-1 en
Copper and copper alloys – Seamless, round tubes for air conditioning and refrigeration – Part 1: Tubes for piping systems
Bakar i legure bakra – Bešavne okrugle cijevi za klimatizaciju i hlađenje – 1. dio: Cijevi za cjevovode

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 21968 en
Non-magnetic metallic coatings on metallic and non-metallic basis materials – Measurement of coating thickness – Phase-sensitive eddy-current method (ISO/DIS 21968:2018)
Nemagnetske metalne prevlake na metalnim i nemetalnim osnovnim materijalima – Mjerenje debljine prevlake – Metoda fazno osjetljivih vrtložnih struja (ISO/DIS 21968:2018)

prEN ISO 28763 en
Vitreous and porcelain enamels – Regenerative, enamelled and packed panels for air-gas and gas-gas heat exchangers – Specifications (ISO/DIS 28763:2018)
Staklasti i porculanski emajli – Obnovljive, emajlirane i pakirane obloge za zračno-plinske i plinsko-plinske izmjenjivače topline – Specifikacije (ISO/DIS 28763:2018)

HZN/TO 505, Prijenos i distribucija plina

prEN ISO 20257-1 en
Installation and equipment for liquefied natural gas – Design of floating LNG installations – Part 1: General requirements (ISO/DIS 20257-1:2018)
Instalacije i oprema za ukapljeni prirodni plin – Projektiranje plutajućih LNG instalacija – 1. dio: Opći zahtjevi (ISO/DIS 20257-1:2018)

prEN ISO 21593 en
Ship and marine technology – Technical requirements for liquefied natural gas bunkering dry-disconnect/connect coupling (ISO/DIS 21593:2018)

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

prEN ISO 6145-1 en
Gas analysis – Preparation of calibration gas mixtures using dynamic methods – Part 1: General aspects (ISO/DIS 6145-1:2018)
Analiza plina – Priprava plinskih smjesa za umjeravanje uporabom dinamičkih metoda – 1. dio: Opći aspekti (ISO/DIS 6145-1:2018)

prEN ISO 11960 en
Petroleum and natural gas industries – Steel pipes for use as casing or tubing for wells (ISO/DIS 11960:2018)
Industrija nafte i prirodnoga plina – Čelične cijevi za upotrebu u bušotinama u svrhu zaštitnih (casing) ili uzlaznih (tubing) cijevi (ISO/DIS 11960:2018)

prEN ISO 13679 en
Petroleum and natural gas industries – Procedures for testing casing and tubing connections (ISO/DIS 13679:2018)
Industrija nafte i prirodnoga plina – Postupci ispitivanja zaštitnih i proizvodnih cijevnih priključaka (ISO/DIS 13679:2018)

prEN ISO 20074 en
Petroleum and natural gas industry – Pipeline transportation systems – Geological hazards risk management for onshore pipeline (ISO/DIS 20074:2018)
Industrija nafte i prirodnoga plina – Cjevovodni transportni sustavi – Upravljanje rizikom od geoloških opasnosti za kopnene cjevovode (ISO/DIS 20074:2018)

HZN/TO 509, Cestovna oprema

prEN 1794-2 en
Road traffic noise reducing devices – Non-acoustic performance – Part 2: General safety and environmental requirements
Barijere za zaštitu od buke s cesta – Neakustična svojstva – 2. dio: Osnovni sigurnosni zahtjevi i zahtjevi za okoliš

prEN 13422 en
Vertical road signs – Portable deformable warning devices and delineators – Portable road traffic signs – Cones and cylinders
Vertikalna cestovna signalizacija – Prenosivi deformirajući upozoravajući uređaji i delineatori – Prenosivi prometni znakovi – Stošci i cilindri

HZN/TO 513, Mjerne jedinice i mjerila

ISO 1070:2018 en
Hydrometry – Slope-area method
Hidrometrija – Metoda pada vodnog lica

HZN/TO 518, Podovi, stropovi i zidne obloge

prEN 1569 en
Surfaces for sports areas – Determination of the behaviour under a rolling load
Površine sportskih terena – Određivanje ponašanja pod utjecajem opterećenja uslijed kotrljanja

prEN 17324 en
Surfaces for sports areas – Test method for the determination of the resistance to dynamic fatigue of shock pads and sports surfaces

prEN 17326 en
Surfaces for sports areas – Determination of dimensional stability of shock pads used within sports systems

HZN/TO 521, Usluge održavanja

prEN 15221-3 en
Facility Management – Part 3: Guidance on quality in Facility Management
Upravljanje objektima i sustavima podrške – 3. dio: Smjernice za kvalitetu u području upravljanja objektima i sustavima podrške

prEN 15221-4 en
Facility Management – Part 4: Taxonomy, Classification and Structures in Facility Management
Upravljanje objektima i sustavima podrške – 4. dio: Taksonomija, klasifikacija i strukture u području upravljanja objektima i sustavima podrške

prEN 15221-5 en
Facility Management – Part 5: Guidance on Facility Management processes
Upravljanje objektima i sustavima podrške – 5. dio: Smjernice za procese u području upravljanja objektima i sustavima podrške

prEN 15221-6 en
Facility Management – Part 6: Area and Space Measurement in Facility Management (prEN 15221-6)
Upravljanje objektima i sustavima podrške – 6. dio: Mjerenje površina i prostora u području upravljanja objektima i sustavima podrške

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

prEN 14803 en
Identification and/or determination of the quantity of waste
Utvrđivanje i/ili određivanje količine otpada

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

prEN 14509-1 en
Self-supporting double skin metal faced insulating panels – Factory made products – Specifications
Samonosivi izolacijski paneli obostrano obloženi limom – Tvornički izrađeni proizvodi – Specifikacije

HZN/TO 528, Oprema za željeznice

prEN 13715 en
Railway applications – Wheelsets and bogies – Wheels – Tread profile
Željeznički sustav – Osovinski sklopovi i okretna postolja – Kotači – Profil kotača

prEN 13848-2 en
Railway applications – Track – Track geometry quality – Part 2: Measuring systems – Track recording vehicles
Željeznički sustav – Željeznički gornji ustroj – Kvaliteta kolosiječne geometrije – 2. dio: Mjerni uređaji – Tračnička vozila za snimanje kolosiječne geometrije

prEN 15612 en
Railway applications – Braking – Brake pipe accelerator valve
Željeznički sustav – Kočenje – Ubrzivač pražnjenja cjevovoda kočnice

EN 16185-2:2014/prA1 en
Railway applications – Braking systems of multiple unit trains – Part 2: Test methods
Željeznički sustav – Kočni sustavi višedijelnih vlakova – 2. dio: Metode ispitivanja

EN 16207:2014/prA1 en
Railway applications – Braking – Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock
Željeznički sustav – Kočenje – Funkcionalni i izvedbeni kriteriji za elektromagnetske tračničke kočnice na željezničkim vozilima

prEN 45545-2 en
Railway applications – Fire protection on railway vehicles – Part 2: Requirements for fire behavior of materials and components
Željeznički sustav – Zaštita od požara na željezničkim vozilima – 2. dio: Zahtjevi za ponašanje materijala i komponenti u požaru

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

prEN 12385-3 en
Steel wire ropes – Safety – Part 3: Information for use and maintenance
Čelična užad – Sigurnost – 3. dio: Upute za uporabu i održavanje

prEN 12385-5 en
Steel wire ropes – Safety – Part 5: Stranded ropes for lifts
Čelična užad – Sigurnost – 5. dio: Pramenasta užad za dizala

prEN 13411-7 en
Terminations for steel wire ropes – Safety – Part 7: Symmetric wedge socket
Završetci čeličnih užadi – Sigurnost – 7. dio: Simetrična uška s klinom

HZN/TO 531, Plastika i guma

FprEN ISO 2818 en
Plastics – Preparation of test specimens by machining (ISO/FDIS 2818:2018)
Plastika – Priprema ispitaka mehaničkim odvajanjem (ISO/FDIS 2818:2018)

EN 13206:2017/prA1 en
Plastics – Thermoplastic covering films for use in agriculture and horticulture
Plastika – Plastomerni pokrivni filmovi za uporabu u poljoprivredi i vrtlarstvu

FprCEN ISO/TR 18486 en
Plastics – Parameters comparing the spectral irradiance of a laboratory light source for weathering applications to a reference solar spectral irradiance (ISO/DTR 18486:2018)
Plastika – Usporedni parametri spektralnog zračenja laboratorijskog izvora svjetla za primjene starenja prema Sunčevom spektralnom zračenju (ISO/DTR 18486:2018)

prEN ISO 20558-1 en
Plastics – Poly(phenylene sulfide) (PPS) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 20558-1:2018)

prEN ISO 20558-2 en
Plastics – Poly(phenylene sulfide) (PPS) moulding and extrusion materials – Part 2: Preparation of test specimen and determination of properties (ISO 20558-2:2018)

HZN/TO 532, Dimnjaci

EN 13384-1:2015/prA1 en
Chimneys – Thermal and fluid dynamic calculation methods – Part 1: Chimneys serving one heating appliance
Dimnjaci – Metode toplinskog proračuna i proračuna dinamike fluida – 1. dio: Dimnjaci s jednim uređajem za loženje

EN 13384-2:2015/prA1 en
Chimneys – Thermal and fluid dynamic calculation methods – Part 2: Chimneys serving more than one heating appliance
Dimnjaci – Metode toplinskog proračuna i proračuna dinamike fluida – 2. dio: Dimnjaci s više uređaja za loženje

prEN 16475-4 en
Chimneys – Accessories – Part 4: Flue dampers – Requirements and test methods
Dimnjaci – Pribor – 4. dio: Dimnovodne zaklopke – Zahtjevi i metode ispitivanja

EN 16475-7:2016/prA1 en
Chimneys – Accessories – Part 7: Rain caps – Requirements and test methods
Dimnjaci – Pribor – 7. dio: Kišne kape – Zahtjevi i metode ispitivanja

HZN/TO 534, Spremnici za teret

prEN 13012 en
Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers
Benzinske stanice za punjenje – Konstrukcija i izvedba automatskih sapnica za upotrebu na uređajima za istakanje goriva

prEN 13341 en
Static thermoplastic tanks for above ground storage of fuel – Product characteristics and test methods

prEN 13617-1 en
Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units
Benzinske stanice za punjenje – 1. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu mjernih pumpi, mjernih uređaja za istakanje goriva i daljinski upravljanih pumpnih jedinica

prEN 13617-2 en
Petrol filling stations – Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers
Benzinske stanice za punjenje – 2. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu sigurnosne opreme protiv proljevanja za upotrebu na mjernim pumpama i mjernim uređajima za istakanje

prEN 13617-3 en
Petrol filling stations – Part 3: Safety requirements for construction and performance of shear valves
Benzinske stanice za punjenje – 3. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu razdjelnih ventila

prEN 13617-4 en
Petrol filling stations – Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers
Benzinske stanice za punjenje – 4. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu zakretnih zglobova za upotrebu na mjernim pumpama i mjernim uređajima za istakanje

prEN 17321 en
Intermodal loading units and commercial vehicles – Transport stability of packages – Minimum requirements and tests

prEN ISO 23208 en
Cryogenic vessels – Cleanliness for cryogenic service (ISO 23208:2017)

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

prEN 17291 en
Fans – Procedures and methods to determine and evaluate the energy efficiency of non-residential unidirectional ventilation units
Ventilatori – Postupci i metode za određivanje i procjenu energetske učinkovitosti jednosmjernih ventilacijskih jedinica za nestambene zgrade

HZN/TO 554, Obrada otpadnih voda

prEN 12566-1 en
Small wastewater treatment systems for up to 50 PT – Part 1: Prefabricated septic tanks
Mali uređaji za obradu otpadnih voda, za opterećenje do 50 ES – 1. dio: Tvornički izradene septičke jame

prEN 12566-3 en
Small wastewater treatment systems for up to 50 PT – Part 3: Packaged and/or site assembled domestic wastewater treatment plants
Mali uređaji za obradu otpadnih voda, za opterećenje do 50 ES – 3. dio: Tvornički izrađen i/ili na objektu sastavljen uređaj za obradu sanitarnih otpadnih voda

prEN 12566-6 en
Small wastewater treatment systems for up to 50 PT – Part 6: Prefabricated treatment units for septic tank effluent
Mali uređaji za obradu otpadnih voda, za opterećenje do 50 ES – 6. dio: Predgotovljene jedinice za obradu efluenta septičke jame

prEN 12566-7 en
Small wastewater treatment systems for up to 50 PT – Part 7: Prefabricated tertiary treatment units
Mali uređaji za obradu otpadnih voda, za opterećenje do 50 ES – 7. dio: Predgotovljene jedinice za tercijalnu obradu

HZN/TO 555, Medicinski proizvodi

prEN ISO 18362 en
Manufacture of cell-based health care products – Control of microbial risks during processing (ISO 18362:2016)
Proizvodnja proizvoda na bazi stanica za zdravstvenu skrb – Kontrola rizika od mikroba tijekom postupka (ISO 18362:2016)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

EN ISO 16135:2006/prA1 en
Industrial valves – Ball valves of thermoplastics materials (ISO 16135:2006/DAmD 1:2018)
Industrijski zaporni uređaji – Kuglaste slavine od termoplastičnih materijala (ISO 16135:2006/DAmD 1:2018)

EN ISO 16136:2006/prA1 en
Industrial valves – Butterfly valves of thermoplastics materials (ISO 16136:2006/DAmD 1:2018)
Industrijski zaporni uređaji – Leptiraste zaklopke od termoplastičnih materijala (ISO 16136:2006/DAmD 1:2018)

EN ISO 16137:2006/prA1 en
Industrial valves – Check valves of thermoplastics materials (ISO 16137:2006/DAmD 1:2018)
Industrijski zaporni uređaji – Protupovratni zaporni uređaji od termoplastičnih materijala (ISO 16137:2006/DAmD 1:2018)

EN ISO 16138:2006/prA1 en
Industrial valves – Diaphragm valves of thermoplastics materials (ISO 16138:2006/DAmD 1:2018)
Industrijski zaporni uređaji – Membranski zaporni uređaji od termoplastičnih materijala (ISO 16138:2006/DAmD 1:2018)

EN ISO 16139:2006/prA1 en
Industrial valves – Gate valves of thermoplastics materials (ISO 16139:2006/DAmD 1:2018)
Industrijski zaporni uređaji – Zasuni od termoplastičnih materijala (ISO 16139:2006/DAmD 1:2018)

EN ISO 21787:2006/prA1 en
Industrial valves – Globe valves of thermoplastics materials (ISO 21787:2006/DAmD 1:2018)
Industrijski zaporni uređaji – Ventili od termoplastičnih materijala (ISO 21787:2006/DAmD 1:2018)

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

EN ISO 10462:2013/prA1 en
Gas cylinders – Acetylene cylinders – Periodic inspection and maintenance (ISO 10462:2013/DAmD 1:2018)
Plinske boce – Boce za acetylen – Periodični pregled i održavanje (ISO 10462:2013/DAmD 1:2018)

EN 13445-8:2014/prA2 en
Unfired pressure vessels – Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys
Neložene tlačne posude – 8. dio: Dodatni zahtjevi za tlačne posude od aluminija i aluminijevih legura

EN 13480-4:2017/prA1 en
Metallic industrial piping – Part 4: Fabrication and installation
Metalni industrijski cjevovodi – 4. dio: Izrada i ugradnja

prEN 13480-9 en
Metallic industrial piping – Part 9: Additional requirements for nickel and nickel alloys piping
Metalni industrijski cjevovodi – 9. dio: Dodatni zahtjevi za cjevovode od nikla i legura nikla

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

ISO/FDIS 20739 en
Martial arts – Wushu Taiji clothing – Requirements and test method
Borilačke vještine – Odjeća za Wushu Taiji – Zahtjevi i metode ispitivanja

ISO 21924-1:2017 en
Protective equipment for martial arts – Part 1: General requirements and test methods
Zaštitna oprema za borilačke vještine – 1. dio: Opći zahtjevi i metode ispitivanja

ISO 21924-2:2017 en
Protective equipment for martial arts – Part 2: Additional requirements and test methods for instep protectors, shin protectors and forearm protectors
Zaštitna oprema za borilačke vještine – 2. dio: Dodatni zahtjevi i metode ispitivanja za štitnike gornjeg dijela stopala, potkoljenice i nadlaktica

ISO 21924-3:2017 en
Protective equipment for martial arts – Part 3: Additional requirements and test methods for trunk protectors
Zaštitna oprema za borilačke vještine – 3. dio: Dodatni zahtjevi i metode ispitivanja za štitnike trupa

ISO 21924-4:2017 en
Protective equipment for martial arts – Part 4: Additional requirements and test methods for head protectors
Zaštitna oprema za borilačke vještine – 4. dio: Dodatni zahtjevi i metode ispitivanja za štitnike glave

ISO 21924-5:2017 en
Protective equipment for martial arts – Part 5: Additional requirements and test methods for genital protectors and abdominal protectors
Zaštitna oprema za borilačke vještine – 5. dio: Dodatni zahtjevi i metode ispitivanja za štitnike genitalija i unutarnjih organa

ISO 21924-6:2017 en
Protective equipment for martial arts – Part 6: Additional requirements and test methods for breast protectors for females
Zaštitna oprema za borilačke vještine – 6. dio: Dodatni zahtjevi i metode ispitivanja za štitnike prsa (žene)

ISO 21924-7:2017 en
Protective equipment for martial arts – Part 7: Additional requirements and test methods for hand and foot protectors
Zaštitna oprema za borilačke vještine – 7. dio: Dodatni zahtjevi i metode ispitivanja za štitnike ruku i stopala

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

prEN 17322 en
Environmental Solid Matrices – Determination of polychlorinated biphenyls (PCB) by gas chromatography - mass selective detection (GC-MS) or electron-capture detection (GC-ECD)

HZN/TO E9, Električna oprema za željeznicu

prEN IEC 60077-3:2018 en
Railway applications – Electric equipment for rolling stock – Part 3: Electrotechnical components – Rules for d.c. circuit-breakers (IEC 60077-3:201X)
Željeznički sustav – Električna oprema za željeznička vozila – 3. dio: Elektrotehničke komponente – Pravila za prekidače istosmjernje struje (IEC 60077-3:201X)

prEN IEC 60077-4:2018 en
Railway applications – Electric equipment for rolling stock – Part 4: Electrotechnical components – Rules for AC circuit-breakers (IEC 60077-4:201X)
Željeznički sustav – Električna oprema za željeznička vozila – 4. dio: Elektrotehničke komponente – Pravila za izmjenične prekidače (IEC 60077-4:201X)

prEN IEC 60077-5:2018 en
Railway applications – Electric equipment for rolling stock – Part 5: Electrotechnical components – Rules for HV fuses (IEC 60077-5:201X)
Željeznički sustav – Elektrotehnička oprema za željeznička vozila – 5. dio: Elektrotehničke komponente – Pravila za visokonaponske osigurače (IEC 60077-5:201X)

HZN/TO E23, Električni instalacijski pribor

prEN IEC 60670-1 en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 1: General requirements (IEC 60670-1:2015)
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 1. dio: Opći zahtjevi (IEC 60670-1:2015)

prEN IEC 60670-1:2018/prA11:2018 en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 1: General requirements
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 1. dio: Opći zahtjevi

EN 61995-1:2008/prAA:2018 en
Devices for the connection of luminaires for household and similar purposes – Part 1: General requirements
Naprave za priključak svjetiljki za kućanstvo i slične svrhe – 1. dio: Opći zahtjevi

HZN/TO E37, Odvodnici prenapona

prEN 61643-341:2018 en
Components for low-voltage surge protection – Part 341: Performance requirements and test circuits for thyristor surge suppressors (TSS) (IEC 61643-341:201X)
Sastavnice prenaponskih zaštitnih naprava za niski napon – 341. dio: Specifikacija za tiristorske prenaponske prigušivače (TSS) (IEC 61643-341:201X)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

EN 61850-7-1:2011/prA1:2018 en
Communication networks and systems for power utility automation – Part 7-1: Basic communication structure – Principles and models (IEC 61850-7-1:2011/am1:201X)
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 7-1: Osnovna komunikacijska struktura – Načela i modeli (IEC 61850-7-1:2011/am1:201X)

prEN IEC 61968-1:2018 en
Application integration at electric utilities – System interfaces for distribution management – Part 1: Interface architecture and general recommendations (IEC 61968-1:201X)
Integracija aplikacija u elektroprivredi – Sučelja za sustave upravljanja u distribuciji – 1. dio: Arhitektura sučelja i opći zahtjevi (IEC 61968-1:201X)

prEN IEC 62351-6:2018 en
Power systems management and associated information exchange – Data and communications security – Part 6: Security for IEC 61850 (IEC 62351-6:201X)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

EN 60335-1:2012/prAC:2018 en
Household and similar electrical appliances – Safety – Part 1: General requirements
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi

HZN/TO E62, Električna oprema u medicinskoj praksi

EN 62366-1:2015/prA1:2018 en
Medical devices – Part 1: Application of usability engineering to medical devices (IEC 62366-1:2015/am1:201X)
Medicinski uređaji – 1. dio: Primjena prikladnog oblikovanja i konstrukcije medicinskih uređaja (IEC 62366-1:2015/am1:201X)

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

HD 60364-7-702:2010/prAA:2018 en
Low-voltage electrical installations – Part 7-702: Requirements for special installations or locations – Swimming pools and fountains
Niskonaponske električne instalacije – Dio 7-702: Zahtjevi za posebne instalacije ili prostore – Bazeni za plivanje i vodoskoci

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

prEN IEC 62769-101-1:2018 en
Field device Integration (FDI) – Part 101-1: Profiles – Foundation Fieldbus H1 (IEC 62769-101-1:201X)
Integracija uređaja u postrojenju (FDI) – Profili – Dio 101-1: Osnivanje Fieldbus H1 (IEC 62769-101-1:201X)

prEN IEC 62769-101-2:2018 en
Field Device Integration (FDI) – Part 101-2: Profiles – Foundation Fieldbus HSE (IEC 62769-101-2:201X)
Integracija uređaja u postrojenju (FDI) – Profili – Dio 101-2: Osnivanje Fieldbus HSE (IEC 62769-101-2:201X)

prEN IEC 62769-103-1:2018 en
Field Device Integration (FDI) – Part 103-1: Profiles – PROFIBUS (IEC 62769-103-1:201X)
Integracija uređaja u postrojenju (FDI) – Profili – Dio 103-1: PROFIBUS (IEC 62769-103-1:201X)

prEN IEC 62769-103-4:2018 en
Field Device Integration (FDI) – Part 103-4: Profiles – PROFINET (IEC 62769-103-4:201X)
Integracija uređaja u postrojenju (FDI) – Dio 103-4: Profili – PROFIBUS (IEC 62769-103-4:201X)

prEN IEC 62769-109-1:2018 en
Field Devices Integration (FDI) – Part 109-1: Profiles – HART® and WirelessHART® (IEC 62769-109-1:201X)
Integracija uređaja u postrojenju (FDI) – Dio 109-1: HART® i WirelessHART® (IEC 62769-109-1:201X)

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

prEN 50083-2-4 en
Cable networks for television signals, sound signals and interactive service – Part 2-4: LTE (4G) Interference Mitigation Filters operating in the 700 MHz and 800 MHz bands

prEN IEC 62942:2018 en
File format for professional transfer and exchange of digital audio data (TA6) (IEC 62942:201X)

prEN IEC 63033-3:2018 en
Car multimedia systems and equipment – Drive monitor system – Part 3: Measurement methods (TA 17) (IEC 63033-3:201X)

HZN/TO E502, *Elektrotehnički aspekti telekomunikacijske opreme*

prEN 50697 en
Information technology – Measurement of end-to-end (E2E) links

HZN/TO T4, *Normizacija u telekomunikacijama*

Draft EN 300 698 V2.3.0:2018 en
Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways – Harmonised Standard for access to radio spectrum and for features for emergency services
Radiotelefonski odašiljači i prijmnici za pomorsku pokretnu službu koja radi u VHF pojasima, namijenjeni za kopnene vodene puteve – Harmonizirana norma za pristup radijskom spektru i za svojstva hitnih službi

Draft EN 300 700 V2.2.0:2018 en
Digital Enhanced Cordless Telecommunications (DECT) – Wireless Relay Station (WRS)
Digitalne unapređene bežične telekomunikacije (DECT) – Bežična relejna stanica (WRS)

Draft EN 302 637-2 V1.4.0:2018 en
Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Part 2: Specification of Cooperative Awareness Basic Service
Inteligentni transportni sustavi (ITS) – Komunikacije među vozilima – Osnovni skup primjena – 2. dio: Specifikacija bazične usluge suradničkog osvjješćivanja

Draft EN 302 637-3 V1.3.0:2018 en
Intelligent Transport Systems (ITS); Vehicular Communications – Basic Set of Applications – Part 3: Specifications of Decentralized Environmental Notification Basic Service
Inteligentni transportni sustavi (ITS) – Komunikacije među vozilima – Osnovni skup primjena – 3. dio: Specifikacije decentralizirane bazične usluge obavješćivanja o okolišu

Draft EN 303 345-1 V1.1.0:2018 en
Broadcast Sound Receivers – Part 1: Generic requirements and measuring methods
Radiodifuzni audio prijmnici – 1. dio: Generički zahtjevi i metode mjerenja

Draft EN 303 471 V1.0.0:2018 en
Environmental Engineering (EE) – Energy Efficiency measurement methodology and metrics for Network Function Virtualisation (NFV)
Ekoinženjering (EE) – Metodologija mjerenja energetske učinkovitosti i metrika za virtualizaciju mrežne funkcije (NFV)

Draft EN 319 522-4-1 V1.1.2:2018 en
Electronic Signatures and Infrastructures (ESI) – Electronic Registered Delivery Services – Part 4: Bindings – Sub-part 1: Message delivery bindings
Elektronički potpisi i infrastrukture (ESI) – Usluge isporuke elektronički registriranih poruka – 4. dio: Povezivanja – 1. poddio: Povezivanja isporučene poruke

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

prEN 17317 en
Resilient, textile, laminate and modular mechanical locked floor coverings – Light reflectance value (LRV) of a flooring surface

HZN/TU I2, *Strojarstvo 2*

prEN ISO 7096 en
Earth-moving machinery – Laboratory evaluation of operator seat vibration (ISO/DIS 7096:2018)
Strojevi za zemljane radove – Laboratorijska procjena vibracija sjedala rukovatelja (ISO/DIS 7096:2018)

prEN 12418 en
Masonry and stone cutting-off machines for job site – Safety
Strojevi za rezanje kamena i elemenata za zidanje na gradilištu – Sigurnost

prEN 13862 en
Floor cutting-off machines – Safety
Strojevi za rezanje podova – Sigurnost

HZN/TU M1, *Metalni materijali 1*

prEN ISO 9202 en
Jewellery and precious metals – Fineness of precious metal alloys (ISO/DIS 9202:2018)
Nakit i plemeniti metali – Finoća legura plemenitih metala (ISO/DIS 9202:2018)

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

FprEN 2320 en
Aerospace series – Aluminium alloy 2024-T4 – Drawn bar – a ≤ 75 mm

FprEN 2816 en
Aerospace series – Steel FE-PM1802 (X5CrNiCu15-5) – Consumable electrode remelted – Solution treated and precipitation treated – Forgings – a or D ≤ 200 mm – Rm ≥ 965 MPa

FprEN 2951 en
Aerospace series – Metallic materials – Test method – Micrographic determination of content of non-metallic inclusions

FprEN 2957 en
Aerospace series – Method of preparation of forged samples

FprEN 2959 en
Aerospace series – Heat resisting alloy NI-PH1302 (NiCr20Co13Mo4Ti3Al) – Solution treated and cold worked – Bar for forged fasteners – 3 mm ≤ D ≤ 30 mm

FprEN 3001 en
Aerospace series – Tempered float glass plies for aircraft applications – Technical specification

FprEN 3018 en
Aerospace series – Heat resisting alloy NI-PH2801 (NiCr16Fe7Ti3Nb1Al1) – Consumable electrode remelted – Cold drawn wire for the manufacture of thread inserts – D ≤ 3 mm

FprEN 3155-078 en
Aerospace series – Electrical contacts used in elements of connection – Part 078: Contacts size 22 for EN 2997, electrical, male, type A, crimp, class S – Product standard
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – Dio 078: Kontakti veličine 22 za normu EN 2997, električni, muški, tip A, za krimpanje, razreda S – Norma za proizvod

FprEN 3219 en
Aerospace series – Heat resisting nickel base alloy (Ni-P100HT) – Cold worked and softened – Bar and wire for continuous forging or extrusion for fasteners – 3 mm ≤ D ≤ 30 mm

FprEN 3358 en
Aerospace series – Steel FE-PM1503 (X3CrNiMoAl 13-8-2) – Vacuum induction melted and consumable electrode remelted – Solution treated and precipitation treated – Bar for machining – a or D ≤ 150 mm – Rm ≥ 1 400 MPa

FprEN 3371 en
Aerospace series – Electrical bonding – Technical specification

FprEN 3378 en
Aerospace series – Titanium TI-P99002 – Annealed – Wire for rivet – 1; 6 mm ≤ D ≤ 10 mm

FprEN 3468 en
Steel FE-PA13 – Softened – 500

FprEN 3470 en
Aerospace series – Steel FE-PM1503 (X3CrNiMoAl13-8-2) – Vacuum induction melted and consumable electrode remelted – Solution treated and precipitation treated – Forgings – a or D ≤ 150 mm – 1 200 MPa ≤ Rm ≤ 1 400 MPa

FprEN 3475-418 en
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 418: Thermal endurance for conductors
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 418. dio: Toplinska izdržljivost vodiča

FprEN 4604-001 en
Aerospace series – Cable, electrical, for signal transmission – Part 001: Technical specification
Zrakoplovstvo – Kabel, električni, za prijenos signala – 001. dio: Tehnička specifikacija

FprEN 4608-001 en
Aerospace series – Cable, electrical, fire resistant – Single and twisted multicore assembly, screened (braided) and jacketed – Operating temperatures between - 65 °C and 260 °C – Part 001: Technical specification
Zrakoplovstvo – Kabel, električni, otporan na vatru – Jednostruka i višestruka upletena jezgra, oklopljeni (opleteni) i obloženi – Radna temperatura između - 65 °C i 260 °C – 001. dio: Tehnička specifikacija

FprEN 4708-105 en
Aerospace series – Sleeving; heat-shrinkable, for binding, insulation and identification – Part 105: Semi-flexible polyvinylidene fluoride (PDVF) – Temperature range - 55 °C and 150 °C – Product Standard

FprEN 4840-002 en
Aerospace series – Heat shrinkable moulded shapes – Part 002: Index of product standards and product dimensions

FprEN 6059-305 en
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 305: Fluid absorption

prEN 6069 en
Aerospace series – Rivet, 100° reduced flush head, close tolerance – Inch series
Zrakoplovstvo – Zakovica, 100° skraćene ravne glave, s posebnom tolerancijom – Nizovi u inčima

prEN 6080 en
Aerospace series – Rivet, 100° normal flush head, close tolerance – Inch series
Zrakoplovstvo – Zakovica, 100° normalne ravne glave, uske tolerancije – Nizovi u inčima

prEN 6081 en
Aerospace series – Rivet, universal head, close tolerance – Inch series
Zrakoplovstvo – Zakovica, univerzalne glave, uske tolerancije – Nizovi u inčima

prEN 6101 en
Aerospace series – Rivet, 100° medium flush head, close tolerance – Inch series
Zrakoplovstvo – Zakovica, 100° srednje ravne glave, uske tolerancije – Nizovi u inčima

prEN 12312-7 en
Aircraft ground support equipment – Specific requirements – Part 7: Aircraft movement equipment
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 7. dio: Oprema za pomicanje zrakoplova

prEN 16604-10 en
Space sustainability – Space debris mitigation requirements (ISO 24113:2011, MOD)
Održivost u svemiru – Zahtjevi za smanjivanje otpada u Zemljinjnoj orbiti (ISO 24113:2011, MOD)

prEN 17314 en
Industrial trucks – Specifications and test methods – Operator restraint systems other than lap-type seat belts

HZN/TU V1, *Elektronika 1*

prEN 50411-2-4:2018 en
Fibre management systems and protective housings to be used in optical fibre communication systems – Product specifications – Part 2-4: Sealed dome fibre splice closures for category S & A

prEN 50411-3-3:2018 en
Fibre management systems and protective housings to be used in optical fibre communication systems – Product specifications – Part 3-3: Singlemode optical fibre fusion splice protectors

FprEN 50551-1:2018 en
Simplex and duplex cables for use in terminated cable assemblies – Part 1: Blank Detail Specification and minimum requirements

prEN IEC 60512-11-1:2018 en
Electromechanical components for electronic equipment – Basic testing procedures and measuring methods – Part 11: Climatic tests – Section 1: Test 11a – Climatic sequence (IEC 60512-11-1:201X)

prEN IEC 62788-5-1:2018 en
Measurement procedures for materials used in photovoltaic modules – Part 5-1: Edge seals – Suggested test methods for use with edge seal materials (IEC 62788-5-1:201X)

prEN IEC 62788-6-2:2018 en
Measurement procedures for materials used in photovoltaic modules – Part 6-2: General tests – Moisture permeation testing with polymeric materials (IEC 62788-6-2:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

prEN 45552 en
General method for the assessment of the durability of energy-related products

prEN 45553 en
General method for the assessment of the ability to remanufacture energy-related products

prEN 45554 en
General methods for the assessment of the ability to repair, reuse and upgrade energy-related products

prEN IEC 60282-1:2018 en
High-voltage fuses – Part 1: Current-limiting fuses (IEC 60282-1:201X)
Visokonaponski osigurači – 1. dio: Osigurači za ograničavanje struje (IEC 60282-1:201X)

prEN IEC 60282-4:2018 en
Additional testing requirements for high-voltage expulsion fuses utilizing polymeric insulators (IEC 60282-4:201X)

EN 60644:2009/prA1:2018 en
Specification for high-voltage fuse-links for motor circuit applications (IEC 60644:2009/am1:201X)
Specifikacija za visokonaponske rastalne uloške za primjene u krugu motora (IEC 60644:2009/am1:201X)

1.4 *Povučene hrvatske norme*

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

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

HZN/TO 6, *Papir, karton i pulpe*

HRN EN 1104:2008 en
Papir i karton koji dolaze u kontakt s prehrambenim proizvodima – Određivanje prijenosa antimikrobnih sastojaka (EN 1104:2005)
Paper and board intended to come into contact with foodstuffs – Determination of the transfer of antimicrobial constituents (EN 1104:2005)
- zamijenjena s: HRN EN 1104:2018

HZN/TO 8, *Brodogradnja*

HRN EN ISO 12215-1:2004 en
Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 1. dio: Materijali: Toplinski očvrstive smole, pojačanja od staklenih vlakana, referencijski laminat (ISO 12215-1:2000; EN ISO 12215-1:2000)
Small craft – Hull construction and scantlings – Part 1: Materials: Thermosetting resins, glass-fibre reinforcement, reference laminate (ISO 12215-1:2000; EN ISO 12215-1:2000)
- zamijenjena s: HRN EN ISO 12215-1:2018

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRS CEN/TS 54-14:2014 en
Sustavi za otkrivanje i dojavu požara – 14. dio: Smjernice za planiranje, projektiranje, ugradnju, preuzimanje, upotrebu i održavanje (CEN/TS 54-14:2004)
Fire detection and fire alarm systems – Part 14: Guidelines for planning, design, installation, commissioning, use and maintenance (CEN/TS 54-14:2004)
- zamijenjena s: HRS CEN/TS 54-14:2018

HRN EN 13565-2:2009 en
Stabilni protupožarni sustavi – Sustavi s pjenom – 2. dio:
Projekiranje, izvedba i održavanje (EN 13565-2:2009)
Fixed firefighting systems – Foam systems – Part 2: Design,
construction and maintenance (EN 13565-2:2009)
- zamijenjena s: HRN EN 13565-2:2018

HZN/TO 120, Koža i obuća

HRN EN 12826:2008 en
Obuća – Metode ispitivanja za podstavu i tabanice – Statičko
trenje (EN 12826:2000+AC:2002)
Footwear – Test methods for lining and insoles – Static friction
(EN 12826:2000+AC:2002)
- zamijenjena s: HRN EN ISO 22653:2018

HRN EN 12958:2008 en
Obuća – Ispitne metode za zglobovne – Otpornost na zamor
materijala (EN 12958:2000+A1:2004)
Footwear – Test methods for joints – Fatigue resistance
(EN 12958:2000+A1:2004)
- zamijenjena s: HRN EN ISO 18895:2018

HRN EN 13400:2008 en
Obuća – Mjesto uzorkovanja, priprema i trajanje kondicioniranja
uzoraka i ispitnih komada (EN 13400:2001+AC:2003)
Footwear – Sampling location, preparation and
duration of conditioning of samples and test pieces
(EN 13400:2001+AC:2003)
- zamijenjena s: HRN EN ISO 17709:2018

HRN EN 13518:2008 en
Obuća – Metode ispitivanja gornjišta – Otpornost na vodu
(EN 13518:2001+A1:2005)
Footwear – Test methods for uppers – Water resistance
(EN 13518:2001+A1:2005)
- zamijenjena s: HRN EN ISO 17702:2018

HRN EN 13519:2008 en
Obuća – Metode ispitivanja gornjišta – Ponašanje pri povišenoj
temperaturi (EN 13519:2001)
Footwear – Test methods for uppers – High temperature
behaviour (EN 13519:2001)
- zamijenjena s: HRN EN ISO 17703:2018

HRN EN 13521:2008 en
Obuća – Metode ispitivanja gornjišta, podstave i uložnih
tabanica – Toplinska izolacija (EN 13521:2001)
Footwear – Test methods for uppers, lining and insoles
– Thermal insulation (EN 13521:2001)
- zamijenjena s: HRN EN ISO 17705:2018

HRN EN 13522:2008 en
Obuća – Metode ispitivanja gornjišta – Vlačna čvrstoća i
istezanje kod prekida (EN 13522:2001)
Footwear – Test methods for uppers – Tensile strength and
elongation (EN 13522:2001)
- zamijenjena s: HRN EN ISO 17706:2018

HRN EN 13571:2008 en
Obuća – Metode ispitivanja gornjišta, podstave i uložnih
tabanica – Sila kidanja (EN 13571:2001+AC:2003)
Footwear – Test methods for uppers, lining and insoles – Tear
strength (EN 13571:2001+AC:2003)
- zamijenjena s: HRN EN ISO 17696:2018

HZN/TO 135, Nerazorna ispitivanja

HRN EN 12679:2000 en
Nerazorno ispitivanje – Određivanje veličine izvora
zračenja u industrijskoj radiografiji – Radiografska metoda
(EN 12679:1999)
Non-destructive testing – Determination of the size of
industrial radiographic sources – Radiographic method
(EN 12679:1999)
- zamijenjena s: HRN EN 12679:2018

HRN EN 16407-1:2014 en
Nerazorno ispitivanje – Radiografsko ispitivanje korozije i
naslaga u cijevima upotrebom rendgenskog i gama zračenja
– 1. dio: Radiografsko ispitivanje tangencijskom tehnikom
(EN 16407-1:2014)
Non-destructive testing – Radiographic inspection of
corrosion and deposits in pipes by X- and gamma rays
– Part 1: Tangential radiographic inspection (EN 16407-1:2014)
- zamijenjena s: HRN EN ISO 20769-1:2018

HRN EN 16407-2:2014 en
Nerazorno ispitivanje – Radiografsko ispitivanje korozije i
naslaga u cijevima upotrebom rendgenskog i gama zračenja
– 2. dio: Radiografsko ispitivanje tehnikom dvostruke stijenke
(EN 16407-2:2014)
Non-destructive testing – Radiographic inspection of corrosion
and deposits in pipes by X- and gamma rays – Part 2: Double
wall radiographic inspection (EN 16407-2:2014)
- zamijenjena s: HRN EN ISO 20769-2:2018

HRN EN ISO 19232-5:2013 en
Nerazorno ispitivanje – Kvaliteta radiograma – 5. dio:
Određivanje neoštrine slike upotrebom dvostrukih
žičanih indikatora kvalitete slike (ISO 19232-5:2013;
EN ISO 19232-5:2013)
Non-destructive testing – Image quality of radiographs
– Part 5: Determination of the image unsharpness value using
duplex wire-type image quality indicators (ISO 19232-5:2013;
EN ISO 19232-5:2013)
- zamijenjena s: HRN EN ISO 19232-5:2018

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

HRN EN ISO 11297-3:2013 en
Plastični cijevni sustavi za obnavljanje podzemnih tlačnih
mreža za odvodnju i kanalizaciju – 3. dio: Obnavljanje s
prijanjajućim cijevima (ISO 11297-3:2013; EN ISO 11297-3:2013)
Plastics piping systems for renovation of underground drainage
and sewerage networks under pressure – Part 3: Lining with
close-fit pipes (ISO 11297-3:2013; EN ISO 11297-3:2013)
- zamijenjena s: HRN EN ISO 11297-3:2018

HRN EN ISO 11298-3:2011 en
Plastični cijevni sustavi za obnavljanje podzemnih vodovodnih
distribucijskih mreža – 3. dio: Oblaganje prijanjajućim cijevima
(ISO 11298-3:2010; EN ISO 11298-3:2011)
Plastics piping systems for renovation of underground
water supply networks – Part 3: Lining with close-fit pipes
(ISO 11298-3:2010; EN ISO 11298-3:2011)
- zamijenjena s: HRN EN ISO 11298-3:2018

HRN EN ISO 15494:2015 en
Plastični cijevni sustavi za industrijsku primjenu – Polibuten
(PB), polietilen (PE), polietilen postojan pri povišenoj
temperaturi (PE-RT), umreženi polietilen (PE-X) i polipropilen
(PP) – Metrički nizovi za specifikacije za sastavnice i sustav
(ISO 15494:2015; EN ISO 15494:2015)
Plastics piping systems for industrial applications
– Polybutene (PB), polyethylene (PE), polyethylene of raised
temperature resistance (PE-RT), crosslinked polyethylene (PE-X),
polypropylene (PP) – Metric series for specifications for components
and the system (ISO 15494:2015; EN ISO 15494:2015)
- zamijenjena s: HRN EN ISO 15494:2018

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

HRN EN ISO 8199:2008 en
Kakvoća vode – Opće smjernice za brojenje uzgojenih
mikroorganizama (ISO 8199:2005; EN ISO 8199:2007)
Water quality – General guidance on the enumeration of
micro-organisms by culture (ISO 8199:2005; EN ISO 8199:2007)
- zamijenjena s: HRN EN ISO 8199:2018

HZN/TO 163, Toplinska izolacija

HRN EN 14064-1:2010 en
Toplinsko-izolacijski proizvodi za zgrade – Nevezani proizvodi
od mineralne vune (MW) oblikovani na mjestu primjene
– 1. dio: Specifikacija za nevezane proizvode prije ugradnje
(EN 14064-1:2010)
Thermal insulation products for buildings – In-situ
formed loose-fill mineral wool (MW) products – Part 1:
Specification for the loose-fill products before installation
(EN 14064-1:2010)
- zamijenjena s: HRN EN 14064-1:2018

HZN/TO 165, Drvene konstrukcije

HRN EN 14081-2:2013 en
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga
poprečnog presjeka razvrstano prema čvrstoći – 2. dio:
Strojno razvrstavanje, dodatni zahtjevi za početno ispitivanje
tipa (EN 14081-2:2010+A1:2012)
Timber structures – Strength graded structural timber
with rectangular cross section – Part 2: Machine
grading, additional requirements for initial type testing
(EN 14081-2:2010+A1:2012)
- zamijenjena s: HRN EN 14081-2:2018

HRN EN 14081-3:2012 en

Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 3. dio: Strojno razvrstavanje; dodatni zahtjevi za tvorničku kontrolu proizvodnje (EN 14081-3:2012)
Timber structures – Strength graded structural timber with rectangular cross section – Part 3: Machine grading; additional requirements for factory production control (EN 14081-3:2012)
- zamijenjena s: HRN EN 14081-3:2018

HZN/TO 215, Medicinska informatika

HRN ISO 20301:2014 en

Medicinska informatika – Zdravstvene kartice – Opće značajke (ISO 20301:2006)
Health informatics – Health cards – General characteristics (ISO 20301:2006)
- zamijenjena s: HRN ISO 20301:2018

HRN ISO 20302:2014 en

Medicinska informatika – Zdravstvene kartice – Sustav numeriranja i postupci registracije identifikacijskih oznaka izdavatelja (ISO 20302:2006)
Health informatics – Health cards – Numbering system and registration procedure for issuer identifiers (ISO 20302:2006)
- zamijenjena s: HRN ISO 20302:2018

HRN ISO/HL7 21731:2007 en

Medicinska informatika – HL7 inačica 3 – Referentni informacijski model – 1. izdanje (ISO/HL7 21731:2006)
Health informatics – HL7 version 3 – Reference information model – Release 1 (ISO/HL7 21731:2006)
- zamijenjena s: HRN ISO/HL7 21731:2018

HRN ISO 22857:2004 en

Medicinska informatika – Smjernice za zaštitu podataka radi omogućavanja prekograničnog protoka osobnih zdravstvenih informacija (ISO 22857:2004)
Health informatics – Guidelines on data protection to facilitate trans-border flows of personal health information (ISO 22857:2004)
- zamijenjena s: HRN ISO 22857:2018

HZN/TO 502, Plinski uređaji

HRN EN 16436-1:2016 en

Gumena i plastična crijeva, cijevi i spojevi za upotrebu propana, butana i njihovih mješavina u parnoj fazi – 1. dio: Crijeva i cjevovodi (EN 16436-1:2014+A1:2015)
Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixture in the vapour phase – Part 1: Hoses and tubings (EN 16436-1:2014+A1:2015)
- zamijenjena s: HRN EN 16436-1:2018

HZN/TO 503, Metalni materijali

HRN EN ISO 204:2010 en

Metalni materijali – Jednoosno ispitivanje puzanja pri vlačnome naprezanju – Metoda ispitivanja (ISO 204:2009; EN ISO 204:2009)
Metallic materials – Uniaxial creep testing in tension – Method of test (ISO 204:2009; EN ISO 204:2009)
- zamijenjena s: HRN EN ISO 204:2018

HRN EN 485-2:2016 en

Aluminij i aluminijeve legure – Limovi, trake i ploče – 2. dio: Mehanička svojstva (EN 485-2:2016)
Aluminium and aluminium alloys – Sheet, strip and plate – Part 2: Mechanical properties (EN 485-2:2016)
- zamijenjena s: HRN EN 485-2:2018

HRN EN ISO 8993:2010 en

Anodizacija aluminija i aluminijevih legura – Vrijednosni sustav za vrednovanje rupičaste korozije – Metoda usporednih karata (ISO 8993:2010; EN ISO 8993:2010)
Anodizing of aluminium and its alloys – Rating system for the evaluation of pitting corrosion – Chart method (ISO 8993:2010; EN ISO 8993:2010)
- zamijenjena s: HRN EN ISO 8993:2018

HRN EN ISO 21809-1:2012 en

Industrija nafte i zemnog plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u cjevovodnim transportnim sustavima – 1. dio: Poliolefinske prevlake (3-slojne PE i 3-slojne PP) (ISO 21809-1:2011; EN ISO 21809-1:2011)
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 1: Polyolefin coatings (3-layer PE and 3-layer PP) (ISO 21809-1:2011; EN ISO 21809-1:2011)
- zamijenjena s: HRN EN ISO 21809-1:2018

HZN/TO 505, Prijenos i distribucija plina

HRN EN 16726:2016 en

Plinska infrastruktura – Kvaliteta plina – Grupa H (EN 16726:2015)
Gas infrastructure – Quality of gas – Group H (EN 16726:2015)
- zamijenjena s: HRN EN 16726:2018

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

HRN ISO 20765-1:2006 en

Prirodni plin – Izračunavanje termodinamičkih svojstava – 1. dio: Svojstva plinske faze za primjenu u transportu i distribuciji (ISO 20765-1:2005)
Natural gas – Calculation of thermodynamic properties – Part 1: Gas phase properties for transmission and distribution applications (ISO 20765-1:2005)
- zamijenjena s: HRN EN ISO 20765-1:2018

HZN/TO 526, Bitumenska veziva

HRN EN 13702:2010 en

Bitumen i bitumenska veziva – Određivanje dinamičke viskoznosti modificiranog bitumena metodom stošca i ploče (EN 13702:2010)
Bitumen and bituminous binders – Determination of dynamic viscosity of modified bitumen by cone and plate method (EN 13702:2010)
- zamijenjena s: HRN EN 13702:2018

HRN EN 13924:2007 en

Bitumen i bitumenska veziva – Specifikacije za tvrde cestograđevne bitumene (EN 13924:2006+AC:2006)
Bitumen and bituminous binders – Specifications for hard paving grade bitumens (EN 13924:2006+AC:2006)
- zamijenjena s: HRN EN 13924-1:2015

HZN/TO 531, Plastika i guma

HRN EN ISO 6802:2009 en

Gumena i plastična crijeva i crijevni sklopovi ojačani žicom – Hidraulično impulsno ispitivanje savijanjem (ISO 6802:2005; EN ISO 6802:2008)
Rubber and plastics hoses and hose assemblies with wire reinforcements – Hydraulic impulse test with flexing (ISO 6802:2005; EN ISO 6802:2008)
- zamijenjena s: HRN EN ISO 6802:2018

HZN/TO 533, Kolničke konstrukcije

HRN EN 13108-1:2007 en

Bitumenske mješavine – Specifikacije materijala – 1. dio: Asfaltbeton (EN 13108-1:2006)
Bituminous mixtures – Material specifications – Part 1: Asphalt Concrete (EN 13108-1:2006)
- zamijenjena s: HRN EN 13108-1:2016

HRN EN 13108-1:2007/Ispr.1:2008 en

Bitumenske mješavine – Specifikacije materijala – 1. dio: Asfaltbeton (EN 13108-1:2006/AC:2008)
Bituminous mixtures – Material specifications – Part 1: Asphalt concrete (EN 13108-1:2006/AC:2008)
- zamijenjena s: HRN EN 13108-1:2016

HRN EN 13108-2:2007 en

Bitumenske mješavine – Specifikacije materijala – 2. dio: Asfaltbeton za vrlo tanke slojeve (EN 13108-2:2006)
Bituminous mixtures – Material specifications – Part 2: Asphalt Concrete for very thin layers (EN 13108-2:2006)
- zamijenjena s: HRN EN 13108-2:2016

HRN EN 13108-2:2007/Ispr.1:2008 en

Bitumenske mješavine – Specifikacije materijala – 2. dio: Asfaltbeton za vrlo tanke slojeve (EN 13108-2:2006/AC:2008)
Bituminous mixtures – Material specifications – Part 2: Asphalt concrete for very thin layers (EN 13108-2:2006/AC:2008)
- zamijenjena s: HRN EN 13108-2:2016

HRN EN 13108-3:2007 en
 Bitumenske mješavine – Specifikacije materijala – 3. dio:
 Meki asfalt (EN 13108-3:2006)
 Bituminous mixtures – Material specifications – Part 3: Soft
 Asphalt (EN 13108-3:2006)
 - zamijenjena s: HRN EN 13108-3:2016

HRN EN 13108-3:2007/Ispr.1:2008 en
 Bitumenske mješavine – Specifikacije materijala – 3. dio:
 Meki asfalt (EN 13108-3:2006/AC:2008)
 Bituminous mixtures – Material specifications – Part 3: Soft
 asphalt (EN 13108-3:2006/AC:2008)
 - zamijenjena s: HRN EN 13108-3:2016

HRN EN 13108-5:2007 en
 Bitumenske mješavine – Specifikacije materijala – 5. dio:
 SMA (Stone Mastic Asphalt) (EN 13108-5:2006)
 Bituminous mixtures – Material specifications – Part 5: Stone
 Mastic Asphalt (EN 13108-5:2006)
 - zamijenjena s: HRN EN 13108-5:2016

HRN EN 13108-5:2007/Ispr.1:2008 en
 Bitumenske mješavine – Specifikacije materijala – 5. dio:
 SMA (Stone mastic asphalt) (EN 13108-5:2006/AC:2008)
 Bituminous mixtures – Material specifications – Part 5: Stone
 mastic asphalt (EN 13108-5:2006/AC:2008)
 - zamijenjena s: HRN EN 13108-5:2016

HRN EN 13108-6:2007 en
 Bitumenske mješavine – Specifikacije materijala – 6. dio:
 Lijevani asfalt (EN 13108-6:2006)
 Bituminous mixtures – Material specifications – Part 6: Mastic
 Asphalt (EN 13108-6:2006)
 - zamijenjena s: HRN EN 13108-6:2016

HRN EN 13108-6:2007/Ispr.1:2008 en
 Bitumenske mješavine – Specifikacije materijala – 6. dio:
 Lijevani asfalt (EN 13108-6:2006/AC:2008)
 Bituminous mixtures – Material specifications – Part 6: Mastic
 asphalt (EN 13108-6:2006/AC:2008)
 - zamijenjena s: HRN EN 13108-6:2016

HRN EN 13108-7:2007 en
 Bitumenske mješavine – Specifikacije materijala – 7. dio:
 Porozni asfalt (EN 13108-7:2006)
 Bituminous mixtures – Material specifications – Part 7: Porous
 Asphalt (EN 13108-7:2006)
 - zamijenjena s: HRN EN 13108-7:2016

HRN EN 13108-7:2007/Ispr.1:2008 en
 Bitumenske mješavine – Specifikacije materijala – 7. dio:
 Porozni asfalt (EN 13108-7:2006/AC:2008)
 Bituminous mixtures – Material specifications – Part 7: Porous
 asphalt (EN 13108-7:2006/AC:2008)
 - zamijenjena s: HRN EN 13108-7:2016

HRN EN 13108-8:2007 en
 Bitumenske mješavine – Specifikacije materijala – 8. dio:
 Reciklažni asfaltni agregat (EN 13108-8:2005)
 Bituminous mixtures – Material specifications – Part 8:
 Reclaimed asphalt (EN 13108-8:2005)
 - zamijenjena s: HRN EN 13108-8:2016

HRN EN 13108-20:2007 en
 Bitumenske mješavine – Specifikacije materijala – 20. dio:
 Ispitivanje tipa (EN 13108-20:2006)
 Bituminous mixtures – Material specifications – Part 20: Type
 Testing (EN 13108-20:2006)
 - zamijenjena s: HRN EN 13108-20:2016

HRN EN 13108-20:2007/Ispr.1:2008 en
 Bitumenske mješavine – Specifikacije materijala – 20. dio:
 Ispitivanje tipa (EN 13108-20:2006/AC:2008)
 Bituminous mixtures – Material specifications – Part 20: Type
 Testing (EN 13108-20:2006/AC:2008)
 - zamijenjena s: HRN EN 13108-20:2016

HRN EN 13108-21:2007 en
 Bitumenske mješavine – Specifikacije materijala – 21. dio:
 Tvornička kontrola proizvodnje (EN 13108-21:2006)
 Bituminous mixtures – Material specifications – Part 21:
 Factory Production Control (EN 13108-21:2006)
 - zamijenjena s: HRN EN 13108-21:2016

HRN EN 13108-21:2007/Ispr.1:2008 en
 Bitumenske mješavine – Specifikacije materijala – 21. dio:
 Tvornička kontrola proizvodnje (EN 13108-21:2006/AC:2008)
 Bituminous mixtures – Material specifications – Part 21:
 Factory Production (EN 13108-21:2006/AC:2008)
 - zamijenjena s: HRN EN 13108-21:2016

HZN/TO 534, Spremnici za teret

HRN EN 12079-1:2008 en
 Odobalni kontejneri i pripadajući pribor za dizanje – 1. dio:
 Odobalni kontejner – Projektiranje, proizvodnja i označavanje
 (EN 12079-1:2006)
 Offshore containers and associated lifting sets – Part 1:
 Offshore container – Design, manufacture and marking
 (EN 12079-1:2006)
 - zamijenjena s: HRN EN ISO 10855-1:2018

HRN EN 12079-2:2008 en
 Odobalni kontejneri i pripadajući pribor za dizanje – 2. dio:
 Pribor za dizanje – Projektiranje, proizvodnja i označavanje
 (EN 12079-2:2006)
 Offshore containers and associated lifting sets – Part 2: Lifting
 sets – Design, manufacture and marking (EN 12079-2:2006)
 - zamijenjena s: HRN EN ISO 10855-2:2018

HRN EN 12079-3:2008 en
 Odobalni kontejneri i pripadajući pribor za dizanje – 3. dio:
 Periodička inspekcija, provjera i ispitivanje (EN 12079-3:2006)
 Offshore containers and associated lifting sets – Part 3:
 Periodic inspection, examination and testing (EN 12079-3:2006)
 - zamijenjena s: HRN EN ISO 10855-3:2018

HRN EN 12285-1:2004 en
 Čelični spremnici izrađeni u radionici – 1. dio: Horizontalni
 valjkasti spremnici s jednostrukom i dvostrukom stijenkom
 za podzemno skladištenje zapaljivih i nezapaljivih tekućina
 onečišćenih vodom (EN 12285-1:2003)
 Workshop fabricated steel tanks – Part 1: Horizontal cylindrical
 single skin and double skin tanks for the underground storage
 of flammable and non-flammable water polluting liquids
 (EN 12285-1:2003)
 - zamijenjena s: HRN EN 12285-1:2018

HRN EN 12972:2015 en
 Spremnici za prijevoz opasnih tvari – Ispitivanje, inspekcija i
 označavanje metalnih spremnika (EN 12972:2015)
 Tanks for transport of dangerous goods – Testing, inspection
 and marking of metallic tanks (EN 12972:2015)
 - zamijenjena s: HRN EN 12972:2018

HRN EN 13317:2008 en
 Spremnici za prijevoz opasnih tvari – Pomoćna
 oprema za spremnike – Sklop poklopca ulaznog otvora
 (EN 13317:2002+A1:2006)
 Tanks for transport of dangerous goods – Service equipment for
 tanks – Manhole cover assembly (EN 13317:2002+A1:2006)
 - zamijenjena s: HRN EN 13317:2018

HRN EN 14025:2016 en
 Spremnici za prijevoz opasnih tvari – Metalni tlačni spremnici
 – Projektiranje i konstrukcija (EN 14025:2013+A1:2016)
 Tanks for the transport of dangerous goods – Metallic pressure
 tanks – Design and construction (EN 14025:2013+A1:2016)
 - zamijenjena s: HRN EN 14025:2018

HRN EN 14116:2014 en
 Spremnici za prijevoz opasnih tvari – Digitalno sučelje
 uređaja za prepoznavanje proizvoda za tekuća goriva
 (EN 14116:2012+A1:2014)
 Tanks for transport of dangerous goods – Digital
 interface for product recognition devices for liquid fuels
 (EN 14116:2012+A1:2014)
 - zamijenjena s: HRN EN 14116:2018

HRN EN 14596:2008 en
 Spremnici za prijevoz opasnih tvari – Pomoćna oprema
 spremnika – Sigurnosni tlačni ventil (EN 14596:2005)
 Tanks for transport of dangerous goods – Service equipment for
 tanks – Emergency pressure relief valve (EN 14596:2005)
 - zamijenjena s: HRN EN 14596:2018

HRN EN 16657:2016 en
 Spremnici za prijevoz opasnih tvari – Oprema na transportnom
 spremniku za uređaje za sprječavanje prepunjenosti
 nepomičnih spremnika (EN 16657:2016)
 Tanks for the transport of dangerous goods – Transport tank
 equipment for overfill prevention devices for static tanks
 (EN 16657:2016)
 - zamijenjena s: HRN EN 16657:2018

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

- HRN EN ISO 6413:2008 en
Tehnički crteži – Prikaz spojeva sa zupčastim i klinastim vratilima (ISO 6413:1988; EN ISO 6413:1994)
Technical drawings – Representation of splines and serrations (ISO 6413:1988; EN ISO 6413:1994)
- zamijenjena s: HRN EN ISO 6413:2018

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

- HRN EN 1822-2:2010 en
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 2. dio: Proizvodnja aerosola, oprema za mjerenje, statistika brojanja čestica (EN 1822-2:2009)
High efficiency air filters (EPA, HEPA and ULPA) – Part 2: Aerosol production, measuring equipment, particle counting statistics (EN 1822-2:2009)
- zamijenjena s: HRN EN ISO 29463-2:2018

- HRN EN 1822-3:2010 en
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 3. dio: Ispitivanje trakastih filtarskih tvari (EN 1822-3:2009)
High efficiency air filters (EPA, HEPA and ULPA) – Part 3: Testing flat sheet filter media (EN 1822-3:2009)
- zamijenjena s: HRN EN ISO 29463-3:2018

- HRN EN 1822-4:2010 en
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 4. dio: Određivanje propusnosti filtarskih elemenata (metoda skeniranja) (EN 1822-4:2009)
High efficiency air filters (EPA, HEPA and ULPA) – Part 4: Determining leakage of filter elements (scan method) (EN 1822-4:2009)
- zamijenjena s: HRN EN ISO 29463-4:2018

- HRN EN 1822-5:2010 en
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 5. dio: Određivanje učinkovitosti filtarskih elemenata (EN 1822-5:2009)
High efficiency air filters (EPA, HEPA and ULPA) – Part 5: Determining the efficiency of filter elements (EN 1822-5:2009)
- zamijenjena s: HRN EN ISO 29463-5:2018

HZN/TO 548, Konstrukcijski eurokodovi

- HRN EN 1993-4-3:2014 hr
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-3: Cjevovodi (EN 1993-4-3:2007+AC:2009)
Eurocode 3: Design of steel structures – Part 4-3: Pipelines (EN 1993-4-3:2007+AC:2009)
- bez zamjene

- HRN EN 1993-4-3:2014/NA:2014 hr-en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-3: Cjevovodi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-3: Pipelines – National Annex
- bez zamjene

HZN/TO 553, Predgotovljeni proizvodi

- HRN EN 997:2015 en
WC školjke i WC garniture s ugrađenim sifonom (EN 997:2012+A1:2015)
WC pans and WC suites with integral trap (EN 997:2012+A1:2015)
- zamijenjena s: HRN EN 997:2018

- HRN EN ISO 10545-2:2001 en
Keramičke pločice – 2. dio: Određivanje dimenzija i površinske kakvoće (ISO 10545-2:1995, uključujući tehnički ispravak 1:1997; EN ISO 10545-2:1997)
Ceramic tiles – Part 2: Determination of dimensions and surface quality (ISO 10545-2:1995, including Technical Corrigendum 1:1997; EN ISO 10545-2:1997)
- zamijenjena s: HRN EN ISO 10545-2:2018

- HRN EN 12764:2015 en
Sanitarni uređaji – Specifikacija za vrtložne kade (EN 12764:2015)
Sanitary appliances – Specification for whirlpool baths (EN 12764:2015)
- zamijenjena s: HRN EN 12764:2018

- HRN EN 13310:2015 en
Sudoperi – Funkcionalni zahtjevi i metode ispitivanja (EN 13310:2015)
Kitchen sinks – Functional requirements and test methods (EN 13310:2015)
- zamijenjena s: HRN EN 13310:2018

- HRN EN 13407:2015 en
Zidni pisoari – Funkcionalni zahtjevi i metode ispitivanja (EN 13407:2015)
Wall-hung urinals – Functional requirements and test methods (EN 13407:2015)
- zamijenjena s: HRN EN 13407:2018

- HRN EN 14296:2015 en
Sanitarni uređaji – Zajednička korita za pranje (EN 14296:2015)
Sanitary appliances – Communal washing troughs (EN 14296:2015)
- zamijenjena s: HRN EN 14296:2018

- HRN EN 14428:2015 en
Stijenke tuš kabine – Funkcionalni zahtjevi i metode ispitivanja (EN 14428:2015)
Shower enclosures – Functional requirements and test methods (EN 14428:2015)
- zamijenjena s: HRN EN 14428:2018

- HRN EN 14528:2015 en
Bidei – Funkcionalni zahtjevi i metode ispitivanja (EN 14528:2015)
Bidets – Functional requirements and test methods (EN 14528:2015)
- zamijenjena s: HRN EN 14528:2018

- HRN EN 14688:2015 en
Sanitarni uređaji – Umivaonici – Funkcionalni zahtjevi i metode ispitivanja (EN 14688:2015)
Sanitary appliances – Wash basins – Functional requirements and test methods (EN 14688:2015)
- zamijenjena s: HRN EN 14688:2018

HZN/TO 554, Obrada otpadnih voda

- HRN EN 15885:2010 en
Razredba i značajke tehnika za obnovu i popravak odvodnih i kanalizacijskih sustava (EN 15885:2010)
Classification and characteristics of techniques for renovation and repair of drains and sewers (EN 15885:2010)
- zamijenjena s: HRN EN 15885:2018

HZN/TO 555, Medicinski proizvodi

- HRN EN 13060:2015 en
Mali sterilizatori na paru (EN 13060:2014)
Small steam sterilizers (EN 13060:2014)
- zamijenjena s: HRN EN 13060:2018

HZN/TO 556, Osobna zaštitna oprema

- HRN EN 13832-1:2007 en
Obuća za zaštitu od kemikalija – 1. dio: Nazivlje i ispitne metode (EN 13832-1:2006)
Footwear protecting against chemicals – Part 1: Terminology and test methods (EN 13832-1:2006)
- zamijenjena s: HRN EN 13832-1:2018

HZN/TO 557, Zaštitna odjeća

- HRN EN 381-1:2001 en
Zaštitna odjeća za korisnike ručnih motornih lančanih pila – 1. dio: Oprema za ispitivanje otpornosti na razrezivanje motornom lančanom pilom (EN 381-1:1993)
Protective clothing for users of hand-held chainsaws – Part 1: Test rig for testing resistance to cutting by a chainsaw (EN 381-1:1993)
- zamijenjena s: HRN EN ISO 11393-1:2018

- HRN EN 381-3:2001 en
Zaštitna odjeća za korisnike ručnih motornih lančanih pila – 3. dio: Ispitne metode za obuću (EN 381-3:1996)
Protective clothing for users of hand-held chain-saws – Part 3: Test methods for footwear (EN 381-3:1996)
- zamijenjena s: HRN EN ISO 11393-3:2018

HRN EN 16523-1:2015 en

Određivanje otpornosti materijala na upijanje kemikalija – 1. dio: Upijanje tekućih kemikalija u uvjetima stalnog dodira (EN 16523-1:2015)
Determination of material resistance to permeation by chemicals – Part 1: Permeation by liquid chemical under conditions of continuous contact (EN 16523-1:2015)
- zamijenjena s: HRN EN 16523-1:2018

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 12516-1:2014 en

Industrijski zaporni uređaji – Projektna čvrstoća kućišta – 1. dio: Tablična metoda za kućišta zapornih uređaja od čelika (EN 12516-1:2014)
Industrial valves – Shell design strength – Part 1: Tabulation method for steel valve shells (EN 12516-1:2014)
- zamijenjena s: HRN EN 12516-1:2018

HRN EN 12516-4:2014 en

Industrijski zaporni uređaji – Projektna čvrstoća kućišta – 4. dio: Metoda proračuna kućišta zapornih uređaja izrađenih od metalnih materijala osim čelika (EN 12516-4:2014)
Industrial valves – Shell design strength – Part 4: Calculation method for valve shells manufactured in metallic materials other than steel (EN 12516-4:2014)
- zamijenjena s: HRN EN 12516-4:2018

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 10325:2010 en

Vlaknasta užad – Polietilen visoke molekularne mase – 8-nitna pletena užad, 12-nitna pletena užad i presvučena užad (ISO 10325:2009; EN ISO 10325:2009)
Fibre ropes – High modulus polyethylene – 8-strand braided ropes, 12-strand braided ropes and covered ropes (ISO 10325:2009; EN ISO 10325:2009)
- zamijenjena s: HRN EN ISO 10325:2018

HRN EN ISO 15487:2010 en

Tekstil – Metoda ocjenjivanja izgleda odjeće i drugih gotovih tekstilnih proizvoda nakon pranja i sušenja u kućanstvu (ISO 15487:2009; EN ISO 15487:2010)
Textiles – Method for assessing appearance of apparel and other textile end products after domestic washing and drying (ISO 15487:2009; EN ISO 15487:2010)
- zamijenjena s: HRN EN ISO 15487:2018

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

HRN EN ISO 23470:2012 en

Kvaliteta tla – Određivanje efektivnoga kationskog izmjenjivačkog kapaciteta (KIK) i izmjenjivih kationa primjenom heksaminkobalt triklorid otopine (ISO 23470:2007; EN ISO 23470:2011)
Soil quality – Determination of effective cation exchange capacity (CEC) and exchangeable cations using a hexamminecobalt trichloride solution (ISO 23470:2007; EN ISO 23470:2011)
- zamijenjena s: HRN EN ISO 23470:2018

HZN/TO E10, Fluidi za primjenu u elektrotehnici

HRN EN 60599:2002 en

Mineralnim uljem impregnirana električna oprema u pogonu – Upute za tumačenje rezultata analize otopljenih i slobodnih plinova (IEC 60599:1999; EN 60599:1999)
Mineral oil-impregnated electrical equipment in service – Guide to the interpretation of dissolved and free gases analysis (IEC 60599:1999; EN 60599:1999)
- zamijenjena s: HRN EN 60599:2016

HRN EN 60599:2002/A1:2008 en

Mineralnim uljem impregnirana električna oprema u pogonu – Upute za tumačenje rezultata analize otopljenih i slobodnih plinova (IEC 60599:1999/am1:2007; EN 60599:1999/A1:2007)
Mineral oil-impregnated electrical equipment in service – Guide to the interpretation of dissolved and free gases analysis (IEC 60599:1999/am1:2007; EN 60599:1999/A1:2007)
- zamijenjena s: HRN EN 60599:2016

HRN EN 60836:2007 en

Specifikacije za nove silikonske izolacijske tekućine za primjenu u elektrotehnici (IEC 60836:2005; EN 60836:2005)
Specifications for unused silicone insulating liquids for electrotechnical purposes (IEC 60836:2005; EN 60836:2005)
- zamijenjena s: HRN EN 60836:2015

HZN/TO E79, Alarmni sustavi

HRN EN 50132-5-3:2013 en

Alarmni sustavi – Sustavi nadzora primjenom televizije zatvorenoga kruga u primjenama zaštite – Dio 5-3: Videoprijenos – Analogni i digitalni videoprijenos (EN 50132-5-3:2012)
Alarm systems – CCTV surveillance systems for use in security applications – Part 5-3: Video transmission – Analogue and digital video transmission (EN 50132-5-3:2012)
- zamijenjena s: HRN EN 62676-3:2015

HRN CLC/TS 50136-7:2004 en

Alarmni sustavi – Sustavi i uređaji za prijenos signala alarma – 7. dio: Smjernice za primjenu (CLC/TS 50136-7:2004)
Alarm systems – Alarm transmission systems and equipment – Part 7: Application guidelines (CLC/TS 50136-7:2004)
- zamijenjena s: HRS CLC/TS 50136-7:2018

HRS CLC/TS 50136-9:2013 en

Alarmni sustavi – Sustavi i uređaji za prijenos signala alarma – 9. dio: Zahtjevi za zajednički protokol za prijenos signala alarma koji primjenjuje Internet protokol (CLC/TS 50136-9:2013)
Alarm systems – Alarm transmission systems and equipment – Part 9: Requirements for common protocol for alarm transmission using the Internet protocol (CLC/TS 50136-9:2013)
- zamijenjena s: HRS CLC/TS 50136-9:2018

HZN/TO Z1, Informacijska tehnologija

HRN ISO/IEC 11770-2:2013 en

Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 2. dio: Mehanizmi korištenja simetričnih tehnika (ISO/IEC 11770-2:2008+Corr.1:2009)
Information technology – Security techniques – Key management – Part 2: Mechanisms using symmetric techniques (ISO/IEC 11770-2:2008+Corr.1:2009)
- zamijenjena s: HRN ISO/IEC 11770-2:2018

HRN ISO/IEC 11770-4:2013 en

Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 4. dio: Mehanizmi koji se temelje na slabim tajnama (ISO/IEC 11770-4:2006+Corr.1:2009)
Information technology – Security techniques – Key management – Part 4: Mechanisms based on weak secrets (ISO/IEC 11770-4:2006+Corr.1:2009)
- zamijenjena s: HRN ISO/IEC 11770-4:2018

HRN ISO/IEC/IEEE 26512:2015 en

Sistemska i programsko inženjerstvo – Zahtjevi na preuzimatelje i isporučitelje korisničke dokumentacije (ISO/IEC/IEEE 26512:2011)
Systems and software engineering – Requirements for acquirers and suppliers of user documentation (ISO/IEC/IEEE 26512:2011)
- zamijenjena s: HRN ISO/IEC/IEEE 26512:2018

HRN ISO/IEC 27005:2015 en

Informacijska tehnologija – Sigurnosne tehnike – Upravljanje rizikom informacijske sigurnosti (ISO/IEC 27005:2011)
Information technology – Security techniques – Information security risk management (ISO/IEC 27005:2011)
- zamijenjena s: HRN ISO/IEC 27005:2018

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

HRN EN 14085:2011 en

Elastične podne obloge – Specifikacija za podne ploče za slobodno polaganje (EN 14085:2010)
Resilient floor coverings – Specification for floor panels for loose laying (EN 14085:2010)
- zamijenjena s: HRN EN ISO 20326:2018

HRN EN 14215:2013 en

Tekstilne podne obloge – Razredba strojno rađenih tepiha i staza s florom (EN 14215:2013)
Textile floor coverings – Classification of machine-made pile rugs and runners (EN 14215:2013)
- zamijenjena s: HRN EN 14215:2018

HRS CEN/TS 16354:2014 en

Laminatne podne obloge – Podslorjevi – Specifikacije, zahtjevi i ispitne metode (CEN/TS 16354:2013)
Laminate floor coverings – Underlays – Specification, requirements and test methods (CEN/TS 16354:2013)
- zamijenjena s: HRN EN 16354:2018

HZN/TU M1, Metalni materijali 1

HRN EN ISO 4022:2008 en
Trajno sinterirani metalni materijali – Određivanje trajnosti tekućina (ISO 4022:1987; EN ISO 4022:2006)
Permeable sintered metal materials – Determination of fluid permeability (ISO 4022:1987; EN ISO 4022:2006)
- zamijenjena s: HRN EN ISO 4022:2018

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

HRN EN ISO 28158:2010 en
Stomatologija – Zubna svila s držačem (ISO 28158:2010; EN ISO 28158:2010)
Dentistry – Integrated dental floss and handles (ISO 28158:2010; EN ISO 28158:2010)
- zamijenjena s: HRN EN ISO 28158:2018

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

HRN EN 1459-2:2015 en
Vozila za teške terene – Sigurnosni zahtjevi i potvrđivanje – 2. dio: Okretni kamioni promjenjivog dometa (EN 1459-2:2015)
Rough-terrain trucks – Safety requirements and verification – Part 2: Slewng variable-reach trucks (EN 1459-2:2015)
- zamijenjena s: HRN EN 1459-2:2018

HRN EN 2564:2008 en
Nizovi o zrakoplovstvu – Laminati s ugljičnim vlaknima – Određivanje sadržaja vlakana, smole i šupljina (EN 2564:1998)
Aerospace series – Carbon fibre laminates – Determination of the fibre, resin and void contents (EN 2564:1998)
- zamijenjena s: HRN EN 2564:2018

HRN EN 2591-403:2012 en
Nizovi o zrakoplovstvu – Elementi električne i optičke veze – Metode ispitivanja – 403. dio: Sinusne i slučajne vibracije (EN 2591-403:2012)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration (EN 2591-403:2012)
- zamijenjena s: HRN EN 2591-403:2018

HRN EN 3660-004:2011 en
Nizovi o zrakoplovstvu – Oprema utičnice kabela za kružne i kvadratne električne i optičke spojnice – 004. dio: Kabelski izlaz, tip A, ravni, nebrtvljeni sa spojnicom kabela za rasterećenje po EN 2997 i EN 4067 – Norma za proizvod (EN 3660-004:2009)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 004: Cable outlet, style A, straight, unsealed with clamp strain relief for EN 2997 and EN 4067 – Product standard (EN 3660-004:2009)
- zamijenjena s: HRN EN 3660-004:2018

HRN EN 3660-005:2011 en
Nizovi o zrakoplovstvu – Oprema utičnice kabela za kružne i kvadratne električne i optičke spojnice – 005. dio: Kabelski izlaz, tip A, 90°, nebrtvljen sa spojnicom kabela za rasterećenje za EN 2997 i EN 4067 – Norma za proizvod (EN 3660-005:2009)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief for EN 2997 and EN 4067 – Product standard (EN 3660-005:2009)
- zamijenjena s: HRN EN 3660-005:2018

HRN EN 3745-202:2008 en
Nizovi o zrakoplovstvu – Vlakna i kabeli, optički, za zrakoplove – Metode ispitivanja – 202. dio: Dimenzije vlakana (EN 3745-202:2005)
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 202: Fibre dimensions (EN 3745-202:2005)
- zamijenjena s: HRN EN 3745-202:2018

HRN EN 4611-005:2012 en
Nizovi o zrakoplovstvu – Kabeli, električni, opće namjene, jednožilni i višezilni sklop – XLETFE porodica – 005. dio: Bakar prevučen srebrom – Radna temperatura između – 65 °C i 150 °C – Jednostruki ekstrudirani zid za zatvorenu primjenu – Ispisivanje pomoću UV lasera – Norma za proizvod (EN 4611-005:2012)
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 005: Silver plated copper – Operating temperatures, between – 65 °C and 150 °C – Single extruded wall for enclosed applications – UV laser printable – Product standard (EN 4611-005:2012)
- zamijenjena s: HRN EN 4611-005:2018

HRN EN 4611-006:2012 en
Nizovi o zrakoplovstvu – Kabeli, električni, opće namjene, jednožilni i višezilni sklop – XLETFE porodica – 006. dio: Bakar prevučen srebrom – Radna temperatura između – 65 °C i 150 °C – Dvostruki ekstrudirani zid za upotrebu na otvorenom – Ispisivanje pomoću UV lasera – Norma za proizvod (EN 4611-006:2012)
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 006: Silver plated copper – Operating temperatures, between – 65 °C and 150 °C – Dual extruded wall for open applications – UV laser printable – Product standard (EN 4611-006:2012)
- zamijenjena s: HRN EN 4611-006:2018

HRN EN 4611-007:2012 en
Nizovi o zrakoplovstvu – Kabeli, električni, opće namjene, jednožilni i višezilni sklop – XLETFE porodica – 007. dio: Bakar prevučen niklom – Radna temperatura između – 65 °C i 150 °C – Dvostruki ekstrudirani zid za upotrebu na otvorenom – Ispisivanje pomoću UV lasera – Norma za proizvod (EN 4611-007:2012)
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 007: Nickel plated copper – Operating temperatures, between – 65 °C and 150 °C – Dual extruded wall for open applications – UV laser printable – Product standard (EN 4611-007:2012)
- zamijenjena s: HRN EN 4611-007:2018

HRN EN 4710-01:2015 en
Zrakoplovstvo – Brzo otpuštajući spojni sustav za nekonstrukcijske primjene – Dio 01: Tehnička specifikacija (EN 4710-01:2015)
Aerospace series – Quick release fastening systems for non-structural applications – Part 01: Technical specification (EN 4710-01:2015)
- zamijenjena s: HRN EN 4710-01:2018

HRN EN 4710-03:2015 en
Zrakoplovstvo – Brzo otpuštajući spojni sustav za nekonstrukcijske primjene – Dio 03: Opužna stezaljka (EN 4710-03:2015)
Aerospace series – Quick release fastening systems for non-structural applications – Part 03: Spring clamp (EN 4710-03:2015)
- zamijenjena s: HRN EN 4710-03:2018

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 136, Namještaj

• umjesto

HRN EN 1130-1:1998
Namještaj – Dječji krevetići i **zipke** za kućansku uporabu – 1. dio: Sigurnosni zahtjevi (EN 1130-1:1996)
Furniture – Cribs and cradles for domestic use – Part 1: Safety requirements (EN 1130-1:1996)

• treba biti

HRN EN 1130-1:1998
Namještaj – Dječji krevetići i **kolijevke** za kućansku uporabu – 1. dio: Sigurnosni zahtjevi (EN 1130-1:1996)
Furniture – Cribs and cradles for domestic use – Part 1: Safety requirements (EN 1130-1:1996)

• umjesto

HRN EN 1130-2:1998
Namještaj – Dječji krevetići i **zipke** za kućansku uporabu – 2. dio: Metode ispitivanja (EN 1130-2:1996)
Furniture – Cribs and cradles for domestic use – Part 2: Test methods (EN 1130-2:1996)

• treba biti

HRN EN 1130-2:1998
Namještaj – Dječji krevetići i **kolijevke** za kućansku uporabu – 2. dio: Metode ispitivanja (EN 1130-2:1996)
Furniture – Cribs and cradles for domestic use – Part 2: Test methods (EN 1130-2:1996)

HZN/ TO E56, Pouzdanost

- **umjesto**

HRN EN IEC 62853:2018

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

- **treba biti**

HRN EN IEC 62853:2018

Pouzdanost otvorenih sustava (IEC 62853:2018;
EN IEC 62853:2018)
Open systems dependability (IEC 62853:2018;
EN IEC 62853:2018)

HZN/TU V1, Elektronika 1

- **umjesto**

HRN EN 62446-1:2016

Mrežom spojeni PV sustavi – 1. dio: Zahtjevi za dokumentaciju sustava, puštanje u pogon, ispitivanja i inspekciju (IEC 62446-1:2016; EN 62446-1:2016)
Grid connected PV systems – Part 1: Requirements for system documentation, commissioning tests and inspection (IEC 62446-1:2016; EN 62446-1:2016)

- **treba biti**

HRN EN 62446-1:2016

Fotonaponski (PV) sustavi – Zahtjevi za ispitivanje, dokumentaciju i održavanje – 1. dio: Sustavi priključeni na električnu mrežu – Dokumentacija, puštanje u pogon i pregled (IEC 62446-1:2016; EN 62446-1:2016)
Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 1: Grid connected systems – Documentation, commissioning tests and inspection (IEC 62446-1:2016; EN 62446-1:2016)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

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

HRI CEN/TR 16176:2011 en pr

Karakterizacija otpada – Metode provjere elementarnog sastava rendgenskom fluorescentnom spektrometrijom za verifikaciji na licu mjesta (CEN/TR 16176:2011)
Characterization of waste – Screening methods for elemental composition by X-ray fluorescence spectrometry for on-site verification (CEN/TR 16176:2011)

HRN EN ISO 17601:2018 en pr

Kvaliteta tla – Procjena brojnosti odabranih mikrobnih genskih sekvenci kvantitativnim PCR iz DNK izravno ekstrahirane iz tla (ISO 17601:2016; EN ISO 17601:2018)
Soil quality – Estimation of abundance of selected microbial gene sequences by quantitative PCR from DNA directly extracted from soil (ISO 17601:2016; EN ISO 17601:2018)

HRN EN ISO 18187:2018 en pr

Kvaliteta tla – Kontaktno ispitivanje čvrstih uzoraka uporabom aktivnosti dehidrogenaze *Arthrobacter globiformis* (ISO 18187:2016; EN ISO 18187:2018)
Soil quality – Contact test for solid samples using the dehydrogenase activity of *Arthrobacter globiformis* (ISO 18187:2016; EN ISO 18187:2018)

HRN EN ISO 18311:2018 en pr

Kvaliteta tla – Metoda za ispitivanje utjecaja onečišćenja tla na aktivnost ishrane organizama koji obitavaju u tlu – Ispitivanje mamcem (ISO 18311:2016; EN ISO 18311:2018)
Soil quality – Method for testing effects of soil contaminants on the feeding activity of soil dwelling organisms – Bait-lamina test (ISO 18311:2016; EN ISO 18311:2018)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.11 Tehnologija zdravstvene zaštite (Rječnici)

Međunarodna normizacija
ISO

ISO 11139:2018
Sterilization of health care products – Vocabulary of terms used in sterilization and related equipment and process standards

01.040.47 Brodogradnja i pomorske konstrukcije (Rječnici)

Međunarodna normizacija
ISO

ISO 8384:2018
Ships and marine technology – Dredgers – Vocabulary

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Europska normizacija
CEN

EN 12519:2018
Windows and pedestrian doors – Terminology

Međunarodna normizacija
ISO

ISO 19711-1:2018
Building construction machinery and equipment – Truck mixers – Part 1: Terminology and commercial specifications

01.070 Kodiranje bojama

Međunarodna normizacija
ISO

ISO 10625:2018
Equipment for crop protection – Sprayer nozzles – Colour coding for identification

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Međunarodna normizacija
ISO

ISO 22380:2018
Security and resilience – Authenticity, integrity and trust for products and documents – General principles for product fraud risk and countermeasures

03.100.70 Sustavi upravljanja

Europska normizacija
CEN

EN ISO 50001:2018
Energy management systems – Requirements with guidance for use (ISO 50001:2018)

Međunarodna normizacija
ISO

ISO 50001:2018
Energy management systems – Requirements with guidance for use

07.080 Biologija. Botanika. Zoologija

Međunarodna normizacija
ISO

ISO 20387:2018
Biotechnology – Biobanking – General requirements for biobanking

07.140 Forenzične znanosti

Međunarodna normizacija
ISO

ISO 21043-1:2018
Forensic sciences – Part 1: Terms and definitions

11.040.20 Transfuzijska, infuzijska i injekcijska oprema

Međunarodna normizacija
ISO

ISO 18250-8:2018
Medical devices – Connectors for reservoir delivery systems for healthcare applications – Part 8: Citrate-based anticoagulant solution for apheresis applications

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Europska normizacija
CEN

EN ISO 8637-2:2018
Extracorporeal systems for blood purification – Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (ISO 8637-2:2018)

Međunarodna normizacija
ISO

ISO 7206-10:2018
Implants for surgery – Partial and total hip-joint prostheses – Part 10: Determination of resistance to static load of modular femoral heads

ISO 14242-1 AMD 1:2018
Implants for surgery – Wear of total hip-joint prostheses – Part 1: Loading and displacement parameters for wear-testing machines and corresponding environmental conditions for test; Amendment 1

11.040.99 Ostala medicinska oprema

Međunarodna normizacija
ISO

ISO 20493:2018
Traditional Chinese medicine – Infrared moxibustion-like instrument

11.080.01 Sterilizacija i dezinfekcija općenito

Međunarodna normizacija
ISO

ISO 11139:2018
Sterilization of health care products – Vocabulary of terms used in sterilization and related equipment and process standards

ISO 18472:2018
Sterilization of health care products – Biological and chemical indicators – Test equipment

11.100.20 Biološko vrednovanje medicinskih proizvoda

Međunarodna normizacija
ISO

ISO 10993-1:2018
Biological evaluation of medical devices – Part 1: Evaluation and testing within a risk management process

11.120.10 Lijekovi

Međunarodna normizacija
ISO

ISO/TR 23021:2018
Traditional Chinese medicine – Controlled vocabulary on Japanese Kampo crude drugs

13.020.40 Onečišćenje, nadzor nad onečišćenjem i zaštita od onečišćenja

Međunarodna normizacija
ISO

ISO 14067:2018
Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification

13.030.01 Otpad općenito

Europska normizacija
CEN

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)

13.040.20 Atmosfera okoliša

Međunarodna normizacija
ISO

ISO 16000-34:2018
Indoor air – Part 34: Strategies for the measurement of airborne particles

13.060.20 Voda za piće

Europska normizacija
CENELEC

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/A1:2013, modified)

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/A2:2016)

13.060.70 Ispitivanje bioloških svojstava vode

Međunarodna normizacija
ISO

ISO 19040-1:2018
Water quality – Determination of the estrogenic potential of water and waste water – Part 1: Yeast estrogen screen (*Saccharomyces cerevisiae*)

ISO 19040-2:2018
Water quality – Determination of the estrogenic potential of water and waste water – Part 2: Yeast estrogen screen (*A-YES*, *Arxula adenivorans*)

ISO 19040-3:2018
Water quality – Determination of the estrogenic potential of water and waste water – Part 3: In vitro human cell-based reporter gene assay

13.080.10 Kemijske značajke tla

Europska normizacija
CEN

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)

13.080.99 Ostale norme koje se odnose na kvalitetu tla

Međunarodna normizacija
ISO

ISO 19258:2018
Soil quality – Guidance on the determination of background values

13.180 Ergonomija

Međunarodna normizacija
ISO

ISO 9241-306:2018
Ergonomics of human-system interaction – Part 306: Field assessment methods for electronic visual displays

13.220.10 Vatrogastvo

Međunarodna normizacija
ISO

ISO 7202:2018
Fire protection – Fire extinguishing media – Powder

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija
CEN

EN 6059-309:2018
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 309: Fire resistance when fitted on a cable bundle

13.260 Zaštita od električnog udara. Rad pod naponom

Europska normizacija
CENELEC

EN 50321-1:2018/AC:2018
Live working – Footwear for electrical protection – Part 1: Insulating footwear and overboots

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

13.310 Zaštita od kriminala

Europska normizacija
CENELEC

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)

13.340.50 Zaštita nogu i stopala

Europska normizacija
CENELEC

EN 50321-1:2018/AC:2018
Live working – Footwear for electrical protection – Part 1:
Insulating footwear and overboots

17.140.20 Buka koju proizvode strojevi i oprema

Europska normizacija
CENELEC

EN 61400-11:2013/A1:2018
Wind turbines – Part 11: Acoustic noise measurement
techniques (IEC 61400-11:2012/A1:2018)

Međunarodna normizacija
ISO

ISO 9902-6:2018
Textile machinery – Noise test code – Part 6: Fabric
manufacturing machinery

17.140.30 Buka koju proizvode prijevozna sredstva

Europska normizacija
CENELEC

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)

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija
ISO

ISO 20816-8:2018
Mechanical vibration – Measurement and evaluation of
machine vibration – Part 8: Reciprocating compressor
systems

17.180.20 Boje i mjerenje svjetlosti

Međunarodna normizacija
IEC

IEC 62707-1 AMD 1:2018
LED-binning – Part 1: General requirements and white colour
grid intended for automotive applications; Amendment 1

IEC 62707-1 Edition 1.1:2018
LED-binning – Part 1: General requirements and white colour
grid intended for automotive applications

17.220.01 Elektricitet. Magnetizam. Opći aspekti

Europska normizacija
CENELEC

EN IEC 60375:2018
Conventions concerning electric circuits (IEC 60375:2018)

17.220.20 Mjerenje električnih i magnetskih veličina

Međunarodna normizacija
IEC

IEC 60051-2:2018
Direct acting indicating analogue electrical measuring
instruments and their accessories – Part 2: Special
requirements for ammeters and voltmeters

IEC 60051-3:2018
Direct acting indicating analogue electrical measuring
instruments and their accessories – Part 3: Special
requirements for wattmeters and varmeters

IEC 60051-4:2018
Direct acting indicating analogue electrical measuring
instruments and their accessories title – Part 4: Special
requirements for frequency meters

IEC/TR 62967:2018
Methods for calculating the main static performance indicators
of transducers and transmitters

17.240 Mjerenja zračenja

Međunarodna normizacija
IEC

IEC/TR 63170:2018
Measurement procedure for the evaluation of power density
related to human exposure to radio frequency fields from
wireless communication devices operating between 6 GHz
and 100 GHz

19.040 Ispitivanje utjecaja okoliša

Europska normizacija
CENELEC

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

19.100 Nerazorna ispitivanja

Međunarodna normizacija
ISO

ISO 19232-5:2018
Non-destructive testing – Image quality of radiographs
– Part 5: Determination of the image unsharpness and basic
spatial resolution value using duplex wire-type image quality
indicators

21.020 Značajke i konstrukcija strojeva, uređaja i opreme

Europska normizacija
CEN

EN 9278:2018
Aerospace series – General Principles of Obsolescence
Management of chemicals, materials and processes

Međunarodna normizacija
IEC

IEC 60812:2018
Failure modes and effects analysis (FMEA and FMECA)

21.060.01 Spojni elementi općenito

Međunarodna normizacija ISO

ISO 4042:2018
Fasteners – Electroplated coating systems

ISO 10683:2018
Fasteners – Non-electrolytically applied zinc flake coating systems

23.020.35 Plinske boce

Europska normizacija CEN

EN ISO 13769:2018
Gas cylinders – Stamp marking (ISO 13769:2018)

EN ISO 17871:2015/A1:2018
Gas cylinders – Quick-release cylinder valves – Specification and type testing – Amendment 1 (ISO 17871:2015/Amd 1:2018)

23.040.20 Plastične cijevi

Europska normizacija CEN

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)

23.040.45 Plastične spojnice

Europska normizacija CEN

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)

23.100.40 Cijevovodi i spojnice

Europska normizacija CEN

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

23.160 Vakuumska tehnologija

Međunarodna normizacija ISO

ISO 21360-4:2018
Vacuum technology – Standard methods for measuring vacuum-pump performance – Part 4: Turbomolecular vacuum pumps

25.040.01 Sustavi industrijske automatizacije općenito

Međunarodna normizacija ISO

ISO 16100-6:2018
Industrial automation systems and integration – Manufacturing software capability profiling for interoperability – Part 6: Interface services and protocols for matching profiles based on multiple capability class structures

ISO 20140-2:2018
Automation systems and integration – Evaluating energy efficiency and other factors of manufacturing systems that influence the environment – Part 2: Environmental performance evaluation process

25.040.30 Industrijski roboti. Manipulatori

Međunarodna normizacija ISO

ISO/TR 20218-1:2018
Robotics – Safety design for industrial robot systems – Part 1: End-effectors

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Europska normizacija CENELEC

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)

Međunarodna normizacija ISO

ISO 15926-13:2018
Industrial automation systems and integration – Integration of life-cycle data for process plants including oil and gas production facilities – Part 13: Integrated asset planning life-cycle

25.160.20 Dodatni i potrošni materijali za zavarivanje

Europska normizacija CEN

CEN ISO/TR 20173:2018
Welding – Grouping systems for materials – American materials (ISO 20173:2018)

Međunarodna normizacija ISO

ISO 2401:2018
Welding consumables – Covered electrodes – Determination of the efficiency, metal recovery and deposition coefficient

ISO 18275:2018
Welding consumables – Covered electrodes for manual metal arc welding of high-strength steels – Classification

ISO 24373:2018
Welding consumables – Solid wires and rods for fusion welding of copper and copper alloys – Classification

25.160.40 Zavareni spojevi i zavari

Europska normizacija CEN

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

Međunarodna normizacija ISO

ISO 3690:2018
Welding and allied processes – Determination of hydrogen content in arc weld metal

ISO 8249:2018
Welding – Determination of Ferrite Number (FN) in austenitic and duplex ferritic-austenitic Cr-Ni stainless steel weld metals

25.220.10 Priprema površina

Međunarodna normizacija ISO

- ISO 11124-1:2018
Preparation of steel substrates before application of paints and related products – Specifications for metallic blast-cleaning abrasives – Part 1: General introduction and classification
- ISO 11124-2:2018
Preparation of steel substrates before application of paints and related products – Specifications for metallic blast-cleaning abrasives – Part 2: Chilled-iron grit
- ISO 11124-4:2018
Preparation of steel substrates before application of paints and related products – Specifications for metallic blast-cleaning abrasives – Part 4: Low-carbon cast-steel shot
- ISO 11125-2:2018
Preparation of steel substrates before application of paints and related products – Test methods for metallic blast-cleaning abrasives – Part 2: Determination of particle size distribution
- ISO 11125-3:2018
Preparation of steel substrates before application of paints and related products – Test methods for metallic blast-cleaning abrasives – Part 3: Determination of hardness
- ISO 11125-4:2018
Preparation of steel substrates before application of paints and related products – Test methods for metallic blast-cleaning abrasives – Part 4: Determination of apparent density
- ISO 11125-5:2018
Preparation of steel substrates before application of paints and related products – Test methods for metallic blast-cleaning abrasives – Part 5: Determination of percentage defective particles and of microstructure
- ISO 11125-6:2018
Preparation of steel substrates before application of paints and related products – Test methods for metallic blast-cleaning abrasives – Part 6: Determination of foreign matter
- ISO 11126-1:2018
Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 1: General introduction and classification
- ISO 11126-3:2018
Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 3: Copper refinery slag
- ISO 11126-4:2018
Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 4: Coal furnace slag
- ISO 11126-6:2018
Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 6: Iron and steel slags
- ISO 11126-7:2018
Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 7: Fused aluminium oxide
- ISO 11126-8:2018
Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 8: Olivine

25.220.20 Površinska obrada

Međunarodna normizacija ISO

- ISO 2085:2018
Anodizing of aluminium and its alloys – Check for continuity of thin anodic oxidation coatings – Copper sulfate test

ISO 6581:2018
Anodizing of aluminium and its alloys – Determination of the comparative fastness to ultraviolet light and heat of coloured anodic oxidation coatings

ISO 8251:2018
Anodizing of aluminium and its alloys – Measurement of abrasion resistance of anodic oxidation coatings

25.220.40 Metalne prevlake

Međunarodna normizacija ISO

ISO 10683:2018
Fasteners – Non-electrolytically applied zinc flake coating systems

27.010 Tehnika prijenosa energije i topline općenito

Europska normizacija CENELEC

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)

27.015 Energetska učinkovitost. Očuvanje energije općenito

Europska normizacija CEN

EN ISO 50001:2018
Energy management systems – Requirements with guidance for use (ISO 50001:2018)

CENELEC

CLC/TR 50600-99-1:2018
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management

CLC/TR 50600-99-2:2018
Information technology – Data centre facilities and infrastructures – Part 99-2: Recommended practices for environmental sustainability

CLC/TR 50600-99-3:2018
Information technology – Data centre facilities and infrastructures – Part 99-3: Guidance to the application of EN 50600 series

Međunarodna normizacija ISO

ISO 50001:2018
Energy management systems – Requirements with guidance for use

27.070 Gorivi članci

Europska normizacija CENELEC

EN IEC 62282-5-100:2018
Fuel cell technologies – Part 5-100: Portable fuel cell power systems – Safety (IEC 62282-5-100:2018)

27.120.30 Fisijski materijali i tehnologija nuklearnog goriva

Međunarodna normizacija ISO

ISO 16793:2018
Nuclear fuel technology – Guidelines for ceramographic preparation of UO₂ sintered pellets for microstructure examination

27.160 Solarna energetika

Međunarodna normizacija IEC

- IEC 61853-3:2018
Photovoltaic (PV) module performance testing and energy rating – Part 3: Energy rating of PV modules
- IEC 61853-4:2018
Photovoltaic (PV) module performance testing and energy rating – Part 4: Standard reference climatic profiles
- IEC 62446-1 AMD 1:2018
Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 1: Grid connected systems – Documentation, commissioning tests and inspection; Amendment 1
- IEC 62446-1 Edition 1.1:2018
Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 1: Grid connected systems – Documentation, commissioning tests and inspection
- IEC/TR 63149:2018
Land usage of photovoltaic (PV) farms – Mathematical models and calculation examples

27.180 Sustavi vjetroagregata

Europska normizacija CENELEC

- EN 61400-11:2012/A1:2018
Wind turbines – Part 11: Acoustic noise measurement techniques (IEC 61400-11:2012/A1:2018)

29.020 Elektrotehnika općenito

Međunarodna normizacija IEC

- IEC 60812:2018
Failure modes and effects analysis (FMEA and FMECA)

29.035.20 Plastični i gumeni izolacijski materijali

Europska normizacija CEN

- EN 4840-001:2018
Aerospace series – Heat shrinkable moulded shapes – Part 001: Technical specification

29.040.10 Izolacijska ulja

Međunarodna normizacija IEC

- IEC 60156:2018
Insulating liquids – Determination of the breakdown voltage at power frequency – Test method

29.040.20 Izolacijski plinovi

Europska normizacija CENELEC

- EN IEC 60376:2018
Specification of technical grade sulphur hexafluoride (SF6) and complementary gases to be used in its mixtures for use in electrical equipment (IEC 60376:2018)

29.050 Supravodljivost i vodljivi materijali

Europska normizacija CENELEC

- EN 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 (IEC 61788-24:2018)

Međunarodna normizacija IEC

- IEC 61788-25:2018
Superconductivity – Part 25: Mechanical properties measurement – Room temperature tensile test on REBCO wires

29.080.10 Izolatori

Europska normizacija CENELEC

- EN 61466-2:1998/A2:2018
Composite string insulator units for overhead lines with a nominal voltage greater than 1000 V – Part 2: Dimensional and electrical characteristics (IEC 61466-2:1998/A2:2018)

Međunarodna normizacija IEC

- IEC 60507 Corrigendum 1:2018
Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a.c. systems; Corrigendum 1

29.100.10 Magnetski sastavni dijelovi

Europska normizacija CENELEC

- 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)

29.120.10 Zaštitne cijevi za električne potrebe

Međunarodna normizacija IEC

- IEC 62275:2018
Cable management systems – Cable ties for electrical installations

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija CENELEC

- EN IEC 60127-8:2018
Miniature fuses – Part 8: Fuse resistors with particular overcurrent protection (IEC 60127-8:2018)

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Europska normizacija CENELEC

- EN IEC 62271-102:2018
High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (IEC 62271-102:2018)

Međunarodna normizacija IEC

IEC/TR 62271-306 AMD 1:2018
High-voltage switchgear and controlgear – Part 306: Guide to IEC 62271-100, IEC 62271-1 and other IEC standards related to alternating current circuit-breakers; Amendment 1

IEC/TR 62271-306 Edition 1.1:2018
High-voltage switchgear and controlgear – Part 306: Guide to IEC 62271-100, IEC 62271-1 and other IEC standards related to alternating current circuit-breakers

29.140.10 Kape i držači svjetiljki

Europska normizacija CENELEC

EN IEC 60238:2018/A1:2018
Edison screw lampholders (IEC 60238:2016/A1:2017+COR1:2018)

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Europska normizacija CENELEC

EN 50107-3:2018
Product standard covering luminous signs with discharge lamps and/or LED (light emitting diodes) and/or EL (electroluminescent) light sources with a nominal voltage not exceeding 1000 V, with the exclusion of general lighting, traffic- or emergency related purpose

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

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)

Međunarodna normizacija IEC

IEC 62612 AMD 2:2018
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements; Amendment 2

IEC 62612 Edition 1.2:2018
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements

IEC 62707-1 AMD 1:2018
LED-binning – Part 1: General requirements and white colour grid intended for automotive applications; Amendment 1

IEC 62707-1 Edition 1.1:2018
LED-binning – Part 1: General requirements and white colour grid intended for automotive applications

29.160.01 Rotacijski strojevi općenito

Europska normizacija CENELEC

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)

Međunarodna normizacija IEC

IEC 60034-14:2018
Rotating electrical machines – Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher – Measurement, evaluation and limits of vibration severity

29.180 Transformatori. Prigušnice

Međunarodna normizacija IEC

IEC 60076-11:2018
Power transformers – Part 11: Dry-type transformers

31.060.50 Aluminijski elektrolitski kondenzatori

Europska normizacija CENELEC

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)

31.080.01 Poluvodičke naprave općenito

Europska normizacija CENELEC

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

31.200 Integrirani krugovi. Mikroelektronika

Europska normizacija CENELEC

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

Međunarodna normizacija IEC

IEC 62435-6:2018
Electronic components – Long-term storage of electronic semiconductor devices – Part 6: Packaged or finished devices

31.240 Mehaničke konstrukcije za elektroničku opremu

Međunarodna normizacija IEC

IEC 60297-3-110:2018
Mechanical structures for electrical and electronic equipment – Dimensions of mechanical structures of the 482,6 mm (19 in) series – Part 3-110: Residential racks and cabinets for smart houses

33.120.10 Koaksijalni kabeli. Valovodi

Međunarodna normizacija IEC

IEC 62153-4-17:2018
Metallic cables and other passive components – Test methods – Part 4-17: Electromagnetic compatibility (EMC) – Reduction Factor

33.120.20 Žice i simetrični kabeli

Europska normizacija CENELEC

- 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)

33.120.30 RF konektori

Europska normizacija CENELEC

- 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)

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija CENELEC

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

Međunarodna normizacija IEC

- IEC 60793-1-49:2018
Optical fibres – Part 1-49: Measurement methods and test
procedures – Differential mode delay

- IEC 60794-4-20:2018
Optical fibre cables – Part 4-20: Sectional specification
– Aerial optical cables along electrical power lines – Family
specification for ADSS (all dielectric self-supported) optical
cables

33.180.20 Svjetlovodni vezne naprave

Europska normizacija CENELEC

- 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 63032:2018
Fibre optic interconnecting devices and passive components
– Fibre optic tuneable bandpass filters – Generic specification
(IEC 63032:2018)

Međunarodna normizacija IEC

- IEC 61753-1:2018
Fibre optic interconnecting devices and passive components
– Performance standard – Part 1: General and guidance

33.200 Daljinsko upravljanje. Daljinsko mjerjenje

Europska normizacija CENELEC

- 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)

35.020 Informacijska tehnologija (IT) općenito

Europska normizacija CEN

- CWA 16458-1:2018
European ICT professionals role profiles – Part 1: 30 ICT
profiles

- CWA 16458-2:2018
European ICT professionals role profiles – Part 2: User guides

- CWA 16458-3:2018
European ICT professional role profiles – Part 3: Methodology
documentation

- CWA 16458-4:2018-08
European ICT professional role profiles – Part 4: Case studies

- CLC/TR 50600-99-1:2018
Information technology – Data centre facilities and
infrastructures – Part 99-1: Recommended practices for
energy management

- CLC/TR 50600-99-2:2018
Information technology – Data centre facilities and
infrastructures – Part 99-2: Recommended practices for
environmental sustainability

- CLC/TR 50600-99-3:2018
Information technology – Data centre facilities and
infrastructures – Part 99-3: Guidance to the application of
EN 50600 series

35.030 Informatička sigurnost

Međunarodna normizacija ISO

- ISO/IEC 19896-2:2018
IT security techniques – Competence requirements for
information security testers and evaluators – Part 2:
Knowledge, skills and effectiveness requirements for
ISO/IEC 19790 testers

- ISO/IEC 19896-3:2018
IT security techniques – Competence requirements for
information security testers and evaluators – Part 3:
Knowledge, skills and effectiveness requirements for
ISO/IEC 15408 evaluators

- ISO/IEC 21964-1:2018
Information technology – Destruction of data carriers – Part 1:
Principles and definitions

- ISO/IEC 21964-2:2018
Information technology – Destruction of data carriers – Part 2:
Requirements for equipment for destruction of data carriers

- ISO/IEC 21964-3:2018
Information technology – Destruction of data carriers – Part 3:
Process of destruction of data carriers

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija ISO

- ISO/IEC 23008-6:2018
Information technology – High efficiency coding and media
delivery in heterogeneous environments – Part 6: 3D audio
reference software

- ISO/IEC 23008-8:2018
Information technology – High efficiency coding and
media delivery in heterogeneous environments – Part 8:
Conformance specification for HEVC

- ISO/IEC TR 23008-14:2018
Information technology – High efficiency coding and media
delivery in heterogeneous environments – Part 14: Conversion
and coding practices for HDR/WCG Y'CbCr 4:2:0 video with
PQ transfer characteristics

ISO/IEC TR 23008-15:2018
Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 15: Signalling, backward compatibility and display adaptation for HDR/WCG video

35.100.20 Sloj veze između podataka

Međunarodna normizacija IEC

- IEC 61784-5-2:2018
Industrial communication networks – Profiles – Part 5-2: Installation of fieldbuses – Installation profiles for CPF 2
- IEC 61784-5-3:2018
Industrial communication networks – Profiles – Part 5-3: Installation of fieldbuses – Installation profiles for CPF 3
- IEC 61784-5-6:2018
Industrial communication networks – Profiles – Part 5-6: Installation of fieldbuses – Installation profiles for CPF 6
- IEC 61784-5-8:2018
Industrial communication networks – Profiles – Part 5-8: Installation of fieldbuses – Installation profiles for CPF 8
- IEC 61784-5-12:2018
Industrial communication networks – Profiles – Part 5-12: Installation of fieldbuses – Installation profiles for CPF 12
- IEC 61784-5-18:2018
Industrial communication networks – Profiles – Part 5-18: Installation of fieldbuses – Installation profiles for CPF 18
- IEC 61784-5-20:2018
Industrial communication networks – Profiles – Part 5-20: Installation of fieldbuses – Installation profiles for CPF 20
- IEC 61784-5-21:2018
Industrial communication networks – Profiles – Part 5-21: Installation of fieldbuses – Installation profiles for CPF 21

35.110 Umrežavanje

Europska normizacija CENELEC

- CLC/TR 50600-99-1:2018
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management
- CLC/TR 50600-99-2:2018
Information technology – Data centre facilities and infrastructures – Part 99-2: Recommended practices for environmental sustainability
- CLC/TR 50600-99-3:2018
Information technology – Data centre facilities and infrastructures – Part 99-3: Guidance to the application of EN 50600 series

35.160 Mikroprocesorski sustavi

Europska normizacija CENELEC

- CLC/TR 50600-99-1:2018
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management
- CLC/TR 50600-99-2:2018
Information technology – Data centre facilities and infrastructures – Part 99-2: Recommended practices for environmental sustainability
- CLC/TR 50600-99-3:2018
Information technology – Data centre facilities and infrastructures – Part 99-3: Guidance to the application of EN 50600 series

Međunarodna normizacija IEC

- IEC 61784-5-2:2018
Industrial communication networks – Profiles – Part 5-2: Installation of fieldbuses – Installation profiles for CPF 2
- IEC 61784-5-3:2018
Industrial communication networks – Profiles – Part 5-3: Installation of fieldbuses – Installation profiles for CPF 3
- IEC 61784-5-6:2018
Industrial communication networks – Profiles – Part 5-6: Installation of fieldbuses – Installation profiles for CPF 6
- IEC 61784-5-8:2018
Industrial communication networks – Profiles – Part 5-8: Installation of fieldbuses – Installation profiles for CPF 8
- IEC 61784-5-12:2018
Industrial communication networks – Profiles – Part 5-12: Installation of fieldbuses – Installation profiles for CPF 12
- IEC 61784-5-18:2018
Industrial communication networks – Profiles – Part 5-18: Installation of fieldbuses – Installation profiles for CPF 18
- IEC 61784-5-20:2018
Industrial communication networks – Profiles – Part 5-20: Installation of fieldbuses – Installation profiles for CPF 20
- IEC 61784-5-21:2018
Industrial communication networks – Profiles – Part 5-21: Installation of fieldbuses – Installation profiles for CPF 21

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija ISO

- ISO 9241-306:2018
Ergonomics of human-system interaction – Part 306: Field assessment methods for electronic visual displays

35.200 Sučelna i spojna oprema

Europska normizacija CENELEC

- 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)

35.240.15 Identifikacijske kartice i pripadajuće naprave

Međunarodna normizacija ISO

- ISO/IEC 7811-1:2018
Identification cards – Recording technique – Part 1: Embossing
- ISO/IEC 7811-2:2018
Identification cards – Recording technique – Part 2: Magnetic stripe: Low coercivity
- ISO/IEC 7811-6:2018
Identification cards – Recording technique – Part 6: Magnetic stripe: High coercivity
- ISO/IEC 7811-7:2018
Identification cards – Recording technique – Part 7: Magnetic stripe: High coercivity, high density
- ISO/IEC 7816-4 AMD 2:2018
Identification cards – Integrated circuit cards – Part 4: Organization, security and commands for interchange – Amendment 2: Waiting time management
- ISO/IEC 10373-3:2018
Identification cards – Test methods – Part 3: Integrated circuit cards with contacts and related interface devices

35.240.20 Primjene informacijske tehnologije u uredskom poslovanju

Europska normizacija
CEN

CWA 17302:2018
City Resilience Development – Information Portal

35.240.50 Primjene informacijske tehnologije u industriji

Europska normizacija
CENELEC

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)

Međunarodna normizacija
IEC

IEC 61784-5-2:2018
Industrial communication networks – Profiles – Part 5-2: Installation of fieldbuses – Installation profiles for CPF 2

IEC 61784-5-3:2018
Industrial communication networks – Profiles – Part 5-3: Installation of fieldbuses – Installation profiles for CPF 3

IEC 61784-5-6:2018
Industrial communication networks – Profiles – Part 5-6: Installation of fieldbuses – Installation profiles for CPF 6

IEC 61784-5-8:2018
Industrial communication networks – Profiles – Part 5-8: Installation of fieldbuses – Installation profiles for CPF 8

IEC 61784-5-12:2018
Industrial communication networks – Profiles – Part 5-12: Installation of fieldbuses – Installation profiles for CPF 12

IEC 61784-5-18:2018
Industrial communication networks – Profiles – Part 5-18: Installation of fieldbuses – Installation profiles for CPF 18

IEC 61784-5-20:2018
Industrial communication networks – Profiles – Part 5-20: Installation of fieldbuses – Installation profiles for CPF 20

IEC 61784-5-21:2018
Industrial communication networks – Profiles – Part 5-21: Installation of fieldbuses – Installation profiles for CPF 21

37.040.25 Radiografski filmovi

Međunarodna normizacija
ISO

ISO 11699-2:2018
Non-destructive testing – Industrial radiographic films – Part 2: Control of film processing by means of reference values

43.040.10 Električna i elektronička oprema

Europska normizacija
CENELEC

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

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Međunarodna normizacija
ISO

ISO 18541-5:2018
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 5: Heavy duty specific provision

43.060.40 Sustavi goriva

Međunarodna normizacija
ISO

ISO 8789:2018
Rubber hoses and hose assemblies for liquefied petroleum gas in motor vehicles – Specification

ISO 21042:2018
Gasoline engines with direct fuel injection (GDI engines) – Installation of the high pressure fuel pump to the engine

43.120 Električna cestovna vozila

Međunarodna normizacija
ISO

ISO 20762:2018
Electrically propelled road vehicles – Determination of power for propulsion of hybrid electric vehicle

43.180 Oprema za dijagnostiku, održavanje i ispitivanje

Međunarodna normizacija
ISO

ISO 18541-5:2018
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 5: Heavy duty specific provision

45.060.10 Vučna vozila

Međunarodna normizacija
IEC

IEC 62888-5:2018
Railway applications – Energy measurement on board trains – Part 5: Conformance test

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija
CENELEC

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 61162-460:2018
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)

Međunarodna normizacija
IEC

IEC 62923-1:2018
Maritime navigation and radiocommunication equipment and systems – Bridge alert management – Part 1: Operational and performance requirements, methods of testing and required test results

IEC 62923-2:2018
Maritime navigation and radiocommunication equipment and systems – Bridge alert management – Part 2: Alert and cluster identifiers and other additional features

47.060 Plovila za unutrašnji promet

**Međunarodna normizacija
ISO**

ISO 8384:2018
Ships and marine technology – Dredgers – Vocabulary

49.020 Zrakoplovi i svemirska vozila općenito

**Europska normizacija
CEN**

EN 9278:2018
Aerospace series – General Principles of Obsolescence Management of chemicals, materials and processes

CENELEC

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)

49.025.10 Čelici

**Europska normizacija
CEN**

EN 2031:2018
Aerospace series – Steel 102Cr6 (067) – Hardened and tempered – Bars

EN 2475:2018
Aerospace series – Steel 30CrNiMo8 (1.6580) – Air melted, hardened and tempered – Bar for machining – $D_e \leq 100$ mm – 1100 MPa $\leq R_m \leq 1300$ MPa

49.060 Zrakoplovna električna oprema i sustavi

**Europska normizacija
CEN**

EN 2084:2018
Aerospace series – Cables, electrical, general purpose, with conductors in copper or copper alloy – Technical specification

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 4611-002:2018
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 002: General

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 4840-001:2018
Aerospace series – Heat shrinkable moulded shapes – Part 001: Technical specification

EN 6049-001:2018
Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 001: Technical specification

EN 6049-003:2018
Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 003: Braided, tubular, expandable – Product standard

EN 6059-309:2018
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 309: Fire resistance when fitted on a cable bundle

49.080 Hidraulični i pneumatski sustavi i sastavni dijelovi za zrakoplove

**Međunarodna normizacija
ISO**

ISO 5884:2018
Aerospace series – Fluid systems and components – Methods for system sampling and measuring the solid particle contamination in hydraulic fluids

49.090 Oprema i instrumenti u zrakoplovu

**Europska normizacija
CEN**

EN 3375-001:2018
Aerospace series – Cable, electrical, for digital data transmission – Part 001: Technical specification

49.140 Svemirski sustavi i operacije

**Europska normizacija
CEN**

EN 16603-20-20:2018
Space engineering – Electrical design and interface requirements for power supply

**Međunarodna normizacija
ISO**

ISO 16091:2018
Space systems – Integrated logistic support

53.100 Strojevi za zemljane radove

**Europska normizacija
CEN**

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)

59.080.40 Naslojeni plošni tekstil

**Međunarodna normizacija
ISO**

ISO 1419:2018
Rubber- or plastics-coated fabrics – Accelerated-ageing tests

59.100.20 Ugljični materijali

**Međunarodna normizacija
ISO**

ISO 11567:2018
Carbon fibre – Determination of filament diameter and cross-sectional area

59.120.30 Tkalački stanovi. Automatski tkalački stanovi

Međunarodna normizacija ISO

ISO 9902-6:2018
Textile machinery – Noise test code – Part 6: Fabric manufacturing machinery

59.140.30 Koža i krzno

Međunarodna normizacija ISO

ISO 11640:2018
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing

65.060.35 Oprema za navodnjavanje i isušivanje

Međunarodna normizacija ISO

ISO 9644:2018
Agricultural irrigation equipment – Pressure losses in irrigation valves – Test method

ISO 9912-4:2018
Agricultural irrigation equipment – Filters for microirrigation – Part 4: Granulated media filters

ISO/TR 15155-1:2018
Agricultural irrigation equipment – Test facilities for agricultural irrigation equipment – Part 1: General

65.060.40 Oprema za njegu biljaka

Međunarodna normizacija ISO

ISO 10625:2018
Equipment for crop protection – Sprayer nozzles – Colour coding for identification

65.080 Gnojiva

Međunarodna normizacija ISO

ISO 19822:2018
Fertilizers and soil conditioners – Determination of humic and hydrophobic fulvic acids concentrations in fertilizer materials

65.160 Duhan, duhanski proizvodi i odgovarajuća oprema

Međunarodna normizacija ISO

ISO 21045:2018
Tobacco and tobacco products – Determination of ammonia – Method using ion chromatographic analysis

67.200.10 Životinjske i biljne masti i ulja

Europska normizacija CEN

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

Međunarodna normizacija ISO

ISO 18363-2:2018
Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 2: Method using slow alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol

ISO 21846:2018
Vegetable fats and oils – Determination of composition of triacylglycerols and composition and content of diacylglycerols by capillary gas chromatography

71.100.20 Plinovi za industrijsku primjenu

Međunarodna normizacija ISO

ISO 16111:2018
Transportable gas storage devices – Hydrogen absorbed in reversible metal hydride

75.020 Crpenje i obrada nafte i prirodnoga plina

Međunarodna normizacija ISO

ISO 15926-13:2018
Industrial automation systems and integration – Integration of life-cycle data for process plants including oil and gas production facilities – Part 13: Integrated asset planning life-cycle

77.060 Korozija metala

Međunarodna normizacija ISO

ISO 7539-6:2018
Corrosion of metals and alloys – Stress corrosion testing – Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement

77.080.10 Željezni lijevovi

Europska normizacija CEN

EN 1563:2018
Founding – Spheroidal graphite cast irons

77.120.20 Magnezij i magnezijeve legure

Međunarodna normizacija ISO

ISO 20258:2018
Magnesium lithium alloys – Determination of lithium – Inductively coupled plasma optical emission spectrometric method

77.140.20 Nehrđajući čelici

Međunarodna normizacija ISO

ISO 18632:2018
Alloyed steels – Determination of manganese – Potentiometric or visual titration method

77.140.30 Čelici za tlačne svrhe

Međunarodna normizacija ISO

ISO 4978:2018
Steel sheet and strip for welded gas cylinders

81.040.20 Staklo u graditeljstvu

Europska normizacija CEN

EN 1096-4:2018
Glass in building – Coated glass – Part 4: Product standard

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

ISO 21819-1:2018
Fine ceramics (advanced ceramics, advanced technical ceramics) – Characteristic of piezoelectric properties under high-load conditions – Part 1: Resonant-antiresonant method under high-temperature conditions

ISO 21819-2:2018
Fine ceramics (advanced ceramics, advanced technical ceramics) – Characteristic of piezoelectric properties under high-load conditions – Part 2: Electrical transient response method under high vibration levels

83.060 Guma

Međunarodna normizacija ISO

ISO 48-1:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 1: Introduction and guidance

ISO 48-2:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 2: Hardness between 10 IRHD and 100 IRHD

ISO 48-3:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 3: Dead-load hardness using the very low rubber hardness (VLRH) scale

ISO 48-4:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 4: Indentation hardness by durometer method (Shore hardness)

ISO 48-5:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 5: Indentation hardness by IRHD pocket meter method

ISO 48-9:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 9: Calibration and verification of hardness testers

ISO 6101-5:2018
Rubber – Determination of metal content by atomic absorption spectrometry – Part 5: Determination of iron content

83.080.01 Plastika općenito

Europska normizacija CEN

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 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)

Međunarodna normizacija ISO

ISO 14852:2018
Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium – Method by analysis of evolved carbon dioxide

ISO 15314:2018
Plastics – Methods for marine exposure

ISO 17281:2018
Plastics – Determination of fracture toughness (GIC and KIC) at moderately high loading rates (1 m/s)

83.080.20 Plastomerni materijali

Međunarodna normizacija ISO

ISO 21970-1:2018
Plastics – Polyketone (PK) moulding and extrusion materials – Part 1: Designation system and basis for specifications

83.100 Pjenasti materijali

Europska normizacija CEN

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

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

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

83.120 Ojačana plastika

Međunarodna normizacija ISO

ISO 19927:2018
Fibre-reinforced plastic composites – Determination of interlaminar strength and modulus by double beam shear test

ISO 20975-2:2018
Fibre-reinforced plastic composites – Determination of laminate through-thickness properties – Part 2: Determination of the elastic modulus, the strength and the Weibull size effects by flexural test of unidirectional laminate, for carbon-fibre based systems

83.140.40 Crijeva

Međunarodna normizacija ISO

ISO 8789:2018
Rubber hoses and hose assemblies for liquefied petroleum gas in motor vehicles – Specification

83.140.99 Ostali gumeni i plastični proizvodi

Međunarodna normizacija ISO

- ISO 48-6:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 6: Apparent hardness of rubber-covered rollers by IRHD method
- ISO 48-7:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 7: Apparent hardness of rubber-covered rollers by Shore-type durometer method
- ISO 48-8:2018
Rubber, vulcanized or thermoplastic – Determination of hardness – Part 8: Apparent hardness of rubber-covered rollers by Pusey and Jones method

83.180 Adhezivi

Međunarodna normizacija ISO

- ISO 6238:2018
Adhesives – Wood-to-wood adhesive bonds – Determination of shear strength by compressive loading

87.040 Boje i lakovi

Međunarodna normizacija ISO

- ISO 2812-5:2018
Paints and varnishes – Determination of resistance to liquids – Part 5: Temperature-gradient oven method

87.060.10 Pigmenti i punila

Europska normizacija CEN

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

91.020 Prostorno planiranje. Urbanizacija

Europska normizacija CEN

- CWA 17300:2018
City Resilience Development – Operational Guidance
- CWA 17301:2018
City Resilience Development – Maturity Model
- CWA 17302:2018
City Resilience Development – Information Portal

91.060.30 Stropovi. Podovi. Stubišta

Europska normizacija CEN

- 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)

91.060.50 Vrata i prozori

Europska normizacija CEN

- EN 12519:2018
Windows and pedestrian doors – Terminology

91.120.10 Toplinska izolacija

Međunarodna normizacija ISO

- ISO 9869-2:2018
Thermal insulation – Building elements – In-situ measurement of thermal resistance and thermal transmittance – Part 2: Infrared method for frame structure dwelling

91.120.20 Akustika u zgradama. Zvučna izolacija

Europska normizacija CEN

- 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)

91.140.60 Sustavi opskrbe vodom

Europska normizacija CENELEC

- 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/A1:2013, modified)
- 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/A2:2016)

91.140.65 Oprema za grijanje vode

Međunarodna normizacija IEC

- IEC 60335-2-21 AMD 1:2018
Household and similar electrical appliances – Safety – Part 2-21: Particular requirements for storage water heaters; Amendment 1
- IEC 60335-2-21 Edition 6.1:2018
Household and similar electrical appliances – Safety – Part 2-21: Particular requirements for storage water heaters

91.140.80 Odvodni sustavi

Europska normizacija CEN

- 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)

91.220 Građevinska oprema

Međunarodna normizacija ISO

- ISO 19711-1:2018
Building construction machinery and equipment – Truck mixers – Part 1: Terminology and commercial specifications

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Međunarodna normizacija ISO

- ISO 22477-5:2018
Geotechnical investigation and testing – Testing of geotechnical structures – Part 5: Testing of grouted anchors

93.030 Vanjski kanalizacijski sustavi

Europska normizacija
CEN

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)

97.040.10 Kućanski namještaj

Europska normizacija
CENELEC

EN 60335-2-16:2003/A11:2018
Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija
IEC

IEC 60335-2-31 AMD 2:2018
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors; Amendment 2

IEC 60335-2-31 Edition 5.2:2018
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors

97.040.40 Strojevi za pranje posuđa

Međunarodna normizacija
IEC

IEC 60335-2-5 AMD 1 Corrigendum 1:2018
Household and similar electrical appliances – Safety – Part 2-5: Particular requirements for dishwashers; Amendment 1; Corrigendum 1

97.040.50 Mali kuhinjski uređaji

Europska normizacija
CENELEC

EN 60335-2-16:2003/A11:2018
Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers

97.060 Praonički uređaji

Europska normizacija
CENELEC

EN 60335-2-4:2010/A11:2018
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors

97.080 Uređaji za čišćenje podova

Međunarodna normizacija
IEC

IEC 62885-5:2018
Surface cleaning appliances – Part 5: High pressure cleaners and steam cleaners for household and commercial use – Methods for measuring performance

97.120 Automatsko upravljanje za kućansku upotrebu

Međunarodna normizacija
IEC

IEC 60730-2-8:2018
Automatic electrical controls – Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements

97.150 Netekstilni podni prekrivači

Europska normizacija
CEN

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

97.220.10 Sportski objekti

Europska normizacija
CEN

EN 13451-10:2018
Swimming pool equipment – Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment