

Hrvatski zavod za norme

Oglasnik za normativne dokumente

6/2012 prosinac, 2012.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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4 Obavijesti HZN-a

- 4.1 Cjenik hrvatskih norma

Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 163/03) 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 ISO 5270:2012 en pr
Pulpe – Laboratorijski listovi – Određivanje fizikalnih svojstava (ISO 5270:2012; EN ISO 5270:2012)
Pulps – Laboratory sheets – Determination of physical properties (ISO 5270:2012; EN ISO 5270:2012)

HZN/TO 8, *Brodogradnja*

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

HZN/TO 28, *Naftni proizvodi i maziva*

- HRN ISO 1998-2:2012 hr,en,fr pp
Naftna industrija – Nazivlje – 2. dio: Svojstva i ispitivanja (ISO 1998-2:1998)
Petroleum industry – Terminology – Part 2: Properties and tests (ISO 1998-2:1998)
- HRI CEN/TR 16435:2012 en pr
Tekući naftni proizvodi – Namješavanje oksigenata u skladu sa zahtjevima važeće norme EN 228 (CEN/TR 16435:2012)
Liquid petroleum products – Oxygenates blending in line with actual EN 228 requirements (CEN/TR 16435:2012)

HZN/TO 43, *Akustika*

- HRN DIN 18041:2012 de pr
Akustička kvaliteta malih do srednje velikih prostorija (DIN 18041:2004)
Hörsamkeit in kleinen bis mittelgroßen Räumen (DIN 18041:2004)

HZN/TO 71, *Beton*

- HRN EN 480-8:2012 en pr
Dodaci betonu, mortu i smjesi za injektiranje – Metode ispitivanja – 8. dio: Određivanje deklariranog sadržaja suhe tvari (EN 480-8:2012)
Admixtures for concrete, mortar and grout – Test methods – Part 8: Determination of the conventional dry material content (EN 480-8:2012)
- HRN EN 934-2:2012 en pr
Dodaci betonu, mortu i smjesi za injektiranje – 2. dio: Dodaci betonu – Definicije, zahtjevi, sukladnost, označavanje i obilježavanje (EN 934-2:2009+A1:2012)
Admixtures for concrete, mortar and grout – Part 2: Concrete admixtures – Definitions, requirements, conformity, marking and labelling (EN 934-2:2009+A1:2012)

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

- HRN EN 378-1:2012 en pr
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na okoliš i sigurnost – 1. dio: Osnovni zahtjevi, definicije, razredba i kriteriji odabira (EN 378-1:2008+A2:2012)
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 1: Basic requirements, definitions, classification and selection criteria (EN 378-1:2008+A2:2012)
- HRN EN 378-2:2012 en pr
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na sigurnost i okoliš – 2. dio: Projektiranje, izvedba, ispitivanje, označavanje i dokumentacija (EN 378-2:2008+A2:2012)
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 2: Design, construction, testing, marking and documentation (EN 378-2:2008+A2:2012)
- HRN EN 378-3:2012 en pr
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na okoliš i sigurnost – 3. dio: Mjesto instalacije i osobna zaštita (EN 378-3:2008+A1:2012)
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 3: Installation site and personal protection (EN 378-3:2008+A1:2012)
- HRN EN 378-4:2012 en pr
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na okoliš i sigurnost – 4. dio: Rukovanje, održavanje, popravci i sanacija (EN 378-4:2008+A1:2012)
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 4: Operation, maintenance, repair and recovery (EN 378-4:2008+A1:2012)

HZN/TO 92, *Zaštita od požara*

- HRN EN 1365-1:2012 en pr
Ispitivanja otpornosti na požar nosivih elemenata – 1. dio: Zidovi (EN 1365-1:2012)
Fire resistance tests for loadbearing elements – Part 1: Walls (EN 1365-1:2012)
- HRN EN 15269-2:2012 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 2. dio: Otpornost na požar zaokretnih čeličnih vrata (EN 15269-2:2012)
Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 2: Fire resistance of hinged and pivoted steel doorsets (EN 15269-2:2012)

HZN/TO 108, *Mehaničke vibracije i udari*

- HRN EN ISO 20643:2008/A1:2012 en pr
Mehaničke vibracije – Rukom pridržavani i ručno vođeni strojevi – Načela vrednovanja emisije vibracija – Amandman 1: Smještaj akcelerometra (ISO 20643:2005/Amd 1:2012; EN ISO 20643:2008/A1:2012)
Mechanical vibration – Hand-held and hand-guided machinery – Principles for evaluation of vibration emission – Amendment 1: Accelerometer positions (ISO 20643:2005/Amd 1:2012; EN ISO 20643:2008/A1:2012)
- HRN EN ISO 28927-12:2012 en pr
Ručni prijenosni strojni alati – Metode ispitivanja za vrednovanje emisije vibracije – 12. dio: Kutne brusilice (ISO 28927-12:2012; EN ISO 28927-12:2012)
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 12: Die grinders (ISO 28927-12:2012; EN ISO 28927-12:2012)

HZN/TO 116, Uređaji i oprema za izmjenu topline

- HRN EN 267:2012 en pr
Automatski pretlačni plamenici za kapljevita goriva (EN 267:2009+A1:2011)
Automatic forced draught burners for liquid fuels (EN 267:2009+A1:2011)
- HRN EN 303-5:2012 en pr
Toplovodni kotlovi – 5. dio: Kotlovi na kruto gorivo, ručno i automatski loženi, nazivne toplinske snage do 500 kW – Nazivlje, zahtjevi, ispitivanje i označivanje (EN 303-5:2012)
Heating boilers – Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW – Terminology, requirements, testing and marking (EN 303-5:2012)

HZN/TO 120, Koža i obuća

- HRN EN ISO 11640:2012 en pr
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na cikluse trljanja naprijed-nazad (ISO 11640:2012; EN ISO 11640:2012)
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing (ISO 11640:2012; EN ISO 11640:2012)
- HRN EN ISO 11641:2012 en pr
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na znoj (ISO 11641:2012; EN ISO 11641:2012)
Leather – Tests for colour fastness – Colour fastness to perspiration (ISO 11641:2012; EN ISO 11641:2012)
- HRN EN ISO 11642:2012 en pr
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na vodu (ISO 11642:2012; EN ISO 11642:2012)
Leather – Tests for colour fastness – Colour fastness to water (ISO 11642:2012; EN ISO 11642:2012)
- HRN EN 13336:2012 en pr
Koža – Značajke kože za presvlake – Upute za odabir kože za namještaj (EN 13336:2012)
Leather – Upholstery leather characteristics – Guide for selection of leather for furniture (EN 13336:2012)
- HRN EN ISO 14268:2012 en pr
Koža – Fizikalna i mehanička ispitivanja – Određivanje propusnosti vodene pare (ISO 14268:2012; EN ISO 14268:2012)
Leather – Physical and mechanical tests – Determination of water vapour permeability (ISO 14268:2012; EN ISO 14268:2012)
- HRN EN ISO 16177:2012 en pr
Obuća – Otpornost na početak i širenje pucanja – Metoda savijanjem na traci (ISO 16177:2012; EN ISO 16177:2012)
Footwear – Resistance to crack initiation and growth – Belt flex method (ISO 16177:2012; EN ISO 16177:2012)
- HRN EN 16223:2012 en pr
Koža – Zahtjevi za označivanje i opis kože za presvlake i unutrašnjost automobila (EN 16223:2012)
Leather – Requirements for the designation and description of leather in upholstery and automotive interior applications (EN 16223:2012)
- HRI CEN/TR 16417:2012 en pr
Obuća – Smjernice za tvari vrlo visokog značaja za industriju obuće (Dodatak XIV prema REACH-u) (CEN/TR 16417:2012)
Footwear – Footwear industry guideline for substances of very high concern (Annex XIV of REACH) (CEN/TR 16417:2012)
- HRN EN ISO 20433:2012 en pr
Koža – Ispitivanje postojanosti obojenja – Postojanost obojenja na trenje (ISO 20433:2012; EN ISO 20433:2012)
Leather – Tests for colour fastness – Colour fastness to crocking (ISO 20433:2012; EN ISO 20433:2012)

HZN/TO 121, Anestetička i respiracijska oprema

- HRN EN 1865-3:2012 en pr
Oprema za postupanje s bolesnikom koja se upotrebljava u cestovnim ambulantnim vozilima – 3. dio: Ležaj s pojačanim osobinama (EN 1865-3:2012)
Patient handling equipment used in road ambulances – Part 3: Heavy duty stretcher (EN 1865-3:2012)
- HRN EN 1865-5:2012 en pr
Oprema za postupanje s bolesnikom koja se upotrebljava u cestovnim ambulantnim vozilima – 5. dio: Nosač ležaja (EN 1865-5:2012)
Patient handling equipment used in road ambulances – Part 5: Stretcher support (EN 1865-5:2012)
- HRN EN ISO 5361:2012 en pr
Anestetička i respiracijska oprema – Trahealne cijevi i priključci (ISO 5361:2012; EN ISO 5361:2012+AC:2012)
Anaesthetic and respiratory equipment – Tracheal tubes and connectors (ISO 5361:2012; EN ISO 5361:2012+AC:2012)

HZN/TO 135, Nerazorna ispitivanja

- HRN EN ISO 3059:2012 en pr
Nerazorno ispitivanje – Ispitivanje penetrantima i ispitivanje magnetnim česticama – Uvjeti promatranja (ISO 3059:2012; EN ISO 3059:2012)
Non-destructive testing – Penetrant testing and magnetic particle testing – Viewing conditions (ISO 3059:2012; EN ISO 3059:2012)
- HRN EN ISO 9712:2012 en pr
Nerazorno ispitivanje – Kvalifikacija i certifikacija NDT osoblja (ISO 9712:2012; EN ISO 9712:2012)
Non-destructive testing – Qualification and certification of NDT personnel (ISO 9712:2012; EN ISO 9712:2012)

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

- HRN EN ISO 9080:2012 en pr
Plastični cijevni i kanalni sustavi – Određivanje dugotrajne hidrostatske čvrstoće plastomernih materijala u obliku cijevi ekstrapolacijom (ISO 9080:2012; EN ISO 9080:2012)
Plastics piping and ducting systems – Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation (ISO 9080:2012; EN ISO 9080:2012)
- HRN EN 12201-3:2012 en pr
Plastični tlačni cijevni sustavi za opskrbu vodom, odvodnju i kanalizaciju – Polietilen (PE) – 3. dio: Spojnice (EN 12201-3:2011+A1:2012)
Plastics piping systems for water supply, and for drainage and sewerage under pressure – Polyethylene (PE) – Part 3: Fittings (EN 12201-3:2011+A1:2012)
- HRI CEN ISO/TR 27165:2012 en pr
Plastomerni cijevni sustavi – Uputa za definiranje izvedbe stjenke cijevi (ISO/TR 27165:2012; CEN ISO/TR 27165:2012)
Thermoplastics piping systems – Guidance for definitions of wall constructions for pipes (ISO/TR 27165:2012; CEN ISO/TR 27165:2012)

HZN/TO 159, Ergonomija

- HRN EN ISO 9241-410:2008/A1:2012 en pr
Ergonomija međudjelovanja čovjek-sustav – 410. dio: Kriteriji za projektiranje uređaja za fizičko unošenje podataka (ISO 9241-410:2008/Amd 1:2012; EN ISO 9241-410:2008/A1:2012)
Ergonomics of human-system interaction – Part 410: Design criteria for physical input devices (ISO 9241-410:2008/Amd 1:2012; EN ISO 9241-410:2008/A1:2012)

HZN/TO 163, *Toplinska izolacija*

- HRN EN ISO 10077-2:2012/lispr.1:2012 en pr
Toplinske značajke prozora, vrata i zaslona – Proračun koeficijenta prolaska topline – 2. dio: Numerička metoda za okvire (ISO 10077-2:2012/Cor 1:2012; EN ISO 10077-2:2012/AC:2012)
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 2: Numerical method for frames – Technical Corrigendum 1 (ISO 10077-2:2012/Cor 1:2012; EN ISO 10077-2:2012/AC:2012)
- HRN EN ISO 12569:2012 en pr
Toplinska svojstva zgrada i materijala – Određivanje specifične stope protoka zraka u zgradama. – Metoda s plinom kao indikatorom (ISO 12569:2012; EN ISO 12569:2012)
Thermal performance of buildings and materials – Determination of specific airflow rate in buildings – Tracer gas dilution method (ISO 12569:2012; EN ISO 12569:2012)
- HRN EN ISO 12631:2012 en pr
Toplinska svojstva ovještene fasade – Proračun koeficijenta prolaska topline (ISO 12631:2012; EN ISO 12631:2012)
Thermal performance of curtain walling – Calculation of thermal transmittance (ISO 12631:2012; EN ISO 12631:2012)
- HRN EN 13162:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od mineralne vune (MW) – Specifikacija (EN 13162:2012)
Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification (EN 13162:2012)
- HRN EN 13163:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspanziranog polistirena (EPS) – Specifikacija (EN 13163:2012)
Thermal insulation products for buildings – Factory made expanded polystyrene (EPS) products – Specification (EN 13163:2012)
- HRN EN 13164:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekstrudirane polistirenske pjene (XPS) – Specifikacija (EN 13164:2012)
Thermal insulation products for buildings – Factory made extruded polystyrene foam (XPS) products – Specification (EN 13164:2012)
- HRN EN 13165:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od tvrde poliuretanske pjene (PUR) – Specifikacija (EN 13165:2012)
Thermal insulation products for buildings – Factory made rigid polyurethane foam (PU) products – Specification (EN 13165:2012)
- HRN EN 13166:2012 en pr
Toplinsko izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od fenolne pjene (PF) – Specifikacija (EN 13166:2012)
Thermal insulation products for buildings – Factory made phenolic foam (PF) products – Specification (EN 13166:2012)
- HRN EN 13167:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ćelijastog (pjenastog) stakla (CG) – Specifikacija (EN 13167:2012)
Thermal insulation products for buildings – Factory made cellular glass (CG) products – Specification (EN 13167:2012)
- HRN EN 13168:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od drvene vune (WW) – Specifikacija (EN 13168:2012)
Thermal insulation products for buildings – Factory made wood wool (WW) products – Specification (EN 13168:2012)
- HRN EN 13169:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspanziranog perlita (EPB) – Specifikacija (EN 13169:2012)
Thermal insulation products for buildings – Factory made expanded perlite board (EPB) products – Specification (EN 13169:2012)
- HRN EN 13170:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspanziranog pluta (ICB) – Specifikacija (EN 13170:2012)
Thermal insulation products for buildings – Factory made products of expanded cork (ICB) – Specification (EN 13170:2012)
- HRN EN 13171:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od drvenih vlakana (WF) – Specifikacija (EN 13171:2012)
Thermal insulation products for buildings – Factory made wood fibre (WF) products – Specification (EN 13171:2012)
- HRN EN 13469:2012 en pr
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje svojstava propusnosti vodene pare predgotovljene izolacije za cijev (EN 13469:2012)
Thermal insulating products for building equipment and industrial installations – Determination of water vapour transmission properties of preformed pipe insulation (EN 13469:2012)
- HRN EN 13472:2012 en pr
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje vodoupojnosti kod kratkotrajnog djelomičnog uranjanja predgotovljene izolacije za cijevi (EN 13472:2012)
Thermal insulating products for building equipment and industrial installations – Determination of short term water absorption by partial immersion of preformed pipe insulation (EN 13472:2012)
- HRN EN 14706:2012 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje najviše dozvoljene temperature uporabe (EN 14706:2012)
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature (EN 14706:2012)
- HRN EN 14707:2012 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje najviše dozvoljene temperature uporabe za predgotovljene izolacije cjevovoda (EN 14707:2012)
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature for preformed pipe insulation (EN 14707:2012)
- HRN EN 15732:2012 en pr
Proizvodi ispunjeni laganim punjenjem i toplinsko-izolacijski proizvodi za primjenu u građevinarstvu (CEA) – Proizvodi od lakoagregatne kspanzirane gline (LWA) (EN 15732:2012)
Light weight fill and thermal insulation products for civil engineering applications (CEA) – Expanded clay lightweight aggregate products (LWA) (EN 15732:2012)
- HRN EN 16069:2012 en pr
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od polietilenske pjene (PEF) – Specifikacija (EN 16069:2012)

Thermal insulation products for buildings – Factory made products of polyethylene foam (PEF) – Specification (EN 16069:2012)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11979-7:2008/A1:2012 en pr
Oftalmološki implantanti – Intraokularne leće – 7. dio: Klinička istraživanja (ISO 11979-7:2006/Amd 1:2012; EN ISO 11979-7:2006/A1:2012)
Ophthalmic implants – Intraocular lenses – Part 7: Clinical investigations (ISO 11979-7:2006/Amd 1:2012; EN ISO 11979-7:2006/A1:2012)

HZN/TO 176, Upravljanje kvalitetom i osiguravanje kvalitete

HRN ISO 31000:2012 en pr
Upravljanje rizicima – Načela i smjernice (ISO 31000:2009)
Risk management – Principles and guidelines (ISO 31000:2009)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22476-4:2012 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 4. dio: Ispitivanje Ménardovim presiometrom (ISO 22476-4:2012; EN ISO 22476-4:2012)
Geotechnical investigation and testing – Field testing – Part 4: Ménard pressuremeter test (ISO 22476-4:2012; EN ISO 22476-4:2012)

HRN EN ISO 22476-5:2012 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 5. dio: Ispitivanje savitljivim dilatometrom (ISO 22476-5:2012; EN ISO 22476-5:2012)
Geotechnical investigation and testing – Field testing – Part 5: Flexible dilatometer test (ISO 22476-5:2012; EN ISO 22476-5:2012)

HRN EN ISO 22476-7:2012 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 7. dio: Ispitivanje hidrauličkom prešom u bušotini (ISO 22476-7:2012; EN ISO 22476-7:2012)
Geotechnical investigation and testing – Field testing – Part 7: Borehole jack test (ISO 22476-7:2012; EN ISO 22476-7:2012)

HZN/TO 184, Sustavi industrijske automatizacije i integracija

HRN EN ISO 10218-1:2012 en pr
Roboti i robotski uređaji – Sigurnosni zahtjevi za industrijske robote – 1. dio: Roboti (ISO 10218-1:2011; EN ISO 10218-1:2011)
Robots and robotic devices – Safety requirements for industrial robots – Part 1: Robots (ISO 10218-1:2011; EN ISO 10218-1:2011)

HRN EN ISO 10218-2:2012 en pr
Roboti i robotski uređaji – Sigurnosni zahtjevi za industrijske robote – 2. dio: Robotski sustavi i integracija (ISO 10218-2:2011; EN ISO 10218-2:2011)
Robots and robotic devices – Safety requirements for industrial robots – Part 2: Robot systems and integration (ISO 10218-2:2011; EN ISO 10218-2:2011)

HRN EN ISO 11354-1:2012 en pr
Napredne tehnologije automatizacije i njihove primjene – Zahtjevi za uspostavu međuoperativnosti procesa proizvodnih poduzeća – 1. dio: Okvir za međuoperativnost poduzeća (ISO 11354-1:2011; EN ISO 11354-1:2011)
Advanced automation technologies and their applications – Requirements for establishing manufacturing enterprise process interoperability – Part 1: Framework for enterprise interoperability (ISO 11354-1:2011; EN ISO 11354-1:2011)

HZN/TO 190, Kvaliteta tla

HRN EN ISO 12782-1:2012 en pr
Kvaliteta tla – Pokazatelji za geokemijsko modeliranje ispiranja i određivanje sastojaka tla i zemljišnih materijala – 1. dio: Ekstrakcija amorfnih željeznih oksida i hidroksida s askorbinskom kiselinom (ISO 12782-1:2012; EN ISO 12782-1:2012)
Soil quality – Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials – Part 1: Extraction of amorphous iron oxides and hydroxides with ascorbic acid (ISO 12782-1:2012; EN ISO 12782-1:2012)

HRN EN ISO 12782-2:2012 en pr
Kvaliteta tla – Pokazatelji za geokemijsko modeliranje ispiranja i određivanje sastojaka tla i zemljišnih materijala – 2. dio: Ekstrakcija kristalnih oksida željeza i hidroksida s ditionitom (ISO 12782-2:2012; EN ISO 12782-2:2012)
Soil quality – Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials – Part 2: Extraction of crystalline iron oxides and hydroxides with dithionite (ISO 12782-2:2012; EN ISO 12782-2:2012)

HRN EN ISO 12782-3:2012 en pr
Kvaliteta tla – Pokazatelji za geokemijsko modeliranje ispiranja i određivanje sastojaka tla i zemljišnih materijala – 3. dio: Ekstrakcija aluminijevih oksida i hidroksida s amonijevim oksalatom/oksalnom kiselinom (ISO 12782-3:2012; EN ISO 12782-3:2012)
Soil quality – Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials – Part 3: Extraction of aluminium oxides and hydroxides with ammonium oxalate/oxalic acid (ISO 12782-3:2012; EN ISO 12782-3:2012)

HRN EN ISO 12782-4:2012 en pr
Kvaliteta tla – Pokazatelji za geokemijsko modeliranje ispiranja i određivanje sastojaka tla i zemljišnih materijala – 4. dio: Ekstrakcija humusnih tvari iz čvrstih uzoraka (ISO 12782-4:2012; EN ISO 12782-4:2012)
Soil quality – Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials – Part 4: Extraction of humic substances from solid samples (ISO 12782-4:2012; EN ISO 12782-4:2012)

HRN EN ISO 12782-5:2012 en pr
Kvaliteta tla – Pokazatelji za geokemijsko modeliranje ispiranja i određivanje sastojaka tla i zemljišnih materijala – 5. dio: Ekstrakcija humusnih tvari iz vodenih uzoraka (ISO 12782-5:2012; EN ISO 12782-5:2012)
Soil quality – Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials – Part 5: Extraction of humic substances from aqueous samples (ISO 12782-5:2012; EN ISO 12782-5:2012)

HZN/TO 217, Kozmetika

HRN EN ISO 24443:2012 en pr
In vitro određivanje UVA zaštitnih faktora (ISO 24443:2012; EN ISO 24443:2012)
Determination of sunscreen UVA photoprotection in vitro (ISO 24443:2012; EN ISO 24443:2012)

HZN/TO 218, Drvo

HRN EN 117:2012 en pr
Sredstva za zaštitu drva – Određivanje toksičnih vrijednosti protiv Reticulitermes species (Europski termiti) (Laboratorijska metoda) (EN 117:2012)
Wood preservatives – Determination of toxic values against Reticulitermes species (European termites) (Laboratory method) (EN 117:2012)

HRN EN 1316-1:2012 en pr
Oblo drvo listača – Razvrstavanje po kakvoći – 1. dio: Hrast i bukva (EN 1316-1:2012)

- Hardwood round timber – Qualitative classification – Part 1: Oak and beech (EN 1316-1:2012)
- HRN EN 1316-2:2012 en pr
Oblo drvo listača – Razvrstavanje po kakvoći – 2. dio: Topola (EN 1316-2:2012)
Hardwood round timber – Qualitative classification – Part 2: Poplar (EN 1316-2:2012)
- HRS CEN/TS 15119-2:2012 en pr
Trajnost drva i proizvoda na osnovi drva – Određivanje emisije zaštitnog sredstva iz tretiranog drva u okoliš – 2. dio: Drvena roba izložena u razredu 4 ili 5 (u dodiru sa zemljom, slatkom ili slanom vodom) – Laboratorijska metoda (CEN/TS 15119-2:2012)
Durability of wood and wood-based products – Determination of emissions from preservative treated wood to the environment – Part 2: Wooden commodities exposed in Use Class 4 or 5 (in contact with the ground, fresh water or sea water) – Laboratory method (CEN/TS 15119-2:2012)
- HRI CEN/TR 16420:2012 en pr
Analitička metoda za analizu propikonazola u tretiranim uzorcima drva (CEN/TR 16420:2012)
Analytical Method for the Analysis of Propiconazole in treated Wood Samples (CEN/TR 16420:2012)

HZN/TO 221, Geosintetici

- HRN EN ISO 10772:2012 en pr
Geotekstili – Metoda ispitivanja za određivanje ponašanja geotekstila kao filtera pri nestacionarnom tečenju vode (ISO 10772:2012; EN ISO 10772:2012)
Geotextiles – Test method for the determination of the filtration behaviour of geotextiles under turbulent water flow conditions (ISO 10772:2012; EN ISO 10772:2012)
- HRN EN ISO 10776:2012 en pr
Geotekstili i proizvodi srodni s geotekstilom – Određivanje vodopropusnosti okomito na ravninu, pod opterećenjem (ISO 10776:2012; EN ISO 10776:2012)
Geotextiles and geotextile-related products – Determination of water permeability characteristics normal to the plane, under load (ISO 10776:2012; EN ISO 10776:2012)

HZN/TO 502, Plinski uređaji

- HRN EN 298:2012 en pr
Automatski regulacijski (upravljački) sustavi za plamenike i uređaje za plinovita ili tekuća goriva (EN 298:2012)
Automatic burner control systems for burners and appliances burning gaseous or liquid fuels (EN 298:2012)

HZN/TO 503, Metalni materijali

- HRN EN ISO 9513:2012 en pr
Metalni materijali – Umjeravanje ekstenzimetara koji se upotrebljavaju u jednoosnome ispitivanju (ISO 9513:2012; EN ISO 9513:2012)
Metallic materials – Calibration of extensometer systems used in uniaxial testing (ISO 9513:2012; EN ISO 9513:2012)

HZN/TO 509, Cestovna oprema

- HRN EN 1317-5:2012/Ispr.1:2012 en pr
Zaštitni cestovni sustavi – 5. dio: Zahtjevi za proizvod i ocjenjivanje sukladnosti za zaštitne cestovne sustave (EN 1317-5:2007+A2:2012/AC:2012)
Road restraint systems – Part 5: Product requirements and evaluation of conformity for vehicle restraint systems (EN 1317-5:2007+A2:2012/AC:2012)

HZN/TO 511, Eksplozivi za civilnu uporabu

- HRN EN 16256-1:2012 en pr
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 1: Terminology (EN 16256-1:2012)

- HRN EN 16256-2:2012 en pr
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 2: Categories of theatrical pyrotechnic articles (EN 16256-2:2012)
- HRN EN 16256-3:2012 en pr
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 3: Requirements for construction and performance (EN 16256-3:2012)
- HRN EN 16256-4:2012 en pr
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 4: Minimum labelling requirements and Instructions for use (EN 16256-4:2012)
- HRN EN 16256-5:2012 en pr
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 5: Test methods (EN 16256-5:2012)
- HRN EN 16261-1:2012 en pr
Pyrotechnic articles – Fireworks, category 4 – Part 1: Terminology (EN 16261-1:2012)
- HRN EN 16261-3:2012 en pr
Pyrotechnic articles – Fireworks, Category 4 – Part 3: Test methods (EN 16261-3:2012)
- HRN EN 16261-4:2012 en pr
Pyrotechnic articles – Fireworks, Category 4 – Part 4: Minimum labelling requirements and instructions for use (EN 16261-4:2012)

HZN/TO 521, Usluge održavanja

- HRN EN 15221-7:2012 en pr
Upravljanje objektima i sustavima podrške – 7. dio: Usporedba značajki (EN 15221-7:2012)
Facility Management – Part 7: Performance Benchmarking (EN 15221-7:2012)

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

- HRN EN 492:2012 en pr
Ploče i pomoćni dijelovi od cementa ojačanog vlaknima – Specifikacija proizvoda i metode ispitivanja (EN 492:2012)
Fibre-cement slates and fittings – Product specification and test methods (EN 492:2012)
- HRN EN 494:2012 en pr
Valovite ploče i pomoćni dijelovi od cementa ojačanog vlaknima – Specifikacija proizvoda i metode ispitivanja (EN 494:2012)
Fibre-cement profiled sheets and fittings – Product specification and test methods (EN 494:2012)
- HRN EN 1013:2012 en pr
Prozirne jednoslojne profilirane plastične trake za unutrašnje i vanjske krovove, zidove i stropove – Zahtjevi i metode ispitivanja (EN 1013:2012)
Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings – Requirements and test methods (EN 1013:2012)
- HRN EN 13956:2012 en pr
Saviljive hidroizolacijske trake – Plastične i elastomerne hidroizolacijske trake za krovove – Definicije i značajke (EN 13956:2012)
Flexible sheet for waterproofing – Plastic and rubber sheets for roof waterproofing – Definitions and characteristics (EN 13956:2012)
- HRN EN 13967:2012 en pr
Saviljive hidroizolacijske trake – Plastične i elastomerne trake za zaštitu od vlage i vode iz tla – Definicije i značajke (EN 13967:2012)
Flexible sheets for waterproofing – Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet – Definitions and characteristics (EN 13967:2012)
- HRN EN 15814:2012 en pr
Polimerom modificirani bitumenski debeloslojni premazi za hidroizolaciju – Definicije i zahtjevi (EN 15814:2011+A1:2012)

Polymer modified bituminous thick coatings for waterproofing – Definitions and requirements (EN 15814:2011+A1:2012)

HZN/TO 526, Bitumenska veziva

HRN CEN/TS 16346:2012 en pr
Bitumenska veziva – Određivanje stupnja stabilnosti i neposrednog prijanjanja kationskih bitumenskih emulzija na frakciju agregata 2/4 mm (CEN/TS 16346:2012)
Bituminous binders – Determination of breaking behaviour and immediate adhesivity of cationic bituminous emulsions with 2/4 mm aggregate (CEN/TS 16346:2012)

HZN/TO 528, Oprema za željeznice

HRN EN 14587-3:2012 en pr
Oprema za željeznice – Željeznički gornji stroj – Elektrootporno zavarivanje tračnica – 3. dio: Zavarivanje pri konstrukciji skretničkih srca (EN 14587-3:2012)
Railway applications – Track – Flash butt welding of rails – Part 3: Welding in association with crossing construction (EN 14587-3:2012)

HRN EN 15877-1:2012 en pr
Oprema za željeznice – Oznake na željezničkim vozilima – 1. dio: Teretni vagoni (EN 15877-1:2012)
Railway applications – Marking on railway vehicles – Part 1: Freight wagons (EN 15877-1:2012)

HRN EN 16028:2012 en pr
Oprema za željeznice – Upravljanje trenjem između kotača i tračnica – Sredstva za podmazivanje za primjenu na željezničkim vozilima i kolosijeku (EN 16028:2012)
Railway applications – Wheel/rail friction management – Lubricants for trainborne and trackside applications (EN 16028:2012)

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

HRN ISO 3189-1:2000/Ispr.1:2012 en pr
Užni zatvarači za čeličnu užad opće namjene – 1. dio: Opće značajke i uvjeti prihvaćanja (ISO 3189-1:1985/Cor 1:2002)
Sockets for wire ropes for general purposes – Part 1: General characteristics and condition of acceptance (ISO 3189-1:1985/Cor 1:2002)

HRN ISO 10823:2004/Ispr.1:2012 en pr
Smjernice za izbor pogonskih valjčastih lanaca (ISO 10823:2004/Cor 1:2008)
Guidelines for the selection of roller chain drives (ISO 10823:2004/Cor 1:2008)

HRN EN 13411-8:2012 en pr
Završeci čeličnih užadi – Sigurnost – 8. dio: Završeci i uprešavanje (EN 13411-8:2011)
Terminations for steel wire ropes – Safety – Part 8: Swage terminals and swaging (EN 13411-8:2011)

HZN/TO 531, Plastika i guma

HRN EN ISO 1874-2:2012 en pr
Plastika – Poliamidni (PA) materijali za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 1874-2:2012; EN ISO 1874-2:2012)
Plastics – Polyamide (PA) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 1874-2:2012; EN ISO 1874-2:2012)

HRN EN ISO 11963:2012 en pr
Plastika – Polikarbonatne ploče – Vrste, dimenzije i karakteristike (ISO 11963:2012; EN ISO 11963:2012)
Plastics – Polycarbonate sheets – Types, dimensions and characteristics (ISO 11963:2012; EN ISO 11963:2012)

HRN EN 13067:2012 en pr
Zavarivači plastike – Kvalifikacijsko ispitivanje zavarivača – Plastomerni zavareni sklopovi (EN 13067:2012)
Plastics welding personnel – Qualification testing of welders – Thermoplastics welded assemblies (EN 13067:2012)

HRN EN 13100-4:2012 en pr
Nerazorno ispitivanje zavarenih spojeva u plastomernim poluproizvodima – 4. dio: Ispitivanje pod visokim naponom (EN 13100-4:2012)
Non destructive testing of welded joints of thermoplastics semifinished products – Part 4: High voltage testing (EN 13100-4:2012)

HRN EN 16296:2012 en pr
Nesavršenosti u termoplastičnim zavarenim spojevima – Razine kvalitete (EN 16296:2012)
Imperfections in thermoplastics welded joints – Quality levels (EN 16296:2012)

HRN CEN/TS 16398:2012 en pr
Plastika – Predložak za izvještavanje i prijenos podataka o ugljiku biološkog podrijetla i mogućnosti regeneracije biopolimera i bioplastike – Sigurnosni tehnički list (CEN/TS 16398:2012)
Plastics – Template for reporting and communication of bio-based carbon content and recovery options of biopolymers and bioplastics – Data sheet (CEN/TS 16398:2012)

HZN/TO 532, Dimnjaci

HRN EN 13084-7:2012 en pr
Samostojeći dimnjaci – 7. dio: Specifikacije proizvoda za cilindrične čelične proizvode za upotrebu u čeličnim dimnjacima s jednom stijenkom i čeličnim cijevima (EN 13084-7:2012)
Free-standing chimneys – Part 7: Product specifications of cylindrical steel fabrications for use in single wall steel chimneys and steel liners (EN 13084-7:2012)

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-42:2012 en pr
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 42. dio: Količina onečišćenja u reciklažnom asfaltnom granulatu (EN 12697-42:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 42: Amount of foreign matter in reclaimed asphalt (EN 12697-42:2012)

HZN/TO 535, Agregati

HRN EN 1744-1:2012 en pr
Ispitivanja kemijskih svojstava agregata – 1. dio: Kemijska analiza (EN 1744-1:2009+A1:2012)
Tests for chemical properties of aggregates – Part 1: Chemical analysis (EN 1744-1:2009+A1:2012)

HRN EN 1744-8:2012 en pr
Ispitivanje kemijskih svojstava agregata – 8. dio: Određivanje udjela metala u pepelu iz ložišta spalionica komunalnog otpada (MIBA) metodom izdvajanja (EN 1744-8:2012)
Tests for chemical properties of aggregates – Part 8: Sorting test to determine metal content of Municipal Incinerator Bottom Ash (MIBA) Aggregates (EN 1744-8:2012)

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

HRN EN 1191:2012 en pr
Prozori i vrata – Otpornost na uzastopno otvaranje i zatvaranje – Metoda ispitivanja (EN 1191:2012)
Windows and doors – Resistance to repeated opening and closing – Test method (EN 1191:2012)

HRN EN 1906:2012 en pr
Građevni okovi – Prihvatnici i kvake – Zahtjevi i metode ispitivanja (EN 1906:2012)

- Building hardware – Lever handles and knob furniture – Requirements and test methods (EN 1906:2012)
- HRN EN 12320:2012 en pr
Građevni okovi – Lokoti i pribor – Zahtjevi i metode ispitivanja (EN 12320:2012)
Building hardware – Padlocks and padlock fittings – Requirements and test methods (EN 12320:2012)
- HRN EN 15684:2012 en pr
Građevni okovi – Mehatrički cilindri – Zahtjevi i metode ispitivanja (EN 15684:2012)
Building hardware – Mechatronic cylinders – Requirements and test methods (EN 15684:2012)
- HRN EN 16035:2012 en pr
Lista svojstava okova (HPS) – Identifikacija i sažetak dokaza ispitivanja za omogućavanje međusobne izmjenjivosti građevnih okova za primjenu na vatrootpornim i/ili dimonepropusnim vratima i/ili prozorima koji se mogu otvarati (EN 16035:2012)
Hardware performance sheet (HPS) – Identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows (EN 16035:2012)

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

- HRN ISO 10579:2012 en pr
Geometrijske specifikacije proizvoda (GSP) – Kotiranje i unos tolerancija – Slobodni dijelovi (ISO 10579:2010)
Geometrical product specifications (GPS) – Dimensioning and tolerancing – Non-rigid parts (ISO 10579:2010)

HZN/TO 539, Kemijski dezinficijensi i antiseptici

- HRN EN 14204:2012 en pr
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za vrednovanje mikobaktericidne djelotvornosti kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u veterini – Metoda i zahtjevi testiranja (phase 2, step 1) (EN 14204:2012)
Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants and antiseptics used in the veterinary area – Test method and requirements (phase 2, step 1) (EN 14204:2012)
- HRN EN 14349:2012 en pr
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za procjenu baktericidne djelotvornosti kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u veterini u području neporoznih površina bez mehaničkog djelovanja – Metoda ispitivanja i zahtjevi (faza 2, korak 2) (EN 14349:2012)
Chemical disinfectants and antiseptics – Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action – Test method and requirements (phase 2, step 2) (EN 14349:2012)

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

- HRN EN 779:2012 en pr
Zračni filtri za čestice pri općoj ventilaciji – Određivanje značajka filtracije (EN 779:2012)
Particulate air filters for general ventilation – Determination of the filtration performance (EN 779:2012)
- HRN EN ISO 9905:2008/A1:2012 en pr
Tehničke specifikacije za centrifugalne pumpe – I. razred (ISO 9905:1994/Amd 1:2011; EN ISO 9905:1997/A1:2011)

Technical specifications for centrifugal pumps – Class I – Amendment 1 (ISO 9905:1994/Amd 1:2011; EN ISO 9905:1997/A1:2011)

- HRN EN 13951:2012 en pr
Pumpe za kapljevine – Sigurnosni zahtjevi – Oprema za poljoprivredne prehrambene proizvode – Pravila projektiranja za osiguravanje higijene u uporabi (EN 13951:2012)
Liquid pumps – Safety requirements – Agrifoodstuffs equipment – Design rules to ensure hygiene in use (EN 13951:2012)
- HRN EN 14597:2012 en pr
Uređaji za upravljanje temperaturom i temperaturni graničnici kod sustava za proizvodnju topline (EN 14597:2012)
Temperature control devices and temperature limiters for heat generating systems (EN 14597:2012)

HZN/TO 548, Konstrukcijski eurokodovi

- HRN EN 1991-1-1:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-1: Opća djelovanja – Obujamske težine, vlastite težine i uporabna opterećenja zgrada (EN 1991-1-1:2002+AC:2009)
Eurocode 1: Actions on structures – Part 1-1: General actions – Densities, self-weight and imposed loads for buildings (EN 1991-1-1:2002+AC:2009)
- HRN EN 1991-1-1:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-1: Opća djelovanja – Obujamske težine, vlastite težine i uporabna opterećenja za zgrade – Nacionalni dodatak Eurocode 1: Actions on structures – Part 1-1: General actions – Densities, self-weight, imposed loads for buildings – National annex
- HRN EN 1991-1-2:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-2: Opća djelovanja – Djelovanja na konstrukcije izložene požaru (EN 1991-1-2:2002+AC:2009)
Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire (EN 1991-1-2:2002+AC:2009)
- HRN EN 1991-1-2:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-2: Opća djelovanja – Djelovanja na konstrukcije izložene požaru – Nacionalni dodatak Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire – National annex
- HRN EN 1991-1-3:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-3: Opća djelovanja – Opterećenja snijegom (EN 1991-1-3:2003+AC:2009)
Eurocode 1: Actions on structures – Part 1-3: General actions – Snow loads (EN 1991-1-3:2003+AC:2009)
- HRN EN 1991-1-3:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-3: Opća djelovanja – Opterećenja snijegom – Nacionalni dodatak Eurocode 1: Actions on structures – Part 1-3: General actions – Snow loads – National annex
- HRN EN 1991-1-4:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-4: Opća djelovanja – Djelovanja vjetra (EN 1991-1-4:2005+AC:2010+A1:2010)
Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions (EN 1991-1-4:2005+AC:2010+A1:2010)
- HRN EN 1991-1-4:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-4: Opća djelovanja – Djelovanja vjetra – Nacionalni dodatak Eurocode 1: Actions on structures – Part 1-4: General actions – Wind action – National annex

- HRN EN 1991-1-5:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-5: Opća djelovanja – Toplinska djelovanja (EN 1991-1-5:2003+AC:2009)
Eurocode 1: Actions on structures – Part 1-5: General actions – Thermal actions (EN 1991-1-5:2003+AC:2009)
- HRN EN 1991-1-5:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-5: Opća djelovanja – Toplinska djelovanja – Nacionalni dodatak Eurocode 1: Actions on structures – Part 1-5: General actions – Thermal actions – National annex
- HRN EN 1991-1-6:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-6: Opća djelovanja – Djelovanja tijekom izvedbe (EN 1991-1-6:2005+AC:2008)
Eurocode 1: Actions on structures Part 1-6: General actions – Actions during execution (EN 1991-1-6:2005+AC:2008)
- HRN EN 1991-1-6:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-6: Opća djelovanja – Djelovanja tijekom izvedbe – Nacionalni dodatak Eurocode 1: Actions on structures – Part 1-6: General actions – Actions during execution – National annex
- HRN EN 1991-1-7:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-7: Opća djelovanja – Izvanredna djelovanja (EN 1991-1-7:2006+AC:2010)
Eurocode 1: Actions on structures – Part 1-7: General actions – Accidental actions (EN 1991-1-7:2006+AC:2010)
- HRN EN 1991-1-7:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-7: Opća djelovanja – Izvanredna djelovanja – Nacionalni dodatak Eurocode 1: Actions on structures – Part 1-7: General actions – Accidental actions – National annex
- HRN EN 1991-2:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – 2. dio: Prometna opterećenja mostova (EN 1991-2:2003+AC:2010)
Eurocode 1: Actions on structures – Part 2: Traffic loads on bridges (EN 1991-2:2003+AC:2010)
- HRN EN 1991-2:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – 2. dio: Prometna opterećenja mostova – Nacionalni dodatak Eurocode 1: Actions on structures – Part 2: Traffic loads on bridges – National annex
- HRN EN 1991-3:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – 3. dio: Djelovanja prouzročena kranovima i strojevima (EN 1991-3:2006)
Eurocode 1: Actions on structures – Part 3: Actions induced by cranes and machinery (EN 1991-3:2006)
- HRN EN 1991-3:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – 3. dio: Djelovanja prouzročena kranovima i strojevima – Nacionalni dodatak Eurocode 1: Actions on structures – Part 3: Actions induced by cranes and machinery – National annex
- HRN EN 1991-4:2012 hr pp
Eurokod 1: Djelovanja na konstrukcije – 4. dio: Silosi i spremnici tekućina (EN 1991-4:2006)
Eurocode 1: Actions on structures – Part 4: Silos and tanks (EN 1991-4:2006)
- HRN EN 1991-4:2012/NA:2012 hr izv
Eurokod 1: Djelovanja na konstrukcije – 4. dio: Silosi i spremnici tekućina – Nacionalni dodatak Eurocode 1: Actions on structures – Part 4: Silos and tanks – National annex
- HRN EN 1996-1-1:2012 hr pp
Eurokod 6: Projektiranje zidanih konstrukcija – Dio 1-1: Opća pravila za armirane i nearmirane zidane konstrukcije (EN 1996-1-1:2005+A1:2012)
Eurocode 6: Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures (EN 1996-1-1:2005+A1:2012)
- HRN EN 1996-1-1:2012/NA:2012 hr izv
Eurokod 6: Projektiranje zidanih konstrukcija – Dio 1-1: Opća pravila za armirane i nearmirane zidane konstrukcije – Nacionalni dodatak Eurocode 6: Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures – National annex
- HRN EN 1999-1-3:2008/A1:2012 en pr
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-3: Konstrukcije osjetljive na zamor (EN 1999-1-3:2007/A1:2011)
Eurocode 9: Design of aluminium structures – Part 1-3: Structures susceptible to fatigue (EN 1999-1-3:2007/A1:2011)
- HRN EN 1999-1-4:2008/A1:2012 en pr
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-4: Hladno oblikovani konstrukcijski limovi (EN 1999-1-4:2007/A1:2011)
Eurocode 9: Design of aluminium structures – Part 1-4: Cold-formed structural sheeting (EN 1999-1-4:2007/A1:2011)

HZN/TO 553, *Predgotovljeni proizvodi*

- HRN EN 232:2012 en pr
Kade – Prikjučne dimenzije (EN 232:2012)
Baths – Connecting dimensions (EN 232:2012)
- HRN EN 251:2012 en pr
Tuš-kade – Priključne dimenzije (EN 251:2012)
Shower trays – Connecting dimensions (EN 251:2012)
- HRN EN 1341:2012 en pr
Ploče od prirodnog kamena za vanjsko popločivanje – Zahtjevi i metode ispitivanja (EN 1341:2012)
Slabs of natural stone for external paving – Requirements and test methods (EN 1341:2012)
- HRN EN 1342:2012 en pr
Prizme od prirodnog kamena za vanjsko popločivanje – Zahtjevi i metode ispitivanja (EN 1342:2012)
Setts of natural stone for external paving – Requirements and test methods (EN 1342:2012)
- HRN EN 1343:2012 en pr
Rubnjaci od prirodnog kamena za vanjsko popločivanje – Zahtjevi i metode ispitivanja (EN 1343:2012)
Kerbs of natural stone for external paving – Requirements and test methods (EN 1343:2012)
- HRN EN 14411:2012 en pr
Keramičke pločice – Definicije, razredba, značajke, ocjena sukladnosti i označavanje (EN 14411:2012)
Ceramic tiles – Definitions, classification, characteristics, evaluation of conformity and marking (EN 14411:2012)

HZN/TO 555, *Medicinski proizvodi*

- HRN EN ISO 10993-12:2012 en pr
Biolška procjena medicinskih proizvoda – 12. dio: Priprema uzoraka i referentni materijali (ISO 10993-12:2012; EN ISO 10993-12:2012)
Biological evaluation of medical devices – Part 12: Sample preparation and reference materials (ISO 10993-12:2012; EN ISO 10993-12:2012)
- HRN EN ISO 14644-9:2012 en pr
Čisti prostori i odgovarajući kontrolirani okoliš – 9. dio: Razredba površinske čistoće (ISO 14644-9:2012; EN ISO 14644-9:2012)
Cleanrooms and associated controlled environments – Part 9: Classification of surface cleanliness by particle concentration (ISO 14644-9:2012; EN ISO 14644-9:2012)

- HRN EN ISO 15189:2012 en pr
Medicinski laboratoriji – Zahtjevi za kvalitetu i osposobljenost (ISO 15189:2012; EN ISO 15189:2012)
Medical laboratories – Requirements for quality and competence (ISO 15189:2012; EN ISO 15189:2012)
- HRN EN ISO 15223-1:2012 en pr
Medicinski proizvodi – Simboli za oznake medicinskih proizvoda, označavanje i potrebne informacije – 1. dio: Opći zahtjevi (ISO 15223-1:2012; EN ISO 15223-1:2012)
Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements (ISO 15223-1:2012; EN ISO 15223-1:2012)
- HRN EN ISO 16256:2012 en pr
Klinička laboratorijska ispitivanja i dijagnostički ispitni sustavi in vitro – Referentna metoda za ispitivanje aktivnosti antimikrobnih agensa protiv kvasaca iz gljivica koji uzrokuju infektivne bolesti in vitro (ISO 16256:2012; EN ISO 16256:2012)
Clinical laboratory testing and in vitro diagnostic test systems – Reference method for testing the in vitro activity of antimicrobial agents against yeast of fungi involved in infectious diseases (ISO 16256:2012; EN ISO 16256:2012)

HZN/TO 556, Osobna zaštitna oprema

- HRN EN ISO 13287:2012 en pr
Osobna zaštitna oprema – Obuća – Ispitna metoda za otpornost na proklizavanje (ISO 13287:2012; EN ISO 13287:2012)
Personal protective equipment – Footwear – Test method for slip resistance (ISO 13287:2012; EN ISO 13287:2012)

HZN/TO 557, Zaštitna odjeća

- HRN EN ISO 15027-1:2012 en pr
Odiijela za uranjanje – 1. dio: Odiijela za stalno nošenje, zahtjevi koji uključuju sigurnost (ISO 15027-1:2012; EN ISO 15027-1:2012)
Immersion suits – Part 1: Constant wear suits, requirements including safety (ISO 15027-1:2012; EN ISO 15027-1:2012)
- HRN EN ISO 15027-2:2012 en pr
Odiijela za uranjanje – 2. dio: Odiijela za spašavanje u vodi, zahtjevi uključujući sigurnost (ISO 15027-2:2012; EN ISO 15027-2:2012)
Immersion suits – Part 2: Abandonment suits, requirements including safety (ISO 15027-2:2012; EN ISO 15027-2:2012)
- HRN EN ISO 15027-3:2012 en pr
Odiijela za uranjanje – 3. dio: Metode ispitivanja (ISO 15027-3:2012; EN ISO 15027-3:2012)
Immersion suits – Part 3: Test methods (ISO 15027-3:2012; EN ISO 15027-3:2012)

HZN/TO 560, Tekstilni proizvodi

- HRI CEN/TR 16422:2012 en pr
Podjela termoregulacijskih svojstava (CEN/TR 16422:2012)
Classification of thermoregulatory properties (CEN/TR 16422:2012)

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

- HRN EN ISO 10961:2012 en pr
Plinske boce – Baterije boca – Projektiranje, izrada, ispitivanje i pregled (ISO 10961:2010; EN ISO 10961:2012)
Gas cylinders – Cylinder bundles – Design, manufacture, testing and inspection (ISO 10961:2010; EN ISO 10961:2012)

HZN/TO E2, Rotacijski strojevi

- HRN EN 60034-1:2012 en pr
Rotacijski električni strojevi – 1. dio: Nazivne vrijednosti i radna svojstva (IEC 60034-1:2010, MOD; EN 60034-1:2010+AC:2010)
Rotating electrical machines – Part 1: Rating and performance (IEC 60034-1:2010, MOD; EN 60034-1:2010+AC:2010)
- HRN EN 60034-2-2:2012 en pr
Rotacijski električni strojevi – Dio 2-2: Posebne metode za određivanje pojedinih gubitaka velikih strojeva ispitivanjima – Dodatak normi IEC 60034-2-1 (IEC 60034-2-2:2010; EN 60034-2-2:2010)
Rotating electrical machines – Part 2-2: Specific methods for determining separate losses of large machines from tests – Supplement to IEC 60034-2-1 (IEC 60034-2-2:2010; EN 60034-2-2:2010)
- HRN EN 60034-4:2012 en pr
Rotacijski električni strojevi – 4. dio: Metode za određivanje parametara sinkronih strojeva ispitivanjima (IEC 60034-4:2008; EN 60034-4:2008)
Rotating electrical machines – Part 4: Methods for determining synchronous machine quantities from tests (IEC 60034-4:2008; EN 60034-4:2008)
- HRN EN 60034-15:2012 en pr
Rotacijski električni strojevi – 15. dio: Iznosi podnosivih udarnih napona oblikovanih statorskih svitaka za rotacijske izmjenične strojeve (IEC 60034-15:2009; EN 60034-15:2009)
Rotating electrical machines – Part 15: Impulse voltage withstand levels of form-wound stator coils for rotating a.c. machines (IEC 60034-15:2009; EN 60034-15:2009)
- HRN EN 60034-16-1:2012 en pr
Rotacijski električni strojevi – Dio 16-1: Sustavi uzbude za sinkrone strojeve – Definicije (IEC 60034-16-1:2011; EN 60034-16-1:2011)
Rotating electrical machines – Part 16-1: Excitation systems for synchronous machines – Definitions (IEC 60034-16-1:2011; EN 60034-16-1:2011)
- HRN EN 60034-18-1:2012 en pr
Rotacijski električni strojevi – Dio 18-1: Procjena funkcionalnosti izolacijskih sustava – Opće smjernice (IEC 60034-18-1:2010; EN 60034-18-1:2010)
Rotating electrical machines – Part 18-1: Functional evaluation of insulation systems – General guidelines (IEC 60034-18-1:2010; EN 60034-18-1:2010)
- HRN EN 60034-18-32:2012 en pr
Rotacijski električni strojevi – Dio 18-32: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Procjena pomoću električne izdržljivosti (IEC 60034-18-32:2010; EN 60034-18-32:2010)
Rotating electrical machines – Part 18-32: Functional evaluation of insulation systems – Test procedures for form-wound windings – Evaluation by electrical endurance (IEC 60034-18-32:2010; EN 60034-18-32:2010)
- HRN EN 60034-18-34:2012 en pr
Rotacijski električni strojevi – Dio 18-34: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Procjena termomehaničke izdržljivosti izolacijskih sustava (IEC 60034-18-34:2012; EN 60034-18-34:2012)
Rotating electrical machines – Part 18-34: Functional evaluation of insulation systems – Test procedures for form-wound windings – Evaluation of thermomechanical endurance of insulation systems (IEC 60034-18-34:2012; EN 60034-18-34:2012)
- HRN EN 60034-22:2012 en pr
Rotacijski električni strojevi – 22. dio: Izmjenični generatori za proizvodne jedinice izmjenične struje pogonjene klipnim motorima s unutrašnjim izgaranjem (IEC 60034-22:2009; EN 60034-22:2009)

Rotating electrical machines – Part 22: AC generators for reciprocating internal combustion (RIC) engine driven generating sets (IEC 60034-22:2009; EN 60034-22:2009)

- HRN EN 60034-30:2012 en pr
Rotacijski električni strojevi – 30. dio: Razredi učinkovitosti jednobrzinskih trofaznih kaveznih motora (IE kod) (IEC 60034-30:2008; EN 60034-30:2009)
Rotating electrical machines – Part 30: Efficiency classes of single-speed, three-phase, cage-induction motors (IE-code) (IEC 60034-30:2008; EN 60034-30:2009)

HZN/TO E17, *Sklopni i upravljački uređaji*

- HRN EN 50274:2005/Ispr.1:2012 en pr
Niskonaponski sklopni blokovi – Zaštita od električnog udara – Zaštita od nenamjernog izravnog dodira opasnih aktivnih dijelova (EN 50274:2002/AC:2009)
Low-voltage switchgear and controlgear assemblies – Protection against electric shock – Protection against unintentional direct contact with hazardous live parts (EN 50274:2002/AC:2009)
- HRN EN 60439-3:2005/Ispr.1:2012 en pr
Niskonaponski sklopni blokovi – 3. dio: Posebni zahtjevi za niskonaponske sklopne blokove namijenjene za ugradnju na mjestima kojima imaju pristup nestručne osobe – Razvodni blokovi (EN 60439-3:1991/AC:1994)
Low-voltage switchgear and controlgear assemblies – Part 3: Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use – Distribution boards (EN 60439-3:1991/AC:1994)
- HRN EN 60439-3:2005/Ispr.2:2012 en pr
Niskonaponski sklopni blokovi – 3. dio: Posebni zahtjevi za niskonaponske sklopne blokove namijenjene za ugradnju na mjestima kojima imaju pristup nestručne osobe – Razvodni blokovi (EN 60439-3:1991/AC:2005)
Low-voltage switchgear and controlgear assemblies – Part 3: Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use – Distribution boards (EN 60439-3:1991/AC:2005)
- HRN EN 60439-3:2005/Ispr.3:2012 en pr
Niskonaponski sklopni blokovi – 3. dio: Posebni zahtjevi za niskonaponske sklopne blokove namijenjene za ugradnju na mjestima kojima imaju pristup nestručne osobe – Razvodni blokovi (EN 60439-3:1991/AC:2009)
Low-voltage switchgear and controlgear assemblies – Part 3: Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use – Distribution boards (EN 60439-3:1991/AC:2009)
- HRN EN 60947-5-1:2008/Ispr.1:2012 en pr
Niskonaponska sklopna aparatura – Dio 5-1: Aparati za upravljačke strujne krugove i sklopni elementi – Elektromehanički aparati za upravljačke strujne krugove (EN 60947-5-1:2004/AC:2005)
Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices (EN 60947-5-1:2004/AC:2005)

HZN/TO E20, *Električni kabeli*

- HRN EN 50214:2007/Ispr.1:2012 en pr
Plosnati savitljivi kabeli izolirani polivinil-kloridom (EN 50214:2006/AC:2007)
Flat polyvinyl chloride sheathed flexible cables (EN 50214:2006/AC:2007)
- HRN EN 50262:2007/Ispr.1:2012 en pr
Kabelske uvodnice za električne instalacije (EN 50262:1998/AC:1998)

Cable glands for electrical installations (EN 50262:1998/AC:1998)

- HRN EN 60228:2007/Ispr.1:2012 en pr
Vodiči za kabele (EN 60228:2005/AC:2005)
Conductors of insulated cables (EN 60228:2005/AC:2005)

HZN/TO E23, *Električni instalacijski pribor*

- HRN EN 50085-2-1:2007/A1:2012 en pr
Sustavi za nošenje i sustavi za vođenje kabela (instalacijski kanali) za električne instalacije – Dio 2-1: Sustavi za nošenje i sustavi za vođenje kabela (instalacijski kanali) namijenjeni ugradbi na zidove i stropove (EN 50085-2-1:2006/A1:2011)
Cable trunking systems and cable ducting systems for electrical installations – Part 2-1: Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings (EN 50085-2-1:2006/A1:2011)
- HRN EN 50086-2-4:2002/Ispr.1:2012 en pr
Sustavi cijevi za vođenje kabela – Dio 2-4: Posebni zahtjevi za sustave cijevi, koji se polažu podzemno (EN 50086-2-4:1994/AC:2001)
Conduit systems for cable management – Part 2-4: Particular requirements for conduit systems buried underground (EN 50086-2-4:1994/AC:2001)
- HRN EN 60669-2-1:2007/Ispr.1:2012 en pr
Sklopke za kućanstvo i slične fiksne električne instalacije – Dio 2-1: Posebni zahtjevi – Elektroničke sklopke (EN 60669-2-1:2004/AC:2007)
Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic switches (EN 60669-2-1:2004/AC:2007)
- HRN EN 60670-1:2007/Ispr.1:2012 en pr
Kutije i kućišta za električne pribore za kućanstvo i slične stalne električne instalacije – 1. dio: Opći zahtjevi (EN 60670-1:2005/AC:2007)
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 1: General requirements (EN 60670-1:2005/AC:2007)
- HRN EN 60670-1:2007/Ispr.2:2012 en pr
Kutije i kućišta za električne pribore za kućanstvo i slične stalne električne instalacije – 1. dio: Opći zahtjevi (EN 60670-1:2005/AC:2010)
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 1: General requirements (EN 60670-1:2005/AC:2010)
- HRN EN 61008-1:2007/A13:2012 en pr
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (EN 61008-1:2004/A13:2012)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules (EN 61008-1:2004/A13:2012)
- HRN EN 61008-1:2012 en pr
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (IEC 61008-1:2010, MOD; EN 61008-1:2012)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules (IEC 61008-1:2010, MOD; EN 61008-1:2012)
- HRN EN 61009-1:2007/A14:2012 en pr
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične uporabe (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2004/A14:2012)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (EN 61009-1:2004/A14:2012)

- HRN EN 61009-1:2012 en pr
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične uporabe (RCBO-i) – 1. dio: Opća pravila (IEC 61009-1:2010, MOD; EN 61009-1:2012)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules (IEC 61009-1:2010, MOD; EN 61009-1:2012)
- HRN EN 61242:2002/A1:2008/Ispr.1:2012 en pr
Električni pribori – Namatalice kabela za kućanstvo i slične svrhe (EN 61242:1997/A1:2008/AC:2010)
Electrical accessories – Cable reels for household and similar purposes (EN 61242:1997/A1:2008/AC:2010)
- HRN EN 61386-25:2012 en pr
Sustavi cijevi za vođenje kabela – 25. dio: Posebni zahtjevi – Sprave za učvršćivanje cijevi (IEC 61386-25:2011; EN 61386-25:2011)
Conduit systems for cable management – Part 25: Particular requirements – Conduit fixing devices (IEC 61386-25:2011; EN 61386-25:2011)
- HRN EN 61534-1:2012 en pr
Energetski tračnički sustavi – 1. dio: Opći zahtjevi (IEC 61534-1:2011; EN 61534-1:2011)
Powertrack systems – Part 1: General requirements (IEC 61534-1:2011; EN 61534-1:2011)
- HRN EN 62423:2012 en pr
Strujne zaštitne sklopke tip F i tip B sa i bez združene nadstrujne zaštite za kućanstvo i slične primjene (IEC 62423:2009, MOD+Corr.1:2011; EN 62423:2012)
Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses (IEC 62423:2009, MOD+Corr.1:2011; EN 62423:2012)

HZN/TO E31, Eksplozivne atmosfere

- HRN EN 13237:2012 en pr
Potencijalno eksplozivne atmosfere – Nazivlje i definicije za opremu i zaštitne sustave za uporabu u ugroženim prostorima (EN 13237:2012)
Potentially explosive atmospheres – Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres (EN 13237:2012)
- HRN EN 14491:2012 en pr
Odušni zaštitni sustavi za eksplozije prašina (EN 14491:2012)
Dust explosion venting protective systems (EN 14491:2012)
- HRN EN 60079-0:2012 en pr
Eksplozivne atmosfere – 0. dio: Oprema – Opći zahtjevi (IEC 60079-0:2011, MOD; EN 60079-0:2012)
Explosive atmospheres – Part 0: Equipment – General requirements (IEC 60079-0:2011, MOD; EN 60079-0:2012)
- HRN EN 60079-35-2:2012 en pr
Eksplozivne atmosfere – Dio 35-2: Kapne svjetiljke za rudnike ugrožene rudničkim praskavim plinom – Pogonska svojstva i drugi sigurnosni zahtjevi (IEC 60079-35-2:2011; EN 60079-35-2:2012)
Explosive atmospheres – Part 35-2: Caplights for use in mines susceptible to firedamp – Performance and other safety-related matters (IEC 60079-35-2:2011; EN 60079-35-2:2012)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

- HRN EN 60061-1:2008/A48:2012 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am48:2012; EN 60061-1:1993/A48:2012)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am48:2012; EN 60061-1:1993/A48:2012)

- HRN EN 60061-2:2008/A45:2012 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za žarulje (IEC 60061-2:1969/am45:2012; EN 60061-2:1993/A45:2012)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/am45:2012; EN 60061-2:1993/A45:2012)
- HRN EN 60061-3:2008/A46:2012 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična mjerila (IEC 60061-3:1969/am46:2012; EN 60061-3:1993/A46:2012)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/am46:2012; EN 60061-3:1993/A46:2012)
- HRN EN 60432-2:2008/A2:2012 en pr
Žarulje sa žarnom niti – Sigurnosni zahtjevi – 2. dio: Halogene volframove žarulje za uporabu u kućanstvu i sličnu namjenu u općoj rasvjeti (IEC 60432-2:1999/am2:2012; EN 60432-2:2000/A2:2012)
Incandescent lamps – Safety specifications – Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes (IEC 60432-2:1999/am2:2012; EN 60432-2:2000/A2:2012)
- HRN EN 60598-2-10:2008/Ispr.1:2012 en pr
Svjetiljke – Dio 2-10: Posebni zahtjevi – Prijenosne svjetiljke za djecu (EN 60598-2-10:2003/AC:2005)
Luminaires – Part 2-10: Particular requirements – Portable luminaires for children (EN 60598-2-10:2003/AC:2005)
- HRN EN 60598-2-11:2008/Ispr.1:2012 en pr
Svjetiljke – Dio 2-11: Posebni zahtjevi – Svjetiljke za akvarije (EN 60598-2-11:2005/AC:2005)
Luminaires – Part 2-11: Particular requirements – Aquarium luminaires (EN 60598-2-11:2005/AC:2005)
- HRN EN 60598-2-12:2008/Ispr.1:2012 en pr
Svjetiljke – Dio 2-12: Posebni zahtjevi – Noćna svjetla koja se postavljaju na utičnicu (EN 60598-2-12:2006/AC:2006)
Luminaires – Part 2-12: Particular requirements – Mains socket-outlet mounted nightlights (EN 60598-2-12:2006/AC:2006)
- HRN EN 60598-2-13:2008/Ispr.1:2012 en pr
Svjetiljke – Dio 2-13: Posebni zahtjevi – Svjetiljke ukopane u zemlju (EN 60598-2-13:2006/AC:2006)
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- HRN EN 60598-2-18:2008/A1:2012 en pr
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(EN 60598-2-22:1998/AC:1999)
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(EN 60598-2-22:1998/AC:1999)
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(EN 60598-2-22:1998/AC:2005)
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(EN 60598-2-22:1998/AC:2005)
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Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za rasvjetu u slučaju opasnosti
(EN 60598-2-22:1998/AC:2007)
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(EN 60598-2-22:1998/AC:2007)
- HRN EN 60598-2-23:2008/Ispr.1:2012 en pr
Svjetiljke – Dio 2-23: Posebni zahtjevi – Sustavi vrlo niskog napona za žarulje sa žarnom niti
(EN 60598-2-23:1996/AC:1997)
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(EN 60598-2-23:1996/AC:1997)
- HRN EN 60598-2-3:2009/Ispr.1:2012 en pr
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(EN 60598-2-3:2003/AC:2005)
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- HRN EN 60598-2-5:2008/Ispr.1:2012 en pr
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(EN 60598-2-5:1998/AC:1998)
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- HRN EN 60598-2-7:2008/Ispr.1:2012 en pr
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(EN 60598-2-7:1989/A2:1996/AC:1999)
- HRN EN 60662:2012 en pr
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- HRN EN 60809:2008/A5:2012 en pr
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Lamps for road vehicles – Dimensional, electrical and luminous requirements (IEC 60809:1995/am5:2012; EN 60809:1996/A5:2012)
- HRN EN 60838-2-2:2008/A1:2012 en pr
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(IEC 60838-2-2:2006/am1:2012; EN 60838-2-2:2006/A1:2012)
- HRN EN 60901:2008/A5:2012 en pr
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- Single-capped fluorescent lamps – Performance specifications (IEC 60901:1996/am5:2011; EN 60901:1996/A5:2012)
- HRN EN 61347-2-11:2008/Ispr.1:2012 en pr
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- HRN EN 61347-2-11:2008/Ispr.2:2012 en pr
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- HRN EN 61347-2-13:2008/Ispr.1:2012 en pr
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- HRN EN 61347-2-3:2008/Ispr.1:2012 en pr
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- HRN EN 61347-2-3:2008/Ispr.2:2012 en pr
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- HRN EN 61347-2-4:2008/Ispr.1:2012 en pr
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- HRN EN 61347-2-4:2008/Ispr.2:2012 en pr
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- HRN EN 61347-2-8:2008/Ispr.1:2012 en pr
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(EN 61347-2-8:2001/AC:2003)
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- HRN EN 61347-2-8:2008/Ispr.2:2012 en pr
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- HRN EN 61347-2-9:2008/Ispr.1:2012 en pr
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- HRN EN 61347-2-9:2008/Ispr.2:2012 en pr
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- HRN EN 61549:2008/A3:2012 en pr
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- HRN EN 62035:2008/A2:2012 en pr
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- HRN EN 62560:2012 en pr
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- HRN EN 62639:2012 en pr
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- HRN EN 60335-1:1998/A2:2005/Ispr.1:2012 en pr
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- HRN EN 60335-1:1998/Ispr.1:2012 en pr
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- HRN EN 60335-1:1998/Ispr.2:2012 en pr
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- HRN EN 60335-1:2005/A1:2008/Ispr.1:2012 en pr
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- HRN EN 60335-1:2005/Ispr.1:2012 en pr
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- HRN EN 60335-1:2005/Ispr.2:2012 en pr
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- HRN EN 60335-2-11:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-14:2008/A11:2012 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-14: Posebni zahtjevi za kuhinjske strojeve (EN 60335-2-14:2006/A11:2012)
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- HRN EN 60335-2-15:2006/A11:2012 en pr
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- HRN EN 60335-2-15:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-21:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-21:2006/Ispr.2:2012 en pr
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- HRN EN 60335-2-24:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-25:2012 en pr
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- HRN EN 60335-2-30:2011/A11:2012 en pr
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- HRN EN 60335-2-30:2011/Ispr.1:2012 en pr
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- HRN EN 60335-2-35:2006/A2:2012 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-35: Posebni zahtjevi za protočnih vodogrijalica (IEC 60335-2-35:2002/am2:2009, MOD; EN 60335-2-35:2002/A2:2011)
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- HRN EN 60335-2-35:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-36:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-37:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-38:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-39:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-40:2006/A13:2012 en pr
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- HRN EN 60335-2-40:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-40:2006/Ispr.2:2012 en pr
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Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (EN 60335-2-40:2003/AC:2010)
- HRN EN 60335-2-42:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-47:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-49:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-50:2006/Ispr.1:2012 en pr
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- HRN EN 60335-2-53:2012 en pr
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- HRN EN 60335-2-6:2006/Ispr.1:2012 en pr
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Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances (EN 60335-2-6:2003/AC:2007)
- HRN EN 60335-2-62:2008/Ispr.1:2012 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-62: Posebni zahtjevi za ugostiteljske sudopere (EN 60335-2-62:2003/AC:2007)
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- HRN EN 60335-2-67:2012 en pr
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HRN EN 60335-2-68:2012 en pr
 Kućanski i slični električni aparati – Sigurnost – Dio 2-68: Posebni zahtjevi za komercijalne čistilice rošenjem (IEC 60335-2-68:2012, MOD; EN 60335-2-68:2012)
 Household and similar electrical appliances – Safety – Part 2-68: Particular requirements for spray extraction machines for commercial use (IEC 60335-2-68:2012, MOD; EN 60335-2-68:2012)

HRN EN 60335-2-69:2012 en pr
 Kućanski i slični električni aparati – Sigurnost – Dio 2-69: Posebni zahtjevi za usisavače prašine i vode s rotirajućom četkom za komercijalnu uporabu (IEC 60335-2-69:2012, MOD; EN 60335-2-69:2012)
 Household and similar electrical appliances – Safety – Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use (IEC 60335-2-69:2012, MOD; EN 60335-2-69:2012)

HRN EN 60335-2-7:2006/Ispr.1:2012 en pr
 Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja (EN 60335-2-7:2003/AC:2003)
 Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines (EN 60335-2-7:2003/AC:2003)

HRN EN 60335-2-72:2012 en pr
 Kućanski i slični električni aparati – Sigurnost – Dio 2-72: Posebni zahtjevi za strojeve za obradu poda sa ili bez vlastitog pogona za komercijalnu uporabu (IEC 60335-2-72:2012, MOD; EN 60335-2-72:2012)
 Household and similar electrical appliances – Safety – Part 2-72: Particular requirements for floor treatment machines with or without traction drive for commercial use (IEC 60335-2-72:2012, MOD; EN 60335-2-72:2012)

HRN EN 60335-2-79:2012 en pr
 Kućanski i slični električni aparati – Sigurnost – Dio 2-79: Posebni zahtjevi za visokotlačne i parne čistilice (IEC 60335-2-79:2012, MOD; EN 60335-2-79:2012)
 Household and similar electrical appliances – Safety – Part 2-79: Particular requirements for high pressure cleaners and steam cleaners (IEC 60335-2-79:2012, MOD; EN 60335-2-79:2012)

HRN EN 60335-2-9:2006/A13:2011/Ispr.1:2012 en pr
 Kućanski i slični električni aparati – Sigurnost – Dio 2-9: Posebni zahtjevi za roštilje, pržila kruha i slične pomične aparate za kuhanje (EN 60335-2-9:2003/A13:2010/AC:2011)
 Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (EN 60335-2-9:2003/A13:2010/AC:2011)

HRN EN 60335-2-9:2006/A13:2011/Ispr.2:2012 en pr
 Kućanski i slični električni aparati – Sigurnost – Dio 2-9: Posebni zahtjevi za roštilje, pržila kruha i slične pomične aparate za kuhanje (EN 60335-2-9:2003/A13:2010/AC:2012)
 Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (EN 60335-2-9:2003/A13:2010/AC:2012)

HRN EN 62233:2008/Ispr.1:2012 en pr
 Mjerni postupci za elektromagnetska polja kućanskih i sličnih aparata s obzirom na izloženost ljudi (EN 62233:2008/AC:2008)
 Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure (EN 62233:2008/AC:2008)

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

HRN EN 60534-2-1:2012 en pr
 Regulacijski ventili za industrijske procese – Dio 2-1: Protočni kapacitet – Jednadžbe za određivanje protoka tekućine pri instaliranim uvjetima (IEC 60534-2-1:2011; EN 60534-2-1:2011)
 Industrial-process control valves – Part 2-1: Flow capacity – Sizing equations for fluid flow under installed conditions (IEC 60534-2-1:2011; EN 60534-2-1:2011)

HRN EN 60534-8-2:2012 en pr
 Regulacijski ventili za industrijske procese – Dio 8-2: Razmatranje buke – Laboratorijska mjerenja buke generirane hidrodinamičkim protokom kroz regulacijske ventile (IEC 60534-8-2:2011; EN 60534-8-2:2011)
 Industrial-process control valves – Part 8-2: Noise considerations – Laboratory measurement of noise generated by hydrodynamic flow through control valves (IEC 60534-8-2:2011; EN 60534-8-2:2011)

HRN EN 60534-8-3:2012 en pr
 Regulacijski ventili za industrijske procese – Dio 8-3: Razmatranje buke – Metoda predviđanja aerodinamičke buke regulacijskog ventila (IEC 60534-8-3:2010; EN 60534-8-3:2011)
 Industrial-process control valves – Part 8-3: Noise considerations – Control valve aerodynamic noise prediction method (IEC 60534-8-3:2010; EN 60534-8-3:2011)

HRN EN 60770-1:2012 en pr
 Prijenosnici za upotrebu u sustavima za industrijsko vođenje procesa – 1. dio: Metode za ocjenjivanje djelovanja (IEC 60770-1:2010; EN 60770-1:2011)
 Transmitters for use in industrial-process control systems – Part 1: Methods for performance evaluation (IEC 60770-1:2010; EN 60770-1:2011)

HRN EN 61784-5-10:2012 en pr
 Industrijske komunikacijske mreže – Profili – Dio 5-10: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 10 (IEC 61784-5-10:2010; EN 61784-5-10:2012)
 Industrial communication networks – Profiles – Part 5-10: Installation of fieldbuses – Installation profiles for CPF 10 (IEC 61784-5-10:2010; EN 61784-5-10:2012)

HRN EN 61784-5-11:2012 en pr
 Industrijske komunikacijske mreže – Profili – Dio 5-11: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 11 (IEC 61784-5-11:2010; EN 61784-5-11:2012)
 Industrial communication networks – Profiles – Part 5-11: Installation of fieldbuses – Installation profiles for CPF 11 (IEC 61784-5-11:2010; EN 61784-5-11:2012)

HRN EN 61784-5-12:2012 en pr
 Industrijske komunikacijske mreže – Profili – Dio 5-12: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 12 (IEC 61784-5-12:2010; EN 61784-5-12:2012)
 Industrial communication networks – Profiles – Part 5-12: Installation of fieldbuses – Installation profiles for CPF 12 (IEC 61784-5-12:2010; EN 61784-5-12:2012)

HRN EN 61784-5-14:2012 en pr
 Industrijske komunikacijske mreže – Profili – Dio 5-14: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 14 (IEC 61784-5-14:2010; EN 61784-5-14:2012)
 Industrial communication networks – Profiles – Part 5-14: Installation of fieldbuses – Installation profiles for CPF 14 (IEC 61784-5-14:2010; EN 61784-5-14:2012)

HRN EN 61784-5-15:2012 en pr
 Industrijske komunikacijske mreže – Profili – Dio 5-15: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 15 (IEC 61784-5-15:2010; EN 61784-5-15:2012)

- Industrial communication networks – Profiles – Part 5-15: Installation of fieldbuses – Installation profiles for CPF 15 (IEC 61784-5-15:2010; EN 61784-5-15:2012)
- HRN EN 61784-5-2:2012 en pr
Industrijske komunikacijske mreže – Profili – Dio 5-2: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 2 (IEC 61784-5-2:2010; EN 61784-5-2:2012)
- Industrial communication networks – Profiles – Part 5-2: Installation of fieldbuses – Installation profiles for CPF 2 (IEC 61784-5-2:2010; EN 61784-5-2:2012)
- HRN EN 61784-5-3:2012 en pr
Industrijske komunikacijske mreže – Profili – Dio 5-3: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 3 (IEC 61784-5-3:2010; EN 61784-5-3:2012)
- Industrial communication networks – Profiles – Part 5-3: Installation of fieldbuses – Installation profiles for CPF 3 (IEC 61784-5-3:2010; EN 61784-5-3:2012)
- HRN EN 61784-5-4:2012 en pr
Industrijske komunikacijske mreže – Profili – Dio 5-4: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 4 (IEC 61784-5-4:2010; EN 61784-5-4:2012)
- Industrial communication networks – Profiles – Part 5-4: Installation of fieldbuses – Installation profiles for CPF 4 (IEC 61784-5-4:2010; EN 61784-5-4:2012)
- HRN EN 61784-5-6:2012 en pr
Industrijske komunikacijske mreže – Profili – Dio 5-6: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 6 (IEC 61784-5-6:2010; EN 61784-5-6:2012)
- Industrial communication networks – Profiles – Part 5-6: Installation of fieldbuses – Installation profiles for CPF 6 (IEC 61784-5-6:2010; EN 61784-5-6:2012)
- HRN EN 62541-4:2012 en pr
OPC objedinjena arhitektura – 4. dio: Usluge (IEC 62541-4:2011; EN 62541-4:2011)
OPC unified architecture – Part 4: Services (IEC 62541-4:2011; EN 62541-4:2011)
- HRN EN 62541-5:2012 en pr
OPC objedinjena arhitektura – 5. dio: Informacijski model (IEC 62541-5:2011; EN 62541-5:2011)
OPC unified architecture – Part 5: Information model (IEC 62541-5:2011; EN 62541-5:2011)
- HRN EN 62541-6:2012 en pr
OPC unified architecture – Part 6: Mappings (IEC 62541-6:2011; EN 62541-6:2011)
- HRN EN 62541-8:2012 en pr
OPC objedinjena arhitektura – 8. dio: Pristup podacima (IEC 62541-8:2011; EN 62541-8:2011)
OPC unified architecture – Part 8: Data Access (IEC 62541-8:2011; EN 62541-8:2011)

HZN/TO E78, Rad pod naponom

- HRN EN 61243-3:2008/lpr.1:2012 en pr
Rad pod naponom – Indikatori napona – 3. dio: Niskonaponski dvopolnik (EN 61243-3:1998/AC:2002)
Live working – Voltage detectors – Part 3: Two-pole low-voltage type (EN 61243-3:1998/AC:2002)

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

- HRN EN 60268-16:2012 en pr
Oprema audiosustava – 16. dio: Objektivno vrednovanje razumljivosti govora s pomoću indeksa razumljivosti govora (IEC 60268-16:2011; EN 60268-16:2011)
Sound system equipment – Part 16: Objective rating of speech intelligibility by speech transmission index (IEC 60268-16:2011; EN 60268-16:2011)

- HRN EN 62516-2:2012 en pr
Prijemnici zemaljske digitalne multimedijске difuzije (T-DMB) – 2. dio: Usluge uzajamnog djelovanja podataka uporabom BIFS (IEC 62516-2:2011; EN 62516-2:2011)
Terrestrial digital multimedia broadcasting (T-DMB) receivers – Part 2: Interactive data services using BIFS (IEC 62516-2:2011; EN 62516-2:2011)
- HRN EN 62605:2012 en pr
Multimedijски sustavi i oprema – Multimedijско e-izdavaštvo i e-knjige – Format međusobne izmjene za e-riječnike (IEC 62605:2011; EN 62605:2011)
Multimedia systems and equipment – Multimedia e-publishing and e-books – Interchange format for e-dictionaries (IEC 62605:2011; EN 62605:2011)
- HRN EN 62634:2012 en pr
Radiopodatkovni sustav (RDS, Radio Data System) – Proizvodi prijammika i značajke – Metode mjerenja (IEC 62634:2011; EN 62634:2011)
Radio data system (RDS) – Receiver products and characteristics – Methods of measurement (IEC 62634:2011; EN 62634:2011)

HZN/TO T4, Normizacija u telekomunikacijama

- HRS ETSI/TS 101 533-1 V1.3.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Sigurnost sustava za zaštitu podataka – 1. dio: Zahtjevi za primjenu i upravljanje (ETSI/TS 101 533-1 V1.3.1:2012)
Electronic Signatures and Infrastructures (ESI) – Data Preservation Systems Security – Part 1: Requirements for Implementation and Management (ETSI/TS 101 533-1 V1.3.1:2012)
- HRS ETSI/TS 101 733 V1.8.3:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Usavršeni elektronički potpisi u CMS-u (CAAdES) (ETSI/TS 101 733 V1.8.3:2011)
Electronic Signatures and Infrastructures (ESI) – CMS Advanced Electronic Signatures (CAAdES) (ETSI/TS 101 733 V1.8.3:2011)
- HRS ETSI/TS 101 733 V2.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Usavršeni elektronički potpisi u CMS-u (CAAdES) (ETSI/TS 101 733 V2.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – CMS Advanced Electronic Signatures (CAAdES) (ETSI/TS 101 733 V2.1.1:2012)
- HRS ETSI/TS 101 861 V1.4.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Profil vremenskoga žiga (ETSI/TS 101 861 V1.4.1:2011)
Electronic Signatures and Infrastructures (ESI) – Time stamping profile (ETSI/TS 101 861 V1.4.1:2011)
- HRS ETSI/TS 101 903 V1.4.2:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Usavršeni elektronički potpisi u XML-u (XAdES) (ETSI/TS 101 903 V1.4.2:2010)
Electronic Signatures and Infrastructures (ESI) – XML Advanced Electronic Signatures (XAdES) (ETSI/TS 101 903 V1.4.2:2010)
- HRS ETSI/TS 102 042 V1.3.4:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za certifikacijska tijela koja izdaju certifikate s javnim ključem (ETSI/TS 102 042 V1.3.4:2007)
Electronic Signatures and Infrastructures (ESI) – Policy requirements for certification authorities issuing public key certificates (ETSI/TS 102 042 V1.3.4:2007)
- HRS ETSI/TS 102 042 V2.2.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za certifikacijska tijela koja izdaju certifikate s javnim ključem (ETSI/TS 102 042 V2.2.1:2011)
Electronic Signatures and Infrastructures (ESI) – Policy requirements for certification authorities issuing public key certificates (ETSI/TS 102 042 V2.2.1:2011)

- HRS ETSI/TS 102 158 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za davaoce usluga certificiranja koji izdaju dodatne certifikate koji se upotrebljavaju s kvalificiranim certifikatima (ETSI/TS 102 158 V1.1.1:2003)
Electronic Signatures and Infrastructures (ESI) – Policy requirements for Certification Service Providers issuing attribute certificates usable with Qualified certificates (ETSI/TS 102 158 V1.1.1:2003)
- HRS ETSI/TS 102 176-1 V1.2.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Algoritmi i parametri za sigurne elektroničke potpise – 1. dio: Funkcije Hash i asimetrični algoritmi (ETSI/TS 102 176-1 V1.2.1:2005)
Electronic Signatures and Infrastructures (ESI) – Algorithms and Parameters for Secure Electronic Signatures – Part 1: Hash functions and asymmetric algorithms (ETSI/TS 102 176-1 V1.2.1:2005)
- HRS ETSI/TS 102 176-1 V2.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Algoritmi i parametri za sigurne elektroničke potpise – 1. dio: Funkcije Hash i asimetrični algoritmi (ETSI/TS 102 176-1 V2.1.1:2011)
Electronic Signatures and Infrastructures (ESI) – Algorithms and Parameters for Secure Electronic Signatures – Part 1: Hash functions and asymmetric algorithms (ETSI/TS 102 176-1 V2.1.1:2011)
- HRS ETSI/TS 102 176-2 V1.2.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Algoritmi i parametri za sigurne elektroničke potpise – 2. dio: Sigurni kanalski protokoli i algoritmi za uređaje koji stvaraju potpis (ETSI/TS 102 176-2 V1.2.1:2005)
Electronic Signatures and Infrastructures (ESI) – Algorithms and Parameters for Secure Electronic Signatures – Part 2: Secure channel protocols and algorithms for signature creation devices (ETSI/TS 102 176-2 V1.2.1:2005)
- HRS ETSI/TS 102 231 V3.1.2:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Pružanje usklađenih podataka koji su klasificirani kao povjerljivi (ETSI/TS 102 231 V3.1.2:2009)
Electronic Signatures and Infrastructures (ESI) – Provision of harmonized Trust-service status information (ETSI/TS 102 231 V3.1.2:2009)
- HRS ETSI/TS 102 280 V1.1.1:2012 en pr
Profil certifikata X.509 V.3 za certifikate koji se izdaju fizičkim osobama (ETSI/TS 102 280 V1.1.1:2004)
X.509 V.3 Certificate Profile for Certificates Issued to Natural Persons (ETSI/TS 102 280 V1.1.1:2004)
- HRS ETSI/TS 102 573 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za povjerljive davaoce usluga potpisivanja i spremanja podataka za digitalno računovodstvo (ETSI/TS 102 573 V1.1.1:2007)
Electronic Signatures and Infrastructures (ESI) – Policy requirements for trust service providers signing and/or storing data for digital accounting (ETSI/TS 102 573 V1.1.1:2007)
- HRS ETSI/TS 102 573 V2.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za povjerljive davaoce usluga potpisivanja i spremanja podataka (ETSI/TS 102 573 V2.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Policy requirements for trust service providers signing and/or storing data objects (ETSI/TS 102 573 V2.1.1:2012)
- HRS ETSI/TS 102 640-1 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – Arhitektura, formati i opća pravila – 1. dio: Arhitektura (ETSI/TS 102 640-1 V1.1.1:2008)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Architecture, Formats and Policies – Part 1: Architecture (ETSI/TS 102 640-1 V1.1.1:2008)
- HRS ETSI/TS 102 640-1 V2.2.1:2012 en pr
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Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Part 1: Architecture (ETSI/TS 102 640-1 V2.2.1:2011)
- HRS ETSI/TS 102 640-2 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – Arhitektura, formati i opća pravila – 2. dio: Zahtjevi za podatke, formate i potpisane dokaze za REM (ETSI/TS 102 640-2 V1.1.1:2008)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Architecture, Formats and Policies – Part 2: Data Requirements and Formats for Signed Evidences for REM (ETSI/TS 102 640-2 V1.1.1:2008)
- HRS ETSI/TS 102 640-2 V2.2.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – 2. dio: Zahtjevi za podatke, formate i potpise za REM (ETSI/TS 102 640-2 V2.2.1:2011)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Part 2: Data requirements, Formats and Signatures for REM (ETSI/TS 102 640-2 V2.2.1:2011)
- HRS ETSI/TS 102 640-3 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – Arhitektura, formati i opća pravila – 3. dio: Opći zahtjevi informacijske sigurnosti za upravljačka područja REM-a (ETSI/TS 102 640-3 V1.1.1:2008)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Architecture, Formats and Policies – Part 3: Information Security Policy Requirements for REM Management Domains (ETSI/TS 102 640-3 V1.1.1:2008)
- HRS ETSI/TS 102 640-3 V2.1.2:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – 3. dio: Opći zahtjevi informacijske sigurnosti za upravljačka područja REM-a (ETSI/TS 102 640-3 V2.1.2:2011)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Part 3: Information Security Policy Requirements for REM Management Domains (ETSI/TS 102 640-3 V2.1.2:2011)
- HRS ETSI/TS 102 640-4 V2.1.2:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – 4. dio: Usuglašeni profili REM-MD-a (ETSI/TS 102 640-4 V2.1.2:2011)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Part 4: REM-MD Conformance Profiles (ETSI/TS 102 640-4 V2.1.2:2011)
- HRS ETSI/TS 102 640-5 V2.1.2:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – 5. dio: Profili uzajamnoga djelovanja REM-MD-a (ETSI/TS 102 640-5 V2.1.2:2011)
Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Part 5: REM-MD Interoperability Profiles (ETSI/TS 102 640-5 V2.1.2:2011)
- HRS ETSI/TS 102 640-6-1 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – 6. dio: Profili uzajamnoga djelovanja – 1. poddio: Profil uzajamnoga djelovanja REM-MD UPU PreM-a (ETSI/TS 102 640-6-1 V1.1.1:2011)

- Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Part 6: Interoperability Profiles – Sub-part 1: REM-MD UPU PReM Interoperability Profile (ETSI/TS 102 640-6-1 V1.1.1:2011)
- HRS ETSI/TS 102 640-6-2 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – 6. dio: Profili uzajamnoga djelovanja – 2. poddio: Profil uzajamnoga djelovanja REM-MD BUSDOX-a (ETSI/TS 102 640-6-2 V1.1.1:2011)
- Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Part 6: Interoperability Profiles – Sub-part 2: REM-MD BUSDOX Interoperability Profile (ETSI/TS 102 640-6-2 V1.1.1:2011)
- HRS ETSI/TS 102 640-6-3 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Preporučena elektronička pošta (REM) – 6. dio: Profili uzajamnoga djelovanja – 3. poddio: Obvezujući profil REM-MD SOAP-a (ETSI/TS 102 640-6-3 V1.1.1:2011)
- Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) – Part 6: Interoperability Profiles – Sub-part 3: REM-MD SOAP Binding Profile (ETSI/TS 102 640-6-3 V1.1.1:2011)
- HRS ETSI/TS 102 734 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili usavršenih elektroničkih potpisa u CMS-u utemeljenih na TS 101 733 (CadES) (ETSI/TS 102 734 V1.1.1:2007)
- Electronic Signatures and Infrastructures – Profiles of CMS Advanced Electronic Signatures based on TS 101 733 (CADES) (ETSI/TS 102 734 V1.1.1:2007)
- HRS ETSI/TS 102 778-3 V1.2.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Napredni elektronički potpis u PDF-u – 3. dio: Poboļjšani PadES – PadES-BES i PadES-EPES profili (ETSI/TS 102 778-3 V1.2.1:2010)
- Electronic Signatures and Infrastructures (ESI) – PDF Advanced Electronic Signature Profiles – Part 3: PAdES Enhanced – PAdES-BES and PAdES-EPES Profiles (ETSI/TS 102 778-3 V1.2.1:2010)
- HRS ETSI/TS 102 778-4 V1.1.2:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili usavršenoga elektroničkog potpisa u PDF-u – 4. dio: Dugotrajni PadES – PadES LTV profili (ETSI/TS 102 778-4 V1.1.2:2009)
- Electronic Signatures and Infrastructures (ESI) – PDF Advanced Electronic Signature Profiles – Part 4: PAdES Long Term – PAdES LTV Profile (ETSI/TS 102 778-4 V1.1.2:2009)
- HRS ETSI/TS 102 778-5 V1.1.2:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili usavršenoga elektroničkog potpisa u PDF-u – 5. dio: PadES za sadržaj u XML-u – Profili za potpise XAdES-a (ETSI/TS 102 778-5 V1.1.2:2009)
- Electronic Signatures and Infrastructures (ESI) – PDF Advanced Electronic Signature Profiles – Part 5: PAdES for XML Content – Profiles for XAdES signatures (ETSI/TS 102 778-5 V1.1.2:2009)
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Elektronički potpisi i infrastrukture (ESI) – Profili usavršenoga elektroničkog potpisa u PDF-u – 6. dio: Vizualni prikazi elektroničkih potpisa (ETSI/TS 102 778-6 V1.1.1:2010)
- Electronic Signatures and Infrastructures (ESI) – PDF Advanced Electronic Signature Profiles – Part 6: Visual Representations of Electronic Signatures (ETSI/TS 102 778-6 V1.1.1:2010)
- HRS ETSI/TS 102 904 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili usavršenih elektroničkih potpisa u XML-u koji se temelje na TS 101 903 (XAdES) (ETSI/TS 102 904 V1.1.1:2007)
- Electronic Signatures and Infrastructures – Profiles of XML Advanced Electronic Signatures based on TS 101 903 (XAdES) (ETSI/TS 102 904 V1.1.1:2007)
- HRS ETSI/TS 102 918 V1.2.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Spremnici pridruženih potpisa (ASIC) (ETSI/TS 102 918 V1.2.1:2012)
- Electronic Signatures and Infrastructures (ESI) – Associated Signature Containers (ASiC) (ETSI/TS 102 918 V1.2.1:2012)
- HRS ETSI/TS 103 090 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Ocjena sukladnosti za povjerljive davaoce usluga koji izdaju certifikate s produženom valjanošću (ETSI/TS 103 090 V1.1.1:2012)
- Electronic Signatures and Infrastructures (ESI) – Conformity Assessment for Trust Service Providers issuing Extended Validation Certificates (ETSI/TS 103 090 V1.1.1:2012)
- HRS ETSI/TS 103 171 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Osnovni profil XAdES-a (ETSI/TS 103 171 V1.1.1:2011)
- Electronic Signatures and Infrastructures (ESI) – XAdES Baseline Profile (ETSI/TS 103 171 V1.1.1:2011)
- HRS ETSI/TS 103 171 V2.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Osnovni profil XAdES-a (ETSI/TS 103 171 V2.1.1:2012)
- Electronic Signatures and Infrastructures (ESI) – XAdES Baseline Profile (ETSI/TS 103 171 V2.1.1:2012)
- HRS ETSI/TS 103 172 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Osnovni profil PadES-a (ETSI/TS 103 172 V1.1.1:2011)
- Electronic Signatures and Infrastructures (ESI) – PAdES Baseline Profile (ETSI/TS 103 172 V1.1.1:2011)
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Elektronički potpisi i infrastrukture (ESI) – Osnovni profil PadES-a (ETSI/TS 103 172 V2.1.1:2012)
- Electronic Signatures and Infrastructures (ESI) – PAdES Baseline Profile (ETSI/TS 103 172 V2.1.1:2012)
- HRS ETSI/TS 103 173 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Osnovni profil CadES-a (ETSI/TS 103 173 V1.1.1:2011)
- Electronic Signatures and Infrastructures (ESI) – CAdES Baseline Profile (ETSI/TS 103 173 V1.1.1:2011)
- HRS ETSI/TS 103 173 V2.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Osnovni profil CadES-a (ETSI/TS 103 173 V2.1.1:2012)
- Electronic Signatures and Infrastructures (ESI) – CAdES Baseline Profile (ETSI/TS 103 173 V2.1.1:2012)
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Elektronički potpisi i infrastrukture (ESI) – Osnovni profil ASIC-a (ETSI/TS 103 174 V1.2.1:2012)
- Electronic Signatures and Infrastructures (ESI) – ASiC Baseline Profile (ETSI/TS 103 174 V1.2.1:2012)
- HRS ETSI/TS 103 174 V2.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Osnovni profil ASIC-a (ETSI/TS 103 174 V2.1.1:2012)
- Electronic Signatures and Infrastructures (ESI) – ASiC Baseline Profile (ETSI/TS 103 174 V2.1.1:2012)
- HRS ETSI/TS 119 134-5 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Ispitivanje sukladnosti i uzajamnoga djelovanja za usavršeni elektronički potpis u XML-u (XAdES) – 5. dio: Ispitivanje ispravnosti osnovnoga profila XAdES-a (ETSI/TS 119 134-5 V1.1.1:2012)
- Electronic Signatures and Infrastructures (ESI) – XML Advanced Electronic Signature (XAdES) Testing Compliance & Interoperability – Part 5: Conformance Testing for XAdES Baseline Profile (ETSI/TS 119 134-5 V1.1.1:2012)

- HRS ETSI/TS 119 144-2 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Usavršeni elektronički potpis u PDF-u (PAdES) – Ispitivanje sukladnosti i uzajamnoga djelovanja – 2. dio: Ispitni programi za ispitivanje uzajamnoga djelovanja ispitnih događaja PAdES-a (ETSI/TS 119 144-2 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – PDF Advanced Electronic Signature (PAdES) Testing Compliance & Interoperability – Part 2: Test Suite for PAdES interoperability test events (ETSI/TS 119 144-2 V1.1.1:2012)
- HRS ETSI/TS 119 164-2 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Ispitivanje sukladnosti i uzajamnoga djelovanja spremnika pridruženih potpisa (ASiC) – 2. dio: Ispitni programi za uzajamno djelovanje ispitnih događaja u ASiC-u (ETSI/TS 119 164-2 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Associated Signature Containers (ASiC) Testing Compliance & Interoperability – Part 2: Test Suite for ASiC interoperability test events (ETSI/TS 119 164-2 V1.1.1:2012)
- HRS ETSI/TS 119 403 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Ocjena sukladnosti povjerljivih davalaca usluga – Opći zahtjevi i smjernice (ETSI/TS 119 403 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Trust Service Provider Conformity Assessment – General requirements and guidance (ETSI/TS 119 403 V1.1.1:2012)
- HRS ETSI/TS 119 412-2 V1.1.1:2012 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili za povjerljive davaoče usluga certificiranja – 2. dio: Profil certifikata koji se izdaju fizičkim osobama (ETSI/TS 119 412-2 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Profiles for Trust Service Providers issuing certificates – Part 2: Certificate Profile for certificates issued to natural persons (ETSI/TS 119 412-2 V1.1.1:2012)
- HRN EN 300 113-2 V1.5.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Kopnena pokretna služba – Radijska oprema namijenjena prijenosu podataka (i/ili govora) sa stalnom ili promjenjivom modulacijskom ovojnicom i s antenskim spojnikom – 2. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 300 113-2 V1.5.1:2011)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Land mobile service – Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 300 113-2 V1.5.1:2011)
- HRN EN 301 489-23 V1.5.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma elektromagnetske kompatibilnosti (EMC) za radijsku opremu i službe – 23. dio: Posebni uvjeti za IMT-2000 CDMA, radio izravnoga raspršenja (UTRA i E-UTRA) bazne postaje (BS), repetitor i pomoćna oprema (EN 301 489-23 V1.5.1:2011)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 23: Specific conditions for IMT-2000 CDMA, Direct Spread (UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary equipment (EN 301 489-23 V1.5.1:2011)
- HRN EN 301 489-34 V1.3.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma elektromagnetske kompatibilnosti (EMC) za radijsku opremu i službe – 34. dio: Posebni uvjeti za vanjski izvor napajanja (EPS) mobilnih telefona (EN 301 489-34 V1.3.1:2012)
- Electromagnetic compatibility and Radio spectrum Matters (ERM) – ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 34: Specific conditions for External Power Supply (EPS) for mobile phones (EN 301 489-34 V1.3.1:2012)
- HRN EN 301 559-2 V1.1.2:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Aktivni medicinski implantati male snage (LP-AMI) u frekvencijskome području od 2483,5 do 2500 MHz – 2. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 559-2 V1.1.2:2012)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Low Power Active Medical Implants (LP-AMI) operating in the frequency range 2483,5 MHz to 2500 MHz – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 559-2 V1.1.2:2012)
- HRN EN 301 681 V1.4.1:2012 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana EN norma za pokretne zemaljske postaje (MESs) geostacionarnih pokretnih satelitskih sustava zajedno s ručnim zemaljskim postajama za satelitske osobne komunikacijske mreže (S-PCN) koje rade u pojasovima od 1,5 GHz i 1,6 GHz u pokretnoj satelitskoj službi (MSS) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 681 V1.4.1:2011)
Satellite Earth Stations and Systems (SES) – Harmonized EN for Mobile Earth Stations (MESs) of Geostationary mobile satellite systems, including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) in the 1,5/1,6 GHz bands under the Mobile Satellite Service (MSS) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 681 V1.4.1:2011)
- HRN EN 301 841-3 V1.1.1:2012 en pr
Digitalna VHF poveznica zrak-zemlja (VDL) 2. mod – Tehničke karakteristike i mjerne metode za opremu na tlu – 3. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 841-3 V1.1.1:2011)
VHF air-ground Digital Link (VDL) Mode 2 – Technical characteristics and methods of measurement for ground-based equipment – Part 3: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 841-3 V1.1.1:2011)
- HRN EN 301 893 V1.6.1:2012 en pr
Širokopojasne radiopristupne mreže (BRAN) – RLAN od 5 GHz visoke provedbene kakvoće – Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 893 V1.6.1:2011)
Broadband Radio Access Networks (BRAN) – 5 GHz high performance RLAN – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 893 V1.6.1:2011)
- HRN EN 301 893 V1.7.1:2012 en pr
Širokopojasne radiopristupne mreže (BRAN) – RLAN od 5 GHz visoke provedbene kakvoće – Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 893 V1.7.1:2012)
Broadband Radio Access Networks (BRAN) – 5 GHz high performance RLAN – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 893 V1.7.1:2012)
- HRN EN 302 208-2 V1.4.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Oprema za radiofrekvencijsko prepoznavanje u pojasu od 865 MHz do 868 MHz s razinama snage do 2 W – 2. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 208-2 V1.4.1:2011)

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 208-2 V1.4.1:2011)

- HRN EN 302 858-2 V1.2.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Telematika cestovnoga prijevoza i prometa (RTTT) – Kratkodometna radarska oprema u frekvencijskome području od 24,05 do 24,25 GHz za automobilsku primjenu – 2. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 858-2 V1.2.1:2011)
- Electromagnetic compatibility and Radio spectrum Matters (ERM) – Road Transport and Traffic Telematics (RTTT) – Short range radar equipment operating in the 24,05 GHz to 24,25 GHz frequency range for automotive application – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 858-2 V1.2.1:2011)

HZN/TU I2, *Strojarstvo 2*

- HRN EN 12977-1:2012 en pr
Thermal solar systems and components – Custom built systems – Part 1: General requirements for solar water heaters and combisystems (EN 12977-1:2012)
- HRN EN 12977-2:2012 en pr
Thermal solar systems and components – Custom built systems – Part 2: Test methods for solar water heaters and combisystems (EN 12977-2:2012)
- HRN EN 12977-3:2012 en pr
Thermal solar systems and components – Custom built systems – Part 3: Performance test methods for solar water heater stores (EN 12977-3:2012)
- HRN EN 12977-4:2012 en pr
Thermal solar systems and components – Custom built systems – Part 4: Performance test methods for solar combistores (EN 12977-4:2012)
- HRN EN 12977-5:2012 en pr
Thermal solar systems and components – Custom built systems – Part 5: Performance test methods for control equipment (EN 12977-5:2012)
- HRN EN 15949:2012 en pr
Safety of machinery – Safety requirements for bar mills, structural steel mills and wire rod mills (EN 15949:2012)

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

- HRN EN ISO 5832-2:2012 en pr
Implants for surgery – Metallic materials – Part 2: Unalloyed titanium (ISO 5832-2:1999; EN ISO 5832-2:2012)
- HRN EN ISO 6876:2012 en pr
Dentistry – Root canal sealing materials (ISO 6876:2012; EN ISO 6876:2012)
- HRN EN ISO 11608-3:2012 en pr
Needle-based injection systems for medical use – Requirements and test methods – Part 3: Finished containers (ISO 11608-3:2012; EN ISO 11608-3:2012)
- HRN EN ISO 11608-5:2012 en pr
Needle-based injection systems for medical use – Requirements and test methods – Part 5: Automated functions (ISO 11608-5:2012; EN ISO 11608-5:2012)
- HRN EN ISO 12836:2012 en pr
Dentistry – Digitizing devices for CAD/CAM systems for indirect dental restorations – Test methods for assessing accuracy (ISO 12836:2012; EN ISO 12836:2012)
- HRN EN ISO 13017:2012 en pr
Dentistry – Magnetic attachments (ISO 13017:2012; EN ISO 13017:2012)

HRN EN ISO 13397-2:2005/A1:2012 en pr
Dentistry – Periodontal cures, dental scalers and excavators – Part 2: Periodontal cures of Gr-type – Amendment 1: Colour coding (ISO 13397-2:2005/Amd 1:2012; EN ISO 13397-2:2005/A1:2012)

- HRN EN ISO 13504:2012 en pr
Dentistry – General requirements for instruments and related accessories used in dental implant placement and treatment (ISO 13504:2012; EN ISO 13504:2012)
- HRN EN ISO 14457:2012 en pr
Dentistry – Handpieces and motors (ISO 14457:2012; EN ISO 14457:2012)
- HRN EN 16224:2012 en pr
Health care provision by chiropractors (EN 16224:2012)
- HRN EN 16280:2012 en pr
Breath alcohol test devices for general public – Requirements and test methods (EN 16280:2012)
- HRN EN ISO 21672-2:2012 en pr
Dentistry – Periodontal probes – Part 2: Designation (ISO 21672-2:2012; EN ISO 21672-2:2012)
- HRN EN ISO 80601-2-56:2012 en pr
Medical electrical equipment – Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement (ISO 80601-2-56:2009; EN ISO 80601-2-56:2012)
- HRN EN ISO 81060-1:2012 en pr
Non-invasive sphygmomanometers – Part 1: Requirements and test methods for non-automated measurement type (ISO 81060-1:2007; EN ISO 81060-1:2012)

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

- HRN EN 2242:2012 en pr
Aerospace series – Crimping of electric cables with conductors defined by EN 2083, EN 4434 and EN 2346 (EN 2242:2012)
- HRN EN 2591-307:2012 en pr
Aerospace series – Elements of electrical and optical connection – Test methods – Part 307: Salt mist (EN 2591-307:2012)
- HRN EN 2591-402:2012 en pr
Aerospace series – Elements of electrical and optical connection – Test methods – Part 402: Shock (EN 2591-402:2012)
- HRN EN 2591-403:2012 en pr
Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration (EN 2591-403:2012)
- HRN EN 2997-003:2012 en pr
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures – 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 003: Square flange receptacle – Product standard (EN 2997-003:2012)
- HRN EN 2997-005:2012 en pr
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures – 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 005: Hermetic square flange receptacle – Product standard (EN 2997-005:2012)
- HRN EN 3456:2012 en pr
Aerospace series – Titanium alloy Ti-P64001 (Ti-6Al-4V) – Annealed – Sheet and strip, hot rolled – a = 6 mm (EN 3456:2012)
- HRN EN 3464:2012 en pr
Aerospace series – Titanium alloy Ti-6Al-4V – Annealed – Plate – 6 mm < a = 100 mm (EN 3464:2012)

HRN EN 3745-301:2012 en pr
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 301: Attenuation (EN 3745-301:2012)

HRN EN 3745-405:2012 en pr
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 405: Low/High temperature bend test (EN 3745-405:2012)

HRN EN 3745-510:2012 en pr
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 510: Bending test (EN 3745-510:2012)

HRN EN 3745-515:2012 en pr
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 515: Buffer insertion force (EN 3745-515:2012)

HRN EN 3745-516:2012 en pr
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 516: Severe cable bend test (EN 3745-516:2012)

HRN EN 3745-517:2012 en pr
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 517: Cable tie clamping test (EN 3745-517:2012)

HRN EN 4531-001:2012 en pr
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 001: Technical specification (EN 4531-001:2012)

HRN EN 4531-002:2012 en pr
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 002: Specification of performance and contact arrangements (EN 4531-002:2012)

HRN EN 4531-003:2012 en pr
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 003: Square flange receptacle – Product standard (EN 4531-003:2012)

HRN EN 4531-004:2012 en pr
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 004: Jam nut receptacle – Product standard (EN 4531-004:2012)

HRN EN 4531-005:2012 en pr
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 005: Plug – Product standard (EN 4531-005:2012)

HRN EN 4531-101:2012 en pr
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 101: Optical contact for EN 4641-100 cable – 55 °C to 125 °C – Product standard (EN 4531-101:2012)

HRN EN 4531-901:2012 en pr
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 901: Filler plugs – Product standard (EN 4531-901:2012)

HRN EN 4644-001:2012 en pr
Aerospace series – Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous – Part 001: Technical specification (EN 4644-001:2012)

HRN EN 4644-002:2012 en pr
Aerospace series – Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous – Part 002: Specification of performance and contact arrangements (EN 4644-002:2012)

HRN EN 4644-142:2012 en pr
Aerospace series – Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous – Part 142: Size 4 receptacle for rack and panel application – Product standard (EN 4644-142:2012)

HRN EN 4677-001:2012 en pr
Aerospace series – Welded and brazed assemblies for aerospace construction – Joints of metallic materials by electron beam welding – Part 001: Quality of welded assemblies (EN 4677-001:2012)

HRN EN 4697:2012 en pr
Aerospace series – General and installation requirements for passenger seat fittings (EN 4697:2012)

HRN EN 4817:2012 en pr
Aerospace series – Passive UHF RFID tags intended for aircraft use (EN 4817:2012)

HRN EN 4818:2012 en pr
Aerospace series – Passive HF RFID tags intended for aircraft use (EN 4818:2012)

HRN EN 4819:2012 en pr
Aerospace series – Contact Memory Button (CMB) tags intended for aircraft use (EN 4819:2012)

HRN EN 16029:2012 en pr
Ride-on, motorized vehicles intended for the transportation of persons and not intended for use on public roads – Single-track two-wheel motor vehicles – Safety requirements and test methods (EN 16029:2012)

HZN/TU U1, *Opća elektrotehnika 1*

HRN EN 60127-1:2009/A1:2012 en pr
Minijturni osigurači – 1. dio: Definicije za minijturne osigurače i opći zahtjevi za minijturne rastalne uloške (IEC 60127-1:2006/am1:2011; EN 60127-1:2006/A1:2011)
Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links (IEC 60127-1:2006/am1:2011; EN 60127-1:2006/A1:2011)

HRN EN 60664-4:2008/Ispr.1:2012 en pr
Koordinacija izolacije za opremu niskonaponskih sustava – 4. dio: Razmatranje visokofrekventnih naponskih opterećenja (EN 60664-4:2006/AC:2006)
Insulation coordination for equipment within low-voltage systems – Part 4: Consideration of high-frequency voltage stress (EN 60664-4:2006/AC:2006)

HRN EN 60695-11-4:2012 en pr
Fire hazard testing – Part 11-4: Test flames – 50 W flame – Apparatus and confirmational test method (IEC 60695-11-4:2011; EN 60695-11-4:2011)

HRN EN 60974-6:2008/Ispr.1:2012 en pr
Oprema za elektrolučno zavarivanje – 6. dio: Izvori napajanja za ručno elektrolučno zavarivanje s ograničenim radnim ciklusom (EN 60974-6:2003/AC:2005)
Arc welding equipment – Part 6: Limited duty manual metal arc welding power sources (EN 60974-6:2003/AC:2005)

HRN EN 60974-12:2012 en pr
Oprema za elektrolučno zavarivanje – 12. dio: Spojni uređaji za kablove za zavarivanje (IEC 60974-12:2011; EN 60974-12:2011)
Arc welding equipment – Part 12: Coupling devices for welding cables (IEC 60974-12:2011; EN 60974-12:2011)

HRN EN 60974-13:2012 en pr
Arc welding equipment – Part 13: Welding clamp (IEC 60974-13:2011; EN 60974-13:2011)

HZNTU V1, *Elektronika 1*

- HRN EN 50288-8:2012 en pr
Multi-element metallic cables used in analogue and digital communication and control – Part 8: Specification for type 1 cables characterised up to 2 MHz (EN 50288-8:2012)
- HRN EN 50377-16-1:2012 en pr
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 16-1: Type LF3 APC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre with titanium composite ferrule for category C (EN 50377-16-1:2011)
- HRN EN 60068-2-83:2012 en pr
Environmental testing – Part 2-83: Tests – Test Tf: Solderability testing of electronic components for surface mounting devices (SMD) by the wetting balance method using solder paste (IEC 60068-2-83:2011; EN 60068-2-83:2011)
- HRN EN 60512-7-2:2012 en pr
Connectors for electronic equipment – Tests and measurements – Part 7-2: Impact tests (free connectors) – Test 7b: Mechanical strength impact (IEC 60512-7-2:2011; EN 60512-7-2:2012)
- HRN EN 60512-9-2:2012 en pr
Connectors for electronic equipment – Tests and measurements – Part 9-2: Endurance tests – Test 9b: Electrical load and temperature (IEC 60512-9-2:2011; EN 60512-9-2:2012)
- HRN EN 60512-27-100:2012 en pr
Connectors for electronic equipment – Tests and measurements – Part 27-100: Signal integrity tests up to 500 MHz on IEC 60603-7 series connectors – Tests 27a to 27g (IEC 60512-27-100:2011; EN 60512-27-100:2012)
- HRN EN 60603-7:2010/A1:2012 en pr
Connectors for electronic equipment – Part 7: Detail specification for 8-way, unshielded, free and fixed connectors (IEC 60603-7:2008/am1:2011; EN 60603-7:2009/A1:2011)
- HRN EN 60747-15:2012 en pr
Semiconductor devices – Discrete devices – Part 15: Isolated power semiconductor devices (IEC 60747-15:2010; EN 60747-15:2012)
- HRN EN 60749-7:2012 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 7: Internal moisture content measurement and the analysis of other residual gases (IEC 60749-7:2011; EN 60749-7:2011)
- HRN EN 60749-21:2012 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 21: Solderability (IEC 60749-21:2011; EN 60749-21:2011)
- HRN EN 60749-29:2012 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 29: Latch-up test (IEC 60749-29:2011; EN 60749-29:2011)
- HRN EN 60749-40:2012 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 40: Board level drop test method using a strain gauge (IEC 60749-40:2011; EN 60749-40:2011)
- HRN EN 60794-2-10:2012 en pr
Optical fibre cables – Part 2-10: Indoor optical fibre cables – Family specification for simplex and duplex cables (IEC 60794-2-10:2011; EN 60794-2-10:2011)
- HRN EN 61076-2-001:2012 en pr
Connectors for electronic equipment – Product requirements – Part 2-001: Circular connectors – Blank detail specification (IEC 61076-2-001:2011; EN 61076-2-001:2011)
- HRN EN 61076-2-106:2012 en pr
Connectors for electronic equipment – Product requirements – Part 2-106: Circular connectors – Detail specification for connectors M 16 x 0,75 with screw-locking and degree of protection IP40 or IP65/67 (IEC 61076-2-106:2011; EN 61076-2-106:2011)
- HRN EN 61169-35:2012 en pr
Radio-frequency connectors – Part 35: Sectional specification for 2,92 series RF connectors (IEC 61169-35:2011; EN 61169-35:2011)
- HRN EN 61290-4-1:2012 en pr
Optical amplifiers – Test methods – Part 4-1: Gain transient parameters – Two-wavelength method (IEC 61290-4-1:2011; EN 61290-4-1:2011)
- HRN EN 61290-4-2:2012 en pr
Optical amplifiers – Test methods – Part 4-2: Gain transient parameters – Broadband source method (IEC 61290-4-2:2011; EN 61290-4-2:2011)
- HRN EN 61300-3-39:2012 en pr
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-39: Examinations and measurements – Physical contact (PC) optical connector reference plug selection for return loss measurements (IEC 61300-3-39:2011; EN 61300-3-39:2012)
- HRN EN 61300-3-46:2012 en pr
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-46: Measurement – Bore diameter for guide pin in MT ferrules (IEC 61300-3-46:2011; EN 61300-3-46:2011)
- HRN EN 61300-3-7:2012 en pr
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-7: Examinations and measurements – Wavelength dependence of attenuation and return loss of single mode components (IEC 61300-3-7:2009, MOD; EN 61300-3-7:2012)
- HRN EN 61587-2:2012 en pr
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 – Part 2: Seismic tests for cabinets and racks (IEC 61587-2:2011; EN 61587-2:2011)
- HRN EN 61701:2012 en pr
Salt mist corrosion testing of photovoltaic (PV) modules (IEC 61701:2011; EN 61701:2012)
- HRN EN 61730-1:2008/A1:2012 en pr
Svojstvo sigurnosti fotonaponskog modula – 1. dio: Zahtjevi za konstrukciju (izgradnju) (IEC 61730-1:2004/am1:2011; EN 61730-1:2007/A1:2012)
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (IEC 61730-1:2004/am1:2011; EN 61730-1:2007/A1:2012)
- HRN EN 61730-2:2008/A1:2012 en pr
Svojstvo sigurnosti fotonaponskog modula – 2. dio: Zahtjevi za ispitivanje (IEC 61730-2:2004/am1:2011; EN 61730-2:2007/A1:2012)
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing (IEC 61730-2:2004/am1:2011; EN 61730-2:2007/A1:2012)
- HRN EN 61747-5-2:2012 en pr
Liquid crystal display devices – Part 5-2: Environmental, endurance and mechanical test methods – Visual inspection of active matrix colour liquid crystal display modules (IEC 61747-5-2:2011; EN 61747-5-2:2011)
- HRN EN 61747-6-2:2012 en pr
Liquid crystal display devices – Part 6-2: Measuring methods for liquid crystal display modules – Reflective type (IEC 61747-6-2:2011+Corr.1:2012; EN 61747-6-2:2011)

HRN EN 61747-6-3:2012 en pr
Liquid crystal display devices – Part 6-3: Measuring methods for liquid crystal display modules – Motion artifact measurement of active matrix liquid crystal display modules (IEC 61747-6-3:2011; EN 61747-6-3:2011)

HRN EN 61967-8:2012 en pr
Integrated circuits – Measurement of electromagnetic emissions – Part 8: Measurement of radiated emissions – IC stripline method (IEC 61967-8:2011; EN 61967-8:2011)

HRN EN 61988-1:2012 en pr
Plasma display panels – Part 1: Terminology and letter symbols (IEC 61988-1:2011; EN 61988-1:2011)

HRN EN 61988-2-1:2012 en pr
Plasma display panels – Part 2-1: Measuring methods – Optical and optoelectrical (IEC 61988-2-1:2012; EN 61988-2-1:2012)

HRN EN 62047-5:2012 en pr
Semiconductor devices – Micro-electromechanical devices – Part 5: RF MEMS switches (IEC 62047-5:2011+Corr.1:2012; EN 62047-5:2011)

HRN EN 62047-7:2012 en pr
Semiconductor devices – Micro-electromechanical devices – Part 7: MEMS BAW filter and duplexer for radio frequency control and selection (IEC 62047-7:2011; EN 62047-7:2011)

HRN EN 62047-9:2012 en pr
Semiconductor devices – Micro-electromechanical devices – Part 9: Wafer to wafer bonding strength measurement for MEMS (IEC 62047-9:2011+Corr.1:2012; EN 62047-9:2011)

HRN EN 62047-10:2012 en pr
Semiconductor devices – Micro-electromechanical devices – Part 10: Micro-pillar compression test for MEMS materials (IEC 62047-10:2011+Corr.1:2012; EN 62047-10:2011)

HRN EN 62047-12:2012 en pr
Semiconductor devices – Micro-electromechanical devices – Part 12: Bending fatigue testing method of thin film materials using resonant vibration of MEMS structures (IEC 62047-12:2011; EN 62047-12:2011)

HRN EN 62109-2:2012 en pr
Sigurnost energetskih pretvarača za uporabu u fotonaponskim energetskim sustavima – 2. dio: Posebni zahtjevi za izmjenjivače (IEC 62109-2:2011; EN 62109-2:2011)
Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters (IEC 62109-2:2011; EN 62109-2:2011)

HRN EN 62137-3:2012 en pr
Electronics assembly technology – Part 3: Selection guidance of environmental and endurance test methods for solder joints (IEC 62137-3:2011; EN 62137-3:2012)

HRN EN 62253:2012 en pr
Photovoltaic pumping systems – Design qualification and performance measurements (IEC 62253:2011; EN 62253:2011)

HRN EN 62496-2-1:2012 en pr
Optical circuit boards – Part 2-1: Measurements – Optical attenuation and isolation (IEC 62496-2-1:2011; EN 62496-2-1:2011)

HRN EN 62509:2012 en pr
Battery charge controllers for photovoltaic systems – Performance and functioning (IEC 62509:2010; EN 62509:2011)

HRN EN 62604-2:2012 en pr
Surface Acoustic Wave (SAW) and Bulk Acoustic Wave (BAW) duplexers of assessed quality – Part 2: Guidelines for the use (IEC 62604-2:2011; EN 62604-2:2012)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN HD 597 S1:2008/Ispr.1:2012 en pr
Spojni kondenzatori i kapacitivni djelitelji (HD 597 S1:1992/AC:1992)
Coupling capacitors and capacitor dividers (HD 597 S1:1992/AC:1992)

HRN EN 61558-1:2009/Ispr.1:2012 en pr
Sigurnost energetskih transformatora, mrežnih opskrbnih jedinica, prigušnica i sličnih proizvoda – 1. dio: Opći zahtjevi i ispitivanja (EN 61558-1:2005/AC:2006)
Safety of power transformers, power supplies, reactors and similar products – Part 1: General requirements and tests (EN 61558-1:2005/AC:2006)

HRN EN 61558-2-15:2008/Ispr.1:2012 en pr
Sigurnost energetskih transformatora, mrežnih opskrbnih jedinica i slično – Dio 2-15: Posebni zahtjevi za izolirane transformatore za opskrbu medicinskih lokacija (EN 61558-2-15:2001/AC:2003)
Safety of power transformers, power supply units and similar – Part 2-15: Particular requirements for isolating transformers for the supply of medical locations (EN 61558-2-15:2001/AC:2003)

HRN EN 61558-2-15:2008/Ispr.2:2012 en pr
Sigurnost energetskih transformatora, mrežnih opskrbnih jedinica i slično – Dio 2-15: Posebni zahtjevi za izolirane transformatore za opskrbu medicinskih lokacija (EN 61558-2-15:2001/AC:2004)
Safety of power transformers, power supply units and similar – Part 2-15: Particular requirements for isolating transformers for the supply of medical locations (EN 61558-2-15:2001/AC:2004)

HRN EN 61558-2-15:2012 en pr
Sigurnost transformatora, prigušnica, mrežnih opskrbnih jedinica i kombinacija od toga – Dio 2-15: Posebni zahtjevi i ispitivanja za izolirane transformatore za opskrbu medicinskih lokacija (IEC 61558-2-15:2011; EN 61558-2-15:2012)
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-15: Particular requirements and tests for isolating transformers for the supply of medical locations (IEC 61558-2-15:2011; EN 61558-2-15:2012)

HRN EN 61812-1:2012 en pr
Vremenski releji za industrijsku stambenu primjenu – 1. dio: Zahtjevi i ispitivanja (IEC 61812-1:2011; EN 61812-1:2011)
Time relays for industrial and residential use – Part 1: Requirements and tests (IEC 61812-1:2011; EN 61812-1:2011)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 163/03) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacrtima hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacrtu 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 28, *Naftni proizvodi i maziva*

nHRN ISO 1998-3 hr,en,fr pp
Naftna industrija – Nazivlje – 3. dio: Istraživanje i proizvodnja (ISO 1998-3:1998)
Petroleum industry – Terminology – Part 3: Exploration and production (ISO 1998-3:1998)

nHRN ISO 1998-4 hr,en,fr pp
Naftna industrija – Nazivlje – 4. dio: Rafinerijska prerada (ISO 1998-4:1998)
Petroleum industry – Terminology – Part 4: Refining (ISO 1998-4:1998)

HZN/TO 554, Obrada otpadnih voda

nHRN EN 1085 hr,en,fr,de pp
Pročišćavanje otpadnih voda – Terminološki rječnik (EN 1085:2007)
Wastewater treatment – Vocabulary (EN 1085:2007)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 163/03) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma.

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

HZN/TO 6, Papir, karton i pulpe

prEN 16453 en
Pulp, paper and paperboard – Determination of phthalates in extracts from paper and paperboard
Pulpa, papir i karton – Određivanje ftalata u ekstraktima papira i kartona

HZN/TO 22, Cestovna vozila

ISO 6722-1:2011+Cor 1:2012 en
Road vehicles – 60 V and 600 V single-core cables – Part 1: Dimensions, test methods and requirements for copper conductor cables
Cestovna vozila – Jednožilni kabeli za 60 V i 600 V – 1. dio: Dimenzije, metode ispitivanja i zahtjevi za kabele s bakrenim vodičem

ISO/DIS 6722-2 en
Road vehicles – 60 V and 600 V single-core cables – Part 2: Dimensions test methods and requirements for aluminium conductor cables
Cestovna vozila – Jednožilni kabeli za 60 V i 600 V – 2. dio: Dimenzije, metode ispitivanja i zahtjevi za kabele s aluminijskim vodičem

ISO 6856:2005 en
Road vehicles – Unscreened high-voltage ignition cable assemblies – Test methods and general requirements
Cestovna vozila – Sklopovi neoklopljenih visokonaponskih kabela za paljenje – Metode ispitivanja i opći zahtjevi

ISO 6969:2004 en
Road vehicles – Sound signalling devices – Tests after mounting on vehicle
Cestovna vozila – Uređaji za zvučnu signalizaciju – Ispitivanja nakon ugradnje na vozilo

ISO 7116:2011 en
Mopeds – Measurement method for determining maximum speed
Mopedi – Metoda mjerenja za određivanje najveće brzine

ISO 7117:2010 en
Motorcycles – Measurement method for determining maximum speed
Motocikli – Metoda mjerenja za određivanje najveće brzine

ISO 7141:2005 en
Road vehicles – Light alloy wheels – Impact test
Cestovna vozila – Naplatci od lakih legura – Ispitivanje na udar

ISO 7299-1:2007 en
Diesel engines – End-mounting flanges for pumps – Part 1: Fuel injection pumps
Dizelski motori – Prirubnice za pričvršćivanje pumpa – 1. dio: Pumpe za ubrizgavanje goriva

ISO 7299-2:2009 en
Diesel engines – End-mounting flanges for pumps – Part 2: High-pressure supply pumps for common rail fuel injection systems
Dizelski motori – Prirubnice za pričvršćivanje pumpa – 2. dio: Visokotlačne dobavne pumpe za sustave ubrizgavanja goriva sa zajedničkim spremnikom (common rail)

ISO 7578:2008 en
Road vehicles – Sheath-type glow-plugs – General requirements and test methods
Cestovna vozila – Obloženi tip žarnica – Opći zahtjevi i metode ispitivanja

ISO 7612:2009 en
Diesel engines – Base-mounted in-line fuel injection pumps and high-pressure supply pumps for common rail fuel injection systems – Mounting dimensions
Dizelski motori – Redne pumpe za ubrizgavanje goriva ugrađene na ravnu podlogu i visokotlačne dobavne pumpe za sustave ubrizgavanja goriva sa zajedničkim spremnikom (common rail) – Ugradbene dimenzije

ISO 7634:2007 en
Road vehicles – Compressed air braking systems for towed vehicles including those with electronic braking control functions – Test procedures
Cestovna vozila – Kočni sustavi sa stlačenim zrakom za vučena vozila uključujući i vozila s funkcijama elektroničkoga upravljanja kočenjem – Postupci ispitivanja

ISO 7635:2006 en
Road vehicles – Air and air/hydraulic braking systems of motor vehicles, including those with electronic control functions – Test procedures
Cestovna vozila – Zračni i zračno-hidraulični kočni sustavi motornih vozila uključujući i vozila s funkcijama elektroničkoga upravljanja – Postupci ispitivanja

ISO 7637-1:2002/Amd 1:2008 en
Road vehicles – Electrical disturbances from conduction and coupling – Part 1: Definitions and general considerations
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprežanjem – 1. dio: Definicije i općenito

ISO 7637-2:2011 en
Road vehicles – Electrical disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprežanjem – 2. dio: Vođenje električnih tranzijenata samo duž vodova napajanja

ISO 7637-3:2007 en
Road vehicles – Electrical disturbances from conduction and coupling – Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprežanjem – Prijenos električnih tranzijenata kapacitivnim ili induktivnim sprežanjem vodovima koji nisu namijenjeni napajanja

ISO 7638-2:2003 en
Road vehicles – Connectors for the electrical connection of towing and towed vehicles – Part 2: Connectors for braking systems and running gear of vehicles with 12 V nominal supply voltage
Cestovna vozila – Spojnici za električno spajanje vučnih i vučenih vozila – 2. dio: Spojnici za kočne sustave i podvozja vozila s nazivnim naponom napajanja od 12 V

- ISO 8535-1:2011 en
Diesel engines – Steel tubes for high-pressure fuel injection pipes – Part 1: Requirements for seamless cold-drawn single-wall tubes
Dizelski motori – Čelične cijevi za visokotlačne vodove za ubrizgavanje goriva – 1. dio: Zahtjevi za bešavne, hladno vučene jednostijene cijevi
- ISO 8644:2006 en
Motorcycles – Light-alloy wheels – Test method
Motocikli – Naplatci od lakih legura – Metoda ispitivanja
- ISO 8664:2005/Amd 1:2010 en
Tyres for agricultural tractors and machines – Code-designated and service-description marked radial drive-wheel tyres
Gume za poljoprivredne traktore i strojeve – Radijalne gume za pogonske kotače označene kodnom oznakom i uporabnim značajkama
- ISO 8820-1:2008 en
Road vehicles – Fuse-links – Part 1: Definitions and general test requirements
Cestovna vozila – Ulošci osigurača – 1. dio: Definicije i opći ispitni zahtjevi
- ISO 8820-2:2005 en
Road vehicles – Fuse-links – Part 2: User's guide
Cestovna vozila – Ulošci osigurača – 2. dio: Upute za korisnike
- ISO 8820-3:2010 en
Road vehicles – Fuse-links – Part 3: Fuse-links with tabs (blade type) Type C (medium), Type E (high current) and Type F (miniature)
Cestovna vozila – Ulošci osigurača – 3. dio: Ulošci osigurača sa stopicama (nožastoga tipa), tipa C (srednje struje), tipa E (velike struje) i tipa F (vrlo male struje)
- ISO 8820-4:2010 en
Road vehicles – Fuse-links – Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures
Cestovna vozila – Ulošci osigurača – 4. dio: Ulošci osigurača sa ženskim kontaktima (A tipa) i kontaktima za spajanje vijkom (B tipa) i pribor za njihovo ispitivanje
- ISO 8820-5:2007 en
Road vehicles – Fuse-links – Part 5: Fuse-links with axial terminals (Strip fuse-links) Types SF 30 and SF 51 and test fixtures
Cestovna vozila – Ulošci osigurača – 5. dio: Ulošci osigurača s aksijalnim priključcima (pločasti ulošci osigurača) tipova SF 30 i SF 51 i pribor za njihovo ispitivanje
- ISO 9112:2008 en
Truck and bus tyres – Methods of measuring tyre rolling circumference – Loaded new tyres
Gume za teretne automobile i autobuse – Metode mjerenja opsega kotrljanja gume – Nove gume pod opterećenjem
- ISO 9815:2010 en
Road vehicles – Passenger-car and trailer combinations – Lateral stability test
Cestovna vozila – Skupovi osobnoga automobila i prikolice – Ispitivanje bočne stabilnosti
- ISO 9816:2006 en
Passenger cars – Power-off reaction of a vehicle in a turn – Open-loop test method
Osobni automobili – Reakcija vozila u zaokretanju pri naglom otpuštanju papučice snage – Metoda ispitivanja otvorenom petljom
- ISO 10191:2010 en
Passenger car tyres – Verifying tyre capabilities – Laboratory test methods
Gume za osobne automobile – Provjera sposobnosti guma – Laboratorijske metode ispitivanja
- ISO/TR 10305-1:2003 en
Road vehicles – Calibration of electromagnetic field strength measuring devices – Part 1: Devices for measurement of electromagnetic fields at frequencies > 0 Hz
Cestovna vozila – Umjeravanje uređaja za mjerenje jakosti elektromagnetskih polja – 1. dio: Uređaji za mjerenje jakosti elektromagnetskih polja pri frekvencijama > 0 Hz
- ISO/TR 10305-2:2003 en
Road vehicles – Calibration of electromagnetic field strength measuring devices – Part 2: IEEE standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz
Cestovna vozila – Umjeravanje uređaja za mjerenje jakosti elektromagnetskih polja – 2. dio: IEEE norma za umjeravanje osjetila i sonda elektromagnetskih polja, osim antena, od 9 kHz do 40 GHz
- ISO 10355:2004 en
Mopeds – Positioning of lighting and light-signalling devices
Mopedi – Postavljanje uređaja za osvjtljivanje i svjetlosnu signalizaciju
- HZN/TO 23, Traktori i strojevi za poljoprivredu i šumarstvo**
- EN ISO 10517:2009/prA1 en
Powered hand-held hedge trimmers – Safety (ISO 10519:2009/DAM 1:2012)
Motorni čistači – Sigurnost (ISO 10519:2009/DAM 1:2012)
- HZN/TO 28, Naftni proizvodi i maziva**
- FprEN 14274 en
Automotive fuels – Assessment of petrol and diesel quality – Fuel quality monitoring system (FQMS)
Goriva za motorna vozila – Ocjena kvalitete benzina i dizelskoga goriva – Sustav nadzora kvalitete goriva (FQMS)
- FprEN 14275 en
Automotive fuels – Assessment of petrol and diesel fuel quality – Sampling from retail site pumps and commercial site fuel dispensers
Goriva za motorna vozila – Ocjena kvalitete benzina i dizelskoga goriva – Uzorkovanje iz pumpi na benzinskim postajama i komercijalnih istakača goriva
- prEN ISO 22854 rev en
Liquid petroleum products – Determination of hydrocarbon types and oxygenates in automotive-motor gasoline – Multidimensional gas chromatography method (ISO/DIS 22854:2012)
Tekući naftni proizvodi – Određivanje vrste ugljikovodika i oksigenata u gorivu za motorna vozila – Metoda višedimenzionalne plinske kromatografije (ISO/DIS 22854:2012)
- HZN/TO 43, Akustika**
- prEN ISO 11200 en
Acoustics – Noise emitted by machinery and equipment – Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions (ISO/DIS 11200:2012)
Akustika – Buka koju zrače strojevi i oprema – Smjernice za uporabu temeljnih norma za određivanje zvučnoga tlaka emisije na radnome mjestu i na drugim specificiranim mjestima (ISO/DIS 11200:2012)
- HZN/TO 44, Zavarivanje i srodni postupci**
- FprEN ISO 6520-2 en
Welding and allied processes – Classification of geometric imperfections in metallic materials – Part 2: Welding with pressure (ISO/FDIS 6520-2:2012)

Zavarivanje i srodni procesi – Razredba geometrijskih nepravilnosti u metalnim materijalima – 2. dio: Zavarivanje pritiskom (ISO/FDIS 6520-2:2012)

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

prEN 16440-1 en

Testing methodologies of cooling equipment for insulated means of transportation – Part 1: Mechanical refrigeration systems with forced air circulation evaporator or convection and optional heating devices

HZN/TO 92, Zaštita od požara

prEN 13381-3 en

Test methods for determining the contribution to the fire resistance of structural members – Part 3: Applied protection to concrete members
Ispitne metode za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 3. dio: Zaštita primjenjena na betonskim elementima

HZN/TO 108, Mehaničke vibracije i udari

FprEN 12786 en

Safety of machinery – Rules for the drafting of the vibration clauses of safety standards
Sigurnost strojeva – Pravila za pisanje vibracijskih odredaba u sigurnosnim normama

HZN/TO 116, Uređaji i oprema za izmjenu topline

prEN 327 rev en

Heat exchangers – Forced convection air cooled refrigerant condensers – Test procedures for establishing performance
Izmjenjivači topline – Rashladni kondenzatori hlađeni prisilnom konvekcijom zraka – Postupci ispitivanja za određivanje radnih značajka

prEN 328 rev en

Heat exchangers – Forced convection unit air coolers for refrigeration – Test procedures for establishing the performance
Izmjenjivači topline – Hladnjaci s prisilnom konvekcijom zraka – Postupci ispitivanja za određivanje radnih značajka

prEN 1048 rev en

Heat exchangers – Air cooled liquid coolers ('dry coolers') – Test procedures for establishing performance
Izmjenjivači topline – Hladnjaci tekućine (suhi rashladni tornjevi) hlađeni prisilnom konvekcijom zraka – Postupak ispitivanja za određivanje radnih značajka

EN 1264-2:2008+A1:2012 en

Water based surface embedded heating and cooling systems – Part 2: Floor heating – Prove methods for the determination of the thermal output using calculation and test methods
Ugradbeni sustavi površinskog grijanja i hlađenja vodom – 2. dio: Podno grijanje – Metode za dokazivanje toplinskog učinka proračunom i metodama ispitivanja

FprEN 14037-1 en

Free hanging heating and cooling surfaces for water with a temperature below 120°C – Part 1: Technical specifications and requirements
Slobodno ovještene ogrjevne i rashladne površine za vodu temperature niže od 120°C – 1. dio: Tehničke specifikacije i zahtjevi

FprEN 14037-2 en

Free hanging heating and cooling surfaces for water with a temperature below 120°C – Part 2: Test method for thermal output of ceiling mounted radiant panels
Slobodno ovještene ogrjevne i rashladne površine za vodu temperature niže od 120°C – 2. dio: Metode ispitivanja za određivanje toplinskog učinka stropno postavljenih zračćih panela

FprEN 14037-3 en

Free hanging heating and cooling surfaces for water with a temperature below 120°C – Part 3: Rating method and evaluation of radiant thermal output of ceiling mounted radiant panels
Slobodno ovještene ogrjevne i rashladne površine za vodu temperature niže od 120°C – 3. dio: Metode ocjene i utvrđivanja toplinskog učinka zračenjem stropno postavljenih zračćih panela

FprEN 14037-4 en

Free hanging heating and cooling surfaces for water with a temperature below 120°C – Part 4: Test method for cooling capacity of ceiling mounted radiant panels
Slobodno ovještene ogrjevne i rashladne površine za vodu temperature niže od 120°C – 4. dio: Metode ispitivanja za određivanje rashladnog učinka stropno postavljenih zračćih panela

FprEN 14037-5 en

Free hanging heating and cooling surfaces for water with a temperature below 120°C – Part 5: Test method for thermal output of open or closed heated ceiling surfaces
Slobodno ovještene ogrjevne i rashladne površine za vodu temperature niže od 120°C – 5. dio: Metode ispitivanja za određivanje toplinskog učinka otvorenih i zatvorenih stropnih ogrjevnih površina

prEN 15250 rev en

Slow release appliances fired by solid fuel – Requirements and test methods
Uređaji na kruta goriva s akumulacijom topline – Zahtjevi i metode ispitivanja

prEN ISO 23553-1 rev en

Safety and control devices for oil burners and oil burning appliances – Particular requirements – Part 1: Automatic and semi-automatic valves (ISO/DIS 23553-1:2012)
Sigurnosni i upravljački uređaji za uljne plamenike i uređaje za izgaranje ulja – Posebni zahtjevi – 1. dio: Automatski i poluautomatski ventili (ISO/DIS 23553-1:2012)

HZN/TO 121, Anestetička i respiracijska oprema

EN ISO 5356-2:2012 en

Anaesthetic and respiratory equipment – Conical connectors – Part 2: Screw-threaded weight-bearing connectors (ISO 5356-2:2012)
Anestetička i respiracijska oprema – Stožasti priključci – 2. dio: Priključci na navoj veće nosivosti (ISO 5356-2:2012)

prEN ISO 11197 rev en

Medical supply units (ISO/DIS 11197:2012)
Opskrbni uređaji za medicinske medije (ISO/DIS 11197:2012)

HZN/TO 134, Gnojiva i poboljšivači tla

prEN 12945 rev en

Liming materials – Determination of neutralizing value – Titrimetric methods
Tvari za kalcifikaciju – Određivanje neutralizacijske vrijednosti – Titrimetrijske metode

prEN 13368-1 en

Fertilizers – Determination of chelating agents in fertilizers by chromatography – Part 1: Determination of EDTA, HEEDTA and DTPA by ion chromatography

HZN/TO 135, Nerazorna ispitivanja

prEN ISO 16946 en

Non-destructive testing – Ultrasonic testing – Specification for step wedge calibration block (ISO/DIS 16946:2012)
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Specifikacija za stepeničasti etalon (ISO/DIS 16946:2012)

prEN ISO 17405 en
Non-destructive testing – Ultrasonic testing –
Technique of testing claddings produced by welding,
rolling and explosion (ISO/DIS 17405:2012)
Nerazorno ispitivanje – Ultrazvučno ispitivanje –
Tehnika ispitivanja obloga dobivenih zavarivanjem,
valjanjem i eksplozijom (ISO/DIS 17405:2012)

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

FprCEN/TS 14541 en
Plastics pipes and fittings – Characteristics for
utilisation of non-virgin PVC-U, PP and PE materials
– Complementary element
Plastične cijevi i spojnice za netlačne primjene –
Karakteristike za uporabu PVC-U, PP i PE materijala
koji nije primarnoga podrijetla – Komplementarni
element

HZN/TO 147, *Kvaliteta vode*

EN ISO 7827:2012 en
Water quality – Evaluation of the “ready”, “ultimate”
aerobic biodegradability of organic compounds in an
aqueous medium – Method by analysis of dissolved
organic carbon (DOC) (ISO 7827:2010)

HZN/TO 159, *Ergonomija*

EN ISO 15535:2012 en
General requirements for establishing anthropometric
databases (ISO 15535:2012)
Opći zahtjevi za utvrđivanje antropometrijske baze
podataka (ISO 15535:2012)

HZN/TO 163, *Toplinska izolacija*

FprEN 822 en
Thermal insulating products for building applications
– Determination of length and width
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje duljine i širine

FprEN 823 en
Thermal insulating products for building applications
– Determination of thickness
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje debljine

FprEN 824 en
Thermal insulating products for building applications
– Determination of squareness
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje pravokutnosti

FprEN 825 en
Thermal insulating products for building applications
– Determination of flatness
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje ravnosti

FprEN 826 en
Thermal insulating products for building applications –
Determination of compression behaviour
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje ponašanja pri tlačnom opterećenju

FprEN 1602 en
Thermal insulating products for building applications
– Determination of the apparent density
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje prividne gustoće

FprEN 1603 en
Thermal insulating products for building applications –
Determination of dimensional stability under constant
normal laboratory conditions (23°C/50% relative
humidity)
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje stabilnosti izmjera u uvjetima stabilnih
normalnih laboratorijskih uvjeta (23°C/50% relativne
vlažnosti)

FprEN 1604 en
Thermal insulating products for building applications –
Determination of dimensional stability under specified
temperature and humidity conditions
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje stabilnosti izmjera u uvjetima određenih
temperatura i vlažnosti

FprEN 1605 en
Thermal insulating products for building applications
– Determination of deformation under specified
compressive load and temperature conditions
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje deformacije (promjene oblika) u uvjetima
određenih tlačnih i temperaturnih opterećenja

FprEN 1606 en
Thermal insulating products for building applications
– Determination of compressive creep
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje puzanja pri tlačnom opterećenju

FprEN 1607 en
Thermal insulating products for building applications –
Determination of tensile strength perpendicular to faces
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje vlačne čvrstoće okomito na ravninu ploče

FprEN 1608 en
Thermal insulating products for building applications
– Determination of tensile strength parallel to faces
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje vlačne čvrstoće u ravnini ploče

FprEN 1609 en
Thermal insulating products for building applications
– Determination of short term water absorption by
partial immersion
Toplinsko-izolacijski proizvodi za graditeljstvo
– Određivanje kratkotrajne vodoupojnosti kod
kratkotrajnog djelomičnog uranjanja

FprEN 12085 en
Thermal insulating products for building applications –
Determination of linear dimensions of test specimens
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje linearnih izmjera uzoraka

FprEN 12086 en
Thermal insulating products for building applications –
Determination of water vapour transmission properties
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje paropropusnosti

FprEN 12087 en
Thermal insulating products for building applications
– Determination of long term water absorption by
immersion
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje dugotrajne vodoupojnosti pri uranjanju

FprEN 12088 en
Thermal insulating products for building applications
– Determination of long term water absorption by
diffusion
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje dugotrajne vodoupojnosti pri difuziji

FprEN 12089 en
Thermal insulating products for building applications
– Determination of bending behaviour
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje ponašanja pri savijanju

FprEN 12090 en
Thermal insulating products for building applications
– Determination of shear behaviour
Toplinsko-izolacijski proizvodi za graditeljstvo –
Određivanje ponašanja pri posmiku

FprEN 12091 en
Thermal insulating products for building applications
– Determination of freeze-thaw resistance

- Toplinsko-izolacijski proizvodi za graditeljstvo –
 Određivanje otpornosti na smrzavanje-odmrzavanje
 FprEN 12430 en
 Thermal insulating products for building applications –
 Determination of behaviour under point load
 Toplinsko-izolacijski proizvodi za graditeljstvo –
 Određivanje ponašanja pod točkastim opterećenjem
- FprEN 12431 en
 Thermal insulating products for building applications –
 Determination of thickness for floating floor insulating
 products
 Toplinsko-izolacijski proizvodi za graditeljstvo –
 Određivanje debljine izolacijskih proizvoda za plivajuće
 podove
- EN 14303:2009/FprA1 en
 Thermal insulation products for building equipment and
 industrial installations – Factory made mineral wool
 (MW) products – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi od
 mineralne (MW) vune – Specifikacija
- EN 14304:2009/FprA1 en
 Thermal insulation products for building equipment
 and industrial installations – Factory made flexible
 elastomeric foam (FEF) products – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi
 od savitljive elastomerne pjene (FEF) – Specifikacija
- EN 14305:2009/FprA1 en
 Thermal insulation products for building equipment and
 industrial installations – Factory made cellular glass
 (CG) products – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi
 od ćelijastog (pjenastog) stakla (CG) – Specifikacija
- EN 14306:2009/FprA1 en
 Thermal insulation products for building equipment and
 industrial installations – Factory made calcium silicate
 (CS) products – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi od
 kalcijevog silikata (CS) – Specifikacija
- EN 14307:2009/FprA1 en
 Thermal insulation products for building equipment
 and industrial installations – Factory made extruded
 polystyrene foam (XPS) products – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi od
 ekstrudirane polistirenske pjene (XPS) – Specifikacija
- EN 14308:2009/FprA1 en
 Thermal insulation products for building equipment
 and industrial installations – Factory made rigid
 polyurethane foam (PUR) and polyisocyanurate foam
 (PIR) products – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi od
 tvrde poliuretanske pjene (PUR) i poliizocijanuratne
 pjene – Specifikacija
- EN 14309:2009/FprA1 en
 Thermal insulation products for building equipment
 and industrial installations – Factory made products of
 expanded polystyrene (EPS) – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi od
 ekspaniranog polistirena (EPS) – Specifikacija
- EN 14313:2009/FprA1 en
 Thermal insulation products for building equipment and
 industrial installations – Factory made polyethylene
 foam (PEF) products – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi od
 polietilenske pjene (PEF) – Specifikacija
- EN 14314:2009/FprA1 en
 Thermal insulation products for building equipment and
 industrial installations – Factory made phenolic foam
 (PF) products – Specification
 Toplinsko-izolacijski proizvodi za instalacije u
 zgradama i industriji – Tvornički izrađeni proizvodi od
 fenolne pjene (PF) – Specifikacija
- HZN/TO 165, *Drvene konstrukcije***
 prEN 14081-1 rev en
 Timber structures – Strength graded structural timber
 with rectangular cross section – Part 1: General
 requirements
 Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga
 poprečnog presjeka razvrstano prema čvrstoći – 1. dio:
 Opći zahtjevi
- HZN/TO 172, *Optika i optički instrumenti***
 prEN ISO 11979-7 en
 Ophthalmic implants – Intraocular lenses – Part 7:
 Clinical investigations (ISO/DIS 11979-7:2012)
 Oftalmološki implantanti – Intraokularne leće – 7. dio:
 Klinička istraživanja (ISO/DIS 11979-7:2012)
- EN ISO 13666:2012 en
 Ophthalmic optics – Spectacle lenses – Vocabulary
 (ISO 13666:2012)
 Oftalmološka optika – Leće za naočale – Terminološki
 rječnik (ISO 13666:2012)
- HZN/TO 190, *Kvaliteta tla***
 EN ISO 11269-1:2012 en
 Soil quality – Determination of the effects of pollutants
 on soil flora – Part 1: Method for the measurement of
 inhibition of root growth (ISO 11269-1:2012)
- HZN/TO 215, *Medicinska informatika***
 EN ISO 11073-10406:2012 en
 Health informatics – Personal health device
 communication – Part 10406: Device specialization
 – Basic electrocardiograph (ECG) (1- to 3-lead ECG)
 (ISO/IEEE 11073-10406:2012)
- prEN ISO 21549-2 rev en
 Health informatics – Patient healthcard data – Part 2:
 Common objects (ISO/DIS 21549-2:2012)
 Medicinska informatika – Podaci na zdravstvenoj kartici
 pacijenta – 2. dio: Zajednički objekti
 (ISO/DIS 21549-2:2012)
- prEN ISO 21549-3 rev en
 Health informatics – Patient healthcard data – Part 3:
 Limited clinical data (ISO/DIS 21549-3:2012)
 Medicinska informatika – Podaci na zdravstvenoj kartici
 pacijenta – 3. dio: Izbor kliničkih podataka
 (ISO/DIS 21549-3:2012)
- prEN ISO 21549-4 rev en
 Health informatics – Patient healthcard data – Part 4:
 Extended clinical data (ISO/DIS 21549-4:2012)
 Medicinska informatika – Podaci na zdravstvenoj kartici
 bolesnika – 4. dio: Prošireni klinički podaci
 (ISO/DIS 21549-4:2012)
- HZN/TO 218, *Drvo***
 prEN 16449 en
 Wood and wood-based products – Calculation of
 sequestration of atmospheric carbon dioxide
 Drvo i proizvodi na osnovi drva – Izračun vezanoga
 ugljikova dioksida iz atmosfere
- HZN/TO 502, *Plinski uređaji***
 prEN 16436 en
 Rubber and plastic hoses and tubings for use with
 propane, butane and their mixtures in the vapour phase

HZN/TO 504, Korozija i zaštita metala i legura

prEN 12473 rev en
General principles of cathodic protection in seawater
Opća načela katodne zaštite u morskoj vodi

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

prEN ISO 19900 en
Petroleum and natural gas industries – General requirements for offshore structures (ISO/DIS 19900:2012)
Industrija nafte i prirodnog plina – Opći zahtjevi za odobalne objekte (ISO/DIS 19900:2012)

HZN/TO 509, Cestovna oprema

prEN 1317-4 en
Road restraint systems – Part 4: Performance classes, impact test acceptance criteria and test methods for transitions and removable barrier sections

prEN 1317-7 en
Road restraint systems – Part 7: Performance classes, impact test acceptance criteria and test methods for terminals of safety barriers

HZN/TO 513, Mjerne jedinice i mjerila

prEN ISO 4064-1 rev en
Water meters for cold potable water and hot water – Part 1: Metrological and technical requirements (ISO/DIS 4064-1:2012)

prEN ISO 4064-2 rev en
Water meters for cold potable water and hot water – Part 2: Test methods (ISO/DIS 4064-2:2012)

prEN ISO 4064-3 en
Water meters intended for the metering of cold potable water and hot water – Part 3: Test report format (ISO/DIS 4064-3:2012)

prEN ISO 4064-4 en
Water meters intended for the metering of cold potable water and hot water – Part 4: Non-metrological requirements not covered in ISO 4064-1 (ISO/DIS 4064-4:2012)

prEN ISO 4064-5 en
Water meters intended for the metering of cold potable water and hot water – Part 5: Installation requirements (ISO/DIS 4064-5:2012)

HZN/TO 515, Žičare, uspinjače i vučnice

prEN 12397 en
Safety requirements for cableway installations designed to carry persons – Operation
Sigurnosni zahtjevi za žičare za prijevoz osoba – Pogonske upute

prEN 13796-1 en
Safety requirements for cableway installations designed to carry persons – Carriers – Part 1: Grips, carrier trucks, on-board brakes, cabins, chairs, carriages, maintenance carriers, tow-hangers
Sigurnosni zahtjevi za žičare za prijevoz osoba – Vozila – 1. dio: Stezni uređaji, vozna kolica, kočnice u vozilu, kabine, sjedala, vagoni, vozila za održavanje, vučni uređaji

prEN 13796-2 en
Safety requirements for cableway installations designed to carry persons – Carriers – Part 2: Slipping resistance tests for grips
Sigurnosni zahtjevi za žičare za prijevoz osoba – Vozila – 2. dio: Ispitivanje steznog uređaja na proklizavanje

prEN 13796-3 en
Safety requirements for cableway installations designed to carry persons – Carriers – Part 3: Fatigue testing

Sigurnosni zahtjevi za žičare za prijevoz osoba – Vozila – 3. dio: Ispitivanje umora materijala

HZN/TO 519, Adhezivi

prEN 13999-1 rev en
Adhesives – Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application – Part 1: General procedure
Adhezivi – Kratkotrajne metode za mjerenje svojstava emisije adheziva s niskim udjelom otapala ili adheziva bez otapala nakon primjene – 1. dio: Opći postupak

prEN 13999-2 rev en
Adhesives – Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application – Part 2: Determination of volatile organic compounds
Adhezivi – Kratkotrajne metode za mjerenje svojstava emisije adheziva s niskim udjelom otapala ili adheziva bez otapala nakon primjene – 2. dio: Određivanje hlapivih organskih spojeva

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

prEN 16424 en
Characterization of waste – Screening methods for the element composition by portable X-ray fluorescence instruments
Karakterizacija otpada – Metoda provjere elementarnoga sustava prijenosnim rendgenskim fluorescentnim spektrometrima

prEN 16457 en
Characterization of waste – Framework for the preparation and application of a testing programme – Objectives, planning and report
Karakterizacija otpada – Okvir za pripremu i primjenu programa za ispitivanje – Ciljevi, planiranje i izvješće

HZN/TO 524, Cestovni prijevoz i prometna telematika

ISO 14813-5:2010 en
Intelligent transport systems – Reference model architecture(s) for the ITS sector – Part 5: Requirements for architecture description in ITS standards
Informacije o prometu i kontrolni sustavi – Referentni model arhitekture ITS sektora – 5. dio: Zahtjevi opisa arhitekture u ITS normama

ISO 15622:2010 en
Intelligent transport systems – Adaptive Cruise Control systems – Performance requirements and test procedures
Informacije o prometu i kontrolni sustavi – Sustavi za automatsku prilagodbu brzine kretanja – Zahtijevane značajke i ispitni postupci

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

FprEN 13707 en
Flexible sheets for waterproofing – Reinforced bitumen sheets for roof waterproofing – Definitions and characteristics
Savitljive hidroizolacijske trake – Bitumenske hidroizolacijske krovne trake s uloškom – Definicije i značajke

HZN/TO 528, Oprema za željeznice

EN 13104:2009+A2:2012 en
Railway applications – Wheelsets and bogies – Powered axles – Design method
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Pogonske osovine – Metode konstruiranja

prEN 13848-6 en
Railway applications – Track – Track geometry quality – Part 6: Characterisation of track geometry quality

- prEN 14535-3 en
Railway applications – Brake discs for railway rolling stock – Part 3: Brake discs, performance of the disc and the friction couple, classification
- FprEN 15273-1 en
Railway applications – Gauges – Part 1: General – Common rules for infrastructure and rolling stock
Oprema za željeznice – Profili – 1. dio: Općenito – Zajednička pravila za infrastrukturu i željeznička vozila
- FprEN 15273-2 en
Railway applications – Gauges – Part 2: Rolling stock gauge
Oprema za željeznice – Profili – 2. dio: Profil željezničkih vozila
- FprEN 15273-3 en
Railway applications – Gauges – Part 3: Structure gauges
Oprema za željeznice – Profili – 3. dio: Slobodni profil
- FprEN 15654-1 en
Railway applications – Measurement of wheel and axle loads – Part 1: Interoperable 'in-service' rail vehicles
- prEN 16431 en
Railway applications – Track – Hollow sleepers and bearers
- prEN 16432-1 en
Railway applications – Ballastless track systems – Part 1: General requirements
- prEN 16451 en
Railway applications – Braking – Brake pad holder

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

- prEN ISO 16841 en
Steel wire ropes – Pulling eyes for rope installation – Types and minimum requirements (ISO/DIS 16841:2012)

HZN/TO 531, Plastika i guma

- FprEN ISO 294-5 en
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 5: Preparation of standard specimens for investigating anisotropy (ISO 294-5:2011)
Plastika – Injekcijsko prešanje ispitaka plastomernih materijala – 5. dio: Priprava standardnih ispitaka za proučavanje anizotropije (ISO 294-5:2011)
- EN 438-9:2010/prA1 en
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (usually called laminates) – Part 9: Classification and specifications for alternative core laminates
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajenoga naziva laminati) – 9. dio: Razredba i specifikacije za laminatne alternativnih jezgri
- FprEN ISO 11357-3 en
Plastics – Differential scanning calorimetry (DSC) – Part 3: Determination of temperature and enthalpy of melting and crystallization (ISO 11357-3:2011)
Plastika – Diferencijalna pretražna kalorimetrija – 3. dio: Određivanje tališta, kristališta i topline taljenja i kristalizacije (ISO 11357-3:2011)
- FprEN ISO 11357-4 en
Plastics – Differential scanning calorimetry (DSC) – Part 4: Determination of specific heat capacity (ISO 11357-4:2005)
Plastika – Diferencijalna pretražna kalorimetrija – 4. dio: Određivanje specifičnoga toplinskog kapaciteta (ISO 11357-4:2005)

- FprEN ISO 11357-6 en
Plastics – Differential scanning calorimetry (DSC) – Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) (ISO 11357-6:2008)
Plastika – Diferencijalna pretražna kalorimetrija – 6. dio: Određivanje indukcijskoga vremena oksidacije (izotermna OIT) i indukcijske temperature oksidacije (dinamička OIT) (ISO 11357-6:2008)
- FprEN ISO 11357-7 en
Plastics – Differential scanning calorimetry (DSC) – Part 7: Determination of crystallization kinetics (ISO 11357-7:2002)
Plastika – Diferencijalna pretražna kalorimetrija – 7. dio: Određivanje kinetika kristalizacije (ISO 11357-7:2002)
- prEN 12814-3 en
Testing of welded joints in thermoplastics semi-finished products – Part 3: Tensile creep test
Ispitivanje zavarenih spojeva plastomernih poluproizvoda – 3. dio: Ispitivanje rasteznoga puzanja
- FprEN ISO 14855-1 en
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 1: General method (ISO/FDIS 14855-1:2012)
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u kontroliranim uvjetima kompostiranja – Metoda analize nastalog ugljikova dioksida – 1. dio: Opća metoda (ISO/FDIS 14855-1:2012)
- prEN ISO 16396-1 rev en
Plastics – Polyamide (PA) moulding and extrusion materials – Part 1: Designation system, marking of products and basis for specification (ISO/DIS 16396-1:2012)
Plastika – Poliamidni (PA) materijali za injekcijsko prešanje i ekstruziju – 1. dio: Sustav oznaka, obilježavanje proizvoda i osnove specifikacija (ISO/DIS 16396-1:2012)
- prEN ISO 17855-1 rev en
Plastics – Polyethylene (PE) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO/DIS 17855-1:2012)
Plastika – Polietilenski (PE) materijali za injekcijsko prešanje i ekstruziju – 1. dio: Sustav oznaka i osnove specifikacija (ISO/DIS 17855-1:2012)
- FprEN ISO 19712-1 en
Plastics – Decorative solid surfacing materials – Part 1: Classification and specifications (ISO 19712-1:2008)
Plastika – Ukrasni materijali čvrste površine – 1. dio: Klasifikacija i specifikacije (ISO 19712-1:2008)
- FprEN ISO 19712-2 en
Plastics – Decorative solid surfacing materials – Part 2: Determination of properties – Sheet goods (ISO 19712-2:2007)
Plastika – Ukrasni materijali čvrste površine – 2. dio: Određivanje svojstava – Pločaste robe (ISO 19712-2:2007)
- FprEN ISO 19712-3 en
Plastics – Decorative solid surfacing materials – Part 3: Determination of properties – Solid surface shapes (ISO 19712-3:2007)
Plastika – Ukrasni materijali čvrste površine – 3. dio: Određivanje svojstava – Oblici čvrste površine (ISO 19712-3:2007)
- HZN/TO 532, Dimnjaci**
- DIN 18160-5:2008 de
Abgasanlagen – Teil 5: Einrichtungen für Schornsteinfegerarbeiten – Anforderungen, Planung und Ausführung

Dimnjaci – 5. dio: Naprave za pristup dimnjaku –
Zahtjevi, projektiranje i izvedba

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

- FprEN 15682-1 en
Glass in building – Heat soaked thermally toughened
alkaline earth silicate safety glass – Part 1: Definition
and description
- FprEN 15682-2 en
Glass in building – Heat soaked thermally toughened
alkaline earth silicate safety glass – Part 2: Evaluation
of conformity/Product standard
- FprEN 15683-1 en
Glass in building – Thermally toughened soda lime
silicate channel shaped safety glass – Part 1: Definition
and description
- FprEN 15683-2 en
Glass in building – Thermally toughened soda
lime silicate channel shaped safety glass – Part 2:
Evaluation of conformity/Product standard
- EN 16005:2012 en
Power operated pedestrian doorsets – Safety in use
– Requirements and test methods
Strojno pogonjena vrata za pješake – Sigurnost
upotrebe – Zahtjevi i metode ispitivanja

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

- EN ISO 5436-2:2012 en
Geometrical product specifications (GPS) – Surface
texture: Profile method – Measurement standards –
Part 2: Software measurement standards
(ISO 5436-2:2012)
Geometrijske specifikacije proizvoda (GSP) – Tekstura
površine: Metoda snimanja profila – Mjerni etaloni –
2. dio: Softverski mjerni etaloni (ISO 5436-2:2012)
- prEN ISO 16610-1 en
Geometrical product specifications (GPS) – Filtration
– Part 1: Overview and basic concepts
(ISO/DIS 16610-1:2012)
- prEN ISO 16610-20 en
Geometrical product specifications (GPS) – Filtration
– Part 20: Linear profile filters: Basic concepts
(ISO/DIS 16610-20:2012)
- prEN ISO 16610-22 en
Geometrical product specifications (GPS) – Filtration
– Part 22: Linear profile filters: Spline filters
(ISO/DIS 16610-22:2012)
- prEN ISO 16610-29 en
Geometrical product specifications (GPS) – Filtration
– Part 29: Linear profile filters: Spline wavelets
(ISO/DIS 16610-29:2012)
- prEN ISO 16610-40 en
Geometrical product specifications (GPS) – Filtration
– Part 40: Morphological profile filters: Basic concepts
(ISO/DIS 16610-40:2012)
- prEN ISO 16610-41 en
Geometrical product specifications (GPS) – Filtration
– Part 41: Morphological profile filters: Disk and
horizontal line-segment filters
(ISO/DIS 16610-41:2012)
- prEN ISO 16610-49 en
Geometrical product specifications (GPS) – Filtration
– Part 49: Morphological profile filters: Scale space
techniques (ISO/DIS 16610-49:2012)

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

- prEN 13697 rev en
Chemical disinfectants and antiseptics – Quantitative
non-porous surface test for the evaluation of bactericidal
and/or fungicidal activity of chemical disinfectants used
in food, industrial, domestic and institutional areas –
Test method and requirements without mechanical
action (phase 2, step 2)
Kemijski dezinficijensi i antiseptici – Kvantitativni test
na neporoznoj površini za vrednovanje baktericidne
i/ili fungicidne djelotvornosti kemijskih dezinficijensa
i antiseptika koji se upotrebljavaju u područjima
prehrane, industrije, domaćinstava i ustanova –
Metoda testiranja i zahtjevi bez mehaničkog djelovanja
(faza 2, korak 2)

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

- EN ISO 9906:2012 en
Rotodynamic pumps – Hydraulic performance
acceptance tests – Grades 1, 2 and 3 (ISO 9906:2012)
Rotacijske pumpe – Ispitivanja prihvatljivosti hidrauličkih
značajka – 1., 2. i 3. razred (ISO 9906:2012)
- prEN ISO 10121-1 en
Test method for assessing the performance of gas-
phase air cleaning media and devices for general
ventilation – Part 1: Gas-phase air cleaning media
(ISO/DIS 10121-1:2012)
- FprEN 13142 en
Ventilation for buildings – Components/products
for residential ventilation – Required and optional
performance characteristics
Ventilacija u zgradama – Dijelovi/proizvodi za
stambenu ventilaciju – Zahtjevi i dodatne značajke
- FprEN 16445 en
Ventilation for buildings – Air diffusion - Aerodynamic
testing and rating for mixed flow application: non-
isothermal procedure for cold jet

HZN/TO 544, *Strojni elementi*

- EN ISO 16047:2005/A1:2012 en
Fasteners – Torque/clamp force testing
(ISO 16047:2005/Amd 1:2012)
Spojni elementi – Ispitivanje momenta uvijanja i
prednaponske sile (ISO 16047:2005/Amd 1:2012)

HZN/TO 546, *Očuvanje kulturne baštine*

- prEN 15999-1 en
Conservation of cultural heritage – Guidelines
for management of environmental conditions –
Recommendations for showcases used for exhibition
and preservation of cultural property – Part 1: General
requirements
- prEN 16455 en
Conservation of cultural heritage – Determination of
soluble salts in natural stone and related materials
used in cultural heritage

HZN/TO 550, *Opskrba vodom*

- prEN 12873-1 en
Influence of materials on water intended for human
consumption – Influence due to migration – Part 1:
Test method for factory-made products made from
or incorporating organic or glassy (porcelain/vitreous
enamel) materials
- prEN 15768 en
GC-MS identification of water leachable organic
substances from materials in contact with water
intended for human consumption

HZN/TO 555, Medicinski proizvodi

- EN ISO 11137-1:2006/prA1 en
Sterilization of health care products – Radiation – Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices (ISO 11137-1:2006/Amd.1:2012)
Sterilizacija proizvoda za zdravstvenu skrb – Zračenje – 1. dio: Zahtjevi za razvoj, vrednovanje i kontrolu provedbe sterilizacijskog postupka za medicinske proizvode (ISO 11137-1:2006/Amd.1:2012)
- prEN 13060 rev en
Small steam sterilizers
Mali sterilizatori parom
- prEN 14180 rev en
Sterilizers for medical purposes – Low temperature steam and formaldehyde sterilizers – Requirements and testing
Sterilizatori za medicinske namjene – Sterilizacija niskotemperaturnom parom i formaldehidom – Zahtjevi i ispitivanje
- EN ISO 15883-1:2009/prA1 en
Washer-disinfectors – Part 1: General requirements, terms and definitions and tests (ISO 15883-1:2006/DAM 1: 2012)
Uređaji za pranje i dezinfekciju – 1. dio: Opći zahtjevi, nazivi, definicije i ispitivanja (ISO 15883-1:2006/DAM 1: 2012)

HZN/TO 556, Osobna zaštitna oprema

- EN 397:2012+A1:2012 en
Industrial safety helmets
Industrijske zaštitne kacige
- EN 966:2012+A1:2012 en
Helmets for airborne sports
Kacige za sportove u zraku
- EN 1078:2012+A1:2012 en
Helmets for pedal cyclists and for users of skateboards and roller skates
Kacige za bicikliste i korisnike koturaljki i daski na koturaljkama
- EN 14052:2012+A1:2012 en
High performance industrial helmets
Visokozahvatne industrijske kacige

HZN/TO 558, Zaštita dišnih putova

- prEN 250 en
Respiratory equipment – Open-circuit self-contained compressed air diving apparatus – Requirements, testing, marking
Oprema za disanje – Samostalni ronilački uređaji za disanje s otvorenim krugom sa stlačenim zrakom – Zahtjevi, ispitivanje, označavanje
- prEN 12021 en
Respiratory protective devices – Compressed gases for breathing apparatus
Zaštitne naprave za disanje – Stlačeni plinovi za uređaje za disanje

HZN/TO 560, Tekstilni proizvodi

- EN ISO 105-A11:2012 en
Textiles – Tests for colour fastness – Part A11: Determination of colour fastness grades by digital imaging techniques (ISO 105-A11:2012)
Tekstil – Određivanje postojanosti obojenja – Određivanje stupnjeva postojanosti obojenja slikovnim digitalnim tehnikama (ISO 105-A11:2012)
- FprEN ISO 105-E02 rev en
Textiles – Tests for colour fastness – Part E02: Colour fastness to sea water (ISO/FDIS 105-E02:2012)
Tekstil – Ispitivanje postojanosti obojenja – Dio E02: Postojanost obojenja na morsku vodu (ISO/FDIS 105-E02:2012)

HZN/TO 562, Alatni strojevi i alati

- FprEN 12750 en
Safety of woodworking machines – Four sided moulding machines

HZN/TO 563, Sigurnost strojeva

- prEN 1674 rev en
Food processing machinery – Dough sheeters – Safety and hygiene requirements
- prEN 12043 en
Food processing machinery – Intermediate provers – Safety and hygiene requirements
Strojevi za preradu hrane – Ispitivači sredine – Sigurnosni i higijenski zahtjevi
- prEN 13871 en
Food processing machinery – Cubes cutting machinery – Safety and hygiene requirements
Strojevi za preradu hrane – Strojevi za rezanje na kocke – Sigurnosni i higijenski zahtjevi

HZN/TO 568, Analize hrane – Horizontalne metode

- EN ISO 21570:2005/FprA1 en
Foodstuffs – Methods of analysis for the detection of genetically modified organisms and derived products – General requirements and definitions (ISO 21570:2005/FDAM 1:2013)

HZN/TO E23, Električni instalacijski pribor

- EN 50250:2002+AC:2002+AC:2007 en
Conversion adaptors for industrial use
Pretvarački adapteri za primjenu u industriji
- EN 50550:2011+AC:2012 en
Power frequency overvoltage protective device for household and similar applications (POP)
Energetski frekvencijski uređaj za zaštitu od prenapona za kućanstvo i slične primjene (POP)

HZN/TO E31, Eksplozivne atmosfere

- EN 1839:2012 en
Determination of explosion limits of gases and vapours
Određivanje granica eksplozivnosti za plinove i pare
- prEN ISO/IEC 80079-36 en
Explosive atmospheres – Part 36: Non-electrical equipment for use in explosive atmospheres – Basic methods and requirements (ISO/IEC/DIS 80079-36:2012)
- prEN ISO/IEC 80079-37 en
Explosive atmospheres – Part 37: Non-electrical equipment for use in explosive atmospheres – Non-electrical type of protection constructional safety 'c', control of ignition sources 'b', liquid immersion 'k' (ISO/IEC/DIS 80079-37:2012)

HZN/TO T4, Normizacija u telekomunikacijama

- ETS 300 735 ed.1:1997 en
Satellite Personal Communications Networks (S-PCN) – Network Control Facilities (NCF) for Mobile Earth Stations (MES), including handheld earth stations, for S-PCN in the 1,6/2,4 GHz and the 2,0 GHz bands, providing voice and/or data communications under the Mobile Satellite Service (MSS)
- ETS 300 737 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels (GSM 08.60)
- ETS 300 737 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels (GSM 08.60 version 5.1.1)

- ETS 300 738 ed.1:1997 en
Human Factors (HF) – Minimum Man-Machine Interface (MMI) to public network based supplementary services
- ETS 300 739 ed.1:1996 en
Private Integrated Services Network (PISN) – Profile Standard for the connection of Radio Paging Equipment (RPE) to a PISN
- ETS 300 740 ed.1:1997 en
Satellite Earth Stations and Systems (SES) – Maritime Mobile Earth Stations (MMES) operating in the 1,5/1,6 GHz bands providing Low Bit Rate Data Communications (LBRDC) in the Maritime Mobile Satellite Service (MMSS), not intended for distress and safety communications
- ETS 300 742 ed.1:1997 en
Transmission and Multiplexing (TM) – Physical layer User Network Interface (UNI) for 2048 kbit/s Asynchronous Transfer Mode (ATM) signals
- ETS 300 743 ed.1:1997 en
Digital Video Broadcasting (DVB) – Subtitling systems
- ETS 300 744 ed.1:1997 en
Digital Video Broadcasting (DVB) – Framing structure, channel coding and modulation for digital terrestrial television
- ETS 300 746 ed.1:1997 en
Transmission and Multiplexing (TM) – Synchronous Digital Hierarchy (SDH) – Network protection schemes – Automatic Protection Switch (APS) protocols and operation
- ETS 300 747 ed.1:1997 en
Telecommunications security – Service access control and synchronization for audiovisual services
- ETS 300 748 ed.1:1996 en
Digital Video Broadcasting (DVB) – Framing structure, channel coding and modulation for MVDS at 10 GHz and above
- ETS 300 749 ed.1:1997 en
Digital Video Broadcasting (DVB) – Framing structure, channel coding and modulation for MMDS systems below 10 GHz
- ETS 300 750 ed.1:1997 en
Radio broadcasting systems – Very High Frequency (VHF), frequency modulated, sound broadcasting transmitters in the 66 to 73 MHz band
- ETS 300 751 ed.1:1997 en
Radio broadcasting systems – System for Wireless Infotainment Forwarding and Teledistribution (SWIFT)
- ETS 300 752 ed.1:1997 en
Radio Equipment and Systems (RES) – Terrestrial Flight Telecommunications System (TFTS) – Packet mode data
- ETS 300 753 ed.1:1997 en
Equipment Engineering (EE) – Acoustic noise emitted by telecommunications equipment
- ETS 300 755 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Data Services Profile (DSP) – Multimedia Messaging Service (MMS) with specific provision for facsimile services (service type F, class 2)
- ETS 300 756 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – DECT/GSM Interworking Profile (IWP) – Implementation of bearer services
- ETS 300 757 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Data Services Profile (DSP) – Low rate messaging service (service type E, class 2)
- ETS 300 759 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – DECT Authentication Module (DAM) – Test specification for DAM
- ETS 300 760 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – DECT Authentication Module (DAM) – Implementation Conformance Statement (ICS) proforma specification
- ETS 300 764 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – DECT/GSM Interworking Profile (IWP) – Implementation of short message service, point-to-point and cell broadcast
- ETS 300 766 ed.1:1998 en
Business Telecommunications (BTC) – Multiple 64 kbit/s digital unrestricted leased lines with octet integrity presented at a structured 2 048 kbit/s interface at either or both ends (D64M) – Connection characteristics and network interface presentation
- ETS 300 767 ed.1:1997 en
Human Factors (HF) – Telephone Prepayment Cards – Tactile Identifier
- ETS 300 779 ed.1:1997 en
Network Aspects (NA) – Universal Personal Telecommunication (UPT) – Phase 1 – Service description
- ETS 300 780 ed.1:1997 en
Broadband Integrated Services Digital Network (B-ISDN) – Broadband Connection-Oriented Bearer Service (BCOBCS) [ITU-T Recommendation F.811 (1996)]
- ETS 300 784 ed.1:1997 en
Satellite Earth Stations and Systems (SES) – Television Receive-Only (TVRO) satellite earth stations operating in the 11/12 GHz frequency bands
- ETS 300 785 ed.1:1998 en
Transmission and Multiplexing (TM) – Synchronous Digital Hierarchy (SDH) – Radio specific functional blocks for transmission of M x sub-STM-1
- ETS 300 787 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – Integrated Services Digital Network (ISDN); DECT access to GSM via ISDN – General description of service requirements
- ETS 300 788 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – Integrated Services Digital Network (ISDN) – DECT access to GSM via ISDN – Functional capabilities and information flows
- ETS 300 790 ed.1:1997 en
Universal Personal Telecommunication (UPT) – Security architecture for UPT phase 2 – Specification
- ETS 300 791 ed.1:1997 en
Universal Personal Telecommunication (UPT) – Security architecture for UPT phase 2 – Conformance Test Specification (CTS)
- ETS 300 792 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Global System for Mobile communications (GSM) – DECT/GSM Interworking Profile (IWP) – Implementation of facsimile group 3
- ETS 300 795 ed.1:1998 en
V interfaces at the digital Local Exchange (LE) – Access Network (AN) supporting V5 – Transmission characteristics and performance design objectives for call handling and bearer channel connection management

- ETS 300 799 ed.1:1997 en
Digital Audio Broadcasting (DAB) – Distribution interfaces – Ensemble Transport Interface (ETI)
- ETS 300 800 ed.1:1998 en
Digital Video Broadcasting (DVB) – Interaction channel for Cable TV distribution systems (CATV)
- ETS 300 801 ed.1:1997 en
Digital Video Broadcasting (DVB) – Interaction channel through Public Switched Telecommunications Network (PSTN)/ Integrated Services Digital Networks (ISDN)
- ETS 300 802 ed.1:1997 en
Digital Video Broadcasting (DVB) – Network-independent protocols for DVB interactive services
- ETS 300 807 ed.1:1997 en
Integrated Services Digital Network (ISDN) – Audio characteristics of terminals designed to support conference services in the ISDN
- ETS 300 813 ed.1:1997 en
Digital Video Broadcasting (DVB) – DVB interfaces to Plesiochronous Digital Hierarchy (PDH) networks
- ETS 300 814 ed.1:1998 en
Digital Video Broadcasting (DVB) – DVB interfaces to Synchronous Digital Hierarchy (SDH) networks
- ETS 300 818 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – Asynchronous Transfer Mode (ATM) – Retainability performance for B-ISDN switched connections
- ETS 300 821 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – ATM Adaptation Layer (AAL) – Support of the High Level Data Link Control (HDLC) core service by AAL type 5 [ITU-T Recommendation I.365.4 (1996)]
- ETS 300 822 ed.1:1998 en
Digital Enhanced Cordless Telecommunications (DECT) – Integrated Services Digital Network (ISDN) – DECT/ISDN interworking for intermediate system configuration – Interworking and profile specification
- ETS 300 823 ed.1:1997 en
Universal Personal Telecommunication (UPT) – UPT phase 2 – Functional specification of the interface of a UPT Integrated Circuit Card (ICC) and Public Switched Telephone Network (PSTN), Integrated Services Digital Network (ISDN) and Global System for Mobile communications (GSM) terminals (one pass and multiple pass authentication)
- ETS 300 824 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Cordless Terminal Mobility (CTM) – CTM Access Profile (CAP)
- ETS 300 825 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – 3 Volt DECT Authentication Module (DAM)
- ETS 300 834 ed.1:1998 en
Terminal Equipment (TE) – Narrowband networks (PSTN or ISDN) – Access to interactive audio-visual retrieval services without datafacility – Access for ISDN or PSTN videophony terminals to audio-visual databases
- ETS 300 835 ed.1:1998 en
Multimedia Terminals and Applications (MTA) – Programmable Communication Interface (PCI) for file transfer over Integrated Services Digital Network (ISDN)
- ETS 300 838 ed.1:1998 en
Integrated Services Digital Network (ISDN) – Harmonized Programmable Communication Interface (HPCI) for ISDN
- ETS 300 840 ed.1:1998 en
Telecommunications security – Integrated Services Digital Network (ISDN) – Confidentiality system for audiovisual services
- ETS 300 841 ed.1:1998 en
Telecommunications security – Integrated Services Digital Network (ISDN) – Encryption key management and authentication system for audiovisual services
- ETS 300 842 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – ATM Adaptation Layer (AAL) – Sublayers: Service Specific Co-ordination Function (SSCF) to provide the Connection-Oriented Network Service (CONS) [ITU-T Recommendation I.365.2 (1995)]
- ETS 300 900 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Alphabets and language-specific information (GSM 03.38 version 5.4.1)
- ETS 300 900 ed.2:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Alphabets and language-specific information (GSM 03.38 version 5.5.1)
- ETS 300 900 ed.3:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Alphabets and language-specific information (GSM 03.38 version 5.6.1)
- ETS 300 901 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.4.1)
- ETS 300 901 ed.2:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.5.1)
- ETS 300 901 ed.3:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.6.1)
- ETS 300 901 ed.4:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.7.1)
- ETS 300 901 ed.5:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service (SMS) Point-to-Point (PP) (GSM 03.40 version 5.8.1 Release 1996)
- ETS 300 902 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service Cell Broadcast (SMSCB) (GSM 03.41 version 5.4.1)
- ETS 300 902 ed.2:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service Cell Broadcast (SMSCB) (GSM 03.41 version 5.5.1)
- ETS 300 902 ed.3:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of Short Message Service Cell Broadcast (SMSCB) (GSM 03.41 version 5.6.1)
- ETS 300 902 ed.4:1998 en
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- ETS 300 902 ed.5:1999 en
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Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio Link Protocol (RLP) for data and
telematic services on the Mobile Station – Base Station
System (MS - BSS) interface and the Base Station
System – Mobile-services Switching Centre (BSS - MSC)
interface (GSM 04.22 version 5.0.2)
- ETS 300 946 ed.2:1997 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio Link Protocol (RLP) for data and
telematic services on the Mobile Station – Base Station
System (MS - BSS) interface and the Base Station
System – Mobile-services Switching Centre (BSS - MSC)
interface (GSM 04.22 version 5.1.1)
- ETS 300 946 ed.3:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio Link Protocol (RLP) for data and
telematic services on the Mobile Station – Base Station
System (MS - BSS) interface and the Base Station
System – Mobile-services Switching Centre (BSS - MSC)
interface (GSM 04.22 version 5.2.1)
- ETS 300 946 ed.4:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio Link Protocol (RLP) for data and
telematic services on the Mobile Station – Base Station
System (MS - BSS) interface and the Base Station
System – Mobile-services Switching Centre (BSS - MSC)
interface (GSM 04.22 version 5.3.1)
- ETS 300 946 ed.5:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio Link Protocol (RLP) for data and
telematic services on the Mobile Station – Base Station
System (MS - BSS) interface and the Base Station
System – Mobile-services Switching Centre (BSS - MSC)
interface (GSM 04.22 version 5.4.1)
- ETS 300 946 ed.6:1999 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio Link Protocol (RLP) for data and
telematic services on the Mobile Station – Base
Station System (MS - BSS) interface and the Base
Station System – Mobile-services Switching Centre
(BSS - MSC) interface (GSM 04.22 version 5.5.1
Release 1996)
- ETS 300 946 ed.7:2000 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Radio Link Protocol (RLP) for data and
telematic services on the Mobile Station – Base
Station System (MS - BSS) interface and the Base
Station System – Mobile-services Switching Centre
(BSS - MSC) interface (GSM 04.22 version 5.6.1
Release 1996)
- ETS 300 947 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Enhanced Multi-Level Precedence and Pre-
emption service (eMLPP) – Stage 3
(GSM 04.67 version 5.0.1)
- ETS 300 948 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Group Call Control (GCC) protocol
(GSM 04.68 version 5.0.2)
- ETS 300 948 ed.2:1999 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Group Call Control (GCC) protocol
(GSM 04.68 version 5.1.1 Release 1996)
- ETS 300 948 ed.3:1999 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Group Call Control (GCC) protocol
(GSM 04.68 version 5.2.1 Release 1996)
- ETS 300 948 ed.4:1999 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Group Call Control (GCC) protocol
(GSM 04.68 version 5.3.1 Release 1996)

- ETS 300 948 ed.5:2000 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Group Call Control (GCC) protocol
(GSM 04.68 version 5.4.1 Release 1996)
- ETS 300 949 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Broadcast Call Control (BCC) protocol
(GSM 04.69 version 5.0.1)
- ETS 300 949 ed.2:1999 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Broadcast Call Control (BCC) protocol
(GSM 04.69 version 5.1.1 Release 1996)
- ETS 300 949 ed.3:1999 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Broadcast Call Control (BCC) protocol
(GSM 04.69 version 5.2.1 Release 1996)
- ETS 300 949 ed.4:1999 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Broadcast Call Control (BCC) protocol
(GSM 04.69 version 5.3.1 Release 1996)
- ETS 300 949 ed.5:2000 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Broadcast Call Control (BCC) protocol
(GSM 04.69 version 5.4.1 Release 1996)
- ETS 300 950 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Mobile radio interface layer 3 supplementary
services specification – Formats and coding
(GSM 04.80 version 5.0.2)
- ETS 300 950 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Mobile radio interface layer 3 supplementary
services specification – Formats and coding
(GSM 04.80 version 5.1.1)
- ETS 300 950 ed.3:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Mobile radio interface layer 3 supplementary
services specification – Formats and coding
(GSM 04.80 version 5.2.1)
- ETS 300 950 ed.4:1999 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Mobile radio interface layer 3 supplementary
services specification – Formats and coding
(GSM 04.80 version 5.3.1 Release 1996)
- ETS 300 951 ed.1:1997 en
Digital cellular telecommunications system – Line
identification supplementary services – Stage 3
(GSM 04.81 version 5.0.1)
- ETS 300 952 ed.1:1997 en
Digital cellular telecommunications system – Call
Forwarding (CF) supplementary services – Stage 3
(GSM 04.82 version 5.0.1)
- ETS 300 953 ed.1:1997 en
Digital cellular telecommunications system – Call
Waiting (CW) and Call Hold (HOLD) supplementary
services – Stage 3 (GSM 04.83 version 5.0.1)
- ETS 300 954 ed.1:1997 en
Digital cellular telecommunications system – Multi
Party (MPTY) supplementary services – Stage 3
(GSM 04.84 version 5.0.1)
- ETS 300 955 ed.1:1997 en
Digital cellular telecommunications system – Advice
of Charge (AoC) supplementary services – Stage 3
(GSM 04.86 version 5.0.1)
- ETS 300 956 ed.1:1997 en
Digital cellular telecommunications system – Call
Barring (CB) supplementary services – Stage 3
(GSM 04.88 version 5.0.1)
- ETS 300 956 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Call Barring (CB) supplementary services –
Stage 3 (GSM 04.88 version 5.1.0)
- ETS 300 957 ed.1:1997 en
Digital cellular telecommunications system – Unstructured
Supplementary Service Data (USSD) – Stage 3
(GSM 04.90 version 5.0.1)
- ETS 300 958 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Explicit Call Transfer (ECT) supplementary
service – Stage 3 (GSM 04.91 version 5.1.2)
- ETS 300 959 ed.1:1997 en
Digital cellular telecommunications system – Modulation
(GSM 05.04 version 5.0.1)
- ETS 300 959 ed.2:2000 en
Digital cellular telecommunications system – Modulation
(GSM 05.04 version 5.1.1 Release 1996)
- ETS 300 960 ed.1:1997 en
Digital cellular telecommunications system – Full rate
speech – Processing functions (GSM 06.01 version
5.0.1)
- ETS 300 960 ed.2:1998 en
Digital cellular telecommunications system – Full rate
speech – Processing functions (GSM 06.01 version
5.1.1)
- ETS 300 961 ed.1:1997 en
Digital cellular telecommunications system – Full rate
speech – Transcoding (GSM 06.10 version 5.0.1)
- ETS 300 961 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Full rate speech – Transcoding
(GSM 06.10 version 5.1.1)
- ETS 300 961 ed.3:2000 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Full rate speech – Transcoding
(GSM 06.10 version 5.2.1 Release 1996)
- ETS 300 962 ed.1:1997 en
Digital cellular telecommunications system – Full rate
speech – Substitution and muting of lost frames for
full rate speech channels (GSM 06.11 version 5.0.1)
- ETS 300 963 ed.1:1997 en
Digital cellular telecommunications system – Full rate
speech – Comfort noise aspect for full rate speech
traffic channels (GSM 06.12 version 5.0.1)
- ETS 300 964 ed.1:1997 en
Digital cellular telecommunications system – Full rate
speech – Discontinuous Transmission (DTX) for full
rate speech traffic channels (GSM 06.31 version 5.0.1)
- ETS 300 965 ed.1:1997 en
Digital cellular telecommunications system – Voice
Activity Detector (VAD) (GSM 06.32 version 5.0.1)
- ETS 300 965 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Full rate speech – Voice Activity Detector
(VAD) for full rate speech traffic channels
(GSM 06.32 version 5.0.35)
- ETS 300 966 ed.1:1997 en
Digital cellular telecommunications system – Half rate
speech – Half rate speech processing functions
(GSM 06.02 version 5.0.1)
- ETS 300 967 ed.1:1997 en
Digital cellular telecommunications system – Half rate
speech – ANSI-C code for the GSM half rate speech
codec ANSI-C code for the GSM half rate speech
codec (GSM 06.06 version 5.0.1)
- ETS 300 967 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+)
(GSM) – Half rate speech – ANSI-C code for the GSM
half rate speech codec ANSI-C code for the GSM half
rate speech codec (GSM 06.06 version 5.1.1)
- ETS 300 968 ed.1:1997 en
Digital cellular telecommunications system – Half rate
speech – Test sequences for the GSM half rate speech
codec (GSM 06.07 version 5.0.1)

- ETS 300 968 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Test sequences for the GSM half rate speech codec (GSM 06.07 version 5.2.1)
- ETS 300 969 ed.1:1997 en
Digital cellular telecommunications system – Half rate speech – Half rate speech transcoding (GSM 06.20 version 5.0.1)
- ETS 300 969 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Half rate speech transcoding (GSM 06.20 version 5.1.1)
- ETS 300 970 ed.1:1997 en
Digital cellular telecommunications system – Half rate speech – Substitution and muting of lost frames for half rate speech traffic channels (GSM 06.21 version 5.0.1)
- ETS 300 971 ed.1:1997 en
Digital cellular telecommunications system – Half rate speech – Comfort noise aspects for the half rate speech traffic channels (GSM 06.22 version 5.0.1)
- ETS 300 972 ed.1:1997 en
Digital cellular telecommunications system – Half rate speech – Discontinuous transmission (DTX) for half rate speech traffic channels (GSM 06.41 version 5.0.1)
- ETS 300 972 ed.2:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Discontinuous Transmission (DTX) for half rate speech traffic channels (GSM 06.41 version 5.1.1)
- ETS 300 973 ed.1:1997 en
Digital cellular telecommunications system – Half rate speech – Voice Activity Detector (VAD) for half rate speech traffic channels (GSM 06.42 version 5.0.1)
- ETS 300 974 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02)
- ETS 300 974 ed.10:2000 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.14.1 Release 1996)
- ETS 300 974 ed.11:2000 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.15.1 Release 1996)
- ETS 300 974 ed.2:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.5.2)
- ETS 300 974 ed.3:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.6.1)
- ETS 300 974 ed.4:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.8.1)
- ETS 300 974 ed.5:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.9.1)
- ETS 300 974 ed.6:1999 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.10.1 release 1996)
- ETS 300 974 ed.7:1999 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.11.1 Release 1996)
- ETS 300 974 ed.8:1999 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.12.1 Release 1996)
- ETS 300 974 ed.9:1999 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Application Part (MAP) specification (GSM 09.02 version 5.13.1 Release 1996)
- ETS 300 975 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services Digital Network (PSPDN/ISDN) for the support of packet switched data transmission services (GSM 09.06 version 5.0.2)
- ETS 300 976 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.2.2)
- ETS 300 976 ed.2:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.3.1)
- ETS 300 976 ed.3:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.4.1)
- ETS 300 976 ed.4:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.5.1)
- ETS 300 976 ed.5:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.6.1)
- ETS 300 976 ed.6:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.7.1)
- ETS 300 976 ed.7:1999 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.8.1 Release 1996)
- ETS 300 976 ed.8:1999 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.9.1 Release 1996)

- ETS 300 976 ed.9:2000 en
Digital cellular telecommunications system (Phase 2+) (GSM) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 5.10.1 Release 1996)
- ETS 300 977 ed.1:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.4.1)
- ETS 300 977 ed.2:1997 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.5.1)
- ETS 300 977 ed.3:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.6.1)
- ETS 300 977 ed.4:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.9.1)
- ETS 300 977 ed.5:1998 en
Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the Subscriber Identity Module – Mobile Equipment (SIM - ME) interface (GSM 11.11 version 5.10.1 Release 1996)
- ETS 300 979 ed.1:1997 en
Digital cellular telecommunications system – In-band control of remote transcoders and rate adaptors for half rate traffic channels (GSM 08.61 version 5.0.1)
- ETS 300 745-1 ed.1:1997 en
Integrated Services Digital Network (ISDN) – Message Waiting Indication (MWI) supplementary service – Digital Subscriber Signalling System No. one (DSS1) protocol – Part 1: Protocol specification
- ETS 300 745-2 ed.1:1997 en
Integrated Services Digital Network (ISDN) – Message Waiting Indication (MWI) supplementary service – Digital Subscriber Signalling System No. one (DSS1) protocol – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
- ETS 300 754-1 ed.1:1997 en
Integrated Services Digital Network (ISDN) – Signalling System No.7 – Transaction Capabilities (TC) – Application Service Element (ASE) for Message Waiting Indication (MWI) supplementary service – Part 1: Protocol specification
- ETS 300 758-1 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Integrated Services Digital Network (ISDN) – DECT/ISDN interworking for end system configuration – Profile Test Specification (PTS) – Part 1: Summary
- ETS 300 758-2 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Integrated Services Digital Network (ISDN) – DECT/ISDN interworking for end system configuration – Profile Test Specification (PTS) – Part 2: Profile Specific Test Specification (PSTS) for Portable radio Termination (PT)
- ETS 300 758-3 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Integrated Services Digital Network (ISDN) – DECT/ISDN interworking for end system configuration – Profile Test Specification (PTS) – Part 3: Profile Specific Test Specification (PSTS) for Fixed radio Termination (FT)
- ETS 300 765-1 ed.1:1997 en
Digital Enhanced Cordless Telecommunications (DECT) – Radio in the Local Loop (RLL) Access Profile (RAP) – Part 1: Basic telephony services
- ETS 300 765-2 ed.1:1998 en
Digital Enhanced Cordless Telecommunications (DECT) – Radio in the Local Loop (RLL) Access Profile (RAP) – Part 2: Advanced telephony services
- ETS 300 770-1 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – Closed User Group (CUG) supplementary service – Part 1: Protocol specification [ITU-T Recommendation Q.2955.1 (1996), modified]
- ETS 300 770-2 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – Closed User Group (CUG) supplementary service – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
- ETS 300 771-1 ed.1:1997 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 1: Protocol specification [ITU-T Recommendation Q.2971 (1995), modified]
- ETS 300 771-3 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user
- ETS 300 771-4 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user
- ETS 300 771-5 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network
- ETS 300 771-6 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control – Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network
- ETS 300 777-1 ed.1:1997 en
Terminal Equipment (TE) – End-to-end protocols for multimedia information retrieval services – Part 1: Coding of multimedia and hypermedia information for basic multimedia applications (MHEG-5)
- ETS 300 777-2 ed.1:1998 en
Terminal Equipment (TE) – End-to-end protocols for multimedia information retrieval services – Part 2: Use of Digital Storage Media Command and Control (DSM-CC) for basic multimedia applications
- ETS 300 777-3 ed.1:1997 en
Terminal Equipment (TE) – End-to-end protocols for multimedia information retrieval services – Part 3: Application Programmable Interface (API) for MHEG-5

ETS 300 777-4 ed.1:1997 en
Terminal Equipment (TE) – End-to-end protocols for multimedia information retrieval services – Part 4: Videotex Enhanced Man Machine Interface (VEMMI) enhancements to support broadband multimedia information retrieval services

ETS 300 796-1 ed.1:1997 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – Generic functional protocol – Core aspects – Part 1: Protocol specification [ITU-T Recommendation Q.2932.1 (1996), modified]

ETS 300 796-2 ed.1:1998 en
Broadband Integrated Services Digital Network (B-ISDN) – Digital Subscriber Signalling System No. two (DSS2) protocol – Generic functional protocol – Core aspects – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

ETS 300 804-1 ed.1:1998 en
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Circuit mode basic services – Data Link Layer (DLL) – Part 1: Test Suite Structure and Test Purposes (TSS&TP) specification

ETS 300 804-2 ed.1:1998 en
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Circuit mode basic services – Data Link Layer (DLL) – Part 2: Abstract Test Suite (ATS) specification

ETS 300 805-1 ed.1:1998 en
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Circuit mode basic services – Network Layer (NL) – Part 1: Test Suite Structure and Test Purposes (TSS&TP) specification

ETS 300 805-2 ed.1:1998 en
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Circuit mode basic services – Network Layer (NL) – Part 2: Abstract Test Suite (ATS) specification

ETS 300 806-1 ed.1:1998 en
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Generic functional protocol for the support of supplementary services – Part 1: Test Suite Structure and Test Purposes (TSS&TP) specification

ETS 300 806-2 ed.1:1998 en
Private Integrated Services Network (PISN) – Inter-exchange signalling protocol – Generic functional protocol for the support of supplementary services – Part 2: Abstract Test Suite (ATS) specification

ETS 300 836-1 ed.1:1998 en
Broadband Radio Access Networks (BRAN) – High Performance Radio Local Area Network (HIPERLAN) Type 1 – Conformance testing specification – Part 1: Radio type approval and Radio Frequency (RF) conformance test specification

ETS 300 836-2 ed.1:1998 en
Broadband Radio Access Networks (BRAN) – High Performance Radio Local Area Network (HIPERLAN) Type 1 – Conformance testing specification – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

ETS 300 836-3 ed.1:1998 en
Broadband Radio Access Networks (BRAN) – High Performance Radio Local Area Network (HIPERLAN) Type 1 – Conformance testing specification – Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification

ETS 300 836-4 ed.1:1998 en
Broadband Radio Access Networks (BRAN) – High Performance Radio Local Area Network (HIPERLAN) Type 1 – Conformance testing specification – Part 4: Abstract Test Suite (ATS) specification

HZN/TU F1, *Osnovne norme 1*

EN 15981:2011 en
European Learner Mobility – Achievement information (EuroLMAI)

EN ISO/IEC 19788-1:2012 en
Information technology – Learning, education and training – Metadata for learning resources – Part 1: Framework (ISO/IEC 19788-1:2011)

EN ISO/IEC 19788-2:2012 en
Information technology – Learning, education and training – Metadata for learning resources – Part 2: Dublin Core elements (ISO/IEC 19788-2:2011)

HZN/TU I2, *Strojarstvo 2*

EN ISO 1120:2012 en
Conveyor belts – Determination of strength of mechanical fastenings – Static test method (ISO 1120:2012)

EN 1554:2012 en
Conveyor belts – Drum friction testing

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

prEN ISO 4074 en
Natural latex rubber condoms – Requirements and test methods (ISO/DIS 4074:2012)

prEN 14683 en
Medical face masks – Requirements and test methods

prEN ISO 17304 en
Dentistry – Polymerisation shrinkage: Method for determination of polymerisation shrinkage of polymer-based restorative materials (ISO/DIS 17304:2012)

prEN ISO 28888 en
Dentistry – Screening method for erosion potential of oral rinses on dental hard tissues (ISO/DIS 28888:2012)

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

FprEN 16307-1 en
Industrial trucks – Safety requirements and verification – Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks

HZN/TU U1, *Opća elektrotehnika 1*

EN 60269-6:2011 en
Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems (IEC 60269-6:2010+Corr.1:2010)

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 ISO 5270:2001 en
Pulpe – Laboratorijski listovi – Određivanje fizikalnih svojstava (ISO 5270:1998; EN ISO 5270:1999)
Pulps – Laboratory sheets – Determination of physical properties (ISO 5270:1998; EN ISO 5270:1999)
- zamijenjena s: HRN EN ISO 5270:2012

HZN/TO 22, *Cestovna vozila*

- HRN ISO 303:2003 en
Cestovna vozila – Ugradba uređaja za osvjetljavanje i svjetlosnu signalizaciju na motorna vozila i njihove prikolice (ISO 303:2002)
Road vehicles – Installation of lighting and light signalling devices for motor vehicles and their trailers (ISO 303:2002)
- bez zamjene
- HRN ISO 1726:2004 en
Cestovna vozila – Mehanička veza između tegljača i poluprikolica – Zamjenjivost (ISO 1726:2000)
Road vehicles – Mechanical coupling between tractors and semi-trailers – Interchangeability (ISO 1726:2000)
- bez zamjene
- HRN ISO 1919:2002 en
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Cestovna vozila – M14x1,25 svjećice s koničnim sjedištem i njihov smještaj u glavi cilindra (ISO 2344:1998)
Road vehicles – M14x1,25 spark-plugs with conical seating and their cylinder head housings (ISO 2344:1998)
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Road vehicles – M18x1,5 spark-plugs with conical seating and their cylinder head housing (ISO 2345:1994)
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Road vehicles – M14x1,25 compact spark-plugs with flat seating and 19 mm hexagon and their cylinder head housing (ISO 2346:2001)
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Cestovna vozila – M12 x 1,25 svjećice s ravnim sjedištem i njihov smještaj u glavi cilindra (ISO 2705:2006)
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Gume i naplatci za motocikle (nizovi označeni kodnom oznakom) – 3. dio: Naplatci (ISO 4249-3:2004)
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- HRN ISO 4250-3:2008 en
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Cestovna vozila – Uređaji za osvjetljavanje i svjetlosnu signalizaciju za motorna vozila i njihove prikolice – Rječnik (ISO 7227:1987)
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Cestovno opterećenje motornog vozila – Određivanje pri referencijskim atmosferskim uvjetima i simuliranje na ispitnim valjcima (ISO 10521:1992)
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- HRN ISO 16750-3:2004 en
Cestovna vozila – Uvjeti okoliša i ispitivanje električne i elektroničke opreme – 3. dio: Mehanička opterećenja (ISO 16750-3:2003)
Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 3: Mechanical loads (ISO 16750-3:2003)
- bez zamjene
- HRN ISO 16750-4:2004 en
Cestovna vozila – Uvjeti okoliša i ispitivanje električne i elektroničke opreme – 4. dio: Klimatska opterećenja (ISO 16750-4:2003)
Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 4: Climatic loads (ISO 16750-4:2003)
- bez zamjene
- HRN ISO 16750-5:2004 en
Cestovna vozila – Uvjeti okoliša i ispitivanje električne i elektroničke opreme – 5. dio: Kemijska opterećenja (ISO 16750-5:2003)
Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 5: Chemical loads (ISO 16750-5:2003)
- bez zamjene
- HRN ISO 16844-2:2011 en
Cestovna vozila – Sustavi tahografa – 2. dio: Zapisna jedinica, električno sučelje (ISO 16844-2:2004)
Road vehicles – Tachograph systems – Part 2: Recording unit, electrical interface (ISO 16844-2:2004)
- bez zamjene
- HRN ISO 16992:2008 en
Gume za osobne automobile – Oprema koja nadomješta zamjenski kotač (SUSE) (ISO 16992:2006)
Passenger car tyres – Spare unit substitutive equipment (SUSE) (ISO 16992:2006)
- bez zamjene

HZN/TO 28, Naftni proizvodi i maziva

- HRN ISO 1998-2:1998 hr,en,fr,ru
Naftna industrija – Rječnik – 2. dio (ISO 1998-2:1976)
Petroleum industry – Vocabulary – Part 2 (ISO 1998-2:1976)
- zamijenjena s: HRN ISO 1998-2:2012

HZN/TO 71, Beton

- HRN EN 480-8:2004 en
Dodaci betonu, mortu i mortu za injektiranje – Ispitne metode – 8. dio: Određivanje deklariranog sadržaja suhe tvari (EN 480-8:1996)

Admixtures for concrete, mortar and grout – Test methods – Part 8: Determination of the conventional dry material content (EN 480-8:1996)
- zamijenjena s: HRN EN 480-8:2012

- HRN EN 934-2:2010 en
Dodaci betonu, mortu i smjesi za injektiranje – 2. dio: Dodaci betonu – Definicije, zahtjevi, sukladnost, označavanje i obilježavanje (EN 934-2:2009)
Admixtures for concrete, mortar and grout – Part 2: Concrete admixtures – Definitions, requirements, conformity, marking and labelling (EN 934-2:2009)
- zamijenjena s: HRN EN 934-2:2012

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

- HRN EN 378-1:2010 en
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na okoliš i sigurnost – 1. dio: Osnovni zahtjevi, definicije, razredba i kriteriji odabira (EN 378-1:2008+A1:2010)
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 1: Basic requirements, definitions, classification and selection criteria (EN 378-1:2008+A1:2010)
- zamijenjena s: HRN EN 378-1:2012
- HRN EN 378-2:2010 en
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na sigurnost i okoliš – 2. dio: Projektiranje, izvedba, ispitivanje, označavanje i dokumentacija (EN 378-2:2008+A1:2009)
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 2: Design, construction, testing, marking and documentation (EN 378-2:2008+A1:2009)
- zamijenjena s: HRN EN 378-2:2012
- HRN EN 378-3:2008 en
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na okoliš i sigurnost – 3. dio: Mjesto instalacije i osobna zaštita (EN 378-3:2008)
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 3: Installation site and personal protection (EN 378-3:2008)
- zamijenjena s: HRN EN 378-3:2012
- HRN EN 378-4:2008 en
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na okoliš i sigurnost – 4. dio: Rukovanje, održavanje, popravci i sanacija (EN 378-4:2008)
Refrigerating systems and heat pumps – Safety and environmental requirements – Part 4: Operation, maintenance, repair and recovery (EN 378-4:2008)
- zamijenjena s: HRN EN 378-4:2012

HZN/TO 92, Zaštita od požara

- HRN EN 1365-1:2002 en
Ispitivanja otpornosti na požar nosivih elemenata – 1. dio: Zidovi (EN 1365-1:1999)
Fire resistance tests for loadbearing elements – Part 1: Walls (EN 1365-1:1999)
- zamijenjena s: HRN EN 1365-1:2012

HZN/TO 116, Uređaji i oprema za izmjenu topline

- HRN EN 267:2010 en
Automatski pretlačni plamenici za kapljevita goriva (EN 267:2009)
Automatic forced draught burners for liquid fuels (EN 267:2009)
- zamijenjena s: HRN EN 267:2012
- HRN EN 303-5:2004 en
Toplovodni kotlovi – 5. dio: Kotlovi na kruto gorivo, ručno i automatski loženi, nazivne toplinske snage do 300 kW – Nazivlje, zahtjevi, ispitivanje i označavanje (EN 303-5:1999)

Heating boilers – Part 5: Heating boilers for solid fuels, hand and automatically stocked, nominal heat output of up to 300 kW – Terminology, requirements, testing and marking (EN 303-5:1999)
- zamijenjena s: HRN EN 303-5:2012

HZN/TO 120, Koža i obuća

- HRN EN ISO 11640:2004 en
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na cikluse trljanja naprijed-nazad (ISO 11640:1993; EN ISO 11640:1998)
Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing (ISO 11640:1993; EN ISO 11640:1998)
- zamijenjena s: HRN EN ISO 11640:2012
- HRN EN ISO 11641:2008 en
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na znoj (ISO 11641:1993; EN ISO 11641:2003)
Leather – Tests for colour fastness – Colour fastness to perspiration (ISO 11641:1993; EN ISO 11641:2003)
- zamijenjena s: HRN EN ISO 11641:2012
- HRN EN ISO 11642:2004 en
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na vodu (ISO 11642:1993; EN ISO 11642:1998)
Leather – Tests for colour fastness – Colour fastness to water (ISO 11642:1993; EN ISO 11642:1998)
- zamijenjena s: HRN EN ISO 11642:2012
- HRN EN 13336:2008 en
Koža – Značajke kože za presvlake – Upute za odabir kože za namještaj (EN 13336:2004)
Leather – Upholstery leather characteristics – Guide for the selection of leather for furniture (EN 13336:2004)
- zamijenjena s: HRN EN 13336:2012
- HRN EN ISO 14268:2004 en
Koža – Fizikalna i mehanička ispitivanja – Određivanje propusnosti vodene pare (ISO 14268:2002; EN ISO 14268:2002)
Leather – Physical and mechanical tests – Determination of water vapour permeability (ISO 14268:2002; EN ISO 14268:2002)
- zamijenjena s: HRN EN ISO 14268:2012

HZN/TO 135, Nerazorna ispitivanja

- HRN EN ISO 3059:2001 en
Nerazorno ispitivanje – Ispitivanje penetrantima i ispitivanje magnetskim česticama – Uvjeti promatranja (ISO 3059:2001; EN ISO 3059:2001)
Non-destructive testing – Penetrant testing and magnetic particle testing – Viewing conditions (ISO 3059:2001; EN ISO 3059:2001)
- zamijenjena s: HRN EN ISO 3059:2012

HZN/TO 136, Namještaj

- HRN DIN 68100:1999 de
Dopuštena odstupanja i dosjedi u obradbi drva – Pojmovi, redovi dopuštenih odstupanja, veličina utezanja i bubrenja (DIN 68100:1984)
Tolerance system for wood working and wood processing – Concepts, series of tolerances, shrinkage and swelling (DIN 68100:1984)
- bez zamjene
- HRN DIN 68100 Dodatak 1:1999 de
Dopuštena odstupanja mjera i kutova u obradbi drva – Promjene mjera pod utjecajem vlažnosti masivnoga drva duž vlaknaca u ariševine, borovine, duglazijevine, jelovine i smrekovine, radijalno i tangencijalno (DIN 68100 Dodatak 1:1978)
Tolerances for linear measure and angular dimensions in the wood-working and wood-processing industry – Change of dimensions due to the influence of moisture parallel to the grain of solid wood, radial and tangential to the grain of spruce, fir, larch, pine and oregon-pine (DIN 68100 Beiblatt 1:1978)
- bez zamjene

- HRN DIN 68100 Dodatak 2:1999 de
Dopuštena odstupanja mjera i kutova u obradbi drva – Promjene mjera pod utjecajem vlažnosti bukovine, jasenovine, hrastovine, afzelijevine, afrormozijevine, bongosijevine, irokovine, kajavine, makorevine i drva žutog merantija, radijalno i tangencijalno (DIN 68100 Dodatak 2:1978)
Tolerances for linear measure and angular dimensions in the wood-working and wood-processing industry – Change of dimensions due to the influence of moisture radial and tangential to the grain of afrormosia, afzelia, ekki, beech, oak, ash, iroko, khaya (african mahogany), macore and yellow meranti (DIN 68100 Beiblatt 2:1978)
- bez zamjene
- HRN DIN 68100 Dodatak 3:1999 de
Dopuštena odstupanja mjera i kutova u obradbi drva – Promjene mjera (dimenzije) pod utjecajem vlažnosti brestovine, orahovine, topolovine, tikovine te drva crvenog merantija, muhuhua, nijangona, sapelija, sipoa i venge (pange-pange), radijalno i tangencijalno (DIN 68100 Dodatak 3:1978)
Tolerances for linear measure and angular dimensions in the wood-working and wood-processing industry – Change of dimensions due to the influence of moisture, radial and tangential to the grain of red-meranti, muhuhu, niangon, walnut, aspen (poplar), utile, teak, elm and wenge (panga panga) (DIN 68100 Beiblatt 3:1978)
- bez zamjene
- HRN DIN 68100 Dodatak 4:1999 de
Dopuštena odstupanja mjera i kutova u obradbi drva – Promjene mjera pod utjecajem vlažnosti ploča iverica (V20, V100, V100G), furnirskih ploča i tvrdih vlaknatica po debljini, duljini i širini (DIN 68100 Dodatak 4:1978)
Tolerances for linear measure and angular dimensions in the wood-working and wood-processing industry – Change of dimensions due to the influence of moisture in the direction of thickness, width and length of particle-board, plywood and fibreboard (DIN 68100 Beiblatt 4:1978)
- bez zamjene
- HRN DIN 68101:1999 de
Osnovna odstupanja i polja dopuštenih odstupanja u obradbi drva (DIN 68101:1984)
Fundamental deviations and tolerance zones for wood working and wood processing (DIN 68101:1984)
- bez zamjene
- HRN DIN 68880-1:1998 de
Namještaj – Pojmovi (DIN 68880-1:1973)
Furniture – Concepts (DIN 68880-1:1973)
- bez zamjene

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

- HRN EN ISO 9080:2004 en
Plastični cijevni i kanalni sustavi – Određivanje dugotrajne hidrostatske čvrstoće plastomernih materijala u obliku cijevi ekstrapolacijom (ISO 9080:2003; EN ISO 9080:2003)
Plastics piping and ducting systems – Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation (ISO 9080:2003; EN ISO 9080:2003)
- zamijenjena s: HRN EN ISO 9080:2012
- HRN EN 12201-3:2011 en
Plastični tlačni cijevni sustavi za opskrbu vodom, odvodnju i kanalizaciju – Polietilen (PE) – 3. dio: Spojnice (EN 12201-3:2011)
Plastics piping systems for water supply, and for drainage and sewerage under pressure – Polyethylene (PE) – Part 3: Fittings (EN 12201-3:2011)
- zamijenjena s: HRN EN 12201-3:2012

HZN/TO 163, Toplinska izolacija

- HRN EN ISO 12569:2002 en
Toplinska izolacija zgrada – Određivanje izmjene zraka u zgradama – Metoda s plinom kao indikatorom (ISO 12569:2000; EN ISO 12569:2000)
Thermal insulation in buildings – Determination of air change in buildings – Tracer gas dilution method (ISO 12569:2000; EN ISO 12569:2000)
- zamijenjena s: HRN EN ISO 12569:2012
- HRN EN 13162:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od mineralne vune (MW) – Specifikacija (EN 13162:2008)
Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification (EN 13162:2008)
- zamijenjena s: HRN EN 13162:2012
- HRN EN 13163:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspanziranog polistirena (EPS) – Specifikacija (EN 13163:2008)
Thermal insulation products for buildings – Factory made products of expanded polystyrene (EPS) – Specification (EN 13163:2008)
- zamijenjena s: HRN EN 13163:2012
- HRN EN 13164:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekstrudirane polistirenske pjene (XPS) – Specifikacija (EN 13164:2008)
Thermal insulation products for buildings – Factory made products of extruded polystyrene foam (XPS) – Specification (EN 13164:2008)
- zamijenjena s: HRN EN 13164:2012
- HRN EN 13165:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od tvrde poliuretanske pjene (PUR) – Specifikacija (EN 13165:2008)
Thermal insulation products for buildings – Factory made rigid polyurethane foam (PUR) products – Specification (EN 13165:2008)
- zamijenjena s: HRN EN 13165:2012
- HRN EN 13166:2009 en
Toplinsko izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od fenolne pjene (PF) – Specifikacija (EN 13166:2008)
Thermal insulation products for buildings – Factory made products of phenolic foam (PF) – Specification (EN 13166:2008)
- zamijenjena s: HRN EN 13166:2012
- HRN EN 13167:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ćelijastog (pjenastog) stakla (CG) – Specifikacija (EN 13167:2008)
Thermal insulation products for buildings – Factory made cellular glass (CG) products – Specification (EN 13167:2008)
- zamijenjena s: HRN EN 13167:2012
- HRN EN 13168:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od drvene vune (WW) – Specifikacija (EN 13168:2008)
Thermal insulation products for buildings – Factory made wood wool (WW) products – Specification (EN 13168:2008)
- zamijenjena s: HRN EN 13168:2012
- HRN EN 13169:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspanziranog perlita (EPB) – Specifikacija (EN 13169:2008)
Thermal insulation products for buildings – Factory made products of expanded perlite (EPB) – Specification (EN 13169:2008)
- zamijenjena s: HRN EN 13169:2012

- HRN EN 13170:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspanziranog pluta (ICB) – Specifikacija (EN 13170:2008)
Thermal insulation products for buildings – Factory made products of expanded cork (ICB) – Specification (EN 13170:2008)
- zamijenjena s: HRN EN 13170:2012
- HRN EN 13171:2008 en
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od drvenih vlakana (WF) – Specifikacija (EN 13171:2008)
Thermal insulating products for buildings – Factory made wood fibre (WF) products – Specification (EN 13171:2008)
- zamijenjena s: HRN EN 13171:2012
- HRN EN 13469:2002 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje svojstava propusnosti vodene pare predgotovljene izolacije za cijevi (EN 13469:2001)
Thermal insulating products for building equipment and industrial installations – Determination of water vapour transmission properties of preformed pipe insulation (EN 13469:2001)
- zamijenjena s: HRN EN 13469:2012
- HRN EN 13472:2002 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje vodoupojnosti kod kratkotrajnog djelomičnog uranjanja predgotovljene izolacije za cijevi (EN 13472:2001)
Thermal insulating products for building equipment and industrial installations – Determination of short term water absorption by partial immersion of preformed pipe insulation (EN 13472:2001)
- zamijenjena s: HRN EN 13472:2012
- HRN EN 14706:2008 en
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje najviše dozvoljene temperature uporabe (EN 14706:2005)
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature (EN 14706:2005)
- zamijenjena s: HRN EN 14706:2012
- HRN EN 14707:2008 en
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje najviše dozvoljene temperature uporabe za predgotovljene izolacije cjevovoda (EN 14707:2005+A1:2007)
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature for preformed pipe insulation (EN 14707:2005+A1:2007)
- zamijenjena s: HRN EN 14707:2012

HZN/TO 184, Sustavi industrijske automatizacije i integracija

- HRN EN ISO 8373:2007 en
Manipulatorski industrijski roboti – Rječnik (ISO 8373:1994+Cor 1:1996+Amd 1:1996; EN ISO 8373:1996+AC:1996)
Manipulating industrial robots – Vocabulary (ISO 8373:1994+Cor 1:1996+Amd 1:1996; EN ISO 8373:1996+AC:1996)
- bez zamjene
- HRN EN ISO 10218-1:2009 en
Roboti za industrijska okruženja – Sigurnosni zahtjevi – 1. dio: Robot (ISO 10218-1:2006+Cor 1:2007; EN ISO 10218-1:2008)
Robots for industrial environments – Safety requirements – Part 1: Robot (ISO 10218-1:2006+Cor 1:2007; EN ISO 10218-1:2008)
- zamijenjena s: HRN EN ISO 10218-1:2012

HZN/TO 218, Drvo

- HRN EN 117:2008 en
Wood preservatives – Determination of toxic values against Reticulitermes species (European termites) (Laboratory method) (EN 117:2005)
- zamijenjena s: HRN EN 117:2012
- HRN EN 1316-1:1999 hr
Oblo drvo listača – Razvrstavanje po kakvoći – 1. dio: Hrast i bukva (EN 1316-1:1997)
Hardwood round timber – Qualitative classification – Part 1: Oak and beech (EN 1316-1:1997)
- zamijenjena s: HRN EN 1316-1:2012
- HRN EN 1316-2:1999 hr
Oblo drvo listača – Razvrstavanje po kakvoći – 2. dio: Topola (EN 1316-2:1997)
Hardwood round timber – Qualitative classification – Part 2: Poplar (EN 1316-2:1997)
- zamijenjena s: HRN EN 1316-2:2012

HZN/TO 502, Plinski uređaji

- HRN EN 298:2004 en
Automatski regulacijski (upravljački) sustavi za plinske plamenike i plinske uređaje s ili bez ventilatora (EN 298:2003)
Automatic gas burner control systems for gas burners and gas burning appliances with or without fans (EN 298:2003)
- zamijenjena s: HRN EN 298:2012

HZN/TO 503, Metalni materijali

- HRN EN ISO 9513:2008 en
Metalni materijali – Umjeravanje ekstenzimetara koji se upotrebljavaju u jednoosnome ispitivanju (ISO 9513:1999; EN ISO 9513:2002)
Metallic materials – Calibration of extensometers used in uniaxial testing (ISO 9513:1999; EN ISO 9513:2002)
- zamijenjena s: HRN EN ISO 9513:2012

HZN/TO 504, Korozija i zaštita metala i legura

- HRN ISO 2079:2001 en,fr,ru
Površinska obrada i metalne prevlake – Opća razredba naziva (ISO 2079:1981)
Surface treatment and metallic coatings – General classification of terms (ISO 2079:1981)
- bez zamjene

HZN/TO 524, Cestovni prijevoz i prometna telematika

- HRS CEN ISO/TS 14822-1:2008 en
Traffic and Travel Information – General specifications for medium-range pre-information via dedicated short-range communication – Part 1: Downlink (ISO/TS 14822-1:2006; CEN ISO/TS 14822-1:2006)
- bez zamjene
- HRS CEN ISO/TS 17573:2008 en
Road Transport and Traffic Telematics – Electronic Fee Collection (EFC) – System architecture for vehicle related transport services (ISO/TS 17573:2003; CEN ISO/TS 17573:2003)
- bez zamjene

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

- HRN EN 492:2008 en
Fibre-cement slates and fittings – Product specification and test methods (EN 492:2004+A1:2005+A2:2006)
- zamijenjena s: HRN EN 492:2012
- HRN EN 494:2009 en
Fibre-cement profiled sheets and fittings – Product specification and test methods (EN 494:2004+A3:2007)
- zamijenjena s: HRN EN 494:2012

- HRN EN 1013-1:2008 en
Light transmitting profiled plastic sheeting for single skin roofing – Part 1: General requirements and test methods (EN 1013-1:1997)
- zamijenjena s: HRN EN 1013:2012
- HRN EN 1013-2:2008 en
Light transmitting profiled plastic sheeting for single skin roofing – Part 2: Specific requirements and test methods for sheets of glass fibre reinforced polyester resin (GRP) (EN 1013-2:1998)
- zamijenjena s: HRN EN 1013:2012
- HRN EN 1013-3:2008 en
Light transmitting profiled plastic sheeting for single skin roofing – Part 3: Specific requirements and test methods for sheets of polyvinyl chloride (PVC) (EN 1013-3:1997)
- zamijenjena s: HRN EN 1013:2012
- HRN EN 1013-4:2008 en
Light transmitting profiled plastic sheeting for single skin roofing – Part 4: Specific requirements, test methods and performance of polycarbonate (PC) sheets (EN 1013-4:2000)
- zamijenjena s: HRN EN 1013:2012
- HRN EN 1013-5:2008 en
Light transmitting profiled plastic sheeting for single skin roofing – Part 5: Specific requirements, test methods and performance of polymethylmethacrylate (PMMA) sheets (EN 1013-5:2000)
- zamijenjena s: HRN EN 1013:2012
- HRN EN 13956:2005 en
Savitljive hidroizolacijske trake – Plastične i elastomerne hidroizolacijske trake za krovove – Definicije i značajke (EN 13956:2005)
Flexible sheet for waterproofing – Plastic and rubber sheets for roof waterproofing – Definitions and characteristics (EN 13956:2005)
- zamijenjena s: HRN EN 13956:2012
- HRN EN 13956:2005/lsp.1:2008 en
Savitljive hidroizolacijske trake – Plastične i elastomerne hidroizolacijske trake za krovove – Definicije i značajke (EN 13956:2005/AC:2006)
Flexible sheet for waterproofing – Plastic and rubber sheets for roof waterproofing – Definitions and characteristics (EN 13956:2005/AC:2006)
- zamijenjena s: HRN EN 13956:2012
- HRN EN 13967:2005 en
Savitljive hidroizolacijske trake – Plastične i elastomerne trake za zaštitu od vlage i vode iz tla – Definicije i značajke (EN 13967:2004)
Flexible sheets for waterproofing – Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet – Definitions and characteristics (EN 13967:2004)
- zamijenjena s: HRN EN 13967:2012
- HRN EN 13967:2005/A1:2008 en
Savitljive hidroizolacijske trake – Plastične i elastomerne trake za zaštitu od vlage i vode iz tla – Definicije i značajke (EN 13967:2004/A1:2006)
Flexible sheets for waterproofing – Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet – Definitions and characteristics (EN 13967:2004/A1:2006)
- zamijenjena s: HRN EN 13967:2012
- HRN EN 15814:2011 en
Polimerom modificirani bitumenski debeloslojni premazi za hidroizolaciju – Definicije i zahtjevi (EN 15814:2011)
Polymer modified bituminous thick coatings for waterproofing – Definitions and requirements (EN 15814:2011)
- zamijenjena s: HRN EN 15814:2012

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

- HRN ISO 1395:2004 en
Kratkočlani precizni tuljčasti pogonski lanci i lančanici (ISO 1395:1977+Amd 1:1982)
Short pitch transmission precision bush chains and chain wheels (ISO 1395:1977+Amd 1:1982)
- bez zamjene
- HRN ISO 3178:2000 en
Čelična užad za opću namjenu – Uvjeti prihvaćanja (ISO 3178:1988)
Steel wire ropes for general purposes – Terms of acceptance (ISO 3178:1988)
- bez zamjene
- HRN ISO 7595:2004 en
Završeci čeličnih užadi – Završeci u rastaljenom metalu (ISO 7595:1984)
Socketing procedures for wire ropes – Molten metal socketing (ISO 7595:1984)
- bez zamjene
- HRN ISO/TR 7596:2004 en
Završeci čeličnih užadi – Završeci u smoli (ISO/TR 7596:1982)
Socketing procedures for wire ropes – Resin socketing (ISO/TR 7596:1982)
- bez zamjene

HZN/TO 531, Plastika i guma

- HRN EN ISO 1874-2:2008 en
Plastika – Poliamidni (PA) materijali za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 1874-2:2006; EN ISO 1874-2:2006)
Plastics – Polyamide (PA) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 1874-2:2006; EN ISO 1874-2:2006)
- zamijenjena s: HRN EN ISO 1874-2:2012
- HRN EN ISO 1874-2:2008/A1:2011 en
Plastika – Poliamidni (PA) materijali za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava – Amandman 1: Lasersko sinteriranje ispitaka (ISO 1874-2:2006/Amd 1:2010; EN ISO 1874-2:2006/A1:2010)
Plastics – Polyamide (PA) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties – Amendment 1: Laser sintering of specimens (ISO 1874-2:2006/Amd 1:2010; EN ISO 1874-2:2006/A1:2010)
- zamijenjena s: HRN EN ISO 1874-2:2012
- HRN EN ISO 11963:2008 en
Plastika – Polikarbonatne ploče – Vrste, dimenzije i karakteristike (ISO 11963:1995; EN ISO 11963:1995)
Plastics – Polycarbonate sheets – Types, dimensions and characteristics (ISO 11963:1995; EN ISO 11963:1995)
- zamijenjena s: HRN EN ISO 11963:2012
- HRN EN 13067:2008 en
Zavarivači plastike – Kvalifikacijsko ispitivanje zavarivača – Plastomerni zavareni sklopovi (EN 13067:2003)
Plastics welding personnel – Qualification testing of welders – Thermoplastics welded assemblies (EN 13067:2003)
- zamijenjena s: HRN EN 13067:2012

HZN/TO 532, Dimnjaci

- HRN EN 13084-7:2008 en
Samostojeći dimnjaci – 7. dio: Specifikacije proizvoda za cilindrične čelične proizvode za upotrebu u čeličnim dimnjacima s jednom stijenkom i čeličnim cijevima (EN 13084-7:2005)

Free-standing chimneys – Part 7: Product specifications of cylindrical steel fabrications for use in single wall steel chimneys and steel liners (EN 13084-7:2005)
- zamijenjena s: HRN EN 13084-7:2012

- HRN EN 13084-7:2008/Ispr.1:2010 en
Samostojeći dimnjaci – 7. dio: Specifikacije proizvoda za cilindrične čelične proizvode za upotrebu u čeličnim dimnjacima s jednom stijenkom i čeličnim cijevima (EN 13084-7:2005/AC:2009)
Free-standing chimneys – Part 7: Product specifications of cylindrical steel fabrications for use in single wall steel chimneys and steel liners (EN 13084-7:2005/AC:2009)
- zamijenjena s: HRN EN 13084-7:2012

HZN/TO 533, Kolničke konstrukcije

- HRN EN 12697-42:2007 en
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 42. dio: Količina krupnoga onečišćenja u reciklažnom asfaltnom granulatu (EN 12697-42:2005)
Bituminous mixtures – Test methods for hot mix asphalt – Part 42: Amount of coarse foreign matter in reclaimed asphalt (EN 12697-42:2005)
- zamijenjena s: HRN EN 12697-42:2012

HZN/TO 535, Agregati

- HRN EN 1744-1:2010 en
Ispitivanja kemijskih svojstava agregata – 1. dio: Kemijska analiza (EN 1744-1:2009)
Tests for chemical properties of aggregates – Part 1: Chemical analysis (EN 1744-1:2009)
- zamijenjena s: HRN EN 1744-1:2012

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

- HRN EN 1191:2001 en
Prozori i vrata – Otpornost na uzastopno otvaranje i zatvaranje – Metoda ispitivanja (EN 1191:2000)
Windows and doors – Resistance to repeated opening and closing – Test method (EN 1191:2000)
- zamijenjena s: HRN EN 1191:2012
- HRN EN 1906:2010 en
Građevni okovi – Pripivatnici i kvake – Zahtjevi i metode ispitivanja (EN 1906:2010)
Building hardware – Lever handles and knob furniture – Requirements and test methods (EN 1906:2010)
- zamijenjena s: HRN EN 1906:2012
- HRN EN 12320:2008 en
Građevni okovi – Lokoti i pribor – Zahtjevi i ispitne metode (EN 12320:2001)
Building hardware – Padlocks and padlock fittings – Requirements and test methods (EN 12320:2001)
- zamijenjena s: HRN EN 12320:2012

HZN/TO 539, Kemijski dezinficijensi i antiseptici

- HRN EN 14204:2005 en
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za vrednovanje mikobaktericidne djelotvornosti kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u veterini – Metoda i zahtjevi testiranja (faza 2, korak 1) (EN 14204:2004)
Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants and antiseptics used in the veterinary area – Test method and requirements (phase 2, step 1) (EN 14204:2004)
- zamijenjena s: HRN EN 14204:2012
- HRN EN 14349:2008 en
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za procjenu bakteriocidne djelotvornosti kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u veterini u području neporoznih površina bez mehaničkog djelovanja – Metoda ispitivanja i zahtjevi (faza 2, korak 2) (EN 14349:2007)

Chemical disinfectants and antiseptics – Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in veterinary area on non-porous surfaces without mechanical action – Test method and requirements (phase 2, step 2) (EN 14349:2007)
- zamijenjena s: HRN EN 14349:2012

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

- HRN EN 779:2008 en
Zračni filtri za čestice pri općoj ventilaciji – Određivanje značajka filtracije (EN 779:2002)
Particulate air filters for general ventilation – Determination of the filtration performance (EN 779:2002)
- zamijenjena s: HRN EN 779:2012
- HRN EN 13951:2009 en
Pumpe za kapljevine – Sigurnosni zahtjevi – Oprema za poljoprivredne prehrambene proizvode – Pravila projektiranja za osiguravanje higijene u uporabi (EN 13951:2003+A1:2008)
Liquid pumps – Safety requirements – Agrifoodstuffs equipment – Design rules to ensure hygiene in use (EN 13951:2003+A1:2008)
- zamijenjena s: HRN EN 13951:2012
- HRN EN 14597:2008 en
Uređaji za upravljanje temperaturom i temperaturni graničnici kod sustava za proizvodnju topline (EN 14597:2005)
Temperature control devices and temperature limiters for heat generating systems (EN 14597:2005)
- zamijenjena s: HRN EN 14597:2012

HZN/TO 548, Konstrukcijski eurokodovi

- HRN EN 1991-1-1:2008 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-1: Opća djelovanja – Prostorne težine, vlastita težina i uporabna opterećenja za zgrade (EN 1991-1-1:2002)
Eurocode 1: Actions on structures – Part 1-1: General actions – Densities, self-weight, imposed loads for buildings (EN 1991-1-1:2002)
- zamijenjena s: HRN EN 1991-1-1:2012
- HRN EN 1991-1-1:2008/Ispr.1:2011 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-1: Opća djelovanja – Prostorne težine, vlastita težina i uporabna opterećenja za zgrade (EN 1991-1-1:2002/AC:2009)
Eurocode 1: Actions on structures – Part 1-1: General actions – Densities, self-weight, imposed loads for buildings (EN 1991-1-1:2002/AC:2009)
- zamijenjena s: HRN EN 1991-1-1:2012
- HRN EN 1991-1-2:2008 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-2: Opća djelovanja – Djelovanja na konstrukcije izložene požaru (EN 1991-1-2:2002)
Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire (EN 1991-1-2:2002)
- zamijenjena s: HRN EN 1991-1-2:2012
- HRN EN 1991-1-2:2008/Ispr.1:2011 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-2: Opća djelovanja – Djelovanja na konstrukcije izložene požaru (EN 1991-1-2:2002/AC:2009)
Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire (EN 1991-1-2:2002/AC:2009)
- zamijenjena s: HRN EN 1991-1-2:2012
- HRN EN 1991-1-3:2008 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-3: Opća djelovanja – Opterećenje snijegom (EN 1991-1-3:2003)
Eurocode 1: Actions on structures – Part 1-3: General actions – Snow load (EN 1991-1-3:2003)
- zamijenjena s: HRN EN 1991-1-3:2012
- HRN EN 1991-1-3:2008/Ispr.1:2011 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-3: Opća djelovanja – Opterećenje snijegom (EN 1991-1-3:2003/AC:2009)
Eurocode 1: Actions on structures – Part 1-3: General actions – Snow loads (EN 1991-1-3:2003/AC:2009)
- zamijenjena s: HRN EN 1991-1-3:2012
- HRN EN 1991-1-4:2008 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-4: Opća djelovanja – Djelovanja vjetra (EN 1991-1-4:2005)
Eurocode 1: Actions on structures – Part 1-4: General actions – Wind action (EN 1991-1-4:2005)
- zamijenjena s: HRN EN 1991-1-4:2012
- HRN EN 1991-1-4:2008/A1:2011 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-4: Opća djelovanja – Djelovanja vjetra (EN 1991-1-4:2005/A1:2010)
Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions (EN 1991-1-4:2005/A1:2010)
- zamijenjena s: HRN EN 1991-1-4:2012
- HRN EN 1991-1-4:2008/Ispr.1:2011 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-4: Opća djelovanja – Djelovanja vjetra (EN 1991-1-4:2005/AC:2010)
Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions (EN 1991-1-4:2005/AC:2010)
- zamijenjena s: HRN EN 1991-1-4:2012
- HRN EN 1991-1-5:2008 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-5: Opća djelovanja – Toplinska djelovanja (EN 1991-1-5:2003)
Eurocode 1: Actions on structures – Part 1-5: General actions – Thermal actions (EN 1991-1-5:2003)
- zamijenjena s: HRN EN 1991-1-5:2012
- HRN EN 1991-1-5:2008/Ispr.1:2011 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-5: Opća djelovanja – Toplinska djelovanja (EN 1991-1-5:2003/AC:2009)
Eurocode 1: Actions on structures – Part 1-5: General actions – Thermal actions (EN 1991-1-5:2003/AC:2009)
- zamijenjena s: HRN EN 1991-1-5:2012
- HRN EN 1991-1-6:2008 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-6: Opća djelovanja – Djelovanja tijekom izvedbe (EN 1991-1-6:2005+AC:2008)
Eurocode 1: Actions on structures – Part 1-6: General actions – Actions during execution (EN 1991-1-6:2005+AC:2008)
- zamijenjena s: HRN EN 1991-1-6:2012
- HRN EN 1991-1-7:2008 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-7: Opća djelovanja – Izvanredna djelovanja (EN 1991-1-7:2006)
Eurocode 1: Actions on structures – Part 1-7: General actions – Accidental actions (EN 1991-1-7:2006)
- zamijenjena s: HRN EN 1991-1-7:2012
- HRN EN 1991-1-7:2008/Ispr.1:2011 en
Eurokod 1: Djelovanja na konstrukcije – Dio 1-7: Opća djelovanja – Izvanredna djelovanja (EN 1991-1-7:2006/AC:2010)
Eurocode 1: Actions on structures – Part 1-7: General actions – Accidental actions (EN 1991-1-7:2006/AC:2010)
- zamijenjena s: HRN EN 1991-1-7:2012
- HRN EN 1991-2:2008 en
Eurokod 1: Djelovanja na konstrukcije – 2. dio: Prometna opterećenja mostova (EN 1991-2:2003)
Eurocode 1: Actions on structures – Part 2: Traffic loads on bridges (EN 1991-2:2003)
- zamijenjena s: HRN EN 1991-2:2012

- HRN EN 1991-2:2008/Ispr.1:2011 en
Eurokod 1: Djelovanja na konstrukcije – 2. dio: Prometna opterećenja mostova (EN 1991-2:2003/AC:2010)
Eurocode 1: Actions on structures – Part 2: Traffic loads on bridges (EN 1991-2:2003/AC:2010)
- zamijenjena s: HRN EN 1991-2:2012
- HRN EN 1991-3:2008 en
Eurokod 1: Djelovanja na konstrukcije – 3. dio: Djelovanja prouzročena kranovima i strojevima (EN 1991-3:2006)
Eurocode 1: Actions on structures – Part 3: Actions induced by cranes and machinery (EN 1991-3:2006)
- zamijenjena s: HRN EN 1991-3:2012
- HRN EN 1991-4:2008 en
Eurokod 1: Djelovanja na konstrukcije – 4. dio: Silosi i spremnici tekućina (EN 1991-4:2006)
Eurocode 1: Actions on structures – Part 4: Silos and tanks (EN 1991-4:2006)
- zamijenjena s: HRN EN 1991-4:2012
- HRN EN 1996-1-1:2008 en
Eurokod 6: Projektiranje zidanih konstrukcija – Dio 1-1: Opća pravila za armirane i nearmirane zidane konstrukcije (EN 1996-1-1:2005)
Eurocode 6: Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures (EN 1996-1-1:2005)
- zamijenjena s: HRN EN 1996-1-1:2012
- HRN EN 1996-1-1:2008/Ispr.1:2011 en
Eurokod 6: Projektiranje zidanih konstrukcija – Dio 1-1: Opća pravila za armirane i nearmirane zidane konstrukcije (EN 1996-1-1:2005/AC:2009)
Eurocode 6: Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures (EN 1996-1-1:2005/AC:2009)
- zamijenjena s: HRN EN 1996-1-1:2012

HZN/TO 553, Predgotovljeni proizvodi

- HRN EN 232:2005 en
Kade – Priključne dimenzije (EN 232:2003)
Baths – Connecting dimensions (EN 232:2003)
- zamijenjena s: HRN EN 232:2012
- HRN EN 251:2005 en
Tuš-kade – Priključne dimenzije (EN 251:2003)
Shower trays – Connecting dimensions (EN 251:2003)
- zamijenjena s: HRN EN 251:2012
- HRN EN 1341:2003 en
Ploče od prirodnog kamena za vanjsko popločivanje – Zahtjevi i metode ispitivanja (EN 1341:2001)
Slabs of natural stone for external paving – Requirements and test methods (EN 1341:2001)
- zamijenjena s: HRN EN 1341:2012
- HRN EN 1342:2003 en
Prizme od prirodnog kamena za vanjsko popločivanje – Zahtjevi i metode ispitivanja (EN 1342:2001)
Setts of natural stone for external paving – Requirements and test methods (EN 1342:2001)
- zamijenjena s: HRN EN 1342:2012
- HRN EN 1343:2003 en
Rubnjaci od prirodnog kamena za vanjsko popločivanje – Zahtjevi i metode ispitivanja (EN 1343:2001)
Kerbs of natural stone for external paving – Requirements and test methods (EN 1343:2001)
- zamijenjena s: HRN EN 1343:2012
- HRN EN 14411:2008 en
Keramičke pločice – Definicije, razredba, značajke i označivanje (EN 14411:2006)
Ceramic tiles – Definitions, classification, characteristics and marking (EN 14411:2006)
- zamijenjena s: HRN EN 14411:2012

HZN/TO 555, Medicinski proizvodi

- HRN EN 980:2008 en
Simboli za uporabu u označivanju medicinskih proizvoda (EN 980:2008)
Symbols for use in the labelling of medical devices (EN 980:2008)
- zamijenjena s: HRN EN ISO 15223-1:2012
- HRN EN ISO 10993-12:2010 en
Biološka procjena medicinskih proizvoda – 12. dio: Priprema uzoraka i referentnih materijala (ISO 10993-12:2007; EN ISO 10993-12:2009)
Biological evaluation of medical devices – Part 12: Sample preparation and reference materials (ISO 10993-12:2007; EN ISO 10993-12:2009)
- zamijenjena s: HRN EN ISO 10993-12:2012
- HRN EN ISO 15189:2008 en
Medicinski laboratoriji – Posebni zahtjevi za kvalitetu i osposobljenost (ISO 15189:2007; EN ISO 15189:2007)
Medical laboratories – Particular requirements for quality and competence (ISO 15189:2007; EN ISO 15189:2007)
- zamijenjena s: HRN EN ISO 15189:2012

HZN/TO 556, Osobna zaštitna oprema

- HRN EN ISO 13287:2008 en
Osobna zaštitna oprema – Obuća – Ispitna metoda za otpornost na proklizavanje (ISO 13287:2006; EN ISO 13287:2007)
Personal protective equipment – Footwear – Test method for slip resistance (ISO 13287:2006; EN ISO 13287:2007)
- zamijenjena s: HRN EN ISO 13287:2012

HZN/TO 557, Zaštitna odjeća

- HRN EN ISO 15027-1:2003 en
Odijela za zaštitu u vodi – 1. dio: Odijela za stalno nošenje, zahtjevi uključujući i sigurnost (ISO 15027-1:2002; EN ISO 15027-1:2002)
Immersion suits – Part 1: Constant wear suits, requirements including safety (ISO 15027-1:2002; EN ISO 15027-1:2002)
- zamijenjena s: HRN EN ISO 15027-1:2012
- HRN EN ISO 15027-2:2003 en
Odijela za zaštitu u vodi – 2. dio: Odijela za spašavanje u vodi, zahtjevi uključujući i sigurnost (ISO 15027-2:2002; EN ISO 15027-2:2002)
Immersion suits – Part 2: Abandonment suits, requirements including safety (ISO 15027-2:2002; EN ISO 15027-2:2002)
- zamijenjena s: HRN EN ISO 15027-2:2012
- HRN EN ISO 15027-3:2003 en
Odijela za zaštitu u vodi – 3. dio: Ispitne metode (ISO 15027-3:2002; EN ISO 15027-3:2002)
Immersion suits – Part 3: Test methods (ISO 15027-3:2002; EN ISO 15027-3:2002)
- zamijenjena s: HRN EN ISO 15027-3:2012

HZN/TO E2, Rotacijski strojevi

- HRN EN 60034-15:2008 en
Rotacijski električni strojevi – 15. dio: Iznosi podnosivih udarnih napona rotacijskih izmjeničnih strojeva s oblikovanim statorskom svitcima (IEC 60034-15:1995; EN 60034-15:1996)
Rotating electrical machines – Part 15: Impulse voltage withstand levels of rotating a.c. machines with form-wound stator coils (IEC 60034-15:1995; EN 60034-15:1996)
- zamijenjena s: HRN EN 60034-15:2012
- HRN EN 60034-18-1:2008 en
Rotacijski električni strojevi – 18. dio: Funkcionalna procjena izolacijskih sustava – 1. odjeljak: Opće smjernice (IEC 60034-18-1:1992+am1:1996; EN 60034-18-1:1994+A1:1996)

Rotating electrical machines – Part 18: Functional evaluation of insulation systems – Section 1: General guidelines (IEC 60034-18-1:1992+am1:1996; EN 60034-18-1:1994+A1:1996)
- zamijenjena s: HRN EN 60034-18-1:2012

HRN EN 60034-22:2008 en
Rotacijski električni strojevi – 22. dio: Izmjenični generatori za proizvodne jedinice izmjenične struje pogonjene klipnim motorima s unutrašnjim izgaranjem (IEC 60034-22:1996; EN 60034-22:1997)
Rotating electrical machines – Part 22: AC generators for reciprocating internal combustion (RIC) engine driven generating sets (IEC 60034-22:1996; EN 60034-22:1997)
- zamijenjena s: HRN EN 60034-22:2012

HZN/TO E31, *Eksplzivne atmosfere*

HRN EN 13237:2004 en
Eksplzivne atmosfere – Nazivlje i definicije za opremu i zaštitne sustave za uporabu u ugroženim prostorima (EN 13237:2003)
Potentially explosive atmospheres – Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres (EN 13237:2003)
- zamijenjena s: HRN EN 13237:2012

HRN EN 14491:2007 en
Odušni zaštitni sustavi za eksplozije prašina (EN 14491:2006)
Dust explosion venting protective systems (EN 14491:2006)
- zamijenjena s: HRN EN 14491:2012

HRN EN 14491:2007/Ispr.1:2008 en
Odušni zaštitni sustavi za eksplozije prašina (EN 14491:2006/AC:2008)
Dust explosion venting protective systems (EN 14491:2006/AC:2008)
- zamijenjena s: HRN EN 14491:2012

HRN EN 60079-0:2007 en
Električni uređaji za eksplozivne plinske atmosfere – 0. dio: Opći zahtjevi (IEC 60079-0:2004, MOD; EN 60079-0:2006)
Electrical apparatus for explosive gas atmospheres – Part 0: General requirements (IEC 60079-0:2004, MOD; EN 60079-0:2006)
- zamijenjena s: HRN EN 60079-0:2009

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

HRN EN 60598-1:2008 en
Svjetiljke – 1. dio: Posebni zahtjevi i ispitivanja (IEC 60598-1:2003, MOD+am1:2006; EN 60598-1:2004+A1:2006)
Luminaires – Part 1: General requirements and tests (IEC 60598-1:2003, MOD+am1:2006; EN 60598-1:2004+A1:2006)
- zamijenjena s: HRN EN 60598-1:2009

HRN EN 60923:2008 en
Pribor za žarulje – Prigušnice za žarulje s izbojem (osim fluorescentnih cijevi) – Izvedbeni zahtjevi (IEC 60923:1995+am1:2001; EN 60923:1996+A1:2001)
Auxiliaries for lamps – Ballasts for discharge lamps (excluding tubular fluorescent lamps) – Performance requirements (IEC 60923:1995+am1:2001; EN 60923:1996+A1:2001)
- zamijenjena s: HRN EN 60923:2009

HRN EN 60929:2008 en
Elektroničke prigušnice koje se napajaju izmjeničnom strujom namijenjene fluorescentnim cijevima – Izvedbeni zahtjevi (IEC 60929:2003; EN 60929:2004)
A.C. supplied electronic ballasts for tubular fluorescent lamps – Performance requirements (IEC 60929:2003; EN 60929:2004)
- zamijenjena s: HRN EN 60929:2009

HRN EN 61547:1997 en
Oprema za opće primjene osvjjetljenja – Zahtjevi EMK za otpornost (IEC 61547:1995; EN 61547:1995)
Equipment for general lighting purposes – EMC immunity requirements (IEC 61547:1995; EN 61547:1995)
- zamijenjena s: HRN EN 61547:2012

HRN EN 61547:1997/A1:2008 en
Oprema za opće primjene osvjjetljenja – Zahtjevi EMK za otpornost (IEC 61547:1995/am1:2000; EN 61547:1995/A1:2000)
Equipment for general lighting purposes – EMC immunity requirements (IEC 61547:1995/am1:2000; EN 61547:1995/A1:2000)
- zamijenjena s: HRN EN 61547:2012

HZN/TO E78, *Rad pod naponom*

HRS CLC/TS 61111:2008 en
Prostirači od izolacijskog materijala za električne namjene (IEC 61111:1992+am1:2002+Corr.1:2000; CLC/TS 61111:2006)
Matting of insulating material for electrical purposes (IEC 61111:1992+am1:2002+Corr.1:2000; CLC/TS 61111:2006)
- zamijenjena s: HRN EN 61111:2011

HZN/TU I2, *Strojarstvo 2*

HRS CEN/TS 12977-1:2010 en
Thermal solar systems and components – Custom built systems – Part 1: General requirements for solar water heaters and combisystems (CEN/TS 12977-1:2010)
- zamijenjena s: HRN EN 12977-1:2012

HRS CEN/TS 12977-2:2010 en
Thermal solar systems and components – Custom built systems – Part 2: Test methods for solar water heaters and combisystems (CEN/TS 12977-2:2010)
- zamijenjena s: HRN EN 12977-2:2012

HRN EN 12977-3:2008 en
Thermal solar systems and components – Custom built systems – Part 3: Performance test methods for solar water heater stores (EN 12977-3:2008)
- zamijenjena s: HRN EN 12977-3:2012

HRS CEN/TS 12977-4:2010 en
Thermal solar systems and components – Custom built systems – Part 4: Performance test methods for solar combistores (CEN/TS 12977-4:2010)
- zamijenjena s: HRN EN 12977-4:2012

HRS CEN/TS 12977-5:2010 en
Thermal solar systems and components – Custom built systems – Part 5: Performance test methods for control equipment (CEN/TS 12977-5:2010)
- zamijenjena s: HRN EN 12977-5:2012

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

HRN EN ISO 6876:2008 en
Dental root canal sealing materials (ISO 6876:2001; EN ISO 6876:2002)
- zamijenjena s: HRN EN ISO 6876:2012

HRN EN ISO 11608-3:2008 en
Pen-injectors for medical use – Part 3: Finished cartridges – Requirements and test methods (ISO 11608-3:2000; EN ISO 11608-3:2000)
- zamijenjena s: HRN EN ISO 11608-3:2012

HRN EN 12470-3:2011 en
Medicinski termometri – 3. dio: Zahtjevi za cjelovite električne termometre za mjerenje najviše temperature ljudskoga tijela (termometri sa sklopom za predviđanje temperature, kao i termometri bez tog sklopa) (EN 12470-3:2000+A1:2009)
Clinical thermometers – Part 3: Performance of compact electrical thermometers (non-predictive and predictive) with maximum device (EN 12470-3:2000+A1:2009)
- bez zamjene

- HRN EN 12470-4:2011 en
Medicinski termometri – 4. dio: Električni termometri za neprekidno mjerenje temperature (EN 12470-4:2000+A1:2009)
Clinical thermometers – Part 4: Performance of electrical thermometers for continuous measurement (EN 12470-4:2000+A1:2009)
- bez zamjene
- HRN EN 12470-5:2005 en
Medicinski termometri – 5. dio: Zahtjevi za infracrvene ušne termometre (za mjerenje najviše temperature ljudskoga tijela) (EN 12470-5:2003)
Clinical thermometers – Part 5: Performance of infrared ear thermometers (with maximum device) (EN 12470-5:2003)
- bez zamjene

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

- HRN EN 2591-307:2008 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 307: Salt mist (EN 2591-307:1998)
- zamijenjena s: HRN EN 2591-307:2012
- HRN EN 2591-402:2008 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 402: Shock (EN 2591-402:1998)
- zamijenjena s: HRN EN 2591-402:2012
- HRN EN 2591-403:2008 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration (EN 2591-403:1998)
- zamijenjena s: HRN EN 2591-403:2012
- HRN EN 2997-003:2008 en
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures – 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 003: Square flange receptacle – Product standard (EN 2997-003:2006)
- zamijenjena s: HRN EN 2997-003:2012
- HRN EN 2997-005:2008 en
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures – 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 005: Hermetic square flange receptacle – Product standard (EN 2997-005:2006)
- zamijenjena s: HRN EN 2997-005:2012
- HRN EN 3456:2011 en
Aerospace series – Titanium alloy Ti-P64001 (Ti-6Al-4V) – Annealed – Sheet and strip, hot rolled – a = 6 mm (EN 3456:2009)
- zamijenjena s: HRN EN 3456:2012
- HRN EN 3464:2011 en
Aerospace series – Titanium alloy Ti-P64001 (Ti-6Al-4V) – Annealed – Plate – 6 mm < a = 100 mm (EN 3464:2009)
- zamijenjena s: HRN EN 3464:2012
- HRN EN 3745-301:2008 en
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 301: Attenuation (EN 3745-301:2002)
- zamijenjena s: HRN EN 3745-301:2012
- HRN EN 3745-510:2008 en
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 510: Bending test (EN 3745-510:2002)
- zamijenjena s: HRN EN 3745-510:2012

- HRN EN 4531-001:2008 en
Aerospace series – Connectors, optical, circular, single and multipin, coupled by threaded ring – Flush contacts – Part 001: Technical specification (EN 4531-001:2007)
- zamijenjena s: HRN EN 4531-001:2012
- HRN EN 4531-002:2008 en
Aerospace series – Connectors, optical, circular, single and multipin, coupled by threaded ring – Flush contacts – Part 002: Specification of performance and contact arrangements (EN 4531-002:2007)
- zamijenjena s: HRN EN 4531-002:2012
- HRN EN 4531-003:2008 en
Aerospace series – Connectors, optical, circular, single and multipin, coupled by threaded ring – Flush contacts – Part 003: Square flange receptacle – Product standard (EN 4531-003:2007)
- zamijenjena s: HRN EN 4531-003:2012
- HRN EN 4531-004:2008 en
Aerospace series – Connectors, optical, circular, single and multipin, coupled by threaded ring – Flush contacts – Part 004: Jam nut receptacle – Product standard (EN 4531-004:2007)
- zamijenjena s: HRN EN 4531-004:2012
- HRN EN 4531-005:2008 en
Aerospace series – Connectors, optical, circular, single and multipin, coupled by threaded ring – Flush contacts – Part 005: Plug – Product standard (EN 4531-005:2007)
- zamijenjena s: HRN EN 4531-005:2012
- HRN EN 4531-101:2008 en
Aerospace series – Connectors, optical, circular, single and multipin, coupled by threaded ring – Flush contacts – Part 101: Optical contact for EN 4641-100 cable – 55°C to 125 °C – Product standard (EN 4531-101:2007)
- zamijenjena s: HRN EN 4531-101:2012

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.

HZN/TO 121, *Anestetička i respiracijska oprema*

- **umjesto**

- HRN EN 1865-4:2012
Oprema za postupanje s bolesnikom koja se upotrebljava u cestovnim ambulantnim vozilima – 4. dio: Sklopiva **prijenosna stolica** (EN 1865-4:2012)
Patient handling equipment used in road ambulances – Part 4: Foldable patient transfer chair (EN 1865-4:2012)

- **treba biti**

- HRN EN 1865-4:2012
Oprema za postupanje s bolesnikom koja se upotrebljava u cestovnim ambulantnim vozilima – 4. dio: Sklopiva **stolica za prijenos bolesnika** (EN 1865-4:2012)
Patient handling equipment used in road ambulances – Part 4: Foldable patient transfer chair (EN 1865-4:2012)

HZN/TO 217, *Kozmetika*

- **umjesto**

- HRN ISO 10130:2012
Kozmetika – Analitičke metode – Nitrozamini: odrenivanje i kvantifikacija N-nitrozodietanolamina (NDELA) u **kozmetici** HPLC tehnikom, **postkolonksa fotoliza i derivatizacija** (ISO 10130:2009)

Cosmetics – Analytical methods – Nitrosamines: Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC, post-column photolysis and derivitisation (ISO 10130:2009)

- **treba biti**

HRN ISO 10130:2012

Kozmetika – Analitičke metode – Nitrozamini: dokazivanje i određivanje N-nitrozodietanolamina (NDELA) u kozmetičkim proizvodima HPLC tehnikom, postkolonskom fotolizom i derivatizacijom (ISO 10130:2009)

Cosmetics – Analytical methods – Nitrosamines: Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC, post-column photolysis and derivitisation (ISO 10130:2009)

HZN/TO 548, *Konstruktivski eurokodovi*

- **umjesto**

HRN EN 1996-1-2:2012/NA:2012

Eurokod 6: Projektiranje zidanih konstrukcija – Dio 1-2: Opća pravila – **Projektiranje** konstrukcija na djelovanje požara – Nacionalni dodatak
Eurocode 6: Design of masonry structures – Part 1-2: General rules – Structural fire design – National annex

- **treba biti**

HRN EN 1996-1-2:2012/NA:2012

Eurokod 6: Projektiranje zidanih konstrukcija – Dio 1-2: Opća pravila – **Proračun** konstrukcija na djelovanje požara – Nacionalni dodatak
Eurocode 6: Design of masonry structures – Part 1-2: General rules – Structural fire design – National annex

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

- **umjesto**

HRN EN 60064:2008/A11:2008

Žarulje **s volframovom žarnom niti** za uporabu u kućanstvu i sličnu **opću rasvjetnu namjenu** – Izvedbeni zahtjevi (EN 60064:1995/A11:2007)
Tungsten filament lamps for domestic and similar general lighting purposes – Performance requirements (EN 60064:1995/A11:2007)

- **treba biti**

HRN EN 60064:2008/A11:2008

Žarulje **sa žarnom niti od volframa predviđene** za uporabu u kućanstvu i sličnu **namjenu u općoj rasvjeti** – Izvedbeni zahtjevi (EN 60064:1995/A11:2007)
Tungsten filament lamps for domestic and similar general lighting purposes – Performance requirements (EN 60064:1995/A11:2007)

- **umjesto**

HRN EN 60064:2008/A5:2012

Žarulje **s volframskom žarnom niti** za uporabu u kućanstvu i sličnu **opću rasvjetnu namjenu** – Izvedbeni zahtjevi (IEC 60064:1993/am5:2009, MOD; EN 60064:1995/A5:2009)
Tungsten filament lamps for domestic and similar general lighting purposes – Performance requirements (IEC 60064:1993/am5:2009, MOD; EN 60064:1995/A5:2009)

- **treba biti**

HRN EN 60064:2008/A5:2012

Žarulje **sa žarnom niti od volframa predviđene** za uporabu u kućanstvu i sličnu **namjenu u općoj rasvjeti** – Izvedbeni zahtjevi (IEC 60064:1993/am5:2009, MOD; EN 60064:1995/A5:2009)
Tungsten filament lamps for domestic and similar general lighting purposes – Performance requirements (IEC 60064:1993/am5:2009, MOD; EN 60064:1995/A5:2009)

- **umjesto**

HRN EN 60081:2008

Fluorescentne cijevi s **dva podnoška** – Izvedbeni zahtjevi
(IEC 60081:1997+am1:2000+am2:2003+am3:2005; EN 60081:1998+A1:2002+A2:2003+A3:2005)
Double-capped fluorescent lamps – Performance specifications
(IEC 60081:1997+am1:2000+am2:2003+am3:2005; EN 60081:1998+A1:2002+A2:2003+A3:2005)

- **treba biti**

HRN EN 60081:2008

Fluorescentne cijevi s **dvama podnošcima** – Izvedbeni zahtjevi
(IEC 60081:1997+am1:2000+am2:2003+am3:2005; EN 60081:1998+A1:2002+A2:2003+A3:2005)
Double-capped fluorescent lamps – Performance specifications
(IEC 60081:1997+am1:2000+am2:2003+am3:2005; EN 60081:1998+A1:2002+A2:2003+A3:2005)

- **umjesto**

HRN EN 61347-2-7:2012

Predspojne naprave – Dio 2-7: Posebni zahtjevi predspojne naprave za rasvjetu u slučaju nužde (autonomne) koje se napajaju baterijama (IEC 61347-2-7:2011; EN 61347-2-7:2012)
Lamp controlgear – Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained) (IEC 61347-2-7:2011; EN 61347-2-7:2012)

- **treba biti**

HRN EN 61347-2-7:2012

Predspojne naprave – Dio 2-7: Posebni zahtjevi za predspojne naprave za rasvjetu u slučaju nužde (autonomnu) koje se napajaju baterijama (IEC 61347-2-7:2011; EN 61347-2-7:2012)
Lamp controlgear – Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained) (IEC 61347-2-7:2011; EN 61347-2-7:2012)

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.

HZN/TO E23, *Električni instalacijski pribor*

HRN EN 50557:2012

Zahtjevi za uređaje za automatsko zatvaranje (ARD) za osigurače i strujne zaštitne sklopke sa i bez združene nadstrujne zaštite (RCBO i RCCB) za kućanstvo i slične primjene (EN 50557:2011)
Requirements for automatic reclosing devices (ARDs) for circuit breakers-RCBOs-RCCBs for household and similar uses (EN 50557:2011)

HRN EN 60669-2-6:2012

Sklopke za kućanstvo i slične fiksne električne instalacije – Dio 2-6: Posebni zahtjevi – Sklopke za vatrogasce za vanjske i unutarnje znakove i svjetiljke (IEC 60669-2-6:2012, MOD; EN 60669-2-6:2012)
Switches for household and similar fixed electrical installations – Part 2-6: Particular requirements – Fireman's switches for exterior and interior signs and luminaires (IEC 60669-2-6:2012, MOD; EN 60669-2-6:2012)

HRN EN 62196-1:2012

Utikači, utičnice, spojevi i spojnice na vozilima – Vodljivo punjenje električnih vozila – 1. dio: Opći zahtjevi (IEC 62196-1:2011; EN 62196-1:2012)

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements (IEC 62196-1:2011; EN 62196-1:2012)

HRN EN 62196-2:2012

Utikači, utičnice, spojevi i spojnice na vozilima – Vodljivo punjenje električnih vozila – 2. dio: Zahtjevi za usklađenost dimenzija i zamjenjivost za pribor sa šiljcima i kontaktnim cjevčicama za izmjeničnu struju (IEC 62196-2:2011; EN 62196-2:2012)

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories (IEC 62196-2:2011; EN 62196-2:2012)

HRN EN 62549:2012

Zglobni i fleksibilni sustavi za vođenje kabela (IEC 62549:2011; EN 62549:2011)
Articulated systems and flexible systems for cable guiding (IEC 62549:2011; EN 62549:2011)

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

HRN EN 60061-1:2008/A34:2008

Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am34:2004; EN 60061-1:1993/A34:2004)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am34:2004; EN 60061-1:1993/A34:2004)

HRN EN 60061-1:2008/A35:2008

Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am35:2004; EN 60061-1:1993/A35:2005)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am35:2004; EN 60061-1:1993/A35:2005)

HRN EN 60061-1:2008/A36:2008

Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am36:2005; EN 60061-1:1993/A36:2005)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am36:2005; EN 60061-1:1993/A36:2005)

HRN EN 60061-1:2008/A37:2008

Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am37:2006; EN 60061-1:1993/A37:2006)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am37:2006; EN 60061-1:1993/A37:2006)

HRN EN 60061-1:2008/A38:2008

Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am38:2006; EN 60061-1:1993/A38:2007)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am38:2006; EN 60061-1:1993/A38:2007)

HRN EN 60061-1:2008/A39:2008

Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am39:2007; EN 60061-1:1993/A39:2007)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am39:2007; EN 60061-1:1993/A39:2007)

HRN EN 60598-1:2009

Svjetiljke – 1. dio: Opći zahtjevi i ispitivanja (IEC 60598-1:2008, MOD; EN 60598-1:2008)

Luminaires – Part 1: General requirements and tests (IEC 60598-1:2008, MOD; EN 60598-1:2008)

HRN EN 62031:2008

Moduli svjetlećih dioda za opću rasvjetu – Sigurnosni zahtjevi (IEC 62031:2008; EN 62031:2008)

LED modules for general lighting – Safety specifications (IEC 62031:2008; EN 62031:2008)

EN 60432-1:2000/A2:2012

Žarulje sa žarnom niti – Sigurnosni zahtjevi – 1. dio: Žarulje s volframovom niti za uporabu u kućanstvu i sličnu namjenu u općoj rasvjeti (IEC 60432-1:1999/am2:2011;

EN 60432-1:2000/A2:2012)

Incandescent lamps - Safety specifications - Part 1: Tungsten filament lamps for domestic and similar general lighting purposes (IEC 60432-1:1999/am2:2011;

EN 60432-1:2000/A2:2012)

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

HRN HD 368 S1:2008

Električni mjerni instrumenti za snimanje s izravnim djelovanjem i njihov pribor (IEC 60258:1968+am1:1976; HD 368 S1:1978)

Direct acting recording electrical measuring instruments and their accessories (IEC 60258:1968+am1:1976; HD 368 S1:1978)

HRN EN 60051-1:2008

Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 1. dio: Definicije i opći zahtjevi zajednički svim dijelovima (IEC 60051-1:1997; EN 60051-1:1998)

Direct acting indicating analogue electrical measuring instruments and their accessories – Part 1: Definitions and general requirements common to all parts (IEC 60051-1:1997; EN 60051-1:1998)

HRN EN 60051-2:2008

Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 2. dio: Posebni zahtjevi za ampermetre i voltmetre (IEC 60051-2:1984; EN 60051-2:1989)

Direct acting indicating analogue electrical measuring instruments and their accessories – Part 2: Special requirements for ammeters and voltmeters (IEC 60051-2:1984; EN 60051-2:1989)

HRN EN 60051-3:2008

Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 3. dio: Posebni zahtjevi za vatmetre i varmetre (IEC 60051-3:1984+am1:1994; EN 60051-3:1989+A1:1995)

Direct acting indicating analogue electrical measuring instruments and their accessories – Part 3: Special requirements for wattmeters and varmeters (IEC 60051-3:1984+am1:1994; EN 60051-3:1989+A1:1995)

HRN EN 60051-4:2008

Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 4. dio: Posebni zahtjevi za mjerila frekvencije (IEC 60051-4:1984; EN 60051-4:1989)

Direct acting indicating analogue electrical measuring instruments and their accessories – Part 4: Special requirements for frequency meters (IEC 60051-4:1984; EN 60051-4:1989)

- HRN EN 60051-5:2008
Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 5. dio: Posebni zahtjevi za mjerila faze, mjerila faktora snage i sinkroskope (IEC 60051-5:1985; EN 60051-5:1989)
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 5: Special requirements for phase meters, power factor meters and synchrosopes (IEC 60051-5:1985; EN 60051-5:1989)
- HRN EN 60051-6:2008
Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 6. dio: Posebni zahtjevi za ommetre (mjerila impedancije) i mjerila vodljivosti (IEC 60051-6:1984; EN 60051-6:1989)
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 6: Special requirements for ohmmeters (impedance meters) and conductance meters (IEC 60051-6:1984; EN 60051-6:1989)
- HRN EN 60051-7:2008
Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 7. dio: Posebni zahtjevi za instrumente s više funkcija (IEC 60051-7:1984; EN 60051-7:1989)
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 7: Special requirements for multi-function instruments (IEC 60051-7:1984; EN 60051-7:1989)
- HRN EN 60051-8:2008
Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 8. dio: Posebni zahtjevi za pribor (IEC 60051-8:1984; EN 60051-8:1989)
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 8: Special requirements for accessories (IEC 60051-8:1984; EN 60051-8:1989)
- HRN EN 60051-9:2008
Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 9. dio: Preporučene metode ispitivanja (IEC 60051-9:1988+am1:1994+am2:1995; EN 60051-9:1989+A1:1995+A2:1995)
Direct acting indicating analogue electrical-measuring instruments and their accessories – Part 9: Recommended test methods (IEC 60051-9:1988+am1:1994+am2:1995; EN 60051-9:1989+A1:1995+A2:1995)
- HRN EN 60477:2008
Laboratorijski otpornici za istosmjernu struju (IEC 60477:1974+am1:1997; EN 60477:1997+A1:1997)
Laboratory d.c. resistors (IEC 60477:1974+am1:1997; EN 60477:1997+A1:1997)
- HRN EN 60477-2:2008
Laboratorijski otpornici – 2. dio: Laboratorijski otpornici za izmjeničnu struju (IEC 60477-2:1979+am1:1997; EN 60477-2:1997+A1:1997)
Laboratory resistors – Part 2: Laboratory a.c. resistors (IEC 60477-2:1979+am1:1997; EN 60477-2:1997+A1:1997)
- HRN EN 60523:2008
Potenciometri za istosmjernu struju (IEC 60523:1975+am1:1979+Corr.:1980+am2:1997; EN 60523:1993+A2:1997)
Direct-current potentiometers (IEC 60523:1975+am1:1979+Corr.:1980+am2:1997; EN 60523:1993+A2:1997)
- HRN EN 60524:2008
Istosmjerni otpornički naponski djelitelji (IEC 60524:1975+am1:1981+am2:1997; EN 60524:1993+A2:1997)
Direct-current resistive volt ratio boxes (IEC 60524:1975+am1:1981+am2:1997; EN 60524:1993+A2:1997)
- HRN EN 60564:2008
Istosmjerni mostovi za mjerenje otpora (IEC 60564:1977+am1:1981+am2:1997; EN 60564:1993+A2:1997)
D.C. bridges for measuring resistance (IEC 60564:1977+am1:1981+am2:1997; EN 60564:1993+A2:1997)
- HRN EN 60618:2008
Induktivna naponska djelila (IEC 60618:1978+am1:1981+am2:1997; EN 60618:1997+A2:1997)
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- HRN EN 61028:2008
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- HRN EN 61028:2008/A1:2008
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- HRN EN 61143-1:2008
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- HRN EN 61143-2:2008
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- HRN EN 61187:2008
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- HRN EN 61557-1:2009
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- HRN EN 61557-2:2009
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- HRN EN 61557-3:2009
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- Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 3: Loop impedance (IEC 61557-3:2007; EN 61557-3:2007)
- HRN EN 61557-4:2009
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- HRN EN 61557-5:2009
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- HRN EN 61557-6:2009
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- HRN EN 61557-7:2009
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- HRN EN 61557-10:2008
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- HRN EN 61557-12:2008
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 12. dio: Izvedba uređaja za mjerenje i nadzor (PMD) (IEC 61557-12:2007; EN 61557-12:2008)
- Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 12: Performance measuring and monitoring devices (PMD) (IEC 61557-12:2007; EN 61557-12:2008)
- HZN/TO E100, Audio, video i multimedijski sustavi te njihova oprema**
- HRN HD 549 S1:2008
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- HZN/TU U1, Opća elektrotehnika 1**
- HRN EN 50445:2008
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- HRN EN 60127-1:2009
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- HRN EN 60127-4:2009
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- HRN EN 60127-4:2009/A1:2010
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- HRN EN 60446:2009
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- HRN EN 60664-1:2009
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- HRN EN 60664-3:2008
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- Insulation coordination for equipment within low-voltage systems – Part 3: Use of coating, potting or moulding for protection against pollution (IEC 60664-3:2003; EN 60664-3:2003)
- HRN EN 60664-3:2008/A1:2011
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- HRN EN 60664-4:2008
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- HRN EN 60664-5:2009
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- HRN EN 60695-1-1:2008
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- HRN EN 60695-2-10:2008
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- HRN EN 60695-2-11:2008
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- HRN EN 60695-2-13:2008
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- Fire hazard testing – Part 2-13: Glow-wire based test methods – Glow-wire ignitability test method for materials (IEC 60695-2-13:2000; EN 60695-2-13:2001)
- HRN EN 60695-10-2:2008
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- HRN EN 60695-10-3:2008
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- HRN EN 60695-11-10:2008
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- HRN EN 60695-11-20:2008
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- HRN EN 60695-11-2:2008
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- HRN EN 60695-11-5:2008
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- HRN EN 60974-1:2008
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- HRN EN 60974-2:2009
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- HRN EN 60974-3:2009
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- HRN EN 60974-5:2009
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- HRN EN 60974-6:2008
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- HRN EN 60974-6:2011
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- HRN EN 60974-7:2008
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- HRN EN 60974-8:2009
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- HRN EN 60974-11:2008
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- HRN EN 60974-11:2011
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- HRN EN 60974-12:2008
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- HRN EN 61293:2008
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- HRN EN 62135-1:2009
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- HZNTU V1, Elektronika 1**
- HRN EN 50289-1-3:2008
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- HRN EN 50289-1-4:2008
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- HRN EN 50290-2-1:2008
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- HRN EN 50290-2-21:2008
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- HRN EN 50290-2-22:2008
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- HRN EN 50290-2-23:2008
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- HRN EN 50290-2-25:2008
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- HRN EN 50290-2-29:2008
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- HRN EN 50290-2-30:2008
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- HRN EN 50290-4-1:2008
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- HRN EN 50406-1:2008
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- HRN EN 50406-2:2008
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- HRN EN 50407-1:2008
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- HRN EN 50117-1:2008
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- HRN EN 50117-2-1:2008
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- Coaxial cables – Part 2-1: Sectional specification for cables used in cabled distribution networks – Indoor drop cables for systems operating at 5 MHz – 1000 MHz (EN 50117-2-1:2005+A1:2008)
- HRN EN 50117-2-2:2008
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- HRN EN 50117-2-3:2008
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- HRN EN 50117-2-4:2008
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- HRN EN 50117-2-5:2008
Koaksijalni kabeli – Dio 2-5: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabeli na otvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz (EN 50117-2-5:2004+A1:2008)
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- HRN EN 50117-3-1:2008
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- HRN EN 50117-4-1:2008
Koaksijalni kabeli – Dio 4-1: Sekcijska specifikacija za kabele za BCT kabliranje u skladu s EN 50173 – Viseći kabeli u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz (EN 50117-4-1:2008)
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- HRN EN 50288-1:2008
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- HRN EN 50288-2-1:2008
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- HRN EN 50288-2-2:2008
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- HRN EN 50288-3-1:2008
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- HRN EN 50288-3-2:2008
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- HRN EN 50288-4-1:2008
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- HRN EN 50288-4-2:2008
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Multi-element metallic cables used in analogue and digital communication and control – Part 4-2: Sectional specification for screened cables characterised up to 600 MHz – Work area and patch cord cables (EN 50288-4-2:2003)
- HRN EN 50288-5-1:2008
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- HRN EN 50288-5-2:2008
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- HRN EN 50288-6-1:2008
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- HRN EN 50288-6-2:2008
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- HRN EN 50288-7:2008
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- HRN EN 50441-1:2008
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- HRN EN 50441-1:2012
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- HRN EN 50441-2:2008
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- HRN EN 50441-2:2012
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- Cables for indoor residential telecommunication installations – Part 2: Screened cables – Grade 2 (EN 50441-2:2012)
- HRN EN 50441-3:2008
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- HRN EN 50441-4:2012
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- HRN EN 61730-1:2008
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- HRN EN 61730-2:2008
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- HRN EN 62109-1:2011
Sigurnost energetske pretvarača za uporabu u fotonaponskim energetskim sustavima – 1. dio: Opći zahtjevi (IEC 62109-1:2010; EN 62109-1:2010)
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- HRN EN 50491-4-1:2012
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- HRN EN 50090-2-2:2008/A1:2008
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- HRN EN 50090-2-2:2008/A2:2008
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- HRN EN 50065-4-2:2008
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- HRN EN 50065-4-7:2008
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- HRN HD 597 S1:2008
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- HRN EN 50156-1:2008
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- HRN EN 60110-1:2008
Energetski kondenzatori za instalacije indukcijskog grijanja – 1. dio: Općenito (IEC 60110-1:1998; EN 60110-1:1998)
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- HRN EN 60143-2:2008
Serijski kondenzatori za energetske sustave – 2. dio: Zaštitna oprema za baterije serijskih kondenzatora (IEC 60143-2:1994; EN 60143-2:1994)
Series capacitors for power systems – Part 2: Protective equipment for series capacitor banks (IEC 60143-2:1994; EN 60143-2:1994)
- HRN EN 60252-1:2008
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AC motor capacitors – Part 1: General – Performance, testing and rating – Safety requirements – Guide for installation and operation (IEC 60252-1:2001; EN 60252-1:2001)
- HRN EN 60252-1:2012
Kondenzatori za izmjenične motore – 1. dio: Općenito – Značajke, ispitivanja i ocjenjivanje – Zahtjevi za sigurnost – Vodič za instaliranje i rad (IEC 60252-1:2010; EN 60252-1:2011)
AC motor capacitors – Part 1: General – Performance, testing and rating – Safety requirements – Guidance for installation and operation (IEC 60252-1:2010; EN 60252-1:2011)
- HRN EN 60252-2:2008
Kondenzatori za izmjenične motore – 2. dio: Kondenzatori za pokretanje motora (IEC 60252-2:2003; EN 60252-2:2003)
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- HRN EN 60252-2:2012
Kondenzatori za izmjenične motore – 2. dio: Kondenzatori za pokretanje motora (IEC 60252-2:2010; EN 60252-2:2011)
AC motor capacitors – Part 2: Motor start capacitors (IEC 60252-2:2010; EN 60252-2:2011)

- HRN EN 60519-1:2008
Sigurnost u instalacijama električnoga grijanja – 1. dio: Opći zahtjevi (IEC 60519-1:2003; EN 60519-1:2003)
Safety in electroheat installations – Part 1: General requirements (IEC 60519-1:2003; EN 60519-1:2003)
- HRN EN 60519-1:2011
Sigurnost u instalacijama električnoga grijanja – 1. dio: Opći zahtjevi (IEC 60519-1:2010; EN 60519-1:2011)
Safety in electroheating installations – Part 1: General requirements (IEC 60519-1:2010; EN 60519-1:2011)
- HRN EN 60519-2:2009
Sigurnost u instalacijama električnoga grijanja – 2. dio: Posebni zahtjevi za sustave otpornoga grijanja (IEC 60519-2:2006; EN 60519-2:2006)
Safety in electroheat installations – Part 2: Particular requirements for resistance heating equipment (IEC 60519-2:2006; EN 60519-2:2006)
- HRN EN 60519-3:2008
Sigurnost u instalacijama električnoga grijanja – 3. dio: Posebni zahtjevi za indukcijско i kondukcijsko grijanje i instalacije za indukcijско taljenje (IEC 60519-3:2005; EN 60519-3:2005)
Safety in electroheat installations – Part 3: Particular requirements for induction and conduction heating and induction melting installations (IEC 60519-3:2005; EN 60519-3:2005)
- HRN EN 60519-4:2009
Sigurnost u instalacijama električnoga grijanja – 4. dio: Posebni zahtjevi za instalacije za elektrolučne peći (IEC 60519-4:2006; EN 60519-4:2006)
Safety in electroheat installations – Part 4: Particular requirements for arc furnace installations (IEC 60519-4:2006; EN 60519-4:2006)
- HRN EN 60519-6:2008
Sigurnost u instalacijama električnoga grijanja – 6. dio: Specifikacije za sigurnost industrijske opreme za mikrovalno zagrijavanje (IEC 60519-6:2002; EN 60519-6:2002)
Safety in electroheat installations – Part 6: Specifications for safety in industrial microwave heating equipment (IEC 60519-6:2002; EN 60519-6:2002)
- HRN EN 60519-6:2012
Sigurnost u instalacijama električnoga grijanja – 6. dio: Specifikacije za sigurnost industrijske opreme za mikrovalno zagrijavanje (IEC 60519-6:2011; EN 60519-6:2011)
Safety in electroheat installations – Part 6: Specifications for safety in industrial microwave heating equipment (IEC 60519-6:2011; EN 60519-6:2011)
- HRN EN 60519-7:2011
Sigurnost u instalacijama električnoga grijanja – 7. dio: Posebni zahtjevi za instalacije s elektronskim topovima (IEC 60519-7:2008; EN 60519-7:2008)
Safety in electroheat installations – Part 7: Particular requirements for installations with electron guns (IEC 60519-7:2008; EN 60519-7:2008)
- HRN EN 60519-8:2008
Sigurnost u instalacijama električnoga grijanja – 8. dio: Posebni zahtjevi za električne peći za pretalijavanje (IEC 60519-8:2005; EN 60519-8:2005)
Safety in electroheat installations – Part 8: Particular requirements for electroslag remelting furnaces (IEC 60519-8:2005; EN 60519-8:2005)
- HRN EN 60519-9:2009
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- HRN EN 60519-10:2008
Sigurnost u instalacijama električnoga grijanja – 10. dio: Posebni zahtjevi za sustave grijanja elektrootpornom trakom za industrijske i komercijalne primjene (IEC 60519-10:2005; EN 60519-10:2005)
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- HRN EN 60519-21:2011
Sigurnost u instalacijama električnoga grijanja – 21. dio: Posebni zahtjevi za opremu za elektrootporno grijanje – Oprema za grijanje i taljenje stakla (IEC 60519-21:2008; EN 60519-21:2009)
Safety in electroheat installations – Part 21: Particular requirements for resistance heating equipment – Heating and melting glass equipment (IEC 60519-21:2008; EN 60519-21:2009)
- HRN EN 60831-1:2008
Paralelni energetske kondenzatori samoobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1 kV – 1. dio: Općenito – Značajke, ispitivanja i ocjenjivanje – Zahtjevi za sigurnost – Vodič za instaliranje i rad (IEC 60831-1:1996+am1:2002; EN 60831-1:1996+A1:2003)
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- HRN EN 60831-2:2008
Paralelni energetske kondenzatori samoobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1000 V – 2. dio: Ispitivanje umjetnim starenjem, ispitivanje samoobnovljivosti i ispitivanje razaranjem (IEC 60831-2:1995; EN 60831-2:1996)
Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1000 V – Part 2: Ageing test, self-healing test and destruction test (IEC 60831-2:1995; EN 60831-2:1996)
- HRN EN 60931-1:2008
Paralelni energetske kondenzatori neobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1 kV – 1. dio: Općenito – Značajke, ispitivanja i ocjenjivanje – Zahtjevi za sigurnost – Vodič za instaliranje i rad (IEC 60931-1:1996+am1:2002; EN 60931-1:1996+A1:2003)
Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV – Part 1: General – Performance, testing and rating – Safety requirements – Guide for installation and operation (IEC 60931-1:1996+am1:2002; EN 60931-1:1996+A1:2003)
- HRN EN 60931-2:2008
Paralelni energetske kondenzatori neobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1 kV – 2. dio: Ispitivanje umjetnim starenjem i ispitivanje razaranjem (IEC 60931-2:1995; EN 60931-2:1996)
Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV – Part 2: Ageing test and destruction test (IEC 60931-2:1995; EN 60931-2:1996)
- HRN EN 60931-3:2008
Paralelni energetske kondenzatori neobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1 kV – 3. dio: Unutarnji osigurači (IEC 60931-3:1996; EN 60931-3:1996)
Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV – Part 3: Internal fuses (IEC 60931-3:1996; EN 60931-3:1996)

- HRN EN 61029-2-6:2012
Sigurnost prijenosnih elektromotornih alata – Dio 2-6: Posebni zahtjevi za dijamentne bušilice s dovodom vode (IEC 61029-2-6:1993, MOD; EN 61029-2-6:2010)
Safety of transportable motor-operated electric tools – Part 2-6: Particular requirements for diamond drills with water supply (IEC 61029-2-6:1993, MOD; EN 61029-2-6:2010)
- HRN EN 61029-2-10:2012
Sigurnost prijenosnih elektromotornih alata – Dio 2-10: Posebni zahtjevi za odrezne brusilice (IEC 61029-2-10:1998, MOD; EN 61029-2-10:2010)
Safety of transportable motor-operated electric tools – Part 2-10: Particular requirements for cutting-off grinders (IEC 61029-2-10:1998, MOD; EN 61029-2-10:2010)
- HRN EN 61071:2008
Kondenzatori za energetske elektrone (IEC 61071:2007; EN 61071:2007)
Capacitors for power electronics (IEC 61071:2007; EN 61071:2007)
- HRN EN 61270-1:2008
Kondenzatori za mikrovalne pećnice – 1. dio: Općenito (IEC 61270-1:1996; EN 61270-1:1996)
Capacitors for microwave ovens – Part 1: General (IEC 61270-1:1996; EN 61270-1:1996)
- HRN EN 61558-1:2008
Sigurnost energetskih transformatora, jedinica za napajanje i slično – 1. dio: Opći zahtjevi i ispitivanja (IEC 61558-1:1997, MOD+am1:1998; EN 61558-1:1997+A1:1998)
Safety of power transformers, power supply units and similar – Part 1: General requirements and tests (IEC 61558-1:1997, MOD+am1:1998; EN 61558-1:1997+A1:1998)
- HRN EN 61558-1:2008/A11:2008
Sigurnost energetskih transformatora, jedinica za napajanje i slično – 1. dio: Opći zahtjevi i ispitivanja (EN 61558-1:1997/A11:2003)
Safety of power transformers, power supply units and similar – Part 1: General requirements and tests (EN 61558-1:1997/A11:2003)
- HRN EN 61558-2-1:2009
Sigurnost energetskih transformatora, izvora napajanja, prigušnica i sličnih proizvoda – Dio 2-1: Posebni zahtjevi i ispitivanja za odvojne transformatore i izvore napajanja s ugrađenim odvojnim transformatorima za opće primjene (IEC 61558-2-1:2007; EN 61558-2-1:2007)
Safety of power transformers, power supplies, reactors and similar products – Part 2-1: Particular requirements and tests for separating transformers and power supplies incorporating separating transformers for general applications (IEC 61558-2-1:2007; EN 61558-2-1:2007)
- HRN EN 61558-2-12:2008
Sigurnost energetskih transformatora, jedinica za napajanje i sličnih uređaja – Dio 2-12: Posebni zahtjevi za transformatore stalnog napona (IEC 61558-2-12:2001; EN 61558-2-12:2001)
Safety of power transformers, power supply units and similar devices – Part 2-12: Particular requirements for constant voltage transformers (IEC 61558-2-12:2001; EN 61558-2-12:2001)
- HRN EN 61558-2-12:2012
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-12: Posebni zahtjevi i ispitivanja za transformatore stalnog napona i jedinice za napajanje za stalni napon (IEC 61558-2-12:2011; EN 61558-2-12:2011)
- Safety of transformers, reactors, power supply units and combinations thereof – Part 2-12: Particular requirements and tests for constant voltage transformers and power supply units for constant voltage (IEC 61558-2-12:2011; EN 61558-2-12:2011)
- HRN EN 61558-2-13:2011
Sigurnost transformatora, prigušnica, jedinica za napajanje i sličnih proizvoda za napone napajanja do 1100 V – Dio 2-13: Posebni zahtjevi i ispitivanja za autotransformatore i jedinice za napajanje s ugrađenim autotransformatorima (IEC 61558-2-13:2009; EN 61558-2-13:2009)
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-13: Particular requirements and tests for auto transformers and power supply units incorporating auto transformers (IEC 61558-2-13:2009; EN 61558-2-13:2009)
- HRN EN 61558-2-15:2008
Sigurnost energetskih transformatora, jedinica za napajanje i slično – Dio 2-15: Posebni zahtjevi za izolirajuće transformatore za opskrbu medicinskih lokacija (IEC 61558-2-15:1999, MOD; EN 61558-2-15:2001)
Safety of power transformers, power supply units and similar – Part 2-15: Particular requirements for isolating transformers for the supply of medical locations (IEC 61558-2-15:1999, MOD; EN 61558-2-15:2001)
- HRN EN 61558-2-16:2011
Sigurnost transformatora, prigušnica, jedinica za napajanje i sličnih proizvoda za napone napajanja do 1100 V – Dio 2-16: Posebni zahtjevi i ispitivanja za prekidačke pretvarače za napajanje i transformatore za prekidačke pretvarače za napajanje (IEC 61558-2-16:2009; EN 61558-2-16:2009)
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16:2009; EN 61558-2-16:2009)
- HRN EN 61558-2-17:2008
Sigurnost energetskih transformatora, jedinica za napajanje i slično – Dio 2-17: Posebni zahtjevi za transformatore za prekidačke pretvarače za napajanje (IEC 61558-2-17:1997; EN 61558-2-17:1997)
Safety of power transformers, power supply units and similar – Part 2-17: Particular requirements for transformers for switch mode power supplies (IEC 61558-2-17:1997; EN 61558-2-17:1997)
- HRN EN 61558-2-20:2008
Sigurnost energetskih transformatora, jedinica za napajanje i sličnih uređaja – Dio 2-20: Posebni zahtjevi za male prigušnice (IEC 61558-2-20:2000; EN 61558-2-20:2000)
Safety of power transformers, power supply units and similar devices – Part 2-20: Particular requirements for small reactors (IEC 61558-2-20:2000; EN 61558-2-20:2000)
- HRN EN 61558-2-20:2012
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-20: Posebni zahtjevi i ispitivanja za male prigušnice (IEC 61558-2-20:2010; EN 61558-2-20:2011)
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-20: Particular requirements and tests for small reactors (IEC 61558-2-20:2010; EN 61558-2-20:2011)

- HRN EN 61558-2-2:2009
Sigurnost energetskih transformatora, jedinica za napajanje, prigušnica i sličnih proizvoda – Dio 2-2: Posebni zahtjevi i ispitivanja za transformatore za upravljačke krugove i izvore napajanja s ugrađenim transformatorima za upravljačke krugove (IEC 61558-2-2:2007; EN 61558-2-2:2007)
Safety of power transformers, power supplies, reactors and similar products – Part 2-2: Particular requirements and tests for control transformers and power supplies incorporating control transformers (IEC 61558-2-2:2007; EN 61558-2-2:2007)
- HRN EN 61558-2-23:2008
Sigurnost energetskih transformatora, jedinica za napajanje i sličnih uređaja – Dio 2-23: Posebni zahtjevi za transformatore za gradilišta (IEC 61558-2-23:2000; EN 61558-2-23:2000)
Safety of power transformers, power supply units and similar devices – Part 2-23: Particular requirements for transformers for construction sites (IEC 61558-2-23:2000; EN 61558-2-23:2000)
- HRN EN 61558-2-23:2011
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-23: Posebni zahtjevi i ispitivanja za transformatore i jedinice za napajanje za gradilišta (IEC 61558-2-23:2010; EN 61558-2-23:2010)
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-23: Particular requirements and tests for transformers and power supply units for construction sites (IEC 61558-2-23:2010; EN 61558-2-23:2010)
- HRN EN 61558-2-3:2008
Sigurnost energetskih transformatora, jedinica za napajanje i sličnih uređaja – Dio 2-3: Posebni zahtjevi za transformatore za paljenje za plinske i uljne plamenike (IEC 61558-2-3:1999; EN 61558-2-3:2000)
Safety of power transformers, power supply units and similar devices – Part 2-3: Particular requirements for ignition transformers for gas and oil burners (IEC 61558-2-3:1999; EN 61558-2-3:2000)
- HRN EN 61558-2-3:2011
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-3: Posebni zahtjevi i ispitivanja za transformatore za paljenje za plinske i uljne plamenike (IEC 61558-2-3:2010; EN 61558-2-3:2010)
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners (IEC 61558-2-3:2010; EN 61558-2-3:2010)
- HRN EN 61558-2-4:2011
Sigurnost transformatora, prigušnica, jedinica za napajanje i sličnih proizvoda za opskrbne napone do 1100 V – Dio 2-4: Posebni zahtjevi i ispitivanja za izolirajuće transformatore i jedinice za napajanje s ugrađenim izolirajućim transformatorima (IEC 61558-2-4:2009; EN 61558-2-4:2009)
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers (IEC 61558-2-4:2009; EN 61558-2-4:2009)
- HRN EN 61558-2-5:2008
Sigurnost energetskih transformatora, jedinica za napajanje i slično – Dio 2-5: Posebni zahtjevi za transformatore za aparate za brijanje i jedinice za napajanje aparata za brijanje (IEC 61558-2-5:1997; EN 61558-2-5:1998+A11:2004)
Safety of power transformers, power supply units and similar – Part 2-5: Particular requirements for shaver transformers and shaver supply units (IEC 61558-2-5:1997; EN 61558-2-5:1998+A11:2004)
- HRN EN 61558-2-5:2011
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-5: Posebni zahtjevi i ispitivanja za transformatore za aparate za brijanje, jedinice za napajanje za aparate za brijanje i aparate za brijanje s jedinicama za napajanje (IEC 61558-2-5:2010; EN 61558-2-5:2010)
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-5: Particular requirements and tests for transformer for shavers, power supply units for shavers and shaver supply units (IEC 61558-2-5:2010; EN 61558-2-5:2010)
- HRN EN 61558-2-6:2008
Sigurnost energetskih transformatora, jedinica za napajanje i slično – Dio 2-6: Posebni zahtjevi za sigurnosne izolirajuće transformatore za opću uporabu (IEC 61558-2-6:1997; EN 61558-2-6:1997)
Safety of power transformers, power supply units and similar – Part 2-6: Particular requirements for safety isolating transformers for general use (IEC 61558-2-6:1997; EN 61558-2-6:1997)
- HRN EN 61558-2-6:2011
Sigurnost transformatora, prigušnica, jedinica za napajanje i sličnih proizvoda za opskrbne napone do 1100 V – Dio 2-6: Posebni zahtjevi i ispitivanja za sigurnosne izolirajuće transformatore i jedinice za napajanje s ugrađenim izolirajućim transformatorima (IEC 61558-2-6:2009; EN 61558-2-6:2009)
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers (IEC 61558-2-6:2009; EN 61558-2-6:2009)
- HRN EN 61558-2-7:2009
Sigurnost energetskih transformatora, jedinica za napajanje, prigušnica i sličnih proizvoda – Dio 2-7: Posebni zahtjevi i ispitivanja za transformatore i uređaje za napajanje za igračke (IEC 61558-2-7:2007, MOD; EN 61558-2-7:2007)
Safety of power transformers, power supplies, reactors and similar products – Part 2-7: Particular requirements and tests for transformers and power supplies for toys (IEC 61558-2-7:2007, MOD; EN 61558-2-7:2007)
- HRN EN 61558-2-8:2008
Sigurnost energetskih transformatora, jedinica za napajanje i slično – Dio 2-8: Posebni zahtjevi za transformatore za zvona i crkvena zvona (IEC 61558-2-8:1998; EN 61558-2-8:1998)
Safety of power transformers, power supply units and similar – Part 2-8: Particular requirements for bell and chime transformers (IEC 61558-2-8:1998; EN 61558-2-8:1998)
- HRN EN 61558-2-8:2011
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-8: Posebni zahtjevi i ispitivanja za transformatore i jedinice za napajanje za zvona i crkvena zvona (IEC 61558-2-8:2010; EN 61558-2-8:2010)
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes (IEC 61558-2-8:2010; EN 61558-2-8:2010)
- HRN EN 61558-2-9:2008
Sigurnost energetskih transformatora, jedinica za napajanje i sličnih proizvoda – Dio 2-9: Posebni zahtjevi za transformatore za ručne svjetiljke razreda III za žarulje s nitima od volframa (IEC 61558-2-9:2002; EN 61558-2-9:2003)

- Safety of power transformers, power supply units and similar products – Part 2-9: Particular requirements for transformers for class III handlamps for tungsten filament lamps (IEC 61558-2-9:2002; EN 61558-2-9:2003)
- HRN EN 61558-2-9:2012
Sigurnost transformatora, jedinica za napajanje i kombinacija od toga – Dio 2-9: Posebni zahtjevi i ispitivanja za transformatore i jedinice za napajanje za ručne svjetiljke razreda III za žarulje s nitima od volframa (IEC 61558-2-9:2010; EN 61558-2-9:2011)
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-9: Particular requirements and tests for transformers and power supply units for class III handlamps for tungsten filament lamps (IEC 61558-2-9:2010; EN 61558-2-9:2011)
- HRN EN 61812-1:2008
Specifični vremenski releji za industrijsku primjenu – 1. dio: Zahtjevi i ispitivanja (IEC 61812-1:1996; EN 61812-1:1996+A11:1999)
Specified time relays for industrial use – Part 1: Requirements and tests (IEC 61812-1:1996; EN 61812-1:1996+A11:1999)
- HRN EN 61921:2008
Energetski kondenzatori – Slogovi za korekciju faktora snage niskog napona (IEC 61921:2003; EN 61921:2003)
Power capacitors – Low-voltage power factor correction banks (IEC 61921:2003; EN 61921:2003)
- HRN EN 62282-3-100:2012
Tehnologija gorivih ćelija – Dio 3-100: Energetski sustavi stacionarnih gorivih ćelija – Sigurnost (IEC 62282-3-100:2012; EN 62282-3-100:2012)
Fuel cell technologies – Part 3-100: Stationary fuel cell power systems – Safety (IEC 62282-3-100:2012; EN 62282-3-100:2012)
- HRN EN 62282-3-1:2008
Tehnologija gorivih ćelija – Dio 3-1: Energetski sustavi stacionarnih gorivih ćelija – Sigurnost (IEC 62282-3-1:2007; EN 62282-3-1:2007)
Fuel cell technologies – Part 3-1: Stationary fuel cell power systems – Safety (IEC 62282-3-1:2007; EN 62282-3-1:2007)
- HRN EN 62282-3-3:2008
Tehnologija gorivih ćelija – Dio 3-3: Energetski sustavi stacionarnih gorivih ćelija – Montaža (IEC 62282-3-3:2007; EN 62282-3-3:2008)
Fuel cell technologies – Part 3-3: Stationary fuel cell power systems – Installation (IEC 62282-3-3:2007; EN 62282-3-3:2008)
- HRN EN 62395-1:2008
Sustavi grijanja elektrootpornom trakom za industrijske i komercijalne primjene – 1. dio: Općenito i zahtjevi ispitivanja (IEC 62395-1:2006; EN 62395-1:2006)
Electrical resistance trace heating systems for industrial and commercial applications – Part 1: General and testing requirements (IEC 62395-1:2006; EN 62395-1:2006)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Međunarodna normizacija ISO

- ISO 10241-2:2012
Terminological entries in standards – Part 2: Adoption of standardized terminological entries
- ISO 24616:2012
Language resources management – Multilingual information framework
- ISO 24617-2:2012
Language resource management – Semantic annotation framework (SemAF) – Part 2: Dialogue acts
- ISO 26162:2012
Systems to manage terminology, knowledge and content – Design, implementation and maintenance of terminology management systems

01.040.13 Okoliš. Zaštita zdravlja. Sigurnost (Rječnici)

Europska normizacija CENELEC

- EN 60695-4:2012
Fire hazard testing – Part 4: Terminology concerning fire tests for electrotechnical products (IEC 60695-4:2012)

01.040.11 Tehnologija zdravstvene zaštite (Rječnici)

Međunarodna normizacija ISO

- ISO 11979-1:2012
Ophthalmic implants – Intraocular lenses – Part 1: Vocabulary

01.040.17 Mjeriteljstvo i mjerenje. Fizikalne pojave (Rječnici)

Međunarodna normizacija ISO

- ISO 13372:2012
Condition monitoring and diagnostics of machines – Vocabulary

01.040.29 Elektrotehnika (Rječnici)

Europska normizacija CENELEC

- EN 60695-4:2012
Fire hazard testing – Part 4: Terminology concerning fire tests for electrotechnical products (IEC 60695-4:2012)

01.040.39 Precizna mehanika. Nakit (Rječnici)

Međunarodna normizacija ISO

- ISO 6426-2:2002/Amd 1:2012
Horological vocabulary – Part 2: Technical and commercial definitions

01.040.53 Oprema za rukovanje materijalima (Rječnici)

Europska normizacija CEN

- EN ISO 6165:2012
Earth-moving machinery – Basic types – Identification and terms and definitions (ISO 6165:2012)

Međunarodna normizacija ISO

- ISO 4306-2:2012
Cranes – Vocabulary – Part 2: Mobile cranes
- ISO 6165:2012
Earth-moving machinery – Basic types – Identification and terms and definitions

01.040.71 Kemijska tehnologija (Rječnici)

Europska normizacija CEN

- EN 16256-1:2012
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 1: Terminology

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Međunarodna normizacija ISO

- ISO 15688:2012
Road construction and maintenance equipment – Soil stabilizers – Terminology and commercial specifications

01.070 Kodiranje bojama

Međunarodna normizacija ISO

- ISO 8843:2005/Amd 1:2012
Aircraft – Crimp-removable contacts for electrical connectors – Identification system

01.080.20 Grafički simboli za upotrebu na posebnoj opremi

Međunarodna normizacija ISO

- ISO 4129:2012
Road vehicles – Mopeds – Symbols for controls, indicators and tell-tales
- ISO 6727:2012
Road vehicles – Motorcycles – Symbols for controls, indicators and tell-tales

01.080.30 Grafički simboli za upotrebu u strojarskim i građevnim crtežima, shemama, planovima, zemljovidima i u odgovarajućoj tehničkoj dokumentaciji o proizvodima

**Međunarodna normizacija
ISO**

- ISO 1219-2:2012
Fluid power systems and components – Graphical symbols and circuit diagrams – Part 2: Circuit diagrams
- ISO 12671:2012
Thermal spraying – Thermally sprayed coatings – Symbolic representation on drawings

01.100.20 Crteži u strojarstvu

**Međunarodna normizacija
ISO**

- ISO 13444:2012
Technical product documentation (TPD) – Dimensioning and indication of knurling

**01.110 Tehnička dokumentacija o
proizvodu**

**Međunarodna normizacija
ISO**

- IEC 82079-1:2012
Preparation of instructions for use – Structuring, content and presentation – Part 1: General principles and detailed requirements

IEC

- IEC 82079-1:2012
Preparation of instructions for use – Structuring, content and presentation – Part 1: General principles and detailed requirements

01.120 Normizacija. Opća pravila

**Europska normizacija
CEN**

- CEN/TR 16388:2012
Gas-Specific Environmental Document – Guideline for incorporating within standards to minimize the environmental impact of gas infrastructure across the whole life cycle

CENELEC

- CENELEC Guide 1:2012
Survey of Resolutions of the CENELEC General Assembly

**Međunarodna normizacija
ISO**

- ISO 10241-2:2012
Terminological entries in standards – Part 2: Adoption of standardized terminological entries

03.080.99 Ostale usluge

**Međunarodna normizacija
ISO**

- ISO/IEC 20000-3:2012
Information technology – Service management – Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1

03.100.10 Nabava. Opskrba. Logistika

**Europska normizacija
CEN**

- CEN/TR 16412:2012
Supply chain security (SCS) – Good practice guide for small and medium sized operators

03.100.40 Istraživanje i razvoj

**Međunarodna normizacija
ISO**

- ISO 21500:2012
Guidance on project management

**03.120.10 Upravljanje kvalitetom i
osiguravanje kvalitete**

**Europska normizacija
CENELEC**

- EN 62628:2012
Guidance on software aspects of dependability (IEC 62628:2012)

**Međunarodna normizacija
ISO**

- ISO 10004:2012
Quality management – Customer satisfaction – Guidelines for monitoring and measuring
- ISO 10018:2012
Quality management – Guidelines on people involvement and competence

IEC

- IEC 62628:2012
Guidance on software aspects of dependability

**03.120.20 Certificiranje proizvoda i tvrtki.
Ocjenjivanje sukladnosti**

**Europska normizacija
CEN**

- EN ISO/IEC 17065:2012
Conformity assessment – Requirements for bodies certifying products, processes and services (ISO/IEC 17065:2012)

**Međunarodna normizacija
ISO**

- ISO/IEC 17065:2012
Conformity assessment – Requirements for bodies certifying products, processes and services

03.120.30 Primjena statističkih metoda

Međunarodna normizacija

ISO

ISO/TR 13519:2012

Guidance on the development and use of ISO statistical publications supported by software

ISO 22514-7:2012

Statistical methods in process management – Capability and performance – Part 7: Capability of measurement processes

03.220.01 Prijevoz općenito

Međunarodna normizacija

ISO

ISO/TR 25100:2012

Intelligent transport systems – Systems architecture – Harmonization of ITS data concepts

07.030 Fizika. Kemija

Europska normizacija

CEN

CEN ISO/TR 11811:2012

Nanotechnologies – Guidance on methods for nano- and microtribology measurements (ISO/TR 11811:2012)

Međunarodna normizacija

ISO

ISO/TR 11811:2012

Nanotechnologies – Guidance on methods for nano- and microtribology measurements

07.060 Geologija. Meteorologija. Hidrologija

Međunarodna normizacija

IEC

IEC/TR 62130:2012

Climatic field data including validation

11.040.01 Medicinska oprema općenito

Međunarodna normizacija

IEC

IEC 60601-1 Edition 3.1:2012

Medical electrical equipment – Part 1: General requirements for basic safety and essential performance

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija

ISO

ISO 5361:2012

Anaesthetic and respiratory equipment – Tracheal tubes and connectors

11.040.25 Šprice. Igle. Kateteri

Međunarodna normizacija

ISO

ISO 11608-3:2012

Needle-based injection systems for medical use – Requirements and test methods – Part 3: Finished containers

ISO 11608-5:2012

Needle-based injection systems for medical use – Requirements and test methods – Part 5: Automated functions

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija

ISO

ISO 14708-2:2012

Implants for surgery – Active implantable medical devices – Part 2: Cardiac pacemakers

11.040.50 Radiografijska oprema

Međunarodna normizacija

IEC

IEC 60601-2-44:2009/am1:2012

Amendment 1 – Medical electrical equipment – Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography

IEC 60601-2-44 Edition 3.1:2012

Medical electrical equipment – Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography

IEC 60601-2-63:2012

Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment

IEC 60601-2-65:2012

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

11.040.70 Oftalmološka oprema

Međunarodna normizacija

ISO

ISO 11979-1:2012

Ophthalmic implants – Intraocular lenses – Part 1: Vocabulary

ISO 11979-4:2008/Amd 1:2012

Ophthalmic implants – Intraocular lenses – Part 4: Labelling and information

11.040.99 Ostala medicinska oprema

Europska normizacija

CEN

EN ISO 23907:2012

Sharps injury protection – Requirements and test methods – Sharps containers (ISO 23907:2012)

11.060.20 Stomatološka oprema

Međunarodna normizacija

IEC

IEC 60601-2-63:2012

Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment

IEC 60601-2-65:2012

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

11.060.25 Stomatološki instrumenti

Europska normizacija

CEN

EN ISO 14457:2012

Dentistry – Handpieces and motors (ISO 14457:2012)

EN ISO 21672-2:2012

Dentistry – Periodontal probes – Part 2: Designation (ISO 21672-2:2012)

Međunarodna normizacija

ISO

ISO 13397-2:2005/Amd 1:2012

Dentistry – Periodontal curettes, dental scalers and excavators – Part 2: Periodontal curettes of Gr-type – Amendment 1: Colour coding

ISO 14457:2012

Dentistry – Handpieces and motors

ISO 21672-2:2012

Dentistry – Periodontal probes – Part 2: Designation

11.180.99 Ostale norme koje se odnose na pomagala za osobe s invaliditetom

Međunarodna normizacija

ISO

ISO/IEC TR 13066:2012

Information technology – Interoperability with assistive technology (AT) – Part 3: IAccessible2 accessibility application programming interface (API)

13.020.99 Ostale norme koje se odnose na zaštitu okoliša

Međunarodna normizacija

IEC

IEC 62075:2012

Audio/video, information and communication technology equipment – Environmentally conscious design

13.030.01 Otpad općenito

Europska normizacija

CEN

EN 15933:2012

Sludge, treated biowaste and soil – Determination of pH

EN 15934:2012

Sludge, treated biowaste, soil and waste – Calculation of dry matter fraction after determination of dry residue or water content

EN 15935:2012

Sludge, treated biowaste, soil and waste – Determination of loss on ignition

EN 15936:2012

Sludge, treated biowaste, soil and waste – Determination of total organic carbon (TOC) by dry combustion

EN 16166:2012

Sludge, treated biowaste and soil – Determination of adsorbable organically bound halogens (AOX)

EN 16167:2012

Sludge, treated biowaste and soil – Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)

EN 16168:2012

Sludge, treated biowaste and soil – Determination of total nitrogen using dry combustion method

EN 16169:2012

Sludge, treated biowaste and soil – Determination of Kjeldahl nitrogen

EN 16173:2012

Sludge, treated biowaste and soil – Digestion of nitric acid soluble fractions of elements

EN 16174:2012

Sludge, treated biowaste and soil – Digestion of aqua regia soluble fractions of elements

EN 16179:2012

Sludge, treated biowaste and soil – Guidance for sample pretreatment

13.030.10 Kruti otpad

Europska normizacija

CEN

EN 15875:2011/AC:2012

Characterization of waste – Static test for determination of acid potential and neutralisation potential of sulfidic waste

13.040.20 Atmosfera okoliša

Europska normizacija

CEN

EN 14211:2012

Ambient air – Standard method for the measurement of the concentration of nitrogen dioxide and nitrogen monoxide by chemiluminescence

EN 14212:2012

Ambient air – Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence

EN 14625:2012

Ambient air – Standard method for the measurement of the concentration of ozone by ultraviolet photometry

EN 14626:2012

Ambient air – Standard method for the measurement of the concentration of carbon monoxide by non-dispersive infrared spectroscopy

EN ISO 16000-26:2012

Indoor air – Part 26: Sampling strategy for carbon dioxide (CO₂) (ISO 16000-26:2012)

Međunarodna normizacija

ISO

ISO 16000-26:2012

Indoor air – Part 26: Sampling strategy for carbon dioxide (CO₂)

13.040.30 Atmosfera u radnome prostoru

Međunarodna normizacija ISO

ISO/TR 17737:2012

Workplace atmospheres – Guidelines for selecting analytical methods for sampling and analysing isocyanates in air

13.040.35 Čiste sobe i srodni nadzirani okoliš

Europska normizacija CEN

EN ISO 14644-9:2012

Cleanrooms and associated controlled environments – Part 9: Classification of surface cleanliness by particle concentration (ISO 14644-9:2012)

Međunarodna normizacija ISO

ISO 14644-9:2012

Cleanrooms and associated controlled environments – Part 9: Classification of surface cleanliness by particle concentration

13.040.50 Emisije plinova iz prijevoznih sredstava

Međunarodna normizacija ISO

ISO 6855-1:2012

Mopeds – Measurement method for gaseous exhaust emissions and fuel consumption – Part 1: General test requirements

ISO 6855-2:2012

Mopeds – Measurement method for gaseous exhaust emissions and fuel consumption – Part 2: Test cycles and specific test conditions

ISO 6855-3:2012

Mopeds – Measurement method for gaseous exhaust emissions and fuel consumption – Part 3: Fuel consumption measurement at a constant speed

ISO 8178-9:2012

Reciprocating internal combustion engines – Exhaust emission measurement – Part 9: Test cycles and test procedures for test bed measurement of exhaust gas smoke emissions from compression ignition engines operating under transient conditions

13.080.05 Ispitivanje tla općenito, uključujući uzorkovanje

Europska normizacija CEN

EN 16179:2012

Sludge, treated biowaste and soil – Guidance for sample pretreatment

13.080.10 Kemijske značajke tla

Europska normizacija CEN

EN 16166:2012

Sludge, treated biowaste and soil – Determination of adsorbable organically bound halogens (AOX)

EN 16167:2012

Sludge, treated biowaste and soil – Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)

EN 16168:2012

Sludge, treated biowaste and soil – Determination of total nitrogen using dry combustion method

EN 16169:2012

Sludge, treated biowaste and soil – Determination of Kjeldahl nitrogen

EN 16173:2012

Sludge, treated biowaste and soil – Digestion of nitric acid soluble fractions of elements

EN 16174:2012

Sludge, treated biowaste and soil – Digestion of aqua regia soluble fractions of elements

Međunarodna normizacija ISO

ISO 14238:2012

Soil quality – Biological methods – Determination of nitrogen mineralization and nitrification in soils and the influence of chemicals on these processes

13.080.30 Biološka svojstva tla

Međunarodna normizacija ISO

ISO 23611-6:2012

Soil quality – Sampling of soil invertebrates – Part 6: Guidance for the design of sampling programmes with soil invertebrates

13.200 Zaštita od nezgoda i velikih nesreća

Europska normizacija CEN

EN 1317-5:2007+A2:2012/AC:2012

Road restraint systems – Part 5: Product requirements and evaluation of conformity for vehicle restraint systems

13.220.01 Zaštita od požara općenito

Međunarodna normizacija ISO

ISO 13571:2012

Life-threatening components of fire – Guidelines for the estimation of time to compromised tenability in fires

ISO/TR 16732-2:2012

Fire Safety Engineering – Fire risk assessment – Part 2: Example of an office building

13.220.10 Vatrogastvo

Europska normizacija CEN

EN ISO 5923:2012

Equipment for fire protection and fire fighting – Fire extinguishing media – Carbon dioxide (ISO 5923:2012)

**Međunarodna normizacija
ISO**

ISO 5923:2012
Equipment for fire protection and fire fighting – Fire extinguishing media – Carbon dioxide

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

**Europska normizacija
CENELEC**

EN 60695-4:2012
Fire hazard testing – Part 4: Terminology concerning fire tests for electrotechnical products (IEC 60695-4:2012)

**Međunarodna normizacija
ISO**

ISO 9772:2012
Cellular plastics – Determination of horizontal burning characteristics of small specimens subjected to a small flame

IEC

IEC 60695-11-3:2012
Fire hazard testing – Part 11-3: Test flames – 500 W flames – Apparatus and confirmational test methods

13.220.50 Vatrootpornost građevnih materijala i elemenata

**Međunarodna normizacija
ISO**

ISO/TR 10295-3:2012
Fire tests for building elements and components – Fire testing of service installations – Part 3: Single component penetration seals – Guidance on the construction and use of test configurations and simulated services to characterise sealing materials

13.230 Zaštita od eksplozija

**Europska normizacija
CEN**

EN 1839:2012
Determination of explosion limits of gases and vapours

13.320 Alarmni sustavi i sustavi uzbunjivanja

**Europska normizacija
CENELEC**

EN 50132-7:2012
Alarm systems – CCTV surveillance systems for use in security applications – Part 7: Application guidelines

13.340.10 Zaštitna odjeća

**Međunarodna normizacija
ISO**

ISO 16602:2007/Amd 1:2012
Protective clothing for protection against chemicals – Classification, labelling and performance requirements

17.040.30 Mjerni instrumenti

**Europska normizacija
CEN**

EN ISO 13102:2012
Geometrical product specifications (GPS) – Dimensional measuring equipment: Electronic digital-indicator gauge – Design and metrological characteristics (ISO 13102:2012)

**Međunarodna normizacija
ISO**

ISO 13102:2012
Geometrical product specifications (GPS) – Dimensional measuring equipment: Electronic digital-indicator gauge – Design and metrological characteristics

17.120.20 Protok u otvorenim kanalima

**Međunarodna normizacija
ISO**

ISO 4377:2012
Hydrometric determinations – Flow measurement in open channels using structures – Flat-V weirs

ISO 6421:2012
Hydrometry – Methods for assessment of reservoir sedimentation

17.140.50 Elektroakustika

**Međunarodna normizacija
IEC**

IEC 61094-8:2012
Measurement microphones – Part 8: Methods for determining the free-field sensitivity of working standard microphones by comparison

IEC/TR 62781:2012
Ultrasonics – Conditioning of water for ultrasonic measurements

17.160 Vibracije, udari i mjerenja vibracija

**Međunarodna normizacija
ISO**

ISO 13372:2012
Condition monitoring and diagnostics of machines – Vocabulary

ISO 18437-1:2012
Mechanical vibration and shock – Characterization of the dynamic mechanical properties of visco-elastic materials – Part 1: Principles and guidelines

17.220.20 Mjerenje električnih i magnetskih veličina

**Međunarodna normizacija
IEC**

IEC 60404-15:2012
Magnetic materials – Part 15: Methods for the determination of the relative magnetic permeability of feebly magnetic materials

IEC 61869-2:2012
Instrument transformers – Part 2: Additional requirements
for current transformers

17.240 Mjerenja zračenja

Međunarodna normizacija ISO

ISO 29661:2012
Reference radiation fields for radiation protection –
Definitions and fundamental concepts

19.040 Ispitivanje utjecaja okoliša

Međunarodna normizacija IEC

IEC/TR 62130:2012
Climatic field data including validation

19.080 Električna i elektronička ispitivanja

Međunarodna normizacija IEC

IEC 61010-2-032:2012
Safety requirements for electrical equipment for
measurement, control and laboratory use – Part
2-032: Particular requirements for hand-held and
hand-manipulated current sensors for electrical test
and measurement

19.100 Nerazorna ispitivanja

Međunarodna normizacija ISO

ISO 2400:2012
Non-destructive testing – Ultrasonic testing –
Specification for calibration block No. 1

21.060.01 Spojni elementi općenito

Europska normizacija CEN

EN ISO 16047:2005/A1:2012
Fasteners – Torque/clamp force testing
(ISO 16047:2005/Amd 1:2012)

Međunarodna normizacija ISO

ISO 16047:2005/Amd 1:2012
Fasteners – Torque/clamp force testing

21.060.20 Matice

Međunarodna normizacija ISO

ISO 4161:2012
Hexagon nuts with flange, style 2 – Coarse thread

ISO 7043:2012
Prevailing torque type hexagon nuts with flange (with
non-metallic insert), style 2 – Product grades A and B

ISO 7044:2012
Prevailing torque type all-metal hexagon nuts with
flange, style 2 – Product grades A and B

ISO 10663:2
Hexagon nuts with flange, style 2 – Fine pitch thread

ISO 12125:2012
Prevailing torque type hexagon nuts with flange (with
non-metallic insert) with metric fine pitch thread, style
2 – Product grades A and B

ISO 12126:2012
Prevailing torque type all-metal hexagon nuts with
flange with metric fine pitch thread, style 2 – Product
grades A and B

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija CEN

EN ISO 7225:2007/A1:2012
Gas cylinders – Precautionary labels (ISO 7225:2005/
Amd 1:2012)

EN ISO 7866:2012
Gas cylinders – Refillable seamless aluminium alloy
gas cylinders – Design, construction and testing
(ISO 7866:2012)

Međunarodna normizacija ISO

ISO 7225:2005/Amd 1:2012
Gas cylinders – Precautionary labels

ISO 7866:2012
Gas cylinders – Refillable seamless aluminium alloy
gas cylinders – Design, construction and testing

ISO 11119-1:2012
Gas cylinders – Refillable composite gas cylinders and
tubes – Design, construction and testing – Part 1: Hoop
wrapped fibre reinforced composite gas cylinders and
tubes up to 450 l

23.040.40 Metalne spojnice

Europska normizacija CEN

EN 12842:2012
Ductile iron fittings for PVC-U or PE piping systems –
Requirements and test methods

23.080 Pumpe

Europska normizacija CEN

EN ISO 17769-1:2012
Liquid pumps and installation – General terms,
definitions, quantities, letter symbols and units – Part 1:
Liquid pumps (ISO 17769-1:2012)

EN ISO 17769-2:2012
Liquid pumps and installation – General terms,
definitions, quantities, letter symbols and units – Part 2:
Pumping System (ISO 17769-2:2012)

Međunarodna normizacija ISO

ISO 17769-1:2012
Liquid pumps and installation – General terms,
definitions, quantities, letter symbols and units – Part 1:
Liquid pumps

ISO 17769-2:2012

Liquid pumps and installation – General terms, definitions, quantities, letter symbols and units – Part 2: Pumping System

23.100.01 Sustavi za hidraulički i pneumatski prijenos energije općenito

**Međunarodna normizacija
ISO**

ISO 1219-2:2012

Fluid power systems and components – Graphical symbols and circuit diagrams – Part 2: Circuit diagrams

23.100.50 Upravljački sastavni dijelovi

**Međunarodna normizacija
ISO**

ISO 6953-3:2012

Pneumatic fluid power – Compressed air pressure regulators and filter-regulators – Part 3: Alternative test methods for measuring the flow-rate characteristics of pressure regulators

23.140 Kompresori i pneumatski strojevi

**Međunarodna normizacija
ISO**

ISO/TR 12942:2012

Compressors – Classification – Complementary information to ISO 5390

25.100.10 Alati za tokarenje

**Međunarodna normizacija
ISO**

ISO 5608:2012

Turning and copying tool holders and cartridges for indexable inserts – Designation

25.140.10 Pneumatski alati

**Europska normizacija
CEN**

EN ISO 11148-7:2012

Hand-held non-electric power tools – Safety requirements – Part 7: Grinders (ISO 11148-7:2012)

**Međunarodna normizacija
ISO**

ISO 11148-7:2012

Hand-held non-electric power tools – Safety requirements – Part 7: Grinders

25.160.01 Zavarivanje, meko i tvrdo lemljenje općenito

**Međunarodna normizacija
ISO**

ISO 9606-1:2012/Cor 1:2012

Qualification testing of welders – Fusion welding – Part 1: Steels

25.160.10 Procesi zavarivanja

**Europska normizacija
CEN**

EN 14587-3:2012

Railway applications – Track – Flash butt welding of rails – Part 3: Welding in association with crossing construction

25.160.50 Tvrdo i meko lemljenje

**Međunarodna normizacija
ISO**

ISO 9455-10:2012

Soft soldering fluxes – Test methods – Part 10: Flux efficacy test, solder spread method

25.220.20 Površinska obrada

**Međunarodna normizacija
ISO**

ISO 12671:2012

Thermal spraying – Thermally sprayed coatings – Symbolic representation on drawings

27.010 Tehnika prijenosa energije i topline općenito

**Europska normizacija
CEN**

EN 16212:2012

Energy Efficiency and Savings Calculation, Top-down and Bottom-up Methods

27.020 Motori s unutrašnjim izgaranjem

**Međunarodna normizacija
ISO**

ISO 4548-6:2012

Methods of test for full-flow lubricating oil filters for internal combustion engines – Part 6: Static burst pressure test

ISO 8178-9:2012

Reciprocating internal combustion engines – Exhaust emission measurement – Part 9: Test cycles and test procedures for test bed measurement of exhaust gas smoke emissions from compression ignition engines operating under transient conditions

27.060.20 Plinski plamenici

Međunarodna normizacija ISO

- ISO 23551-1:2012
Safety and control devices for gas burners and gas-burning appliances – Particular requirements – Part 1: Automatic and semi-automatic valves

27.060.30 Kotlovi i izmjenjivači topline

Europska normizacija CEN

- EN ISO 12211:2012
Petroleum, petrochemical and natural gas industries – Spiral plate heat exchangers
- EN ISO 12212:2012
Petroleum, petrochemical and natural gas industries – Hairpin-type heat exchangers

Međunarodna normizacija ISO

- ISO 12212:2012
Petroleum, petrochemical and natural gas industries – Hairpin-type heat exchangers

27.070 Gorivi članci

Međunarodna normizacija IEC

- IEC 62282-5-1:2012
Fuel cell technologies – Part 5-1: Portable fuel cell power systems – Safety

27.080 Dizalice topline

Međunarodna normizacija ISO

- ISO 13971:2012
Refrigeration systems and heat pumps – Flexible pipe elements, vibration isolators, expansion joints and non-metallic tubes – Requirements and classification

27.120.20 Nuklearne elektrane. Sigurnost

Međunarodna normizacija IEC

- IEC 62646:2012
Nuclear power plants – Control rooms – Computer based procedures

27.190 Biološki izvori i alternativni izvori energije

Europska normizacija CEN

- EN 16214-3:2012
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 3: Biodiversity and environmental aspects related to nature protection purposes

27.200 Rashladna tehnologija (tehnika)

Međunarodna normizacija ISO

- ISO 13971:2012
Refrigeration systems and heat pumps – Flexible pipe elements, vibration isolators, expansion joints and non-metallic tubes – Requirements and classification

29.020 Elektrotehnika općenito

Europska normizacija CENELEC

- EN 60695-4:2012
Fire hazard testing – Part 4: Terminology concerning fire tests for electrotechnical products (IEC 60695-4:2012)
- EN 62628:2012
Guidance on software aspects of dependability (IEC 62628:2012)

Međunarodna normizacija IEC

- IEC 60695-11-3:2012
Fire hazard testing – Part 11-3: Test flames – 500 W flames – Apparatus and confirmational test methods
- IEC 62628:2012
Guidance on software aspects of dependability
- IEC 82079-1:2012
Preparation of instructions for use – Structuring, content and presentation – Part 1: General principles and detailed requirements

29.030 Magnetni materijali

Međunarodna normizacija IEC

- IEC 60404-15:2012
Magnetic materials – Part 15: Methods for the determination of the relative magnetic permeability of feebly magnetic materials

29.035.20 Plastični i gumeni izolacijski materijali

Europska normizacija CENELEC

- EN 60893-3-1:2012
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-1: Specifications for individual materials – Types of industrial rigid laminated sheets (IEC 60893-3-1:2012)

29.040.10 Izolacijska ulja

Međunarodna normizacija IEC

- IEC 62697-1:2012
Test methods for quantitative determination of corrosive sulfur compounds in unused and used insulating liquids – Part 1: Test method for quantitative determination of dibenzyldisulfide (DBDS)

29.060.10 Žice

Europska normizacija

CENELEC

EN 60317-60:2012

Specifications for particular types of winding wires – Polyester glass fibre wound minimum class 155 resin or varnish impregnated or not impregnated, bare or enamelled, rectangular copper wire, temperature index 155 (IEC 60317-60:2012)

29.080.10 Izolatori

Međunarodna normizacija

IEC

IEC 62217:2012

Polymeric HV insulators for indoor and outdoor use – General definitions, test methods and acceptance criteria

29.080.30 Izolacijski sustavi

Međunarodna normizacija

IEC

IEC 60034-18-21:2012

Rotating electrical machines – Part 18-21: Functional evaluation of insulation systems – Test procedures for wire-wound windings – Thermal evaluation and classification

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Međunarodna normizacija

IEC

IEC 61009-1:2010/Corr.1:2012

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules

IEC 62271-111:2012

High-voltage switchgear and controlgear – Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Međunarodna normizacija

IEC

IEC 62271-100:2008/am1:2012

High-voltage switchgear and controlgear – Part 100: Alternating current circuit-breakers

IEC 62271-100 Edition 2.1:2012

High-voltage switchgear and controlgear – Part 100: Alternating current circuit-breakers

IEC 62271-105:2012

High-voltage switchgear and controlgear – Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV

IEC 62271-110:2012

High-voltage switchgear and controlgear – Part 110: Inductive load switching

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Međunarodna normizacija

IEC

IEC 60947-3 Edition 3.1 Corr.1:2012

Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units

IEC 60947-5-2:2007/am1:2012

Low-voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches; Amendment 1

IEC 60947-5-2 Edition 3.1:2012

Low-voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Međunarodna normizacija

IEC

IEC 60968:2012

Self-ballasted lamps for general lighting services – Safety requirements

IEC 61199:2011/am1:2012

Single-capped fluorescent lamps – Safety specifications; Amendment 1

IEC 61199 Edition 3.1:2012

Single-capped fluorescent lamps – Safety specifications

29.140.99 Ostale norme koje se odnose na svjetiljke

Međunarodna normizacija

IEC

IEC 61347-2-8:2000/am1:2006/Corr.1:2012

Lamp controlgear – Part 2-8: Particular requirements for ballasts for fluorescent lamps

29.160.01 Rotacijski strojevi općenito

Međunarodna normizacija

IEC

IEC 60034-18-21:2012

Rotating electrical machines – Part 18-21: Functional evaluation of insulation systems – Test procedures for wire-wound windings – Thermal evaluation and classification

29.260.20 Električni uređaji za eksplozivnu atmosferu

Međunarodna normizacija

IEC

IEC 60079-33:2012

Explosive atmospheres – Part 33: Equipment protection by special protection 's'

29.280 Oprema za električnu vuču

Europska normizacija CENELEC

EN 50122-1:2011/AC:2012

Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 1: Protective provisions against electric shock

EN 50388:2012/AC:2012

Railway Applications – Power supply and rolling stock – Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability

31.020 Elektronički sastavni dijelovi općenito

Međunarodna normizacija IEC

IECQ 01:2012

IEC Quality Assessment System for Electronic Components (IECQ System) – Basic Rules

IECQ 02:2012

IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – General Requirements for the Acceptance of IECQ Certification Bodies into the IECQ System

IECQ 03-1:2012

IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 1: General Requirements for all IECQ Schemes

IECQ 03-2:2012

IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 2: IECQ Approved Process Scheme

IECQ 03-3:2012

IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 3: IECQ Approved Component Products, Related Materials & Assemblies Scheme

IECQ 03-4:2012

IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 4: IECQ ECMP Scheme – Avionics Assessment Program Requirements

IECQ 03-5:2012

IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 5: IECQ HSPM Scheme – Hazardous Substance Process Management Requirement

IECQ 03-6:2012

IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 6: IECQ ITL Scheme – Independent Testing Laboratory Assessment Program Requirements

31.040.01 Otpornici općenito

Europska normizacija CENELEC

EN 60717:2012

Method for the determination of the space required by capacitors and resistors with unidirectional terminations (IEC 60717:2012)

31.060.01 Kondenzatori općenito

Europska normizacija CENELEC

EN 60717:2012

Method for the determination of the space required by capacitors and resistors with unidirectional terminations (IEC 60717:2012)

31.060.10 Nepromjenjivi kondenzatori

Međunarodna normizacija IEC

IEC 61881-3:2012

Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors

31.060.50 Aluminijski elektrolitski kondenzatori

Međunarodna normizacija IEC

IEC 61881-2:2012

Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 2: Aluminium electrolytic capacitors with non-solid electrolyte

31.080.01 Poluvodičke naprave općenito

Međunarodna normizacija IEC

IEC 60749-27:2006/am1:2012

Semiconductor devices – Mechanical and climatic test methods – Part 27: Electrostatic discharge (ESD) sensitivity testing – Machine model (MM); Amendment 1

IEC 60749-27 Edition 2.1:2012

Semiconductor devices – Mechanical and climatic test methods – Part 27: Electrostatic discharge (ESD) sensitivity testing – Machine model (MM)

31.120 Elektronički uređaji za prikazivanje

Europska normizacija CENELEC

EN 61988-2-5:2012

Plasma display panels – Part 2-5: Measuring methods – Acoustic noise (IEC 61988-2-5:2012)

Međunarodna normizacija IEC

IEC 61747-4:2012

Liquid crystal display devices – Part 4: Liquid crystal display modules and cells – Essential ratings and characteristics

IEC 62595-2:2012

LCD backlight unit – Part 2: Electro-optical measurement methods of LED backlight unit

31.140 Piezoelektrične naprave

Europska normizacija

CENELEC

EN 62575-2:2012

Radio frequency (RF) bulk acoustic wave (BAW) filters of assessed quality – Part 2: Guidelines for the use (IEC 62575-2:2012)

31.160 Električni filtri

Europska normizacija

CENELEC

EN 60862-2:2012

Surface acoustic wave (SAW) filters of assessed quality – Part 2: Guidelines for the use (IEC 60862-2:2012)

EN 62575-2:2012

Radio frequency (RF) bulk acoustic wave (BAW) filters of assessed quality – Part 2: Guidelines for the use (IEC 62575-2:2012)

31.200 Integrirani krugovi. Mikroelektronika

Međunarodna normizacija

IEC

IEC/TR 62258-4:2012

Semiconductor die products – Part 4: Questionnaire for die users and suppliers

31.220.10 Utikačke i utičničke naprave. Konektori

Europska normizacija

CENELEC

EN 61076-3-110:2012

Connectors for electronic equipment – Product requirements – Part 3-110: Detail specification for shielded, free and fixed connectors for data transmission with frequencies up to 1 000 MHz (IEC 61076-3-110:2012)

Međunarodna normizacija

IEC

IEC 60512-99-001:2012

Connectors for electronic equipment – Tests and measurements – Part 99-001: Test schedule for engaging and separating connectors under electrical load – Test 99a: Connectors used in twisted pair communication cabling with remote power

31.240 Mehaničke konstrukcije za elektroničku opremu

Međunarodna normizacija

IEC

IEC 60191-2-DB:2012

Mechanical standardization of semiconductor devices – Part 2: Dimensions

IEC 61587-4:2012

Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 4: Combination of performance levels for modular cabinets

31.260 Optoelektronika. Laserska oprema

Međunarodna normizacija

IEC

IEC 62341-6-3:2012

Organic light emitting diode (OLED) displays – Part 6-3: Measuring methods of image quality

IEC 62595-2:2012

LCD backlight unit – Part 2: Electro-optical measurement methods of LED backlight unit

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija

ETSI

ETSI TS 101 563 V1.2.1:2012

Speech and multimedia Transmission Quality (STQ) – IMS/PES exchange performance requirements

ETSI TS 102 853 V1.1.2:2012

Electronic Signatures and Infrastructures (ESI) – Signature validation procedures and policies

ETSI TS 102 929 V2.1.1:2012

Speech and multimedia Transmission Quality (STQ) – Procedures for the identification and selection of common modes of de-jitter buffers and echo cancellers

ETSI TS 103 106 V1.1.1:2012

Speech and multimedia Transmission Quality (STQ) – Speech quality performance in the presence of background noise: Background noise transmission for mobile terminals-objective test methods

ETSI ES 202 336-6 V1.1.1:2012

Environmental Engineering (EE) – Monitoring and Control Interface for Infrastructure Equipment (Power, Cooling and Building Environment Systems used in Telecommunication Networks) – Part 6: Air Conditioning System control and monitoring information model

ETSI ES 202 336-9 V1.1.1:2012

Environmental Engineering (EE) – Monitoring and Control Interface for Infrastructure Equipment (Power, Cooling and Building Environment Systems used in Telecommunication Networks) – Part 9: Alternative Power Systems

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija

ETSI

ETSI TS 101 585 V1.1.2:2012

IMS Network Testing (INT) – NGN/IMS interconnection tests at the Ic Interface – Test Suite Structure and Test Purposes (TSS&TP)

ETSI TS 101 606-2 V1.1.1:2012

IMS Network Testing (INT) – Diameter Conformance testing for Gx interface – Part 2: Test Suite Structure (TSS) and Test Purposes (TP)

ETSI TS 101 606-3 V1.1.1:2012

IMS Network Testing (INT) – Diameter Conformance testing for Gx interface – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification

- ETSI TS 102 710-2 V3.2.1:2012
IMS Network Testing (INT) – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (Release 8) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)
- ETSI TS 183 036 V3.5.1:2012
Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN) – ISDN/SIP interworking – Protocol specification

33.060.30 Radioreleji i nepomični satelitski komunikacijski sustavi

Europska normizacija ETSI

- ETSI TR 103 103 V1.1.1:2012
Fixed Radio Systems; Point-to-point systems – ATPC, RTPC, Adaptive Modulation (mixed-mode) and Bandwidth Adaptive functionalities – Technical background and impact on deployment, link design and coordination

33.060.40 Kabelski distribucijski sustavi

Europska normizacija CENELEC

- EN 60728-13-1:2012
Cable networks for television signals, sound signals and interactive services – Part 13-1: Brandwidth expansion for broadcast signal over FTTH system (IEC 60728-13-1:2012)

ETSI

- ETSI TS 101 573 V1.1.1:2012
Access, Terminals, Transmission and Multiplexing (ATTM) – General engineering of optical building cabling
- ETSI TR 102 994 V1.1.1:2012
Access, Terminals, Transmission and Multiplexing (ATTM) – In Home Cabling for Integrated Broadband Cable and Television Services

33.070.10 Terestrijalni trunking radio (TETRA)

Europska normizacija ETSI

- EN 300 396-6 V1.5.1:2012
Terrestrial Trunked Radio (TETRA) – Direct Mode Operation (DMO) – Part 6: Security
- ETSI TS 100 392-5 V2.3.1:2012
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) and Direct Mode Operation (DMO) – Part 5: Peripheral Equipment Interface (PEI)
- ETSI TS 100 392-18-1 V1.6.1:2012
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) and Direct Mode Operation (DMO) – Part 18: Air interface optimized applications – Sub-part 1: Location Information Protocol (LIP)
- ETSI TR 102 021-12 V1.1.1:2012
Terrestrial Trunked Radio (TETRA) – User Requirement Specification TETRA Release 2.1 – Part 12: Direct Mode Operation (DMO)
- ETSI TR 102 022-1 V1.1.1:2012
User Requirement Specification – Mission Critical Broadband Communication Requirements

33.070.40 Sateliti

Europska normizacija ETSI

- ETSI TR 101 593 V1.1.1:2012
Satellite Earth Stations and Systems (SES) – Global Navigation Satellite System (GNSS) based location systems – Minimum performance and features
- ETSI TR 102 641 V1.2.1:2012
Satellite Earth Stations and Systems (SES) – Overview of present satellite emergency communications resources

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija ETSI

- ETSI TS 102 610 V1.2.0:2012
Railways Telecommunications (RT) – Global System for Mobile communications (GSM) – Usage of the User-to-User Information Element for GSM Operation on Railways
- ETSI TS 122 101 V8.15.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 8.15.0 Release 8)
- ETSI TS 122 101 V9.11.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 9.11.0 Release 9)
- ETSI TS 122 101 V10.9.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 10.9.0 Release 10)
- ETSI TS 122 101 V11.7.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 11.7.0 Release 11)
- ETSI TS 122 115 V11.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Charging and billing (3GPP TS 22.115 version 11.6.0 Release 11)
- ETSI TS 122 220 V9.10.0:2012
Universal Mobile Telecommunications System (UMTS) – Service requirements for Home Node B (HNB) and Home eNode B (HeNB) (3GPP TS 22.220 version 9.10.0 Release 9)
- ETSI TS 122 220 V10.10.0:2012
Universal Mobile Telecommunications System (UMTS) – Service requirements for Home Node B (HNB) and Home eNode B (HeNB) (3GPP TS 22.220 version 10.10.0 Release 10)
- ETSI TS 122 220 V11.6.0:2012
Universal Mobile Telecommunications System (UMTS) – Service requirements for Home Node B (HNB) and Home eNode B (HeNB) (3GPP TS 22.220 version 11.6.0 Release 11)
- ETSI TS 122 278 V11.6.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for the Evolved Packet System (EPS) (3GPP TS 22.278 version 11.6.0 Release 11)
- ETSI TS 122 368 V11.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for Machine-Type Communications (MTC) – Stage 1 (3GPP TS 22.368 version 11.6.0 Release 11)

- ETSI TS 123 032 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Universal Geographical Area Description (GAD) (3GPP TS 23.032 version 11.0.0 Release 11)
- ETSI TS 123 057 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Execution Environment (MExE) – Functional description – Stage 2 (3GPP TS 23.057 version 11.0.0 Release 11)
- ETSI TS 123 060 V10.9.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2 (3GPP TS 23.060 version 10.9.0 Release 10)
- ETSI TS 123 101 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – General Universal Mobile Telecommunications System (UMTS) architecture (3GPP TS 23.101 version 11.0.0 Release 11)
- ETSI TS 123 110 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Mobile Telecommunications System (UMTS) access stratum – Services and functions (3GPP TS 23.110 version 11.0.0 Release 11)
- ETSI TS 123 141 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Architecture and functional description (3GPP TS 23.141 version 11.0.0 Release 11)
- ETSI TS 123 226 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Global text telephony (GTT) – Stage 2 (3GPP TS 23.226 version 11.0.0 Release 11)
- ETSI TS 123 234 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – System description (3GPP TS 23.234 version 11.0.0 Release 11)
- ETSI TS 123 237 V9.9.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 9.9.0 Release 9)
- ETSI TS 123 240 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Architecture (Stage 2) (3GPP TS 23.240 version 11.0.0 Release 11)
- ETSI TS 123 261 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP flow mobility and seamless Wireless Local Area Network (WLAN) offload – Stage 2 (3GPP TS 23.261 version 11.0.0 Release 11)
- ETSI TS 123 271 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 11.0.0 Release 11)
- ETSI TS 123 279 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 2 (3GPP TS 23.279 version 11.0.0 Release 11)
- ETSI TS 123 402 V10.8.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 10.8.0 Release 10)
- ETSI TR 123 903 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE; Redial solution for voice-video switching (3GPP TR 23.903 version 11.0.0 Release 11)
- ETSI TR 123 919 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Direct tunnel deployment guideline (3GPP TR 23.919 version 11.0.0 Release 11)
- ETSI TR 123 924 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Feasibility study on Non-Access Stratum (NAS) node selection function above Base Station Controller (BSC) / Radio Network Controller (RNC) (3GPP TR 23.924 version 11.0.0 Release 11)
- ETSI TR 123 976 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Push architecture (3GPP TR 23.976 version 11.0.0 Release 11)
- ETSI TR 123 977 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks (3GPP TR 23.977 version 11.0.0 Release 11)
- ETSI TR 123 979 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP enablers for Open Mobile Alliance (OMA) – Push-to-talk over Cellular (PoC) services – Stage 2 (3GPP TR 23.979 version 11.0.0 Release 11)
- ETSI TR 123 981 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations (3GPP TR 23.981 version 11.0.0 Release 11)
- ETSI TS 125 105 V8.8.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 8.8.0 Release 8)
- ETSI TS 125 105 V9.3.1:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 9.3.1 Release 9)
- ETSI TS 125 105 V10.4.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 10.4.0 Release 10)
- ETSI TS 125 106 V9.3.1:2012
Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (3GPP TS 25.106 version 9.3.1 Release 9)
- ETSI TS 125 142 V8.8.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 8.8.0 Release 8)
- ETSI TS 125 142 V9.5.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 9.5.0 Release 9)
- ETSI TS 125 142 V10.4.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 10.4.0 Release 10)
- ETSI TS 125 201 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS) – Physical layer – general description (3GPP TS 25.201 version 11.0.0 Release 11)

- ETSI TS 125 202 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– 7.68 Mcps Time Division Duplex (TDD) option –
Overall description: Stage 2
(3GPP TS 25.202 version 11.0.0 Release 11)
- ETSI TS 125 211 V11.1.0:2012
Universal Mobile Telecommunications System (UMTS)
– Physical channels and mapping of transport channels
onto physical channels (FDD)
(3GPP TS 25.211 version 11.1.0 Release 11)
- ETSI TS 125 212 V10.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– Multiplexing and channel coding (FDD)
(3GPP TS 25.212 version 10.3.0 Release 10)
- ETSI TS 125 212 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– Multiplexing and channel coding (FDD)
(3GPP TS 25.212 version 11.3.0 Release 11)
- ETSI TS 125 213 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– Spreading and modulation (FDD)
(3GPP TS 25.213 version 11.3.0 Release 11)
- ETSI TS 125 214 V11.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– Physical layer procedures (FDD)
(3GPP TS 25.214 version 11.3.0 Release 11)
- ETSI TS 125 221 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Physical channels and mapping of transport channels
onto physical channels (TDD)
(3GPP TS 25.221 version 11.0.0 Release 11)
- ETSI TS 125 222 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Multiplexing and channel coding (TDD)
(3GPP TS 25.222 version 11.0.0 Release 11)
- ETSI TS 125 223 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Spreading and modulation (TDD)
(3GPP TS 25.223 version 11.0.0 Release 11)
- ETSI TS 125 224 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Physical layer procedures (TDD)
(3GPP TS 25.224 version 11.0.0 Release 11)
- ETSI TS 125 225 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Physical layer – Measurements (TDD)
(3GPP TS 25.225 version 11.0.0 Release 11)
- ETSI TS 125 301 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Radio interface protocol architecture
(3GPP TS 25.301 version 11.0.0 Release 11)
- ETSI TS 125 302 V11.1.0:2012
Universal Mobile Telecommunications System (UMTS)
– Services provided by the physical layer
(3GPP TS 25.302 version 11.1.0 Release 11)
- ETSI TS 125 303 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Interlayer procedures in Connected Mode
(3GPP TS 25.303 version 11.0.0 Release 11)
- ETSI TS 125 305 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Stage 2 functional specification of User Equipment
(UE) positioning in UTRAN
(3GPP TS 25.305 version 11.0.0 Release 11)
- ETSI TS 125 317 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– High Speed Packet Access (HSPA) – Requirements
on User Equipments (UEs) supporting a release-
independent frequency band combination
(3GPP TS 25.317 version 11.0.0 Release 11)
- ETSI TS 125 319 V11.5.0:2012
Universal Mobile Telecommunications System (UMTS)
– Enhanced uplink – Overall description – Stage 2
(3GPP TS 25.319 version 11.5.0 Release 11)
- ETSI TS 125 323 V11.0.0:2012
Universal Mobile Telecommunications System
(UMTS) – Packet Data Convergence Protocol (PDCP)
specification
(3GPP TS 25.323 version 11.0.0 Release 11)
- ETSI TS 125 324 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Broadcast/Multicast Control (BMC)
(3GPP TS 25.324 version 11.0.0 Release 11)
- ETSI TS 125 346 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Introduction of the Multimedia Broadcast/Multicast
Service (MBMS) in the Radio Access Network (RAN) –
Stage 2 (3GPP TS 25.346 version 11.0.0 Release 11)
- ETSI TR 125 903 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Continuous connectivity for packet data users
(3GPP TR 25.903 version 11.0.0 Release 11)
- ETSI TR 125 927 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Solutions for energy saving within UTRA Node B
(3GPP TR 25.927 version 11.0.0 Release 11)
- ETSI TR 125 929 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Continuous connectivity for packet data users –
1.28 Mcps TDD
(3GPP TR 25.929 version 11.0.0 Release 11)
- ETSI TR 125 993 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Typical examples of Radio Access Bearers (RABs)
and Radio Bearers (RBs) supported by Universal
Terrestrial Radio Access (UTRA)
(3GPP TR 25.993 version 11.0.0 Release 11)
- ETSI TR 125 996 V11.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– Spatial channel model for Multiple Input Multiple
Output (MIMO) simulations
(3GPP TR 25.996 version 11.0.0 Release 11)
- ETSI TS 132 111-3 V7.2.0:2012
Digital cellular telecommunications system (Phase 2+)
– Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management
– Fault Management – Part 3: Alarm Integration
Reference Point (IRP): Common Object Request
Broker Architecture (CORBA) Solution Set (SS)
(3GPP TS 32.111-3 version 7.2.0 Release 7)
- ETSI TS 132 111-3 V8.1.0:2012
Digital cellular telecommunications system (Phase 2+)
– Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management
– Fault Management – Part 3: Alarm Integration
Reference Point (IRP): Common Object Request
Broker Architecture (CORBA) Solution Set (SS)
(3GPP TS 32.111-3 version 8.1.0 Release 8)
- ETSI TS 132 111-3 V9.1.0:2012
Digital cellular telecommunications system (Phase 2+)
– Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management
– Fault Management – Part 3: Alarm Integration
Reference Point (IRP): Common Object Request
Broker Architecture (CORBA) Solution Set (SS)
(3GPP TS 32.111-3 version 9.1.0 Release 9)
- ETSI TS 132 122 V11.0.0:2012
Digital cellular telecommunications system (Phase 2+)
– Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management
– Advanced Alarm Management (AAM) Integration
Reference Point (IRP): Information Service (IS)
(3GPP TS 32.122 version 11.0.0 Release 11)

- ETSI TS 132 240 V11.5.0:2012
Digital cellular telecommunications system (Phase 2+)
– Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging architecture and principles
(3GPP TS 32.240 version 11.5.0 Release 11)
- ETSI TS 132 251 V11.4.0:2012
Digital cellular telecommunications system (Phase 2+)
– Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging
(3GPP TS 32.251 version 11.4.0 Release 11)
- ETSI TS 125 423 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling
(3GPP TS 25.423 version 10.7.0 Release 10)
- ETSI TR 125 942 V10.1.0:2012
Universal Mobile Telecommunications System (UMTS)
– Radio Frequency (RF) system scenarios
(3GPP TR 25.942 version 10.1.0 Release 10)
- ETSI TS 126 237 V10.5.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service – Protocols
(3GPP TS 26.237 version 10.5.0 Release 10)
- ETSI TS 134 121-1 V10.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 1: Conformance specification
(3GPP TS 34.121-1 version 10.3.0 Release 10)
- ETSI TS 134 123-2 V10.1.0:2012
Universal Mobile Telecommunications System (UMTS)
– User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification
(3GPP TS 34.123-2 version 10.1.0 Release 10)
- ETSI TS 134 123-3 V9.4.0:2012
Universal Mobile Telecommunications System (UMTS)
– User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS)
(3GPP TS 34.123-3 version 9.4.0 Release 9)
- ETSI TS 134 123-3 V10.0.0:2012
Universal Mobile Telecommunications System (UMTS)
– User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS)
(3GPP TS 34.123-3 version 10.0.0 Release 10)
- ETSI TS 136 104 V8.13.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception
(3GPP TS 36.104 version 8.13.0 Release 8)
- ETSI TS 136 104 V9.12.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception
(3GPP TS 36.104 version 9.12.0 Release 9)
- ETSI TS 136 104 V10.7.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception
(3GPP TS 36.104 version 10.7.0 Release 10)
- ETSI TS 136 106 V8.7.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD repeater radio transmission and reception
(3GPP TS 36.106 version 8.7.0 Release 8)
- ETSI TS 136 106 V9.4.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD repeater radio transmission and reception
(3GPP TS 36.106 version 9.4.0 Release 9)
- ETSI TS 136 106 V10.4.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD repeater radio transmission and reception
(3GPP TS 36.106 version 10.4.0 Release 10)
- ETSI TS 136 113 V9.5.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC)
(3GPP TS 36.113 version 9.5.0 Release 9)
- ETSI TS 136 113 V10.5.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC)
(3GPP TS 36.113 version 10.5.0 Release 10)
- ETSI TS 136 133 V9.12.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management
(3GPP TS 36.133 version 9.12.0 Release 9)
- ETSI TS 136 508 V10.1.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing
(3GPP TS 36.508 version 10.1.0 Release 10)
- ETSI TS 136 521-1 V10.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing
(3GPP TS 36.521-1 version 10.2.0 Release 10)
- ETSI TS 136 521-3 V10.1.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing
(3GPP TS 36.521-3 version 10.1.0 Release 10)
- ETSI TS 136 523-1 V10.1.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification
(3GPP TS 36.523-1 version 10.1.0 Release 10)
- ETSI TS 136 523-3 V9.4.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites
(3GPP TS 36.523-3 version 9.4.0 Release 9)
- ETSI TR 136 942 V8.4.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) system scenarios
(3GPP TR 36.942 version 8.4.0 Release 8)
- ETSI TR 136 942 V9.3.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) system scenarios
(3GPP TR 36.942 version 9.3.0 Release 9)
- ETSI TR 136 942 V10.3.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) system scenarios
(3GPP TR 36.942 version 10.3.0 Release 10)
- ETSI TS 151 010-1 V9.10.0:2012
Digital cellular telecommunications system (Phase 2+)
– Mobile Station (MS) conformance specification – Part 1: Conformance specification
(3GPP TS 51.010-1 version 9.10.0 Release 9)
- ETSI TS 151 010-1 V10.1.0:2012
Digital cellular telecommunications system (Phase 2+)
– Mobile Station (MS) conformance specification – Part 1: Conformance specification
(3GPP TS 51.010-1 version 10.1.0 Release 10)

ETSI TS 151 010-2 V9.10.0:2012
Digital cellular telecommunications system (Phase 2+)
– Mobile Station (MS) conformance specification – Part
2: Protocol Implementation Conformance Statement
(PICS) proforma specification
(3GPP TS 51.010-2 version 9.10.0 Release 9)

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija ETSI

EN 301 843-1 V1.3.1:2012
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – ElectroMagnetic Compatibility (EMC)
standard for marine radio equipment and services –
Part 1: Common technical requirements

33.100.10 Zračenje

Europska normizacija CENELEC

EN 61000-6-3:2007/A1:2011/AC:2012
Electromagnetic compatibility (EMC) – Generic
standards – Emission standard for residential,
commercial and light-industrial environments

ETSI

EN 300 386 V1.6.1:2012
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Telecommunication network
equipment – ElectroMagnetic Compatibility (EMC)
requirements

EN 301 489-17 V2.2.1:2012
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – ElectroMagnetic Compatibility (EMC)
standard for radio equipment – Part 17: Specific
conditions for Broadband Data Transmission Systems

EN 301 843-1 V1.3.1:2012
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – ElectroMagnetic Compatibility (EMC)
standard for marine radio equipment and services –
Part 1: Common technical requirements

ETSI TR 101 599 V1.1.3:2012
Electromagnetic compatibility and Radio spectrum
matters (ERM) System Reference Document (SRDoc)
– Broadband Direct-Air-to-Ground Communications
System employing beamforming antennas, operating
in the 2,4 GHz and 5,8 GHz bands

ETSI TR 102 649-2 V1.3.1:2012
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Technical characteristics of Short
Range Devices (SRD) and RFID in the UHF Band –
System Reference Document for Radio Frequency
Identification (RFID) and SRD equipment – Part 2:
Additional spectrum requirements for UHF RFID, non-
specific SRDs and specific SRDs

ETSI TS 102 883 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Short Range Devices (SRD) using
Ultra Wide Band (UWB) – Measurement Techniques

ETSI TR 103 100 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Operation of RFID in the UHF Band –
Proposed improvements to be incorporated into future
versions of EN 302 208

Međunarodna normizacija IEC

IEC 61000-3-12 Interpretation Sheet 01:2012
Electromagnetic compatibility (EMC) – Part 3-12: Limits
– Limits for harmonic currents produced by equipment
connected to public low-voltage systems with input
current >16 A and ≤ 75 A per phase; Interpretation
Sheet 01

33.120.10 Koaksijalni kabeli. Valovodi

Europska normizacija CENELEC

EN 50117-2-5:2004/AC:2012
Coaxial cables – Sectional specification for cables used
in cabled distribution networks – Outdoor drop cables
for systems operating at 5 MHz – 3000 MHz

EN 62037-4:2012
Passive RF and microwave devices, intermodulation
level measurement – Part 4: Measurement of passive
intermodulation in coaxial cables (IEC 62037-4:2012)

Međunarodna normizacija IEC

IEC 61196-1-119:2012
Coaxial communication cables – Part 1-119: Electrical
test methods – RF power rating

IEC 61196-5:2012
Coaxial communication cables – Part 5: Sectional
specification for CATV trunk and distribution cables

IEC 61196-5-1:2012
Coaxial communication cables – Part 5-1: Blank detail
specification for CATV trunk and distribution cables

IEC 61196-8-2:2012
Coaxial communication cables – Part 8-2: Detail
specification for 50-047 type semi-flexible cables with
solid polytetrafluoroethylene (PTFE) insulation

IEC 61196-8-3:2012
Coaxial communication cables – Part 8-3: Detail
specification for 50-086 type semi-flexible cables with
solid polytetrafluoroethylene (PTFE) insulation

IEC 61196-8-4:2012
Coaxial communication cables – Part 8-4: Detail
specification for 50-141 type semi-flexible cables with
solid polytetrafluoroethylene (PTFE) insulation

IEC 61196-8-5:2012
Coaxial communication cables – Part 8-5: Detail
specification for 50-250 type semi-flexible cables with
solid polytetrafluoroethylene (PTFE) insulation

IEC 61196-8-6:2012
Coaxial communication cables – Part 8-6: Detail
specification for 75-047 type semi-flexible cables with
solid polytetrafluoroethylene (PTFE) insulation

IEC 61196-8-7:2012
Coaxial communication cables – Part 8-7: Detail
specification for 75-086 type semi-flexible cables with
solid polytetrafluoroethylene (PTFE) insulation

IEC 61196-8-8:2012
Coaxial communication cables – Part 8-8: Detail
specification for 75-141 type semi-flexible cables with
solid polytetrafluoroethylene (PTFE) insulation

IEC 61196-8-9:2012
Coaxial communication cables – Part 8-9: Detail
specification for 75-250 type semi-flexible cables with
solid polytetrafluoroethylene (PTFE) insulation

33.120.30 RF konektori

Europska normizacija CENELEC

EN 62037-3:2012

Passive RF and microwave devices, intermodulation level measurement – Part 3: Measurement of passive intermodulation in coaxial connectors (IEC 62037-3:2012)

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Međunarodna normizacija IEC

IEC 62075:2012

Audio/video, information and communication technology equipment – Environmentally conscious design

33.160.40 Videosustavi

Europska normizacija CENELEC

EN 50132-7:2012

Alarm systems – CCTV surveillance systems for use in security applications – Part 7: Application guidelines

33.160.50 Pribor

Međunarodna normizacija IEC

IEC 61094-8:2012

Measurement microphones – Part 8: Methods for determining the free-field sensitivity of working standard microphones by comparison

33.170 Televizijski i radijski prijenos

Europska normizacija ETSI

EN 300 468 V1.13.1:2012

Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems

ETSI TS 102 831 V1.2.1:2012

Digital Video Broadcasting (DVB) – Implementation guidelines for a second generation digital terrestrial television broadcasting system (DVB-T2)

ETSI TS 103 176 V1.1.1:2012

Digital Audio Broadcasting (DAB) – Rules of implementation – Service information features

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija CENELEC

EN 60794-2-11:2012

Optical fibre cables – Part 2-11: Indoor optical fibre cables – Detailed specification for simplex and duplex cables for use in premises cabling (IEC 60794-2-11:2012)

EN 60794-2-21:2012

Optical fibre cables – Part 2-21: Indoor optical fibre cables – Detailed specification for multi-fibre optical distribution cables for use in premises cabling (IEC 60794-2-21:2012)

Međunarodna normizacija IEC

IEC 60794-1-23:2012

Optical fibre cables – Part 1-23: Generic specification – Basic optical cable test procedures – Cable element test methods

33.180.20 Svjetlovodne vezne naprave

Europska normizacija CENELEC

EN 50516-1-1:2011/AC:2012

Industrial connector sets and interconnect components to be used in optical fibre control and communication systems – Product specifications – Part 1-1: Type SC-RJ PC industrial terminated on EN 60793-2-10 category A1a and A1b multimode fibre to meet the requirements of category I (industrial environments) as specified in IEC/PAS 61753-1-3

EN 61754-28:2012

Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 28: Type LF3 connector family (IEC 61754-28:2012)

Međunarodna normizacija IEC

IEC 61300-2-10:2012

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-10: Tests – Crush resistance

IEC 61300-3-44:2012

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-44: Examinations and measurements – Fibre optic transceiver receptacle endface visual and automated inspection

IEC 61753-061-2:2012

Fibre optic interconnecting devices and passive components – Performance standard – Part 061-2: Non-connectorized single-mode fibre optic pigtailed isolators for category C – Controlled environments

33.180.99 Ostala svjetlovodna oprema

Europska normizacija CENELEC

EN 61757-1:2012

Fibre optic sensors – Generic specification (IEC 61757-1:2012)

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija CENELEC

EN 50239:1999/AC:2012

Railway applications – Radio remote control system of traction vehicle for freight traffic

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija ISO

ISO/IEC 20000-3:2012
Information technology – Service management –
Part 3: Guidance on scope definition and applicability
of ISO/IEC 20000-1

IEC

IEC 60950-1 AMD 1/Corrigendum 1:2012
Information technology equipment – Safety – Part 1:
General requirements; Amendment 1; Corrigendum 1

35.040 Skupovi znakova i kodiranje informacija

Međunarodna normizacija ISO

ISO/IEC 14496-3:2009/Cor 3:2012
Information technology – Coding of audio-visual
objects – Part 3: Audio; Technical Corrigendum 3

ISO/IEC 14496-3:2009/Amd 3:2012
Information technology – Coding of audio-visual
objects – Part 3: Audio – Amendment 3: Transport of
unified speech and audio coding (USAC)

ISO/IEC 14496-4:2004/Amd 9:2006/Cor 2:2012
Information technology – Coding of audio-visual
objects – Part 3: Audio – Amendment 9: AVC
fidelity range extensions conformance; Technical
Corrigendum 2

ISO/IEC TR 15938-11:2005/Amd 1:2012
Information technology – Multimedia content
description Interface – Part 11: MPEG-7 profile
schemas – Amendment 1: Audiovisual description
profile (AVDP) schema

ISO/IEC 19790:2012
Information technology – Security techniques –
Security requirements for cryptographic modules

ISO/IEC TR 20004:2012
Information technology – Security techniques –
Refining software vulnerability analysis under
ISO/IEC 15408 and ISO/IEC 18045

ISO/IEC 23000-6:2012
Information technology – Multimedia application format
(MPEG-A) – Part 6: Professional archival application
format

ISO/IEC 23003-1:2007/Cor 4:2012
Information technology – MPEG audio technologies
– Part 1: MPEG Surround; Technical Corrigendum 4

ISO/IEC 23003-1:2007/Amd 2:2008/Cor 3:2012
Information technology – MPEG audio technologies –
Part 1: MPEG Surround – Amendment 2: Reference
software; Technical Corrigendum 3

ISO/IEC 23003-2:2010/Cor 1:2012
Information technology – MPEG audio technologies –
Part 2: Spatial Audio Object Coding (SAOC); Technical
Corrigendum 1

ISO/IEC 23003-3:2012/Cor 1:2012
Information technology – MPEG audio technologies
– Part 3: Unified speech and audio coding; Technical
Corrigendum 1

ISO/IEC 23007-1:2010/Amd 1:2012/Cor 1:2012
Information technology – Rich media user interfaces –
Part 1: Widgets – Amendment 1: Widget extensions;
Technical Corrigendum 1

ISO/IEC TR 24800-1:2012
Information technology – JPSearch – Part 1: System
framework and components

ISO/IEC 24800-3:2010/Cor 1:2012
Information technology – JPSearch – Part 3: Query
format; Technical Corrigendum 1
ISO/IEC 27033-2:2012
Information technology – Security techniques –
Network security – Part 2: Guidelines for the design
and implementation of network security

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Međunarodna normizacija ISO

ISO/IEC 1539-1:2010/Cor 1:2012
Information technology – Programming languages
– Fortran – Part 1: Base language; Technical
Corrigendum 1

ISO/IEC 29500-1:2012
Information technology – Document description and
processing languages – Office Open XML File Formats
– Part 1: Fundamentals and Markup Language
Reference

ISO/IEC 29500-2:2012
Information technology – Document description and
processing languages – Office Open XML File Formats
– Part 2: Open Packaging Conventions

ISO/IEC 29500-3:2012
Information technology – Document description and
processing languages – Office Open XML File Formats
– Part 3: Markup Compatibility and Extensibility

ISO/IEC 29500-4:2012
Information technology – Document description and
processing languages – Office Open XML File Formats
– Part 4: Transitional Migration Features

ISO/IEC/IEEE 31320-1:2012
Information technology – Modeling Languages – Part
1: Syntax and Semantics for IDEF0

ISO/IEC/IEEE 31320-2:2012
Information technology – Modeling Languages – Part
2: Syntax and Semantics for IDEF1X97 (IDEFobject)

35.080 Softver (programaska podrška)

Međunarodna normizacija ISO

ISO/IEC TR 15026-1:2010/Cor 1:2012
Systems and software engineering – Systems and
software assurance – Part 1: Concepts and vocabulary

ISO/IEC 17998:2012
Information technology – SOA Governance Framework

ISO/IEC TR 29110-5-1-1:2012
Software engineering – Lifecycle profiles for Very
Small Entities (VSEs) – Part 5-1-1: Management and
engineering guide: Generic profile group: Entry profile

35.100.05 Višeslojna primjena

Međunarodna normizacija ISO

ISO/IEC 17998:2012
Information technology – SOA Governance Framework

35.100.10 Fizikalni sloj

Međunarodna normizacija ISO

ISO/IEC 17982:2012
Information technology – Telecommunications and information exchange between systems – Close Capacitive Coupling Communication Physical Layer (CCCC PHY)

35.100.30 Mrežni sloj

Međunarodna normizacija ISO

ISO/IEC 18051:2012
Information technology – Telecommunications and information exchange between systems – Services for Computer Supported Telecommunications Applications (CSTA) Phase III

ISO/IEC 18052:2012
Information technology – Telecommunications and information exchange between systems – ASN.1 for Computer Supported Telecommunications Applications (CSTA) Phase III

ISO/IEC 18056:2012
Information technology – Telecommunications and information exchange between systems – XML Schema Definitions for Computer Supported Telecommunications Applications (CSTA) Phase III

35.100.60 Sloj prikazivanja

Međunarodna normizacija ISO

ISO/IEC 8825-2:2008/Corr.2:2012
Information technology – ASN.1 encoding rules: Specification of Packed Encoding Rules (PER)

35.100.70 Sloj primjene

Međunarodna normizacija ISO

ISO/IEC 9594-2:2008/Cor 2:2012
Information technology – Open Systems Interconnection – The Directory: Models; Technical Corrigendum 2

ISO/IEC 9594-3:2008/Cor 2:2012
Information technology – Open Systems Interconnection – The Directory: Abstract service definition; Technical Corrigendum 2

ISO/IEC 9594-5:2008/Cor 2:2012
Information technology – Open Systems Interconnection – The Directory: Protocol specifications; Technical Corrigendum 2

ISO/IEC 9594-6:2008/Cor 2:2012
Information technology – Open Systems Interconnection – The Directory: Selected attribute types; Technical Corrigendum 2

ISO/IEC 9594-7:2008/Cor 1:2012
Information technology – Open Systems Interconnection – The Directory: Selected object classes; Technical Corrigendum 1

ISO/IEC 9594-8:2008/Cor 2:2012
Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks; Technical Corrigendum 2

35.110 Umrežavanje

Međunarodna normizacija ISO

ISO/IEC TR 29181-1:2012
Information technology – Future Network – Problem statement and requirements – Part 1: Overall aspects

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija ISO

ISO/IEC TR 13066:2012
Information technology – Interoperability with assistive technology (AT) – Part 3: IAccessible2 accessibility application programming interface (API)

35.200 Sučelna i spojna oprema

Europska normizacija CENELEC

EN 62541-7:2012
OPC unified architecture – Part 7: Profiles (IEC 62541-7:2012)

EN 62541-9:2012
OPC unified architecture – Part 9: Alarms and conditions (IEC 62541-9:2012)

EN 62541-10:2012
OPC unified architecture – Part 10: Programs (IEC 62541-10:2012)

35.220.20 Magnetne naprave za pohranu podataka

Međunarodna normizacija ISO

ISO/IEC 1001:2012
Information technology – File structure and labelling of magnetic tapes for information interchange

35.240.15 Identifikacijske kartice i pripadajuće naprave

Europska normizacija ETSI

ETSI TS 101 220 V11.1.0:2012
Smart Cards – ETSI numbering system for telecommunication application providers (Release 11)

ETSI TS 102 226 V9.5.0:2012
Smart Cards – Remote APDU structure for UICC based applications (Release 9)

ETSI TS 102 226 V10.1.0:2012
Smart Cards – Remote APDU structure for UICC based applications (Release 10)

ETSI TS 102 226 V11.1.0:2012
Smart Cards – Remote APDU structure for UICC based applications (Release 11)

ETSI TS 102 310 V8.3.0:2012
Smart Cards – Extensible Authentication Protocol support in the UICC (Release 8)

- ETSI TS 102 310 V9.1.0:2012
Smart Cards – Extensible Authentication Protocol support in the UICC (Release 9)
- ETSI TS 102 484 V11.0.0:2012
Smart Cards – Secure channel between a UICC and an end-point terminal (Release 11)
- ETSI TS 102 613 V7.10.0:2012
Smart Cards – UICC – Contactless Front-end (CLF) Interface – Part 1: Physical and data link layer characteristics (Release 7)
- ETSI TS 102 613 V8.3.0:2012
Smart Cards – UICC – Contactless Front-end (CLF) Interface – Part 1: Physical and data link layer characteristics (Release 8)
- ETSI TS 102 613 V9.3.0:2012
Smart Cards – UICC – Contactless Front-end (CLF) Interface – Part 1: Physical and data link layer characteristics (Release 9)
- ETSI TS 102 613 V10.0.0:2012
Smart Cards – UICC – Contactless Front-end (CLF) Interface – Part 1: Physical and data link layer characteristics (Release 10)
- ETSI TS 102 613 V11.0.0:2012
Smart Cards – UICC – Contactless Front-end (CLF) Interface – Part 1: Physical and data link layer characteristics (Release 11)
- ETSI TS 102 694-1 V9.0.0:2012
Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 1: Terminal features (Release 9)
- ETSI TS 102 694-2 V9.2.0:2012
Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 2: UICC features (Release 9)

Međunarodna normizacija ISO

- ISO/IEC 10373-6:2011/Amd 3:2012
Identification cards – Test methods – Part 6: Proximity cards – Amendment 3: Exchange of additional parameters, block numbering, unmatched AFI and TR2
- ISO/IEC 14443-2:2010/Amd 2:2012
Identification cards – Contactless integrated circuit cards – Proximity cards – Part 2: Radio frequency power and signal interface – Amendment 2: Additional PICC classes
- ISO/IEC 14443-3:2011/Amd 2:2012
Identification cards – Contactless integrated circuit cards – Proximity cards – Part 3: Initialization and anticollision – Amendment 2: Bit rates of $fc/8$, $fc/4$ and $fc/2$, frame size from 512 bytes to 4 096 bytes and minimum TR0
- ISO/IEC 14443-4:2008/Amd 2:2012
Identification cards – Contactless integrated circuit cards – Proximity cards – Part 4: Transmission protocol – Amendment 2: Bit rates of $fc/8$, $fc/4$ and $fc/2$, protocol activation of PICC Type A and frame size from 512 bytes to 4 096 bytes

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CENELEC

- EN 62665:2012
Multimedia systems and equipment – Multimedia e-publishing and e-books technologies – Texture map for auditory presentation of printed texts (IEC 62665:2012)

Međunarodna normizacija ISO

- ISO/IEC 9541-1:2012
Information technology – Font information interchange – Part 1: Architecture
- ISO/IEC 9541-2:2012
Information technology – Font information interchange – Part 2: Interchange format
- ISO/IEC 9541-3:2012
Information technology – Font information interchange – Part 3: Glyph shape representation
- ISO 26162:2012
Systems to manage terminology, knowledge and content – Design, implementation and maintenance of terminology management systems
- ISO/IEC 29500-1:2012
Information technology – Document description and processing languages – Office Open XML File Formats – Part 1: Fundamentals and Markup Language Reference
- ISO/IEC 29500-2:2012
Information technology – Document description and processing languages – Office Open XML File Formats – Part 2: Open Packaging Conventions
- ISO/IEC 29500-3:2012
Information technology – Document description and processing languages – Office Open XML File Formats – Part 3: Markup Compatibility and Extensibility
- ISO/IEC 29500-4:2012
Information technology – Document description and processing languages – Office Open XML File Formats – Part 4: Transitional Migration Features

35.240.50 Primjene IT-a u industriji

Europska normizacija CENELEC

- EN 61987-11:2012
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 11: List of Properties (LOP) of measuring equipment for electronic data exchange – Generic structures (IEC 61987-11:2012)
- EN 62541-7:2012
OPC unified architecture – Part 7: Profiles (IEC 62541-7:2012)
- EN 62541-9:2012
OPC unified architecture – Part 9: Alarms and conditions (IEC 62541-9:2012)
- EN 62541-10:2012
OPC unified architecture – Part 10: Programs (IEC 62541-10:2012)

Međunarodna normizacija ISO

- ISO 18435-2:2012
Industrial automation systems and integration – Diagnostics, capability assessment and maintenance applications integration – Part 2: Descriptions and definitions of application domain matrix elements

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija CEN

- CWA 16504:2012
Simplified multilateral EDI – Secure electronic data interchange in non-hierarchical networks
- CWA 16505:2012
Container Security & Tracking Devices – Technical Specifications and Communication Standards
- EN ISO 17261:2012
Intelligent transport systems – Automatic vehicle and equipment identification – Intermodal goods transport architecture and terminology (ISO 17261:2012)
- EN ISO 17262:2012
Intelligent transport systems – Automatic vehicle and equipment identification – Numbering and data structures (ISO 17262:2012)
- EN ISO 17263:2012
Intelligent transport systems – Automatic vehicle and equipment identification – System parameters (ISO 17263:2012)

CENELEC

- CLC/TR 50501-2:2012
Railway applications – Rolling stock – Intercommunication between vehicles and train/wayside – Part 2: Technical contents of standardization work in the field of intercommunication
- EN 61375-1:2012
Electronic railway equipment – Train communication network (TCN) – Part 1: General architecture (IEC 61375-1:2012)
- EN 61375-2-1:2012
Electronic railway equipment – Train communication network (TCN) – Part 2-1: Wire Train Bus (WTB) (IEC 61375-2-1:2012)
- EN 61375-2-2:2012
Electronic railway equipment – Train communication network (TCN) – Part 2-2: Wire Train Bus conformance testing (IEC 61375-2-2:2012)
- EN 61375-3-1:2012
Electronic railway equipment – Train communication network (TCN) – Part 3-1: Multifunction Vehicle Bus (MVB) (IEC 61375-3-1:2012)
- EN 61375-3-2:2012
Electronic railway equipment – Train communication network (TCN) – Part 3-2: MVB (Multifunction Vehicle Bus) conformance testing (IEC 61375-3-2:2012)
- EN 61375-3-3:2012
Electronic railway equipment – Train communication network (TCN) – Part 3-3: CANopen Consist Network (CCN) (IEC 61375-3-3:2012)

ETSI

- ETSI TS 102 797-1 V1.1.1:2012
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for ITS station management (ISO 24102) – Part 1: Protocol Implementation Conformance Statement (PICS) specification
- ETSI TS 102 797-2 V1.1.1:2012
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for ITS station management (ISO 24102) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)

- ETSI TS 102 797-3 V1.1.1:2012
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for ITS station management (ISO 24102) – Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma
- ETSI ES 200 674-1 V2.3.1:2012
Intelligent Transport Systems (ITS) – Road Transport and Traffic Telematics (RTTT) – Dedicated Short Range Communications (DSRC) – Part 1: Technical characteristics and test methods for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band

Međunarodna normizacija ISO

- ISO 14533-1:2012
Processes, data elements and documents in commerce, industry and administration – Long term signature profiles – Part 1: Long term signature profiles for CMS Advanced Electronic Signatures (CAeS)
- ISO 14533-2:2012
Processes, data elements and documents in commerce, industry and administration – Long term signature profiles – Part 2: Long term signature profiles for XML Advanced Electronic Signatures (XAeS)
- ISO 17261:2012
Intelligent transport systems – Automatic vehicle and equipment identification – Intermodal goods transport architecture and terminology
- ISO 17262:2012
Intelligent transport systems – Automatic vehicle and equipment identification – Numbering and data structures
- ISO 17263:2012
Intelligent transport systems – Automatic vehicle and equipment identification – System parameters
- ISO/IEC 18046-3:2012
Information technology – Radio frequency identification device performance test methods – Part 3: Test methods for tag performance
- ISO/IEC 18047-6:2012
Information technology – Radio frequency identification device conformance test methods – Part 6: Test methods for air interface communications at 860 MHz to 960 MHz
- ISO/TR 25100:2012
Intelligent transport systems – Systems architecture – Harmonization of ITS data concepts
- ISO/PAS 28005-1:2012
Ships and marine technology – Electronic port clearance (EPC) – Part 1: Message structures – Implementation of a maritime single window system

35.240.70 Primjene IT-a u znanosti

Europska normizacija CEN

- EN ISO 19144-1:2012/AC:2012
Geographic information – Classification systems – Part 1: Classification system structure (ISO 19144-1:2009/Cor 1:2012)

Međunarodna normizacija ISO

- ISO 19144-1:2009/Cor 1:2012
Geographic information – Classification systems – Part 1: Classification system structure

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Europska normizacija CEN

- EN ISO 1828:2012
Health informatics – Categorial structure for terminological systems of surgical procedures (ISO 1828:2012)

Međunarodna normizacija ISO

- ISO 1828:2012
Health informatics – Categorial structure for terminological systems of surgical procedures
- ISO/TR 13054:2012
Knowledge management of health information standards
- ISO/TR 14639-1:2012
Health informatics – Capacity-based eHealth architecture roadmap – Part 1: Overview of national eHealth initiatives

IEC

- IEC 60601-2-44:2009/am1:2012
Medical electrical equipment – Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography
- IEC 60601-2-44 Edition 3.1:2012
Medical electrical equipment – Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija CEN

- EN ISO 16484-5:2012
Building automation and control systems – Part 5: Data communication protocol (ISO 16484-5:2012)

Međunarodna normizacija ISO

- ISO 12188-2:2012
Tractors and machinery for agriculture and forestry – Test procedures for positioning and guidance systems in agriculture – Part 2: Testing of satellite-based auto-guidance systems during straight and level travel
- ISO 16484-5:2012
Building automation and control systems – Part 5: Data communication protocol
- ISO/IEC TR 29181-1:2012
Information technology – Future Network – Problem statement and requirements – Part 1: Overall aspects

37.020 Optička oprema

Međunarodna normizacija ISO

- ISO 9211-4:2012
Optics and photonics – Optical coatings – Part 4: Specific test methods

ISO 23584-2:2012

Optics and photonics – Specification of reference dictionary – Part 2: Classes' and properties' definitions

37.100.10 Oprema za umnožavanje

Međunarodna normizacija ISO

- ISO/IEC 19752:2004/Corr.1:2012
Information technology – Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components
- ISO/IEC 19798:2007/Corr.1:2012
Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components
- ISO/IEC 24711:2007/Corr.1:2012
Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components

39.040.01 Urarstvo općenito

Međunarodna normizacija ISO

- ISO 6426-2:2002/Amd 1:2012
Horological vocabulary – Part 2: Technical and commercial definitions

43.020 Cestovna vozila općenito

Međunarodna normizacija ISO

- ISO 13209-2:2012
Road vehicles – Open Test sequence eXchange format (OTX) – Part 2: Core data model specification and requirements
- ISO 13209-3:2012
Road vehicles – Open Test sequence eXchange format (OTX) – Part 3: Standard extensions and requirements

43.040.10 Električna i elektronička oprema

Europska normizacija CENELEC

- EN 62196-1:2012/AC:2012
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements

Međunarodna normizacija ISO

- ISO 6722-1:2011/Cor 1:2012
Road vehicles – 60 V and 600 V single-core cables – Part 1: Dimensions, test methods and requirements for copper conductor cables
- ISO 8820-8:2012
Road vehicles – Fuse-links – Part 8: Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450 V
- ISO 26262-10:2012
Road vehicles – Functional safety – Part 10: Guideline on ISO 26262

- ISO 27145-1:2012
Road vehicles – Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements – Part 1: General information and use case definition
- ISO 27145-2:2012
Road vehicles – Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements – Part 2: Common data dictionary
- ISO 27145-3:2012
Road vehicles – Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements – Part 3: Common message dictionary
- ISO 27145-4:2012
Road vehicles – Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements – Part 4: Connection between vehicle and test equipment

43.040.50 Prijenosi i ovjesi

Međunarodna normizacija ISO

- ISO 4209-2:2012
Truck and bus tyres and rims (metric series) – Part 2: Rims

43.080.10 Teretna vozila i prikolice

Europska normizacija CEN

- EN 12252:2012
LPG equipment and accessories – Equipping of LPG road tankers

43.120 Električna cestovna vozila

Europska normizacija CENELEC

- EN 62196-1:2012/AC:2012
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements

Međunarodna normizacija ISO

- ISO 23274-2:2012
Hybrid-electric road vehicles – Exhaust emissions and fuel consumption measurements – Part 2: Externally chargeable vehicles

43.140 Motocikli i mopedi

Međunarodna normizacija ISO

- ISO 4129:2012
Road vehicles – Mopeds – Symbols for controls, indicators and tell-tales
- ISO 6727:2012
Road vehicles – Motorcycles – Symbols for controls, indicators and tell-tales
- ISO 6855-1:2012
Mopeds – Measurement method for gaseous exhaust emissions and fuel consumption – Part 1: General test requirements

- ISO 6855-2:2012
Mopeds – Measurement method for gaseous exhaust emissions and fuel consumption – Part 2: Test cycles and specific test conditions
- ISO 6855-3:2012
Mopeds – Measurement method for gaseous exhaust emissions and fuel consumption – Part 3: Fuel consumption measurement at a constant speed
- ISO 13063:2012
Electrically propelled mopeds and motorcycles – Safety specifications
- ISO 13064-1:2012
Battery-electric mopeds and motorcycles – Performance – Part 1: Reference energy consumption and range
- ISO 13064-2:2012
Battery-electric mopeds and motorcycles – Performance – Part 2: Road operating characteristics

43.180 Oprema za dijagnostiku, održavanje i ispitivanje

Međunarodna normizacija ISO

- ISO 27145-1:2012
Road vehicles – Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements – Part 1: General information and use case definition
- ISO 27145-2:2012
Road vehicles – Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements – Part 2: Common data dictionary
- ISO 27145-3:2012
Road vehicles – Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements – Part 3: Common message dictionary
- ISO 27145-4:2012
Road vehicles – Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements – Part 4: Connection between vehicle and test equipment

45.020 Željeznička tehnika općenito

Europska normizacija CENELEC

- CLC/TR 50501-2:2012
Railway applications – Rolling stock – Intercommunication between vehicles and train/wayside – Part 2: Technical contents of standardization work in the field of intercommunication

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija CEN

- EN 15437-2:2012
Railway applications – Axlebox condition monitoring – Interface and design requirements – Part 2: Performance and design requirements of on-board systems for temperature monitoring

CENELEC

EN 50388:2012/AC:2012

Railway Applications – Power supply and rolling stock – Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability

Međunarodna normizacija IEC

IEC 60571:2012

Railway applications – Electronic equipment used on rolling stock

IEC 61881-2:2012

Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 2: Aluminium electrolytic capacitors with non-solid electrolyte

IEC 61881-3:2012

Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors

45.060.10 Vučna vozila

Europska normizacija CENELEC

EN 50239:1999/AC:2012

Railway applications – Radio remote control system of traction vehicle for freight traffic

47.020.10 Trupovi i njihovi sastavni elementi

Međunarodna normizacija ISO

ISO 3434:2012

Ships and marine technology – Heated glass panes for ships' rectangular windows

47.020.90 Brodski sustavi ventilacije, klimatizacije i grijanja

Međunarodna normizacija ISO

ISO 3434:2012

Ships and marine technology – Heated glass panes for ships' rectangular windows

47.020.99 Ostale norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija ISO

ISO 13073-1:2012

Ships and marine technology – Risk assessment on anti-fouling systems on ships – Part 1: Marine environmental risk assessment method of biocidally active substances used for anti-fouling systems on ships

ISO 28004-1:2007/Cor 1:2012

Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 1: General principles

ISO/PAS 28005-1:2012

Ships and marine technology – Electronic port clearance (EPC) – Part 1: Message structures – Implementation of a maritime single window system

47.040 Morska plovila

Međunarodna normizacija ISO

ISO 11209:2012

Ships and marine technology – Large yachts – Deck crane and access gangways strength requirements

49.025.30 Titan

Europska normizacija CEN

EN 3464:2012

Aerospace series – Titanium alloy (Ti-6Al-4V) – Annealed – Plate – 6 mm < a ≤ 100 mm

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija CEN

EN 2591-403:2012

Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration

Međunarodna normizacija ISO

ISO 8816:1993/Amd 1:2012

Aircraft – Solid-state remote power controllers – General requirements

ISO 8843:2005/Amd 1:2012

Aircraft – Crimp-removable contacts for electrical connectors – Identification system

IEC

IEC 62396-2:2012

Process management for avionics – Atmospheric radiation effects – Part 2: Guidelines for single event effects testing for avionics systems

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija CEN

EN 2591-403:2012

Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration

EN 3745-510:2012

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

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

- ISO 11227:2012
Space systems – Test procedure to evaluate spacecraft material ejecta upon hypervelocity impact
- ISO 14721:2012
Space data and information transfer systems – Open archival information system (OAIS) – Reference model
- ISO 16159:2012
Space systems – Launch pad and integration site – Facility, system and equipment failure analysis

53.020.20 Dizalice

Međunarodna normizacija ISO

- ISO 4306-2:2012
Cranes – Vocabulary – Part 2: Mobile cranes

53.060 Industrijski prijevozni sustavi

Europska normizacija CEN

- EN ISO 3691-1:2012
Industrial trucks – Safety requirements and verification – Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks

Međunarodna normizacija ISO

- ISO 13564-1:2012
Powered industrial trucks – Test methods for verification of visibility – Part 1: Sit-on and stand-on operator trucks and variable-reach trucks up to and including 10 t capacity

53.100 Strojevi za zemljane radove

Europska normizacija CEN

- EN ISO 6165:2012
Earth-moving machinery – Basic types – Identification and terms and definitions (ISO 6165:2012)

Međunarodna normizacija ISO

- ISO 6165:2012
Earth-moving machinery – Basic types – Identification and terms and definitions

55.180.10 Kontejneri opće namjene

Europska normizacija CEN

- CWA 16505:2012
Container Security & Tracking Devices – Technical Specifications and Communication Standards

59.060.01 Tekstilna vlakna općenito

Međunarodna normizacija ISO

- ISO 13029:2012
Textiles – Determination of drying rate in dynamic state by the modified sweating-guarded hotplate

59.080.01 Tekstili općenito

Međunarodna normizacija ISO

- ISO 105-A11:2012
Textiles – Tests for colour fastness – Part A11: Determination of colour fastness grades by digital imaging techniques
- ISO 11092:1993/Amd 1:2012
Textiles – Physiological effects – Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test)
- ISO 13629-1:2012
Textiles – Determination of antifungal activity of textile products – Part 1: Luminescence method

59.080.30 Tekstilni proizvodi

Europska normizacija CEN

- EN ISO 4920:2012
Textile fabrics – Determination of resistance to surface wetting (spray test) (ISO 4920:2012)

59.080.40 Naslojeni plošni tekstil

Međunarodna normizacija ISO

- ISO 3303-1:2012
Rubber- or plastics-coated fabrics – Determination of bursting strength – Part 1: Steel-ball method
- ISO 3303-2:2012
Rubber- or plastics-coated fabrics – Determination of bursting strength – Part 2: Hydraulic method

59.080.50 Užad

Europska normizacija CEN

- EN ISO 1140:2012
Fibre ropes – Polyamide – 3-, 4-, 8- and 12-strand ropes (ISO 1140:2012)
- EN ISO 1141:2012
Fibre ropes – Polyester – 3-, 4-, 8- and 12-strand ropes (ISO 1141:2012)
- EN ISO 1346:2012
Fibre ropes – Polypropylene split film, monofilament and multifilament (PP2) and polypropylene high-tenacity multifilament (PP3) – 3-, 4-, 8- and 12-strand ropes (ISO 1346:2012)

Međunarodna normizacija ISO

- ISO 1140:2012
Fibre ropes – Polyamide – 3-, 4-, 8- and 12-strand ropes

- ISO 1141:2012
Fibre ropes – Polyester – 3-, 4-, 8- and 12-strand ropes
- ISO 1346:2012
Fibre ropes – Polypropylene split film, monofilament and multifilament (PP2) and polypropylene high-tenacity multifilament (PP3) – 3-, 4-, 8- and 12-strand ropes

59.080.60 Tekstilne podne obloge

Međunarodna normizacija ISO

- ISO 4919:2012
Carpets – Determination of tuft withdrawal force

59.080.70 Geotekstili

Europska normizacija CEN

- EN ISO 10772:2012
Geotextiles – Test method for the determination of the filtration behaviour of geotextiles under turbulent water flow conditions (ISO 10772:2012)
- EN ISO 10776:2012
Geotextiles and geotextile-related products – Determination of water permeability characteristics normal to the plane, under load (ISO 10776:2012)

Međunarodna normizacija ISO

- ISO 10772:2012
Geotextiles – Test method for the determination of the filtration behaviour of geotextiles under turbulent water flow conditions
- ISO 10776:2012
Geotextiles and geotextile-related products – Determination of water permeability characteristics normal to the plane, under load

59.140.30 Koža i krzno

Europska normizacija CEN

- EN ISO 17131:2012
Leather – Identification of leather with microscopy (ISO 17131:2012)

Međunarodna normizacija ISO

- ISO 17131:2012
Leather – Identification of leather with microscopy

61.060 Obuća

Europska normizacija CEN

- CEN ISO/TR 16178:2012
Footwear – Critical substances potentially present in footwear and footwear components (ISO/TR 16178:2012)

65.060.01 Poljoprivredni strojevi i oprema općenito

Međunarodna normizacija ISO

- ISO 4254-13:2012
Agricultural machinery – Safety – Part 13: Large rotary mowers
- ISO 12188-2:2012
Tractors and machinery for agriculture and forestry – Test procedures for positioning and guidance systems in agriculture – Part 2: Testing of satellite-based auto-guidance systems during straight and level travel

65.060.35 Oprema za navodnjavanje i isušivanje

Međunarodna normizacija ISO

- ISO 15886-3:2012
Agricultural irrigation equipment – Sprinklers – Part 3: Characterization of distribution and test methods

65.060.80 Oprema za šumarstvo

Međunarodna normizacija ISO

- ISO 6533:2012
Forestry machinery – Portable chain-saw front hand-guard – Dimensions and clearances
- ISO 6534:2007/Amd 1:2012
Forestry machinery – Portable chain-saw hand-guards – Mechanical strength
- ISO 7914:2002/Amd 1:2012
Forestry machinery – Portable chain-saws – Minimum handle clearance and sizes

67.060 Žitarice, mahunarke i proizvodi od žitarica i mahunarka

Europska normizacija CEN

- CEN/TR 16324:2012
Technical report of the interlaboratory study for the determination of besatz in common wheat, rye and durum wheat
- EN ISO 11747:2012
Rice – Determination of rice kernel resistance to extrusion after cooking (ISO 11747:2012)

Međunarodna normizacija ISO

- ISO 11747:2012
Rice – Determination of rice kernel resistance to extrusion after cooking

67.220.10 Mirodije i začini

Europska normizacija CEN

- EN ISO 927:2009/AC:2012
Spices and condiments – Determination of extraneous matter and foreign matter content – Technical Corrigendum 1 (ISO 927:2009/Cor 1:2012)

**Međunarodna normizacija
ISO**

ISO 927:2009/Cor 1:2012
Spices and condiments – Determination of extraneous matter and foreign matter content; Technical Corrigendum 1

67.240 Senzorske analize

**Međunarodna normizacija
ISO**

ISO 3972:2011/Cor 1:2012
Sensory analysis – Methodology – Method of investigating sensitivity of taste

**71.040.10 Kemijski laboratoriji.
Laboratorijska oprema**

**Europska normizacija
CENELEC**

EN 61010-2-091:2012
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-091: Particular requirements for cabinet x- ray systems (IEC 61010-2-091:2012)

**71.040.50 Fizikalnokemijske metode
analize**

**Europska normizacija
CENELEC**

EN 61010-2-091:2012
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-091: Particular requirements for cabinet x- ray systems (IEC 61010-2-091:2012)

**Međunarodna normizacija
ISO**

ISO 16592:2012
Microbeam analysis – Electron probe microanalysis – Guidelines for determining the carbon content of steels using a calibration curve method

**71.040.99 Ostale norme koje se odnose na
analitičku kemiju**

Međunarodna normizacija

ISO 15632:2012
Microbeam analysis – Selected instrumental performance parameters for the specification and checking of energy-dispersive X-ray spectrometers for use in electron probe microanalysis

ISO 22029:2012
Microbeam analysis – EMSA/MAS standard file format for spectral-data exchange

**71.100.10 Materijali za proizvodnju
aluminija**

**Međunarodna normizacija
ISO**

ISO 11706:2012
Carbonaceous materials for the production of aluminium – Prebaked anodes – Determination of the fracture energy

**71.100.30 Eksplozivi. Pirotehnika i
pirotehnička sredstva**

**Europska normizacija
CEN**

EN 16256-1:2012
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 1: Terminology

EN 16256-2:2012
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 2: Categories of theatrical pyrotechnic articles

EN 16261-1:2012
Pyrotechnic articles – Fireworks, category 4 – Part 1: Terminology

EN 16261-4:2012
Pyrotechnic articles – Fireworks, Category 4 – Part 4: Minimum labelling requirements and instructions for use

71.100.60 Eterična ulja

**Europska normizacija
CEN**

EN 16274:2012
Methods for analysis of allergens – Quantification of suspected fragrance allergens in consumer products – Step 1: GC analysis of ready-to-inject sample

**Međunarodna normizacija
ISO**

ISO 212:2007/Amd 1:2012
Essential oils – Sampling

ISO 3517:2012
Essential oil of neroli (Citrus aurantium L., syn. Citrus amara Link, syn. Citrus bigaradia Loisel, syn. Citrus vulgaris Risso)

71.100.80 Kemikalije za pročišćivanje vode

**Europska normizacija
CEN**

EN 13752:2012
Products used for treatment of water intended for human consumption – Manganese dioxide

71.120.30 Izmjenjivači topline

**Međunarodna normizacija
ISO**

ISO 12211:2012
Petroleum, petrochemical and natural gas industries – Spiral plate heat exchangers

73.040 Ugljen

Međunarodna normizacija ISO

ISO 501:2012
Hard coal – Determination of the crucible swelling number

75.100 Maziva, industrijska ulja i srodni proizvodi

Međunarodna normizacija ISO

ISO 12152:2012
Lubricants, industrial oils and related products – Determination of the foaming and air release properties of industrial gear oils using a spur gear test rig – Flender foam test procedure

IEC

IEC 61394:2011/Corr.1:2012
Overhead lines – Requirements for greases for aluminium, aluminium alloy and steel bare conductors

75.160.20 Tekuća goriva

Europska normizacija CEN

CEN/TR 16389:2012
Automotive fuels – Paraffinic diesel fuel and blends – Background to the parameters required and their respective limits and determination

EN 16270:2012
Automotive fuels – Determination of high-boiling components including fatty acid methyl esters in petrol – Gas chromatographic method

Međunarodna normizacija ISO

ISO 8217:2012
Petroleum products – Fuels (class F) – Specifications of marine fuels

75.180.10 Oprema za iskorištavanje i vađenje

Europska normizacija CEN

EN ISO 19905-1:2012
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 1: Jack-ups (ISO 19905-1:2012)

Međunarodna normizacija ISO

ISO 19905-1:2012
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 1: Jack-ups

75.180.20 Procesna oprema

Europska normizacija CEN

EN ISO 12211:2012
Petroleum, petrochemical and natural gas industries – Spiral plate heat exchangers (ISO 12211:2012)

EN ISO 12212:2012
Petroleum, petrochemical and natural gas industries – Hairpin-type heat exchanger (ISO 12212:2012)

Međunarodna normizacija ISO

ISO 12212:2012
Petroleum, petrochemical and natural gas industries – Hairpin-type heat exchanger

77.040.10 Mehaničko ispitivanje metala

Međunarodna normizacija ISO

ISO 12107:2012
Metallic materials – Fatigue testing – Statistical planning and analysis of data

ISO 12107:2012
Metallic materials – Fatigue testing – Fatigue crack growth method

77.140.10 Toplinski obradivi čelici

Međunarodna normizacija ISO

ISO 683-1:2012
Heat-treatable steels, alloy steels and free-cutting steels – Part 1: Non-alloy steels for quenching and tempering

ISO 683-11:2012
Heat-treatable steels, alloy steels and free-cutting steels – Part 11: Case-hardening steels

77.140.20 Nehrdajući čelici

Međunarodna normizacija ISO

ISO 683-1:2012
Heat-treatable steels, alloy steels and free-cutting steels – Part 1: Non-alloy steels for quenching and tempering

ISO 683-2:2012
Heat-treatable steels, alloy steels and free-cutting steels – Part 2: Alloy steels for quenching and tempering

ISO 683-11:2012
Heat-treatable steels, alloy steels and free-cutting steels – Part 11: Case-hardening steels

77.140.45 Nelegirani čelici

Međunarodna normizacija ISO

ISO 683-1:2012
Heat-treatable steels, alloy steels and free-cutting steels – Part 1: Non-alloy steels for quenching and tempering

77.140.50 Proizvodi i poluproizvodi od plosnatog čelika

Međunarodna normizacija ISO

- ISO 5001:2012
Cold-reduced carbon steel sheet for vitreous enamelling
- ISO 16162:2012
Cold-rolled steel sheet products – Dimensional and shape tolerances
- ISO 16163:2012
Continuously hot-dipped coated steel sheet products – Dimensional and shape tolerances

77.160 Metalurgija praha

Europska normizacija CEN

- EN ISO 5755:2012
Sintered metal materials – Specifications (ISO 5755:2012)

Međunarodna normizacija ISO

- ISO 5755:2012
Sintered metal materials – Specifications
- ISO 13944:2012
Lubricated metal-powder mixes – Determination of lubricant content – Soxhlet extraction method

79.040 Drvo, trupci i piljena građa

Međunarodna normizacija ISO

- ISO 16415:2012
Non-structural timber grading requirements

79.060.10 Uslojeno drvo

Europska normizacija CEN

- EN 636:2012
Plywood – Specifications

79.120.10 Strojevi za obradu drva

Europska normizacija CEN

- EN 1870-5:2002+A2:2012
Safety of woodworking machines – Circular sawing machines – Part 5: Circular sawbenches/up-cutting cross-cut sawing machines
- EN 1870-9:2012
Safety of woodworking machines – Circular sawing machines – Part 9: Double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

- ISO 13383-1:2012
Fine ceramics (advanced ceramics, advanced technical ceramics) – Microstructural characterization – Part 1: Determination of grain size and size distribution
- ISO 13383-2:2012
Fine ceramics (advanced ceramics, advanced technical ceramics) – Microstructural characterization – Part 2: Determination of phase volume fraction by evaluation of micrographs
- ISO 14610:2012
Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for flexural strength of porous ceramics at room temperature

81.080 Vatrostalni materijali

Europska normizacija CEN

- EN ISO 1927-1:2012
Monolithic (unshaped) Refractory Products – Part 1: Introduction and Classification (ISO 1927-1:2012)

83.040.20 Sastojci gume

Međunarodna normizacija ISO

- ISO/TR 16098 – 2012
Reclaimed rubbers and reclaimed crumb rubbers – Evaluation of dispersion in rubber mixes

83.060 Guma

Međunarodna normizacija ISO

- ISO 1431-1:2012
Rubber, vulcanized or thermoplastic – Resistance to ozone cracking – Part 1: Static and dynamic strain testing
- ISO 7270-2:2012
Rubber – Analysis by pyrolytic gas-chromatographic methods – Part 2: Determination of styrene/butadiene/isoprene ratio
- ISO 13145:2012
Rubber – Determination of viscosity and stress relaxation using a rotorless sealed shear rheometer

83.080.01 Plastika općenito

Europska normizacija CEN

- EN ISO 11403-2:2012
Plastics – Acquisition and presentation of comparable multipoint data – Part 2: Thermal and processing properties (ISO 11403-2:2012)
- EN ISO 17556:2012
Plastics – Determination of the ultimate aerobic biodegradability of plastic materials in soil by measuring the oxygen demand in a respirometer or the amount of carbon dioxide evolved (ISO 17556:2012)

Međunarodna normizacija ISO

- ISO 11403-2:2012
Plastics – Acquisition and presentation of comparable multipoint data – Part 2: Thermal and processing properties
- ISO 17556:2012
Plastics – Determination of the ultimate aerobic biodegradability of plastic materials in soil by measuring the oxygen demand in a respirometer or the amount of carbon dioxide evolved

83.080.20 Plastomerni materijali

Međunarodna normizacija ISO

- ISO 12418-1:2012
Plastics – Post-consumer poly(ethylene terephthalate) (PET) bottle recyclates – Part 1: Designation system and basis for specifications
- ISO 12418-2:2012
Plastics – Post-consumer poly(ethylene terephthalate) (PET) bottle recyclates – Part 2: Preparation of test specimens and determination of properties

83.100 Pjenasti materijali

Međunarodna normizacija ISO

- ISO 1922:2012
Rigid cellular plastics – Determination of shear strength
- ISO 9772:2012
Cellular plastics – Determination of horizontal burning characteristics of small specimens subjected to a small flame

85.060 Papir i karton

Međunarodna normizacija ISO

- ISO 11093-8:2012
Paper and board – Testing of cores – Part 8: Determination of natural frequency and flexural modulus by experimental modal analysis

85.100 Oprema za papirnu industriju

Europska normizacija CEN

- EN 1034-17:2012
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 17: Tissue making machines
- EN 1034-21:2012
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 21: Coating machines
- EN 1034-27:2012
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 27: Roll handling systems

87.020 Procesi premazivanja bojom

Međunarodna normizacija ISO

- ISO 19840:2012
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Measurement of, and acceptance criteria for, the thickness of dry films on rough surfaces

87.040 Boje i lakovi

Europska normizacija CEN

- EN ISO 9117-4:2012
Paints and varnishes – Drying tests – Part 4: Test using a mechanical recorder (ISO 9117-4:2012)
- EN ISO 9117-5:2012
Paints and varnishes – Drying tests – Part 5: Modified Bandow-Wolff test (ISO 9117-5:2012)

Međunarodna normizacija ISO

- ISO 9117-4:2012
Paints and varnishes – Drying tests – Part 4: Test using a mechanical recorder
- ISO 9117-5:2012
Paints and varnishes – Drying tests – Part 5: Modified Bandow-Wolff test

87.100 Oprema za premazivanje bojom

Europska normizacija CENELEC

- EN 50177:2009/A1:2012
Stationary electrostatic application equipment for ignitable coating powders – Safety requirements

91.040.01 Građevine općenito

Međunarodna normizacija ISO

- ISO 11855-1:2012
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 1: Definition, symbols, and comfort criteria
- ISO 11855-4:2012
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS)
- ISO 13153:2012
Framework of the design process for energy-saving single-family residential and small commercial buildings

91.080.30 Zidarstvo

Europska normizacija

CEN

EN 846-5:2012

Methods of test for ancillary components for masonry – Part 5: Determination of tensile and compressive load capacity and load displacement characteristics of wall ties (couplet test)

EN 846-6:2012

Methods of test for ancillary components for masonry – Part 6: Determination of tensile and compressive load capacity and load displacement characteristics of wall ties (single end test)

EN 846-7:2012

Methods of test for ancillary components for masonry – Part 7: Determination of shear load capacity and load displacement characteristics of shear ties and slip ties (couplet test for mortar joint connections)

91.080.40 Betonske konstrukcije

Međunarodna normizacija

ISO

ISO 16204:2012

Durability – Service life design of concrete structures

91.100.15 Mineralni materijali i proizvodi

Europska normizacija

CEN

EN 1744-8:2012

Tests for chemical properties of aggregates – Part 8: Sorting test to determine metal content of Municipal Incinerator Bottom Ash (MIBA) aggregates

91.100.30 Beton i betonski proizvodi

Europska normizacija

CEN

EN 12390-1:2012

Testing hardened concrete – Part 1: Shape, dimensions and other requirements for specimens and moulds

EN 12504-2:2012

Testing concrete in structures – Part 2: Non-destructive testing – Determination of rebound number

Međunarodna normizacija

ISO

ISO 14824-1:2012

Grout for prestressing tendons – Part 1: Basic requirements

ISO 14824-2:2012

Grout for prestressing tendons – Part 2: Grouting procedures

ISO 14824-3:2012

Grout for prestressing tendons – Part 3: Test methods

91.100.40 Proizvodi od vlaknima ojačanog cementa

Europska normizacija

CEN

EN 12467:2012

Fibre-cement flat sheets – Product specification and test methods

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija

CEN

EN 15651-1:2012

Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 1: Sealants for facade elements

EN 15651-2:2012

Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 2: Sealants for glazing

EN 15651-3:2012

Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 3: Sealants for sanitary joints

EN 15651-4:2012

Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 4: Sealants for pedestrian walkways

EN 15651-5:2012

Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 5: Evaluation of conformity and marking

91.140.01 Instalacije u zgradama općenito

Europska normizacija

CEN

EN ISO 16484-5:2012

Building automation and control systems – Part 5: Data communication protocol (ISO 16484-5:2012)

Međunarodna normizacija

ISO

ISO/TR 10295-3:2012

Fire tests for building elements and components – Fire testing of service installations – Part 3: Single component penetration seals – Guidance on the construction and use of test configurations and simulated services to characterise sealing materials

ISO 16484-5:2012

Building automation and control systems – Part 5: Data communication protocol

91.140.30 Sustavi prozračivanja i klimatizacije

Europska normizacija

CENELEC

EN 60335-2-65:2003/A11:2012

Household and similar electrical appliances – Safety – Part 2-65: Particular requirements for air-cleaning appliances

91.140.40 Sustavi opskrbe plinom

Europska normizacija

CEN

CEN/TR 16388:2012

Gas-Specific Environmental Document – Guideline for incorporating within standards to minimize the environmental impact of gas infrastructure across the whole life cycle

91.140.90 Dizala. Pokretne stube

Europska normizacija CEN

EN 81-21:2012

Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 21: New passenger and goods passenger lifts in existing buildings

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Međunarodna normizacija ISO

ISO 22476-1:2012

Geotechnical investigation and testing – Field testing – Part 1: Electrical cone and piezocone penetration test

93.080.10 Gradnja cesta

Međunarodna normizacija ISO

ISO 15688:2012

Road construction and maintenance equipment – Soil stabilizers – Terminology and commercial specifications

93.080.30 Cestovna oprema i instalacije

Europska normizacija CEN

EN 1317-5:2007+A2:2012/AC:2012

Road restraint systems – Part 5: Product requirements and evaluation of conformity for vehicle restraint systems

93.100 Gradnja željezničkih pruga

Europska normizacija CEN

EN 14587-3:2012

Railway applications – Track – Flash butt welding of rails – Part 3: Welding in association with crossing construction

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Europska normizacija CENELEC

EN 60335-2-6:2003/A12:2012

Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances

EN 60335-2-13:2010/A11:2012

Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances

97.040.40 Strojevi za pranje posuđa

Europska normizacija CENELEC

EN 50242:2008/EN 60436:2008/A11:2012

Electric dishwashers for household use – Methods for measuring the performance (IEC 60436:2004/A1:2009, modified + IEC 60436:2004/A2:2012, modified)

97.060 Praonički uređaji

Europska normizacija CENELEC

EN 60335-2-11:2010/A11:2012

Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers

Međunarodna normizacija IEC

IEC 60335-2-7 Edition 7.1/Corr.1:2012

Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines, Corrigendum 1

IEC 62512:2012

Electric clothes washer-dryers for household use – Methods for measuring the performance

97.080 Uređaji za čišćenje podova

Europska normizacija CENELEC

EN 60335-2-2:2010/A11:2012

Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

97.140 Namještaj

Europska normizacija CEN

EN 14988-1:2006+A1:2012

Children's high chairs – Part 1: Safety requirements

97.150 Netekstilni podni prekrivači

Europska normizacija CEN

EN 650:2012

Resilient floor coverings – Polyvinyl chloride floor coverings on jute backing or on polyester felt backing or on a polyester felt with a polyvinyl chloride backing – Specification

Međunarodna normizacija ISO

ISO 10575:2012

Resilient floor coverings – Specification for rubber sheet floor coverings with backing

ISO 10577:2012

Resilient floor coverings – Specification for rubber sheet floor coverings without backing

ISO 11638:2012

Resilient floor coverings – Heterogeneous poly(vinyl chloride) flooring on foam – Specification

97.190 Oprema za djecu

Europska normizacija

CEN

EN 14988-1:2006+A1:2012

Children's high chairs – Part 1: Safety requirements

97.200.50 Igračke

Europska normizacija

CENELEC

EN 62115:2005/A11:2012

Electric toys – Safety

97.220.40 Oprema za sportove na otvorenom i sportove na vodi

Europska normizacija

CEN

EN 892:2012

Mountaineering equipment— Dynamic mountaineering ropes — Safety requirements and test methods