

Hrvatski zavod za norme

Oglasnik za normativne dokumente

5/2012 listopad, 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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2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

A40

3 Popis radnih dokumenata Codex Alimentarius

4 Obavijesti HZN-a

4.1	Cjenik hrvatskih norma	
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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.

HZNTO 6, *Papir, karton i pulpe*

- HRN EN ISO 536:2012 en pr
Papir i karton – Određivanje gramature (ISO 536:2012; EN ISO 536:2012)
Paper and board – Determination of grammage (ISO 536:2012; EN ISO 536:2012)

HZNTO 21, *Protupožarna i vatrogasna oprema*

- HRN EN 13204:2012 en pr
Dvoradni hidraulični alati za spašavanje za uporabu pri gašenju požara i spašavanju – Zahtjevi za sigurnost i svojstva (EN 13204:2004+A1:2012)
Double acting hydraulic rescue tools for fire and rescue service use – Safety and performance requirements (EN 13204:2004+A1:2012)

HZNTO 22, *Cestovna vozila*

- HRN EN 1645-1:2012 en pr
Vozila za odmor – Kamp-prikolice – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1645-1:2012)
Leisure accommodation vehicles – Caravans – Part 1: Habitation requirements relating to health and safety (EN 1645-1:2012)
- HRN EN 1646-1:2012 en pr
Vozila za odmor – Motorne kamp-prikolice – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1646-1:2012)
Leisure accommodation vehicles – Motor caravans – Part 1: Habitation requirements relating to health and safety (EN 1646-1:2012)
- HRN EN 1647:2012 en pr
Vozila za odmor – Kamp-kućice – Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1647:2012)
Leisure accommodation vehicles – Caravan holiday homes – Habitation requirements relating to health and safety (EN 1647:2012)
- HRN EN 1648-1:2012 en pr
Vozila za odmor – Električne instalacije za istosmjernu struju vrlo niskoga napona od 12 V – 1. dio: Kamp-prikolice (EN 1648-1:2012)
Leisure accommodation vehicles – 12 V direct current extra low voltage electrical installations – Part 1: Caravans (EN 1648-1:2012)
- HRN EN 1648-2:2012 en pr
Vozila za odmor – Električne instalacije za istosmjernu struju vrlo niskoga napona od 12 V – 2. dio: Motorne kamp-prikolice (EN 1648-2:2012)
Leisure accommodation vehicles – 12 V direct current extra low voltage electrical installations – Part 2: Motor caravans (EN 1648-2:2012)
- HRN ISO 11452-4:2008/Ispr.1:2012 en pr
Cestovna vozila – Metode ispitivanja sastavnica na električne smetnje od uskopojasnoga zračenja elektromagnetske energije – 4. dio: Metoda uvođenja struje (ISO 11452-4:2005/Cor 1:2009)

Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 4: Bulk current injection (BCI) (ISO 11452-4:2005/Cor 1:2009)

- HRN ISO 11898-1:2003/Ispr.1:2012 en pr
Cestovna vozila – Regulator mrežnog područja (CAN) – 1. dio: Sloj veze između podataka i fizička signalizacija (ISO 11898-1:2003/Cor 1:2006)
Road vehicles – Controller area network (CAN) – Part 1: Data link layer and physical signalling (ISO 11898-1:2003/Cor 1:2006)
- HRN ISO 16844-1:2002/Ispr.1:2012 en pr
Cestovna vozila – Sustavi tahografa – 1. dio: Električni spojnici (ISO 16844-1:2001/Cor 1:2005)
Road vehicles – Tachograph systems – Part 1: Electrical connectors (ISO 16844-1:2001/Cor 1:2005)

HZNTO 28, *Naftni proizvodi i maziva*

- HRS CEN/TS 15940:2012 en pr
Goriva za motorna vozila – Parafinska dizelska goriva dobivena sintezom ili hidroobradom – Zahtjevi i metode ispitivanja (CEN/TS 15940:2012)
Automotive fuels – Paraffinic diesel fuel from synthesis or hydrotreatment – Requirements and test methods (CEN/TS 15940:2012)
- HRN EN 16270:2012 en pr
Goriva za motorna vozila – Određivanje komponenata s visokim vrelištem uključujući metilne estere masnih kiselina u benzinu – Metoda plinske kromatografije (EN 16270:2012)
Automotive fuels – Determination of high-boiling components including fatty acid methyl esters in petrol – Gas chromatographic method (EN 16270:2012)
- HRN EN 16300:2012 en pr
Goriva za motorna vozila – Određivanje jednoga broja u metilnim esterima masnih kiselina (FAME) – Metoda izračunavanja iz plinskromatografskih podataka (EN 16300:2012)
Automotive fuels – Determination of iodine value in fatty acid methyl esters (FAME) – Calculation method from gas chromatographic data (EN 16300:2012)

HZNTO 35, *Boje i lakovi*

- HRN EN ISO 9227:2012 en pr
Ispitivanje korozije u umjetnoj atmosferi – Metoda ispitivanja u slanoj komori (ISO 9227:2012; EN ISO 9227:2012)
Corrosion tests in artificial atmospheres – Salt spray tests (ISO 9227:2012; EN ISO 9227:2012)

HZNTO 44, *Zavarivanje i srodni postupci*

- HRN EN ISO 5172:2008/A1:2012 en pr
Oprema za plinsko zavarivanje – Plamenici za plinsko zavarivanje, zagrijavanje i rezanje – Specifikacije i ispitivanja (ISO 5172:2006/Amd 1:2012; EN ISO 5172:2006/A1:2012)
Gas welding equipment – Blowpipes for gas welding, heating and cutting – Specifications and tests (ISO 5172:2006/Amd 1:2012; EN ISO 5172:2006/A1:2012)
- HRN EN ISO 9455-10:2012 en pr
Talila za meko lemljenje – Metode ispitivanja – 10. dio: Ispitivanje učinkovitosti talila, metoda razlijevanja lema (ISO 9455-10:2012; EN ISO 9455-10:2012)
Soft soldering fluxes – Test methods – Part 10: Flux efficacy test, solder spread method (ISO 9455-10:2012; EN ISO 9455-10:2012)
- HRN EN ISO 13588:2012 en pr
Nerazorno ispitivanje zavarenih spojeva – Ultrazvučno ispitivanje – Upotreba sustava automatske višepretvorničke tehnologije (ISO 13588:2012; EN ISO 13588:2012)
Non-destructive testing of welds – Ultrasonic testing – Use of automated phased array technology (ISO 13588:2012; EN ISO 13588:2012)

HZN/TO 71, *Beton*

- HRN EN 12390-1:2012 en pr
Ispitivanje očvrsloga betona – 1. dio: Oblik, dimenzije i drugi zahtjevi za uzorke i kalupe (EN 12390-1:2012)
Testing hardened concrete – Part 1: Shape, dimensions and other requirements for specimens and moulds (EN 12390-1:2012)
- HRN EN 12504-2:2012 en pr
Ispitivanje betona u konstrukcijama – 2. dio: Nerazorno ispitivanje – Određivanje indeksa sklerometra (EN 12504-2:2012)
Testing concrete in structures – Part 2: Non-destructive testing – Determination of rebound number (EN 12504-2:2012)
- HRI CEN/TR 16349:2012 en pr
Okvir za specifikaciju izbjegavanja štetnosti alkalnosilikatne reakcije (ASR) u betonu (CEN/TR 16349:2012)
Framework for a specification on the avoidance of a damaging Alkali-Silica Reaction (ASR) in concrete (CEN/TR 16349:2012)

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

- HRN EN 14624:2012 en pr
Radne značajke pokretnih i sobnih detektora propuštanja halogeniranih radnih tvari (EN 14624:2012)
Performance of portable leak detectors and of room monitors for halogenated refrigerants (EN 14624:2012)
- HRN EN 14825:2012 en pr
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline s kompresorima na električni pogon za grijanje i hlađenje prostora – Ispitivanje i mjerenje učinka pri uvjetima djelomičnog opterećenja i proračun sezonskih značajki (EN 14825:2012)
Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling – Testing and rating at part load conditions and calculation of seasonal performance (EN 14825:2012)
- HRN EN 15879-1:2012 en pr
Ispitivanje i mjerenje učinka dizalica topline s direktnim izmjenjivačem u tlu i kompresorima na električni pogon za grijanje i hlađenje prostora – 1. dio: Dizalice topline tlo-voda s direktnim izmjenjivačem u tlu (EN 15879-1:2011)
Testing and rating of direct exchange ground coupled heat pumps with electrically driven compressors for space heating and/or cooling – Part 1: Direct exchange-to-water heat pumps (EN 15879-1:2011)
- HRN EN 16084:2012 en pr
Rashladni sustavi i dizalice topline – Kvalifikacija nepropusnosti dijelova i spojeva (EN 16084:2011)
Refrigerating systems and heat pumps – Qualification of tightness of components and joints (EN 16084:2011)
- HRN EN ISO 23953-1:2008/A1:2012 en pr
Rashladne vitrine – 1. dio: Terminološki rječnik (ISO 23953-1:2005/Amd 1:2012; EN ISO 23953-1:2005/A1:2012)
Refrigerated display cabinets – Part 1: Vocabulary (ISO 23953-1:2005/Amd 1:2012; EN ISO 23953-1:2005/A1:2012)
- HRN EN ISO 23953-2:2008/A1:2012 en pr
Rashladne vitrine – 2. dio: Razredba, zahtjevi i ispitni uvjeti (ISO 23953-2:2005/Amd 1:2012; EN ISO 23953-2:2005/A1:2012)
Refrigerated display cabinets – Part 2: Classification, requirements and test conditions (ISO 23953-2:2005/Amd 1:2012; EN ISO 23953-2:2005/A1:2012)

HZN/TO 89, *Furniri i drvene ploče*

- HRN EN 636:2012 en pr
Uslojeno drvo – Specifikacije (EN 636:2012)
Plywood – Specifications (EN 636:2012)

HZN/TO 120, *Koža i obuća*

- HRN EN 14602:2012 en pr
Obuća – Metode ispitivanja za ocjenjivanje ekoloških mjerila (EN 14602:2012)
Footwear – Test methods for the assessment of ecological criteria (EN 14602:2012)
- HRI CEN ISO/TR 16178:2012 en pr
Obuća – Štetne tvari potencijalno prisutne u obući i dijelovima obuće (ISO/TR 16178:2012; CEN ISO/TR 16178:2012)
Footwear – Critical substances potentially present in footwear and footwear components (ISO/TR 16178:2012; CEN ISO/TR 16178:2012)

HZN/TO 121, *Anestetička i respiracijska oprema*

- HRN EN ISO 8359:2010/A1:2012 en pr
Konzentratori kisika za medicinsku uporabu – Sigurnosni zahtjevi – Amandman 1 (ISO 8359:1996/Amd 1:2012; EN ISO 8359:2009/A1:2012)
Oxygen concentrators for medical use – Safety requirements – Amendment 1 (ISO 8359:1996/Amd 1:2012; EN ISO 8359:2009/A1:2012)

HZN/TO 136, *Namještaj*

- HRI CEN/TR 14699:2012 hr,en,fr,de pp
Uredski namještaj – Nazivlje (CEN/TR 14699:2004)
Office furniture – Terminology (CEN/TR 14699:2004)

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

- HRS CEN/TS 12666-2:2012 en pr
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Polietilen (PE) – 2. dio: Smjernice za ocjenjivanje sukladnosti (CEN/TS 12666-2:2012)
Plastics piping systems for non-pressure underground drainage and sewerage – Polyethylene (PE) – Part 2: Guidance for the assessment of conformity (CEN/TS 12666-2:2012)

HZN/TO 146, *Kvaliteta zraka*

- HRN EN 14211:2012 en pr
Vanjski zrak – Standardna metoda za mjerenje koncentracije dušikova dioksida i dušikova monoksida u zraku kemiluminiscenijom (EN 14211:2012)
Ambient air – Standard method for the measurement of the concentration of nitrogen dioxide and nitrogen monoxide by chemiluminescence (EN 14211:2012)
- HRN EN 14212:2012 en pr
Vanjski zrak – Standardna metoda za mjerenje koncentracije sumporova dioksida u zraku ultraljubičastom fluorescencijom (EN 14212:2012)
Ambient air – Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence (EN 14212:2012)
- HRN EN 14625:2012 en pr
Vanjski zrak – Standardna metoda za mjerenje koncentracije ozona ultraljubičastom fotometrijom (EN 14625:2012)
Ambient air – Standard method for the measurement of the concentration of ozone by ultraviolet photometry (EN 14625:2012)
- HRN EN 14626:2012 en pr
Vanjski zrak – Standardna metoda za mjerenje koncentracije ugljikova monoksida nedisperzivnom infracrvenom spektroskopijom (EN 14626:2012)
Ambient air – Standard method for the measurement of the concentration of carbon monoxide by non-dispersive infrared spectroscopy (EN 14626:2012)
- HRN EN ISO 16000-26:2012 en pr
Zrak u zatvorenome prostoru – 26. dio: Strategija uzorkovanja za ugljikov dioksid (ISO 16000-26:2012; EN ISO 16000-26:2012)

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

HZN/TO 147, Kvaliteta vode

HRN ISO 6107-6:2012 hr,en,fr,ru pr
Kvaliteta vode – Terminološki rječnik – 6. dio (ISO 6107-6:2004)
Water quality – Vocabulary – Part 6 (ISO 6107-6:2004)

HZN/TO 165, Drvene konstrukcije

HRN EN 14592:2012 en pr
Drvene konstrukcije – Štapasta spajala – Zahtjevi (EN 14592:2008+A1:2012)
Timber structures – Dowel-type fasteners – Requirements (EN 14592:2008+A1:2012)

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

HRN EN 81-21:2012 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za transport osoba i tereta – 21. dio: Nova osobna dizala i osobna teretna dizala u postojećim zgradama (EN 81-21:2009+A1:2012)
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 building (EN 81-21:2009+A1:2012)

HZN/TO 179, Zidane konstrukcije

HRN EN 846-14:2012 en pr
Metode ispitivanja pomoćnih dijelova zida – 14. dio: Određivanje početne posmične čvrstoće između predgotovljenoga dijela spregnutog nadvoja i zida iznad njega (EN 846-14:2012)
Methods of test for ancillary components for masonry – Part 14: Determination of the initial shear strength between the prefabricated part of a composite lintel and the masonry above it (EN 846-14:2012)

HZN/TO 182, Geotehničke konstrukcije

HRS CEN ISO/TS 22475-2:2012 en pr
Geotechnical investigation and testing – Sampling methods and groundwater measurements – Part 2: Qualification criteria for enterprises and personnel (ISO/TS 22475-2:2006; CEN ISO/TS 22475-2:2006)

HRS CEN ISO/TS 22475-3:2012 en pr
Geotehničko istraživanje i ispitivanje – Metode uzorkovanja i mjerenja razine podzemne vode – 3. dio: Neovisna ocjena sukladnosti organizacije i osoblja (ISO/TS 22475-3:2007; CEN ISO/TS 22475-3:2007)
Geotechnical investigation and testing – Sampling methods and groundwater measurements – Part 3: Conformity assessment of enterprises and personnel by third party (ISO/TS 22475-3:2007; CEN ISO/TS 22475-3:2007)

HRN EN ISO 22476-1:2012 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 1. dio: Ispitivanje električnim statičkim prodiranjem bez mjerenja pornoga tlaka i s mjerenjem pornoga tlaka (ISO 22476-1:2012; EN ISO 22476-1:2012)
Geotechnical investigation and testing – Field testing – Part 1: Electrical cone and piezocone penetration test (ISO 22476-1:2012; EN ISO 22476-1:2012)

HRS CEN ISO/TS 22476-10:2012 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 10. dio: Ispitivanje s pomoću prodiranja utega (WST) (ISO/TS 22476-10:2005; CEN ISO/TS 22476-10:2005)
Geotechnical investigation and testing – Field testing – Part 10: Weight sounding test (ISO/TS 22476-10:2005; CEN ISO/TS 22476-10:2005)

HRS CEN ISO/TS 22476-11:2012 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 11. dio: Ispitivanje plosnatim dilatometrom (DMT) (ISO 22476-11:2005; CEN ISO/TS 22476-11:2005)
Geotechnical investigation and testing – Field testing – Part 11: Flat dilatometer test (ISO 22476-11:2005; CEN ISO/TS 22476-11:2005)

HZN/TO 218, Drvo

HRI CEN/TR 15003:2012 en pr
Trajnost drva i proizvoda na osnovi drva – Kriteriji sterilizacije drva primjenom vrućeg zraka protiv organizama razarača drva (CEN/TR 15003:2012)
Durability of wood and wood-based products – Criteria for hot air processes for curative uses against wood destroying organisms (CEN/TR 15003:2012)

HZN/TO 503, Metalni materijali

HRN EN 1254-6:2012 en pr
Bakar i legure bakra – Vodovodne spojnice – 6. dio: Spojnice s krajevima za naglavljivanje (EN 1254-6:2012)
Copper and copper alloys – Plumbing fittings – Part 6: Fittings with push-fit ends (EN 1254-6:2012)

HRN EN 1254-8:2012 en pr
Bakar i legure bakra – Vodovodne spojnice – 8. dio: Spojnice s krajevima za utiskivanje za upotrebu s plastičnim i višeslojnim cijevima (EN 1254-8:2012)
Copper and copper alloys – Plumbing fittings – Part 8: Fittings with press ends for use with plastics and multilayer pipes (EN 1254-8:2012)

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 8611-1:2012 en pr
Palete za rukovanje materijalima – Plošne palete – 1. dio: Ispitne metode (ISO 8611-1:2011; EN ISO 8611-1:2012)
Pallets for materials handling – Flat pallets – Part 1: Test methods (ISO 8611-1:2011; EN ISO 8611-1:2012)

HRN EN ISO 8611-2:2012 en pr
Palete za rukovanje materijalima – Plošne palete – 2. dio: Izvedbeni zahtjevi i izbor načina ispitivanja (ISO 8611-2:2011; EN ISO 8611-2:2012)
Pallets for materials handling – Flat pallets – Part 2: Performance requirements and selection of tests (ISO 8611-2:2011; EN ISO 8611-2:2012)

HRN EN ISO 8611-3:2012 en pr
Palete za rukovanje materijalima – Plošne palete – 3. dio: Najveće radno opterećenje (ISO 8611-3:2011; EN ISO 8611-3:2012)
Pallets for materials handling – Flat pallets – Part 3: Maximum working loads (ISO 8611-3:2011; EN ISO 8611-3:2012)

HRI CEN/TR 16353:2012 en pr
Ambalaža – Sigurnosne smjernice za savitljivu plastičnu ambalažu kako bi se smanjio rizik od gušenja djece (CEN/TR 16353:2012)
Packaging – Safety guidelines for flexible plastic packaging to minimize the risk of suffocation to children (CEN/TR 16353:2012)

HZN/TO 524, Cestovni prijevoz i prometna telematika

HRN EN ISO 17261:2012 en pr
Inteligentni transportni sustavi – Automatska identifikacija vozila i opreme – Arhitektura podataka i nazivlje za kontejnerski prijevoz roba (ISO 17261:2012; EN ISO 17261:2012)
Intelligent transport systems – Automatic vehicle and equipment identification – Intermodal goods transport architecture and terminology (ISO 17261:2012; EN ISO 17261:2012)

- HRN EN ISO 17262:2012 en pr
Inteligentni transportni sustavi – Automatska identifikacija vozila i opreme – Brojčano označavanje i struktura podataka (ISO 17262:2012; EN ISO 17262:2012)
Intelligent transport systems – Automatic vehicle and equipment identification – Numbering and data structures (ISO 17262:2012; EN ISO 17262:2012)
- HRN EN ISO 17263:2012 en pr
Inteligentni transportni sustavi – Automatska identifikacija vozila i opreme – Parametri sustava (ISO 17263:2012; EN ISO 17263:2012)
Intelligent transport systems – Automatic vehicle and equipment identification – System parameters (ISO 17263:2012; EN ISO 17263:2012)

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

- HRN EN 12467:2012 en pr
Ravne ploče od cementa ojačanog vlaknima – Specifikacija proizvoda i metode ispitivanja (EN 12467:2012)
Fibre-cement flat sheets – Product specification and test methods (EN 12467:2012)

HZN/TO 528, Oprema za željeznice

- HRN EN 13103:2012 en pr
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Slobodne osovine – Metode konstruiranja (EN 13103:2009+A2:2012)
Railway applications – Wheelsets and bogies – Non-powered axles – Design method (EN 13103:2009+A2:2012)
- HRN EN 13481-1:2012 en pr
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 1. dio: Definicije (EN 13481-1:2012)
Railway applications – Track – Performance requirements for fastening systems – Part 1: Definitions (EN 13481-1:2012)
- HRN EN 13481-2:2012 en pr
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnoga pričvrsnog pribora – 2. dio: Kolosiječni pričvrсни pribor za betonske pragove (EN 13481-2:2012)
Railway applications – Track – Performance requirements for fastening systems – Part 2: Fastening systems for concrete sleepers (EN 13481-2:2012)
- HRN EN 13481-3:2012 en pr
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnoga pričvrsnog pribora – 3. dio: Kolosiječni pričvrсни pribor za drvene pragove (EN 13481-3:2012)
Railway applications – Track – Performance requirements for fastening systems – Part 3: Fastening systems for wood sleepers (EN 13481-3:2012)
- HRN EN 13481-4:2012 en pr
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnoga pričvrsnog pribora – 4. dio: Kolosiječni pričvrсни pribor za čelične pragove (EN 13481-4:2012)
Railway applications – Track – Performance requirements for fastening systems – Part 4: Fastening systems for steel sleepers (EN 13481-4:2012)
- HRN EN 13481-5:2012 en pr
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnoga pričvrsnog pribora – 5. dio: Kolosiječni pričvrсни pribor za kolosijek na čvrstoj podlozi (EN 13481-5:2012)
Railway applications – Track – Performance requirements for fastening systems – Part 5: Fastening systems for slab track with rail on the surface or rail embedded in a channel (EN 13481-5:2012)

- HRN EN 13481-7:2012 en pr
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnoga pričvrsnog pribora – 7. dio: Specijalni kolosiječni pričvrсни pribor za skretnice, križišta i tračnice vodilice (EN 13481-7:2012)
Railway applications – Track – Performance requirements for fastening systems – Part 7: Special fastening systems for switches and crossings and check rails (EN 13481-7:2012)

HZN/TO 531, Plastika i guma

- HRN EN ISO 11403-2:2012 en pr
Plastika – Prikupljanje i prikaz usporedivih podataka dobivenih iz više mjerenja u širem ispitnom području – 2. dio: Toplinska i preradbeno svojstva (ISO 11403-2:2012; 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 11403-2:2012)

HZN/TO 534, Spremnici za teret

- HRN EN 16257:2012 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema – Mjere podnožnog ventila osim 100 mm u promjeru (nazivno) (EN 16257:2012)
Tanks for the transport of dangerous goods – Service equipment – Footvalve sizes other than 100 mm dia (nom) (EN 16257:2012)

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

- HRN EN 572-1:2012 en pr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 1. dio: Definicije i opća fizikalna i mehanička svojstva (EN 572-1:2012)
Glass in building – Basic soda lime silicate glass products – Part 1: Definitions and general physical and mechanical properties (EN 572-1:2012)
- HRN EN 572-2:2012 en pr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 2. dio: "Float" staklo (EN 572-2:2012)
Glass in building – Basic soda lime silicate glass products – Part 2: Float glass (EN 572-2:2012)
- HRN EN 572-3:2012 en pr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 3. dio: Polirano žičano staklo (EN 572-3:2012)
Glass in building – Basic soda lime silicate glass products – Part 3: Polished wired glass (EN 572-3:2012)
- HRN EN 572-4:2012 en pr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 4. dio: Vučeno staklo (EN 572-4:2012)
Glass in building – Basic soda lime silicate glass products – Part 4: Drawn sheet glass (EN 572-4:2012)
- HRN EN 572-5:2012 en pr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 5. dio: Ornamentno staklo (EN 572-5:2012)
Glass in building – Basic soda lime silicate glass products – Part 5: Patterned glass (EN 572-5:2012)
- HRN EN 572-6:2012 en pr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 6. dio: Ornamentno žičano staklo (EN 572-6:2012)
Glass in building – Basic soda lime silicate glass products – Part 6: Wired patterned glass (EN 572-6:2012)
- HRN EN 572-7:2012 en pr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 7. dio: Profilno žičano i nežičano staklo (EN 572-7:2012)

Glass in building – Basic soda lime silicate glass products – Part 7: Wired or unwired channel shaped glass (EN 572-7:2012)

- HRN EN 572-8:2012 en pr
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 8. dio: Isporučive i konačno rezane mjere (EN 572-8:2012)
Glass in building – Basic soda lime silicate glass products – Part 8: Supplied and final cut sizes (EN 572-8:2012)

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

- HRN EN ISO 9908:2008/A1:2012 en pr
Tehničke specifikacije za centrifugalne pumpe – III. razred – Amandman 1 (ISO 9908:1993/Amd 1:2011; EN ISO 9908:1997/A1:2011)
Technical specifications for centrifugal pumps – Class III – Amendment 1 (ISO 9908:1993/Amd 1:2011; EN ISO 9908:1997/A1:2011)
- HRN EN ISO 16484-5:2012 en pr
Digitalni sustavi upravljanja u zgradama (BACS) – 5. dio: Podatkovni komunikacijski protokol (ISO 16484-5:2012; EN ISO 16484-5:2012)
Building automation and control systems – Part 5: Data communication protocol (ISO 16484-5:2012; EN ISO 16484-5:2012)
- HRN EN ISO 17769-1:2012 en, fr, de, ru pr
Pumpe za kapljevine i ugradnja – Opći uvjeti, definicije, količine, slovne oznake i jedinice – 1. dio: Pumpe za kapljevine (ISO 17769-1:2012; 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 17769-1:2012)

HZN/TO 544, Strojni elementi

- HRN EN ISO 898-5:2012 en pr
Mehanička svojstva spojnih elemenata izrađenih od ugljičnih i legiranih čelika – 5. dio: Zatični vijci i slični spojni elementi specifičanog razreda čvrstoće – Grubi i fini navoj (ISO 898-5:2012; EN ISO 898-5:2012)
Mechanical properties of fasteners made of carbon steel and alloy steel – Part 5: Set screws and similar threaded fasteners with specified hardness classes – Coarse thread and fine pitch thread (ISO 898-5:2012; EN ISO 898-5:2012)
- HRN EN ISO 1207:2012 en pr
Vijci stožaste glave s urezom – Proizvod razreda A (ISO 1207:2011; EN ISO 1207:2011)
Slotted cheese head screws – Product grade A (ISO 1207:2011; EN ISO 1207:2011)
- HRN EN ISO 1479:2012 en pr
Vijci za lim sa šesterokutnom glavom (ISO 1479:2011; EN ISO 1479:2011)
Hexagon head tapping screws (ISO 1479:2011; EN ISO 1479:2011)
- HRN EN ISO 1481:2012 en pr
Vijci za lim s valjkastom zaobljenom glavom s urezom (ISO 1481:2011; EN ISO 1481:2011)
Slotted pan head tapping screws (ISO 1481:2011; EN ISO 1481:2011)
- HRN EN ISO 1482:2012 en pr
Vijci za lim s upuštenom (ravnom) glavom s urezom (ISO 1482:2011; EN ISO 1482:2011)
Slotted countersunk (flat) head tapping screws (ISO 1482:2011; EN ISO 1482:2011)
- HRN EN ISO 1483:2012 en pr
Vijci za lim s upuštenom lećastom glavom s urezom (ISO 1483:2011; EN ISO 1483:2011)
Slotted raised countersunk (oval) head tapping screws (ISO 1483:2011; EN ISO 1483:2011)

- HRN EN ISO 2702:2012 en pr
Toplinski obrađeni čelični vijci za lim – Mehanička svojstva (ISO 2702:2011; EN ISO 2702:2011)
Heat-treated steel tapping screws – Mechanical properties (ISO 2702:2011; EN ISO 2702:2011)
- HRN EN ISO 4014:2012 en pr
Vijci sa šesterokutnom glavom – Proizvod razreda A i B (ISO 4014:2011; EN ISO 4014:2011)
Hexagon head bolts – Product grades A and B (ISO 4014:2011; EN ISO 4014:2011)
- HRN EN ISO 4016:2012 en pr
Vijci sa šesterokutnom glavom – Proizvod razreda C (ISO 4016:2011; EN ISO 4016:2011)
Hexagon head bolts – Product grade C (ISO 4016:2011; EN ISO 4016:2011)
- HRN EN ISO 4017:2012 en pr
Vijci sa šesterokutnom glavom i navojem do glave – Proizvod razreda A i B (ISO 4017:2011; EN ISO 4017:2011)
Hexagon head screws – Product grades A and B (ISO 4017:2011; EN ISO 4017:2011)
- HRN EN ISO 4018:2012 en pr
Vijci sa šesterokutnom glavom i navojem do glave – Proizvod razreda C (ISO 4018:2011; EN ISO 4018:2011)
Hexagon head screws – Product grade C (ISO 4018:2011; EN ISO 4018:2011)
- HRN EN ISO 4753:2012 en pr
Spojni elementi – Vrhovi vijaka s metričkim vanjskim navojem prema ISO (ISO 4753:2011; EN ISO 4753:2011)
Fasteners – Ends of parts with external ISO metric thread (ISO 4753:2011; EN ISO 4753:2011)
- HRN EN ISO 4766:2012 en pr
Zatični vijak s urezom i ravnim vrhom (ISO 4766:2011; EN ISO 4766:2011)
Slotted set screws with flat point (ISO 4766:2011; EN ISO 4766:2011)
- HRN EN ISO 7048:2012 en pr
Vijci sa stožastom glavom s križnim upustom (ISO 7048:2011; EN ISO 7048:2011)
Cross-recessed cheese head screws (ISO 7048:2011; EN ISO 7048:2011)
- HRN EN ISO 7049:2012 en pr
Vijci za lim s valjkastom zaobljenom glavom s križnim upustom (ISO 7049:2011; EN ISO 7049:2011)
Cross recessed pan head tapping screws (ISO 7049:2011; EN ISO 7049:2011)
- HRN EN ISO 7050:2012 en pr
Samonarezni vijci s križnim upuštanjem i upuštenom (ravnom) glavom (ISO 7050:2011; EN ISO 7050:2011)
Cross-recessed countersunk (flat) head tapping screws (ISO 7050:2011; EN ISO 7050:2011)
- HRN EN ISO 7051:2012 en pr
Samonarezni vijci s križnim upuštanjem i upuštenom (ovalnom) glavom (ISO 7051:2011; EN ISO 7051:2011)
Cross-recessed raised countersunk (oval) head tapping screws (ISO 7051:2011; EN ISO 7051:2011)
- HRN EN ISO 7053:2012 en pr
Vijci sa šesterokutnom prirubnom glavom (ISO 7053:2011; EN ISO 7053:2011)
Hexagon washer head tapping screws (ISO 7053:2011; EN ISO 7053:2011)
- HRN EN ISO 7380-1:2012 en pr
Vijci zaobljene glave – 1. dio: Vijci zaobljene glave sa šesterokutnim upustom (ISO 7380-1:2011; EN ISO 7380-1:2011)
Button head screws – Part 1: Hexagon socket button head screws (ISO 7380-1:2011; EN ISO 7380-1:2011)

- HRN EN ISO 7380-2:2012 en pr
Vijci zaobljene glave – 2. dio: Vijci zaobljenje glave sa šesterokutnim upustom i naglavkom (ISO 7380-2:2011; EN ISO 7380-2:2011)
Button head screws – Part 2: Hexagon socket button head screws with collar (ISO 7380-2:2011; EN ISO 7380-2:2011)
- HRN EN ISO 8676:2012 en pr
Vijci sa šesterokutnom glavom i finim metričkim navojem – Proizvod razreda A i B (ISO 8676:2011; EN ISO 8676:2011)
Hexagon head screws with metric fine pitch thread – Product grades A and B (ISO 8676:2011; EN ISO 8676:2011)
- HRN EN ISO 8765:2012 en pr
Vijci sa šesterokutnom glavom i finim metričkim navojem – Proizvod razreda A i B (ISO 8765:2011; EN ISO 8765:2011)
Hexagon head bolts with metric fine pitch thread – Product grades A and B (ISO 8765:2011; EN ISO 8765:2011)
- HRN EN ISO 10510:2012 en pr
Sklopovi vijaka za lim s ravnim podložnim pločicama (ISO 10510:2011; EN ISO 10510:2011)
Tapping screw and washer assemblies with plain washers (ISO 10510:2011; EN ISO 10510:2011)
- HRN EN ISO 14579:2012 en pr
Vijci s valjkastom glavom sa šesterokrakim zvjezdastim upustom (ISO 14579:2011; EN ISO 14579:2011)
Hexalobular socket head cap screws (ISO 14579:2011; EN ISO 14579:2011)
- HRN EN ISO 14580:2012 en pr
Vijci sa stožastom glavom sa šesterokrakim zvjezdastim upustom (ISO 14580:2011; EN ISO 14580:2011)
Hexalobular socket cheese head screws (ISO 14580:2011; EN ISO 14580:2011)
- HRN EN ISO 14583:2012 en pr
Vijci s valjkastom zaobljenom glavom sa šesterokrakim zvjezdastim upustom (ISO 14583:2011; EN ISO 14583:2011)
Hexalobular socket pan head screws (ISO 14583:2011; EN ISO 14583:2011)
- HRN EN ISO 14584:2012 en pr
Vijci s upuštenom glavom oblika leće sa šesterokrakim zvjezdastim upustom (ISO 14584:2011; EN ISO 14584:2011)
Hexalobular socket raised countersunk head screws (ISO 14584:2011; EN ISO 14584:2011)
- HRN EN ISO 14585:2012 en pr
Vijci za lim s valjkastom zaobljenom glavom sa šesterokrakim zvjezdastim upustom (ISO 14585:2011; EN ISO 14585:2011)
Hexalobular socket pan head tapping screws (ISO 14585:2011; EN ISO 14585:2011)
- HRN EN ISO 14586:2012 en pr
Vijci za lim s upuštenom glavom sa šesterokrakim zvjezdastim upustom (ISO 14586:2011; EN ISO 14586:2011)
Hexalobular socket countersunk head tapping screws (ISO 14586:2011; EN ISO 14586:2011)
- HRN EN ISO 14587:2012 en pr
Vijci za lim s upuštenom glavom oblika leće sa šesterokrakim zvjezdastim upustom (ISO 14587:2011; EN ISO 14587:2011)
Hexalobular socket raised countersunk (oval) head tapping screws (ISO 14587:2011; EN ISO 14587:2011)

HZN/TO 551, Gradnja

- HRN EN 15651-1:2012 en pr
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 1. dio: Brtvila za elemente pročelja (EN 15651-1:2012)

Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 1: Sealants for facade elements (EN 15651-1:2012)

- HRN EN 15651-2:2012 en pr
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 2. dio: Brtvila za staklene stijene (EN 15651-2:2012)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 2: Sealants for glazing (EN 15651-2:2012)
- HRN EN 15651-3:2012 en pr
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 3. dio: Brtvila za spojeve sanitarija (EN 15651-3:2012)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 3: Sealants for sanitary joints (EN 15651-3:2012)
- HRN EN 15651-4:2012 en pr
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 4. dio: Brtvila za pješačke staze (EN 15651-4:2012)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 4: Sealants for pedestrian walkways (EN 15651-4:2012)
- HRN EN 15651-5:2012 en pr
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 5. dio: Vrednovanje sukladnosti i označivanje (EN 15651-5:2012)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 5: Evaluation of conformity and marking (EN 15651-5:2012)

HZN/TO 553, Predgotovljeni proizvodi

- HRN EN 12004:2012 en pr
Ljepila za pločice – Zahtjevi, vrednovanje sukladnosti, razredba i označivanje (EN 12004:2007+A1:2012)
Adhesives for tiles – Requirements, evaluation of conformity, classification and designation (EN 12004:2007+A1:2012)

HZN/TO 555, Medicinski proizvodi

- HRN EN ISO 13485:2012 en pr
Medicinski uređaji – Sustavi upravljanja kvalitetom – Zahtjevi za zakonsku namjenu (ISO 13485:2003+Cor 1:2009; EN ISO 13485:2012+AC:2012)
Medical devices – Quality management systems – Requirements for regulatory purposes (ISO 13485:2003+Cor 1:2009; EN ISO 13485:2012+AC:2012)
- HRN EN ISO 14971:2012 en pr
Medicinski proizvodi – Primjena upravljanja rizikom za medicinske proizvode (ISO 14971:2007, ispravljena verzija 2007-10-01; EN ISO 14971:2012)
Medical devices – Application of risk management to medical devices (ISO 14971:2007, Corrected version 2007-10-01; EN ISO 14971:2012)
- HRN EN ISO 18113-1:2012 en pr
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 1. dio: Nazivi, definicije i opći zahtjevi (ISO 18113-1:2009; EN ISO 18113-1:2011)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 1: Terms, definitions and general requirements (ISO 18113-1:2009; EN ISO 18113-1:2011)
- HRN EN ISO 18113-2:2012 en pr
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 2. dio: Dijagnostički reagensi za upotrebu in vitro (ISO 18113-2:2009; EN ISO 18113-2:2011)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 2: In vitro diagnostic reagents for professional use (ISO 18113-2:2009; EN ISO 18113-2:2011)

HRN EN ISO 18113-3:2012 en pr
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 3. dio: Dijagnostički uređaji za upotrebu in vitro (ISO 18113-3:2009; EN ISO 18113-3:2011)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 3: In vitro diagnostic instruments for professional use (ISO 18113-3:2009; EN ISO 18113-3:2011)

HRN EN ISO 18113-4:2012 en pr
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 4. dio: Dijagnostički reagensi za samoispitivanje in vitro (ISO 18113-4:2009; EN ISO 18113-4:2011)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 4: In vitro diagnostic reagents for self-testing (ISO 18113-4:2009; EN ISO 18113-4:2011)

HRN EN ISO 18113-5:2012 en pr
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 5. dio: Dijagnostički uređaji za samoispitivanje in vitro (ISO 18113-5:2009; EN ISO 18113-5:2011)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 5: In vitro diagnostic instruments for self-testing (ISO 18113-5:2009; EN ISO 18113-5:2011)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 4920:2012 en pr
Tkanine – Određivanje otpornosti na površinsko vlaženje (ispitivanje raspršivanjem) (ISO 4920:2012; EN ISO 4920:2012)
Textile fabrics – Determination of resistance to surface wetting (spray test) (ISO 4920:2012; EN ISO 4920:2012)

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

HRN EN 1440:2012 en pr
Oprema i pribor za UNP – Periodični pregled prenosivih, ponovno punjivih boca za UNP (EN 1440:2008+A1:2012)
LPG equipment and accessories – Periodic inspection of transportable refillable LPG cylinders (EN 1440:2008+A1:2012)

HRN EN 12493:2012 en pr
Oprema i pribor za UNP – Zavareni čelični tlačni spremnici za ukapljeni naftni plin (UNP) – Projektiranje i proizvodnja spremnika za cestovna vozila (EN 12493:2008+A1:2012)
LPG equipment and accessories – Welded steel tanks for liquefied petroleum gas (LPG) – Road tankers design and manufacture (EN 12493:2008+A1:2012)

HRN EN 13480-1:2012 en pr
Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2012)
Metallic industrial piping – Part 1: General (EN 13480-1:2012)

HRN EN 13480-2:2012 en pr
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2012)
Metallic industrial piping – Part 2: Materials (EN 13480-2:2012)

HRN EN 13480-6:2012 en pr
Metalni industrijski cjevovodi – 6. dio: Dodatni zahtjevi za ukopane cjevovode (EN 13480-6:2012)
Metallic industrial piping – Part 6: Additional requirements for buried piping (EN 13480-6:2012)

HZN/TO 563, Sigurnost strojeva

HRN EN 1034-17:2012 en pr
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 17: Tissue making machines (EN 1034-17:2012)

HRN EN 1034-21:2012 en pr
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 21: Coating machines (EN 1034-21:2012)

HRN EN 1034-27:2012 en pr
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 27: Roll handling systems (EN 1034-27:2012)

HZN/TO E2, Rotacijski strojevi

HRN EN 60034-18-31:2012 en pr
Rotacijski električni strojevi – Dio 18-31: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Termička procjena i klasifikacija izolacijskih sustava upotrijebljenih u rotacijskim strojevima (IEC 60034-18-31:2012; EN 60034-18-31:2012)
Rotating electrical machines – Part 18-31: Functional evaluation of insulation systems – Test procedures for form-wound windings – Thermal evaluation and classification of insulation systems used in rotating machines (IEC 60034-18-31:2012; EN 60034-18-31:2012)

HRS CLC/TS 60034-18-33:2012 en pr
Rotacijski električni strojevi – Dio 18-33: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Višeparameterska procjena ispitivanjem izdržljivosti pod simultanim termičkim i električnim naprezanjima (IEC/TS 60034-18-33:2010; CLC/TS 60034-18-33:2011)
Rotating electrical machines – Part 18-33: Functional evaluation of insulation systems – Test procedures for form-wound windings – Multifactor evaluation by endurance under simultaneous thermal and electrical stresses (IEC/TS 60034-18-33:2010; CLC/TS 60034-18-33:2011)

HRS CLC/TS 60034-18-42:2012 en pr
Rotacijski električni strojevi – Dio 18-42: Kvalifikacija i prijamna ispitivanja električnih sustava izolacije otpornih na parcijalna izbijanja (tip II) koji se upotrebljavaju u rotacijskim električnim strojevima napajanim iz pretvarača napona (IEC/TS 60034-18-42:2008; CLC/TS 60034-18-42:2011)
Rotating electrical machines – Part 18-42: Qualification and acceptance tests for partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters (IEC/TS 60034-18-42:2008; CLC/TS 60034-18-42:2011)

HRS CLC/TS 60034-24:2012 en pr
Rotacijski električni strojevi – 24. dio: Otkrivanje praćenjem u radu i dijagnostika potencijalnih kvarova aktivnih dijelova rotacijskih električnih strojeva i kvarova uzrokovanih ležajnim strujama – Vodič za primjenu (IEC/TS 60034-24:2009; CLC/TS 60034-24:2011)
Rotating electrical machines – Part 24: Online detection and diagnosis of potential failures at the active parts of rotating electrical machines and of bearing currents – Application guide (IEC/TS 60034-24:2009; CLC/TS 60034-24:2011)

HRS CLC/TS 60034-25:2012 en pr
Rotacijski električni strojevi – 25. dio – Vodič za konstrukciju i izvedbu izmjeničnih motora posebno konstruiranih za napajanje iz pretvarača (IEC/TS 60034-25:2007; CLC/TS 60034-25:2008)

Rotating electrical machines – Part 25: Guidance for the design and performance of a.c. motors specifically designed for converter supply (IEC/TS 60034-25:2007; CLC/TS 60034-25:2008)

HRS CLC/TS 60034-27:2012 en pr
Rotacijski električni strojevi – 27. dio: Mjerenje parcijalnih izbijanja izvan pogona na izolaciji statorskih svitaka rotacijskih električnih strojeva (IEC/TS 60034-27:2006; CLC/TS 60034-27:2011)
Rotating electrical machines – Part 27: Off-line partial discharge measurements on the stator winding insulation of rotating electrical machines (IEC/TS 60034-27:2006; CLC/TS 60034-27:2011)

HRS CLC/TS 60034-31:2012 en pr
Rotacijski električni strojevi – 31. dio: Izbor energetski učinkovitih motora uključujući primjene promjenjivih brzina – Vodič za primjenu (IEC/TS 60034-31:2010; CLC/TS 60034-31:2011)
Rotating electrical machines – Part 31: Selection of energy-efficient motors including variable speed applications – Application guide (IEC/TS 60034-31:2010; CLC/TS 60034-31:2011)

HZNTO E17, Sklopni i upravljački uređaji

HRN EN 60947-3:2010/A1:2012 en pr
Niskonaponska sklopna aparatura – 3. dio: Sklopke, rastavljači, rastavne sklopke i kombinacije s osiguračima (IEC 60947-3:2008/am1:2012; EN 60947-3:2009/A1:2012)
Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units (IEC 60947-3:2008/am1:2012; EN 60947-3:2009/A1:2012)

HRN EN 61439-3:2012 en pr
Niskonaponski sklopni blokovi – 3. dio: Razvodni blokovi namijenjeni za upravljanje i od nestručnih osoba (IEC 61439-3:2012; EN 61439-3:2012)
Low-voltage switchgear and controlgear assemblies – Part 3: Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2012; EN 61439-3:2012)

HZNTO E23, Električni instalacijski pribor

HRN EN 50557:2012 en pr
Requirements for automatic reclosing devices (ARDs) for circuit breakers-RCBOs-RCCBs for household and similar uses (EN 50557:2011)

HRN EN 60309-2:2002/A2:2012 en pr
Utični pribor za industrijske svrhe – 2. dio: Zahtjevi za mjernu zamjenjivost za šiljke i kontaktne kopče (čahure) (IEC 60309-2:1999/am2:2012; EN 60309-2:1999/A2:2012)
Plugs, socket-outlets and couplers for industrial purposes – Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories (IEC 60309-2:1999/am2:2012; EN 60309-2:1999/A2:2012)

HRN EN 60309-4:2007/A1:2012 en pr
Utični pribor za industrijske svrhe – 4. dio: Utičnice i utični pribor sa sklopkom sa ili bez zaključavanja (IEC 60309-4:2006/am1:2012; EN 60309-4:2007/A1:2012)
Plugs, socket-outlets and couplers for industrial purposes – Part 4: Switched socket-outlets and connectors with or without interlock (IEC 60309-4:2006/am1:2012; EN 60309-4:2007/A1:2012)

HRN EN 60669-2-6:2012 en pr
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 en pr
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 en pr
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 en pr
Articulated systems and flexible systems for cable guiding (IEC 62549:2011; EN 62549:2011)

HZNTO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60061-1:2008/A47:2012 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am47:2011; EN 60061-1:1993/A47:2012)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am47:2011; EN 60061-1:1993/A47:2012)

HRN EN 60432-1:2008/A2:2012 en pr
Žarulje sa žarnom niti – Sigurnosni zahtjevi – 1. dio: Žarulje s volframovom niti za uporabu u kućanstvu i sličnu opću rasvjetnu namjenu (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)

HRN EN 61347-2-2:2012 en pr
Predspojne naprave – Dio 2-2: Posebni zahtjevi za niskonaponske pretvarače namijenjene žaruljama sa žarnom niti koji se napajaju istosmjernom ili izmjeničnom strujom (IEC 61347-2-2:2011; EN 61347-2-2:2012)
Lamp controlgear – Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down converters for filament lamps (IEC 61347-2-2:2011; EN 61347-2-2:2012)

HRN EN 61347-2-7:2012 en pr
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)

HZNTO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-16:2005/A2:2012 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-16: Posebni zahtjevi za drobilice otpadaka hrane (IEC 60335-2-16:2002/am2:2011; EN 60335-2-16:2003/A2:2012)
Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers (IEC 60335-2-16:2002/am2:2011; EN 60335-2-16:2003/A2:2012)

HRN EN 60335-2-2:2005/A11:2011/Ispr.1:2012 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-2: Posebni zahtjevi za usisavače i aparate za čišćenje koji usisavaju vodu (EN 60335-2-2:2003/A11:2010/AC:2012)

- Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (EN 60335-2-2:2003/A11:2010/AC:2012)
- HRN EN 60335-2-23:2005/A11:2011/Ispr.1:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-23: Posebni zahtjevi za aparate za njegu kože ili kose (EN 60335-2-23:2003/A11:2010/AC:2012) Household and similar electrical appliances – Safety – Part 2-23: Particular requirements for appliances for skin or hair care (EN 60335-2-23:2003/A11:2010/AC:2012)
- HRN EN 60335-2-25:2005/A11:2011/Ispr.1:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-25: Posebni zahtjevi za mikrovalne pećnice, uključujući i složene mikrovalne pećnice (EN 60335-2-25:2002/A11:2010/AC:2012) Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens (EN 60335-2-25:2002/A11:2010/AC:2012)
- HRN EN 60335-2-3:2005/A11:2011/Ispr.1:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-3: Posebni zahtjevi za električna glačala (EN 60335-2-3:2002/A11:2010/AC:2012) Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons (EN 60335-2-3:2002/A11:2010/AC:2012)
- HRN EN 60335-2-44:2006/A2:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-44: Posebni zahtjevi za glačalice rublja (IEC 60335-2-44:2002/am2:2011; EN 60335-2-44:2002/A2:2012) Household and similar electrical appliances – Safety – Part 2-44: Particular requirements for ironers (IEC 60335-2-44:2002/am2:2011; EN 60335-2-44:2002/A2:2012)
- HRN EN 60335-2-45:2005/A2:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-45: Posebni zahtjevi za pomična grijana oruđa i slične aparate (IEC 60335-2-45:2002/am2:2011; EN 60335-2-45:2002/A2:2012) Household and similar electrical appliances – Safety – Part 2-45: Particular requirements for portable heating tools and similar appliances (IEC 60335-2-45:2002/am2:2011; EN 60335-2-45:2002/A2:2012)
- HRN EN 60335-2-51:2008/A2:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-51: Posebni zahtjevi za neprenosive optične crpke uređaja za grijanje (IEC 60335-2-51:2002/am2:2011; EN 60335-2-51:2003/A2:2012) Household and similar electrical appliances – Safety – Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations (IEC 60335-2-51:2002/am2:2011; EN 60335-2-51:2003/A2:2012)
- HRN EN 60335-2-52:2008/A11:2011/Ispr.1:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-52: Posebni zahtjevi za aparate za higijenu usta (EN 60335-2-52:2003/A11:2010/AC:2012) Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances (EN 60335-2-52:2003/A11:2010/AC:2012)
- HRN EN 60335-2-6:2006/A11:2011/Ispr.1:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-6: Posebni zahtjevi za nepomične štednjake, kuhala, pećnice i slične aparate (EN 60335-2-6:2003/A11:2010/AC:2012) 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/A11:2010/AC:2012)
- HRN EN 60335-2-66:2008/A2:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-66: Posebni zahtjevi za grijalice vodnih kreveta (IEC 60335-2-66:2002/am2:2011; EN 60335-2-66:2003/A2:2012) Household and similar electrical appliances – Safety – Part 2-66: Particular requirements for water-bed heaters (IEC 60335-2-66:2002/am2:2011; EN 60335-2-66:2003/A2:2012)
- HRN EN 60335-2-7:2006/A11:2011/Ispr.1:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja (EN 60335-2-7:2003/A11:2010/AC:2012) Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines (EN 60335-2-7:2003/A11:2010/AC:2012)
- HRN EN 60335-2-81:2008/A2:2012 en pr Kućanski i slični električni aparati – Sigurnost – Dio 2-81: Posebni zahtjevi za grijalice nogu i tople hasure (IEC 60335-2-81:2002/am2:2011; EN 60335-2-81:2003/A2:2012) Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats (IEC 60335-2-81:2002/am2:2011; EN 60335-2-81:2003/A2:2012)

HZN/TO E62, Električna oprema u medicinskoj praksi

- HRN EN 60601-1:2008/A11:2012 en pr Medicinski električni uređaji – 1. dio: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke (EN 60601-1:2006/A11:2011) Medical electrical equipment – Part 1: General requirements for basic safety and essential performance (EN 60601-1:2006/A11:2011)
- HRN EN 60601-2-19:2010/A11:2012 en pr Medicinski električni uređaji – Dio 2-19: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke inkubatora za novorođenčad (EN 60601-2-19:2009/A11:2011) Medical electrical equipment – Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators (EN 60601-2-19:2009/A11:2011)
- HRN EN 60601-2-20:2010/A11:2012 en pr Medicinski električni uređaji – Dio 2-20: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke prijevoznih inkubatora za novorođenčad (EN 60601-2-20:2009/A11:2011) Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (EN 60601-2-20:2009/A11:2011)
- HRN EN 60601-2-21:2010/A11:2012 en pr Medicinski električni uređaji – Dio 2-21: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke za grijače novorođenčadi koji griju zračenjem (EN 60601-2-21:2009/A11:2011) Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers (EN 60601-2-21:2009/A11:2011)
- HRN EN 60601-2-2:2010/A11:2012 en pr Medicinski električni uređaji – Dio 2-2: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke visokofrekvencijskih kirurških uređaja i visokofrekvencijskih kirurških pribora (EN 60601-2-2:2009/A11:2011) Medical electrical equipment – Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (EN 60601-2-2:2009/A11:2011)

- HRN EN 60601-2-29:2010/A11:2012 en pr
Medicinski električni uređaji – Dio 2-29: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke radioterapijskih simulatora (EN 60601-2-29:2008/A11:2011)
Medical electrical equipment – Part 2-29: Particular requirements for the basic safety and essential performance of radiotherapy simulators (EN 60601-2-29:2008/A11:2011)
- HRN EN 60601-2-31:2008/A1:2012 en pr
Medicinski električni uređaji – Dio 2-31: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke vanjskih elektrostimulatora srca s vlastitim izvorom napajanja (IEC 60601-2-31:2018/am1:2011; EN 60601-2-31:2008/A1:2011)
Medical electrical equipment – Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source (IEC 60601-2-31:2018/am1:2011; EN 60601-2-31:2008/A1:2011)
- HRN EN 60601-2-33:2011/A11:2012 en pr
Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za medicinsku dijagnostiku s pomoću magnetske rezonancije (EN 60601-2-33:2010/A11:2011)
Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (EN 60601-2-33:2010/A11:2011)
- HRN EN 60601-2-37:2008/A11:2012 en pr
Medicinski električni uređaji – Dio 2-37: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke ultrazvučne opreme za dijagnostiku i nadzor (EN 60601-2-37:2008/A11:2011)
Medical electrical equipment – Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment (EN 60601-2-37:2008/A11:2011)
- HRN EN 60601-2-39:2008/A11:2012 en pr
Medicinski električni uređaji – Dio 2-39: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za peritonealnu dijalizu (EN 60601-2-39:2008/A11:2011)
Medical electrical equipment – Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (EN 60601-2-39:2008/A11:2011)
- HRN EN 60601-2-41:2010/A11:2012 en pr
Medicinski električni uređaji – Dio 2-41: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke kirurške i dijagnostičke opreme za osvjetljavanje (EN 60601-2-41:2009/A11:2011)
Medical electrical equipment – Part 2-41: Particular requirements for basic safety and essential performance of surgical luminaires and luminaires for diagnosis (EN 60601-2-41:2009/A11:2011)
- HRN EN 60601-2-4:2012 en pr
Medicinska električni uređaji – Dio 2-4: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke srčanih defibrilatora (IEC 60601-2-4:2010; EN 60601-2-4:2011)
Medical electrical equipment – Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators (IEC 60601-2-4:2010; EN 60601-2-4:2011)
- HRN EN 60601-2-44:2010/A11:2012 en pr
Medicinska električna oprema – Dio 2-44: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke rendgenske opreme za kompjutoriziranu tomografiju (EN 60601-2-44:2009/A11:2011)
Medical electrical equipment – Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography (EN 60601-2-44:2009/A11:2011)
- HRN EN 60601-2-46:2012 en pr
Medicinska električni uređaji – Dio 2-46: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke operacijskih stolova (IEC 60601-2-46:2010; EN 60601-2-46:2011)
Medical electrical equipment – Part 2-46: Particular requirements for the basic safety and essential performance of operating tables (IEC 60601-2-46:2010; EN 60601-2-46:2011)
- HRN EN 60601-2-50:2010/A11:2012 en pr
Medicinski električni uređaji – Dio 2-50: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za fototerapiju novorođenčadi (EN 60601-2-50:2009/A11:2011)
Medical electrical equipment – Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment (EN 60601-2-50:2009/A11:2011)
- HRN EN 60731:2012 en pr
Medicinska električna oprema – Dozimetri s ionizacijskim komorama koji se upotrebljavaju u radioterapiji (IEC 60731:2011; EN 60731:2012)
Medical electrical equipment – Dosimeters with ionization chambers as used in radiotherapy (IEC 60731:2011; EN 60731:2012)
- HRN EN 61217:2012 en pr
Radioterapijski uređaji – Koordinate, pokretanja i skale (IEC 61217:2011; EN 61217:2012)
Radiotherapy equipment – Coordinates, movements and scales (IEC 61217:2011; EN 61217:2012)
- HRN EN 80601-2-35:2010/A11:2012 en pr
Medicinska električna oprema – Dio 2-35: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za grijanje koji upotrebljavaju pokrivače, jastuke i madrace, a namijenjeni su za grijanje u medicinske svrhe (EN 80601-2-35:2009/A11:2011)
Medical electrical equipment – Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use (EN 80601-2-35:2009/A11:2011)
- HRN EN 80601-2-58:2010/A11:2012 en pr
Medicinska električna oprema – Dio 2-58: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za uklanjanje leća i uređaja za vitrektomiju za oftalmološku kirurgiju (EN 80601-2-58:2009/A11:2011)
Medical electrical equipment – Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (EN 80601-2-58:2009/A11:2011)

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

- HRN EN 62439-7:2012 en pr
Industrial communication networks – High availability automation networks – Part 7: Ring-based Redundancy Protocol (RRP) (IEC 62439-7:2011; EN 62439-7:2012)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

- HRN EN 60730-1:2012 en pr
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – 1. dio: Opći zahtjevi (IEC 60730-1:2010, MOD; EN 60730-1:2011)
Automatic electrical controls for household and similar use – Part 1: General requirements (IEC 60730-1:2010, MOD; EN 60730-1:2011)

HZN/TO E79, Alarmni sustavi

- HRN EN 50130-4:2012 en pr
Alarmni sustavi – 4. dio: Elektromagnetska kompatibilnost – Norma za porodicu proizvoda – Zahtjevi za otpornost na smetnje za dijelove vatrodojavnih, protuprovalnih, protuprepadnih, TV zatvorenog kruga, kontrole pristupa i socijalnih alarmnih sustava (EN 50130-4:2011)
Alarm systems – Part 4: Electromagnetic compatibility – Product family standard – Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems (EN 50130-4:2011)
- HRN EN 50131-1:2007/IS1:2012 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 1. dio: Zahtjevi za sustave (EN 50131-1:2006/IS1:2009)
Alarm systems – Intrusion and hold-up systems – Part 1: System requirements (EN 50131-1:2006/IS1:2009)
- HRN EN 50131-1:2007/IS2:2012 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 1. dio: Zahtjevi za sustave (EN 50131-1:2006/IS2:2010)
Alarm systems – Intrusion and hold-up systems – Part 1: System requirements (EN 50131-1:2006/IS2:2010)
- HRN EN 50131-5-3:2007/IS1:2012 en pr
Alarmni sustavi – Protuprovalni alarmni sustavi – Dio 5-3: Zahtjevi na opremu za međusobno povezivanje upotrebom radiofrekvencijskih tehnika (EN 50131-5-3:2005/IS1:2010)
Alarm systems – Intrusion systems – Part 5-3: Requirements for interconnections equipment using radio frequency techniques (EN 50131-5-3:2005/IS1:2010)
- HRN EN 50132-5-1:2012 en pr
Alarmni sustavi – Sustavi nadzora pomoću TV zatvorenog kruga za uporabu u primjenama zaštite – Dio 5-1: Video prijenos – Opći zahtjevi za karakteristike video prijenosa (EN 50132-5-1:2011+AC:2012)
Alarm systems – CCTV surveillance systems for use in security applications – Part 5-1: Video transmission – General video transmission performance requirements (EN 50132-5-1:2011+AC:2012)
- HRN EN 50132-5-2:2012 en pr
Alarmni sustavi – Sustavi nadzora pomoću TV zatvorenog kruga za uporabu u primjenama zaštite – Dio 5-2: Protokoli za IP video prijenos (EN 50132-5-2:2011+AC:2012)
Alarm systems – CCTV surveillance systems for use in security applications – Part 5-2: IP Video Transmission Protocols (EN 50132-5-2:2011+AC:2012)

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

- HRN EN 50563:2012 en pr
Vanjski a.c. - d.c. i a.c. - a.c izvori napajanja – Određenje prosječne efikasnosti aktivnog modela u radu bez opterećenja (EN 50563:2011)
External a.c. - d.c. and a.c. - a.c. power supplies – Determination of no-load power and average efficiency of active modes (EN 50563:2011)
- HRN EN 61937-1:2011/A1:2012 en pr
Digitalni audio – Sučelje za nelinearne tokove audio bitova kodiranih pulsno kodnom modulacijom (PCM) koji primjenjuju IEC 60958 – 1. dio: Općenito (IEC 61937-1:2007/am1:2011; EN 61937-1:2007/A1:2011)
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 1: General (IEC 61937-1:2007/am1:2011; EN 61937-1:2007/A1:2011)

- HRN EN 61937-2:2011/A1:2012 en pr
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 2: Burst-info (IEC 61937-2:2007/am1:2011; EN 61937-2:2007/A1:2011)
- HRN EN 62087:2012 en pr
Metode mjerenja potrošnje energije audio, video i pripadajuće opreme (IEC 62087:2011; EN 62087:2012)
Methods of measurement for the power consumption of audio, video and related equipment (IEC 62087:2011; EN 62087:2012)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

- HRN EN 50173-1:2012 en pr
Informacijska tehnologija – Generički sustavi kabliranja – 1. dio: Opći zahtjevi (EN 50173-1:2011)
Information technology – Generic cabling systems – Part 1: General requirements (EN 50173-1:2011)

HZN/TO T4, Normizacija u telekomunikacijama

- HRN EN 300 019-2-2 V2.2.1:2012 en pr
Tehnologija za zaštitu okoliša (EE) – Okolišni uvjeti i ispitivanja za telekomunikacijsku opremu – Dio 2-2: Specifikacije testova okoliša – Prijetov (EN 300 019-2-2 V2.2.1:2012)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-2: Specification of environmental tests – Transportation (EN 300 019-2-2 V2.2.1:2012)
- HRN EN 300 132-2 V2.4.6:2012 en pr
Tehnologija za zaštitu okoliša (EE) – Sučelje napajanja na ulazu informacijsko-komunikacijske (ICT) opreme – 2. dio: Rad s istosmjernom strujom (DC) napona -48 V (EN 300 132-2 V2.4.6:2011)
Environmental Engineering (EE) – Power supply interface at the input to telecommunications and datacom (ICT) equipment – Part 2: Operated by -48 V direct current (DC) (EN 300 132-2 V2.4.6:2011)
- HRN EN 300 132-3-0 V2.1.1:2012 en pr
Tehnologija za zaštitu okoliša (EE) – Sučelje izvora napajanja na ulazu telekomunikacijske i podatkovne (ICT) opreme – 3. dio: Pogonjeno izvorom ispravljene struje, izvorom izmjenične struje ili izvorom istosmjerne struje do 400 V – 0. poddio : Pregled (EN 300 132-3-0 V2.1.1:2012)
Environmental Engineering (EE) – Power supply interface at the input to telecommunications and datacom (ICT) equipment – Part 3: Operated by rectified current source, alternating current source or direct current source up to 400 V – Sub-part 0: Overview (EN 300 132-3-0 V2.1.1:2012)
- HRN EN 300 132-3-1 V2.1.1:2012 en pr
Tehnologija za zaštitu okoliša (EE) – Sučelje izvora napajanja na ulazu telekomunikacijske i podatkovne (ICT) opreme – 3. dio: Pogonjeno izvorom ispravljene struje, izvorom izmjenične struje ili izvorom istosmjerne struje do 400 V – 1. poddio : Izvor istosmjerne struje do 400 V (EN 300 132-3-1 V2.1.1:2012)
Environmental Engineering (EE) – Power supply interface at the input to telecommunications and datacom (ICT) equipment – Part 3: Operated by rectified current source, alternating current source or direct current source up to 400 V – Sub-part 1: Direct current source up to 400 V (EN 300 132-3-1 V2.1.1:2012)
- HRN EN 300 220-1 V2.4.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uredaji kratkoga dometa (SRD) – Radijska oprema u uporabi u frekvencijskome području od 25 MHz do 1000 MHz s razinama snage do 500 mW – 1. dio: Tehničke značajke i metode ispitivanja (EN 300 220-1 V2.4.1:2012)

- Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW – Part 1: Technical characteristics and test methods (EN 300 220-1 V2.4.1:2012)
- HRN EN 300 220-2 V2.4.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema u uporabi u frekvencijskome području od 25 MHz do 1000 MHz s razinama snage do 500 mW – 2. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 Direktive R&TTE (EN 300 220-2 V2.4.1:2012)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW – Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive (EN 300 220-2 V2.4.1:2012)
- HRN EN 300 392-12-13 V1.2.1:2012 en pr
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 12. dio: 3. stupanj dodatnih usluga – 13. poddio: Zaključenje poziva poslovnomu korisniku (CCBS) (EN 300 392-12-13 V1.2.1:2012)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 13: Call Completion to Busy Subscriber (CCBS) (EN 300 392-12-13 V1.2.1:2012)
- HRN EN 300 392-12-14 V1.2.1:2012 en pr
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 12. dio: 3. stupanj dodatnih usluga – 14. poddio: Zakašnjeni ulaz (LE) (EN 300 392-12-14 V1.2.1:2012)
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 14: Late Entry (LE) (EN 300 392-12-14 V1.2.1:2012)
- HRN EN 300 396-1 V1.2.1:2012 en pr
Terestrijalni trunking radio (TETRA) – Tehnički zahtjevi za rad u izravnome načinu (DMO) – 1. dio: Zamisao opće mreže (EN 300 396-1 V1.2.1:2011)
Terrestrial Trunked Radio (TETRA) – Technical requirements for Direct Mode Operation (DMO) – Part 1: General network design (EN 300 396-1 V1.2.1:2011)
- HRN EN 300 396-2 V1.4.1:2012 en pr
Terestrijalni trunking radio (TETRA) – Tehnički zahtjevi za rad u izravnome načinu (DMO) – 2. dio: Aspekti radijski (EN 300 396-2 V1.4.1:2011)
Terrestrial Trunked Radio (TETRA) – Technical requirements for Direct Mode Operation (DMO) – Part 2: Radio aspects (EN 300 396-2 V1.4.1:2011)
- HRN EN 300 396-3 V1.4.1:2012 en pr
Terestrijalni trunking radio (TETRA) – Tehnički zahtjevi za rad u izravnome načinu (DMO) – 3. dio: Protokol zračnoga sučelja (AI) Pokretna postaja-pokretna postaja (MS-MS) (EN 300 396-3 V1.4.1:2011)
Terrestrial Trunked Radio (TETRA) – Technical requirements for Direct Mode Operation (DMO) – Part 3: Mobile Station to Mobile Station (MS-MS) Air Interface (AI) protocol (EN 300 396-3 V1.4.1:2011)
- HRN EN 300 396-4 V1.4.1:2012 en pr
Terestrijalni trunking radio (TETRA) – Tehnički zahtjevi za rad u izravnome načinu (DMO) – 4. dio: Zračno sučelje repetitora 1. vrste (EN 300 396-4 V1.4.1:2011)
Terrestrial Trunked Radio (TETRA) – Technical requirements for Direct Mode Operation (DMO) – Part 4: Type 1 repeater air interface (EN 300 396-4 V1.4.1:2011)
- HRN EN 300 396-5 V1.3.1:2012 en pr
Terestrijalni trunking radio (TETRA) – Tehnički zahtjevi za rad u izravnome načinu (DMO) – 5. dio: Zračno sučelje za pristup mreži (EN 300 396-5 V1.3.1:2011)
Terrestrial Trunked Radio (TETRA) – Technical requirements for Direct Mode Operation (DMO) – Part 5: Gateway air interface (EN 300 396-5 V1.3.1:2011)
- HRN EN 300 422-1 V1.4.2:2012 en pr
Elektromagnetska kompatibilnost i radiofrekvencijski spektar (ERM) – Bežični mikrofoni u frekvencijskome području od 25 MHz do 3GHz – 1. dio: Tehničke značajke i metode ispitivanja (EN 300 422-1 V1.4.2:2011)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Wireless microphones in the 25 MHz to 3 GHz frequency range – Part 1: Technical characteristics and methods of measurement (EN 300 422-1 V1.4.2:2011)
- HRN EN 300 468 V1.12.1:2012 en pr
Digitalna videoradiodifuzija (DVB) – Specifikacija za informacijske usluge (SI) u sustavima DVB – Digitalna videoradiodifuzija (DVB) – Sustavi podtitlovanja (EN 300 468 V1.12.1:2011)
Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems – Digital Video Broadcasting (DVB) – Subtitling systems (EN 300 468 V1.12.1:2011)
- HRN EN 300 743 V1.4.1:2012 en pr
Digitalna VHF veza zrak-zemlja (VDL) Mod 4 – Tehničke značajke i mjerne metode za opremu na tlu – 1. dio: EN za opremu na tlu (EN 300 743 V1.4.1:2011)
VHF air-ground Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for ground-based equipment – Part 1: EN for ground equipment (EN 300 743 V1.4.1:2011)
- HRN EN 300 753 V1.3.1:2012 en pr
Tehnologija za zaštitu okoliša (EE) – Akustični šum koji odašilje telekomunikacijska oprema (EN 300 753 V1.3.1:2012)
Environmental Engineering (EE) – Acoustic noise emitted by telecommunications equipment (EN 300 753 V1.3.1:2012)
- HRN EN 301 444 V1.2.1:2012 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana europska EN norma za kopnene pokretne zemaljske postaje (LMES) koje rade u pojasovima od 1,5 GHz i 1,6 GHz za glasovnu i podatkovnu komunikaciju, obuhvaća bitne zahtjeve iz članka 3.2 Direktive R&TTE (EN 301 444 V1.2.1:2012)
Satellite Earth Stations and Systems (SES) – Harmonized EN for Land Mobile Earth Stations (LMES) operating in the 1,5 GHz and 1,6 GHz bands providing voice and/or data communications covering essential requirements of article 3.2 of the R&TTE directive (EN 301 444 V1.2.1:2012)
- HRN EN 301 545-2 V1.1.1:2012 en pr
Digitalna videodifuzija (DVB) – Druga generacija interaktivnoga satelitskog sustava DVB (DVB-RCS2) – 2. dio: Niži slojevi za satelitsku normu (EN 301 545-2 V1.1.1:2012)
Digital Video Broadcasting (DVB) – Second Generation DVB Interactive Satellite System (DVB-RCS2) – Part 2: Lower Layers for Satellite standard (EN 301 545-2 V1.1.1:2012)
- HRN EN 301 575 V1.1.1:2012 en pr
Tehnologija za zaštitu okoliša (EE) – Metode mjerenja potrošnje energije opreme smještene kod korisnika (CPE) (EN 301 575 V1.1.1:2012)
Environmental Engineering (EE) – Measurement method for energy consumption of Customer Premises Equipment (CPE) (EN 301 575 V1.1.1:2012)

HRN EN 301 649 V2.2.1:2012 en pr
Digitalne poboljšane bežične telekomunikacije (DECT)
– Paketna radijska DECT usluga (DPRS)
(EN 301 649 V2.2.1:2012)
Digital Enhanced Cordless Telecommunications
(DECT) – DECT Packet Radio Service (DPRS)
(EN 301 649 V2.2.1:2012)

HRN EN 301 842-1 V1.3.4:2012 en pr
Digitalna VHF veza zemlja-zrak (VDL) Mod 4 –
Tehničke značajke i mjerne metode za opremu na
tlu – 1. dio: EN za opremu na tlu
(EN 301 842-1 V1.3.4:2011)
VHF air-ground Digital Link (VDL) Mode 4 radio
equipment – Technical characteristics and methods of
measurement for ground-based equipment – Part 1:
EN for ground equipment (EN 301 842-1 V1.3.4:2011)

HRN EN 302 288-1 V1.6.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar
(ERM) – Uređaji kratkoga dometa – Telematika
cestovnoga prijevoza i prometa (RTTT) – Kratkodometna
radarska oprema u području od 24 GHz – 1. dio:
Tehnički zahtjevi i metode mjerenja
(EN 302 288-1 V1.6.1:2012)
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Short Range Devices – Road
Transport and Traffic Telematics (RTTT) – Short
range radar equipment operating in the 24 GHz
range – Part 1: Technical requirements and methods
of measurement (EN 302 288-1 V1.6.1:2012)

HRN EN 302 288-2 V1.6.1:2012 en pr
Elektromagnetska kompatibilnost i radijski spektar
(ERM) – Uređaji kratkoga dometa – Telematika
cestovnoga prijevoza i prometa (RTTT) –
Kratkodometna radarska oprema u području od
24 GHz – 2. dio: Harmonizirana EN norma obuhvaća
bitne zahtjeve iz članka 3.2 Direktive R&TTE
(EN 302 288-2 V1.6.1:2012)
Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Short Range Devices – Road
Transport and Traffic Telematics (RTTT) – Short range
radar equipment operating in the 24 GHz range –
Part 2: Harmonized EN covering the essential
requirements of article 3.2 of the R&TTE Directive
(EN 302 288-2 V1.6.1:2012)

HRN EN 302 567 V1.2.1:2012 en pr
Mreže sa širokopojasnim radijskim pristupom (BRAN)
– Višegigabitni sustavi WAS/RLAN u frekvencijskome
pojasu od 60 GHz – Harmonizirana EN norma
obuhvaća bitne zahtjeve članka 3.2 Direktive R&TTE
(EN 302 567 V1.2.1:2012)
Broadband Radio Access Networks (BRAN) – 60 GHz
Multiple-Gigabit WAS/RLAN Systems – Harmonized
EN covering the essential requirements of article 3.2
of the R&TTE Directive (EN 302 567 V1.2.1:2012)

HRN EN 302 583 V1.2.1:2012 en pr
Digitalna videodifuzija (DVB) – Popratna struktura,
modulacija i kanalno kodiranje za satelitske službe,
ručni uređaji (SH) ispod 3 GHz
(EN 302 583 V1.2.1:2011)
Digital Video Broadcasting (DVB) – Framing Structure,
channel coding and modulation for Satellite Services
to Handheld devices (SH) below 3 GHz
(EN 302 583 V1.2.1:2011)

HRN EN 302 774 V1.2.1:2012 en pr
Sustavi širokopojasnoga bežičnoga pristupa (BWA) u
frekvencijskome pojasu od 3400 MHz do 3800 MHz –
Bazne postaje – Usklađena EN norma obuhvaća bitne
zahtjeve iz članka 3.2 Direktive R&TTE
(EN 302 774 V1.2.1:2012)
Broadband Wireless Access Systems (BWA) in the
3400 MHz to 3800 MHz frequency band – Base
Stations – Harmonized EN covering the essential
requirements of article 3.2 of the R&TTE Directive
(EN 302 774 V1.2.1:2012)

HRN EN 302 842-1 V1.2.4:2012 en pr
Digitalna VHF veza (VDL) zrak-zemlja i zrak-zrak,
4. način – Tehničke značajke i metode mjerenja za
aeronautičku pokretnu (zrakoplovnu) opremu – 1. dio:
Fizički sloj (EN 302 842-1 V1.2.4:2011)
VHF air-ground and air-air Digital Link (VDL) Mode
4 radio equipment – Technical characteristics and
methods of measurement for aeronautical mobile
(airborne) equipment – Part 1: Physical layer
(EN 302 842-1 V1.2.4:2011)

HZN/TO Z1, Informacijska tehnologija

HRN EN 1332-1:2012 en pr
Sustavi identifikacijskih kartica – Sučelje čovjek-stroj –
1. dio: Načela dizajniranja korisničkog sučelja
(EN 1332-1:2009)
Identification card systems – Human-machine interface
– Part 1: Design principles for the user interface
(EN 1332-1:2009)

HRI CR 1750:2012 en pr
Sustavi identifikacijskih kartica – Međusektorske
poruke između uređaja i glavnih računala – Poruke
primatelja stjecatelju (CR 1750:1999)
Identification card systems – Inter-sector messages
between devices and hosts – Acceptor to acquirer
messages (CR 1750:1999)

HRI CR 13643:2012 en pr
Strojno čitljive kartice – Primjene u zdravstvu –
Logičke strukture i koncepti podataka za različite
kartične tehnologije za uporabu od strane pacijenata
u zdravstvenim aplikacijama (CR 13643:2000)
Machine readable cards – Healthcare applications –
Logical data structures and concepts for different card
technologies for use by patients in health applications
(CR 13643:2000)

HRI CR 13644:2012 en pr
Strojno čitljive kartice – Primjene u zdravstvu – Logička
organizacija podataka na profesionalnim zdravstvenim
karticama (CR 13644:2000)
Machine readable cards – Healthcare applications –
Logical organisation of data on healthcare professional
cards (CR 13644:2000)

HRI CR 13875:2012 en pr
Sustavi identifikacijskih kartica – Međusektorske tanke
fleksibilne kartice – Sigurnosne značajke
(CR 13875:2000)
Identification card systems – Intersector thin flexible
cards – Security features (CR 13875:2000)

HRI CR 13909:2012 en pr
Sustavi identifikacijskih kartica – Međusektorske tanke
fleksibilne kartice – Kriteriji za prihvaćanje
(CR 13909:2000)
Identification card systems – Intersector thin flexible
cards – Acceptance criteria (CR 13909:2000)

HRS ENV 14062-2:2012 en pr
Sustavi identifikacijskih kartica – Primjene u
kopnenome prijevozu – Elektronička naplata – 2. dio:
Zahtjevi poruka (ENV 14062-2:2001)
Identification card systems – Surface transport
applications – Electronic fee collection – Part 2:
Message requirements (ENV 14062-2:2001)

HRN EN 14890-1:2012 en pr
Aplikacijsko sučelje za pametne kartice koje se
upotrebljavaju kao uređaji za kreiranje sigurnog potpisa
– 1. dio: Osnovne usluge (EN 14890-1:2008)
Application Interface for smart cards used as Secure
Signature Creation Devices – Part 1: Basic services
(EN 14890-1:2008)

- HRN EN 14890-2:2012 en pr
 Aplikacijsko sučelje za pametne kartice koje se upotrebljavaju kao uređaji za kreiranje sigurnog potpisa – 2. dio: Dodatne usluge (EN 14890-2:2008)
 Application Interface for smart cards used as Secure Signature Creation Devices – Part 2: Additional Services (EN 14890-2:2008)
- HRS CEN/TS 15291:2012 en pr
 Sustavi identifikacijskih kartica – Vodič za dizajn dostupnih uređaja koji se aktiviraju karticom (CEN/TS 15291:2006)
 Identification card system – Guidance on design for accessible card-activated devices (CEN/TS 15291:2006)
- HRS CEN/TS 15480-1:2012 en pr
 Sustavi identifikacijskih kartica – Europska osobna iskaznica – 1. dio: Fizičke karakteristike i karakteristike električnih i transportnih protokola (CEN/TS 15480-1:2007)
 Identification card systems – European Citizen Card – Part 1: Physical, electrical and transport protocol characteristics (CEN/TS 15480-1:2007)
- HRS CEN/TS 15480-2:2012 en pr
 Sustavi identifikacijskih kartica – Europska osobna iskaznica – 2. dio: Logička struktura podataka i sigurnosne usluge (CEN/TS 15480-2:2012)
 Identification card systems – European Citizen Card – Part 2: Logical data structures and security services (CEN/TS 15480-2:2012)
- HRS CEN/TS 15480-3:2012 en pr
 Sustavi identifikacijskih kartica – Europska osobna iskaznica – 3. dio: Interoperabilnost europske osobne iskaznice pomoću aplikacijskog sučelja (CEN/TS 15480-3:2010)
 Identification card systems – European Citizen Card – Part 3: European Citizen Card Interoperability using an application interface (CEN/TS 15480-3:2010)
- HRS CEN/TS 15480-4:2012 en pr
 Sustavi identifikacijskih kartica – Europska osobna iskaznica – 4. dio: Preporuke za izdavanje, rukovanje i upotrebu europske osobne iskaznice (CEN/TS 15480-4:2012)
 Identification card systems – European Citizen Card – Part 4: Recommendations for European Citizen Card issuance, operation and use (CEN/TS 15480-4:2012)

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

- HRN EN 16274:2012 en pr
 Metode za analizu alergena – Određivanje količine sumnjivih alergena u mirisima u proizvodima široke potrošnje – Korak 1: GC analize uzorka spremnog za ubrizgavanje (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 (EN 16274:2012)

HZN/TU N1, *Nemetalni materijali 1*

- HRN EN ISO 1927-1:2012 en pr
 Monolithic (unshaped) refractory products – Part 1: Introduction and classification (ISO 1927-1:2012; EN ISO 1927-1:2012)

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

- HRN EN 2133:2012 en pr
 Aerospace series – Cadmium plating of steels with specified tensile strength = 1450 MPa, copper, copper alloys and nickel alloys (EN 2133:2010)
- HRN EN 2434-002:2012 en pr
 Aerospace series – Paints and varnishes – Two component cold curing polyurethane finish – Part 002: High chemical resistance (EN 2434-002:2010)

- HRN EN 2434-003:2012 en pr
 Aerospace series – Paints and varnishes – Two component cold curing polyurethane finish – Part 003: Flexible and high fluid resistance for interior (EN 2434-003:2010)
- HRN EN 2434-004:2012 en pr
 Aerospace series – Paints and varnishes – Two component cold curing polyurethane finish – Part 004: High flexibility (EN 2434-004:2010)
- HRN EN 3155-032:2012 en pr
 Aerospace series – Electrical contacts used in elements of connection – Part 032: Contacts, electrical, coaxial, 50 ohms, size 5, male, type D, crimp, class R – Product standard (EN 3155-032:2009)
- HRN EN 3660-065:2012 en pr
 Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 065: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self-locking for EN 2997 and EN 4067 – Product standard (EN 3660-065:2009)
- HRN EN ISO 3691-1:2012 en pr
 Industrial trucks – Safety requirements and verification – Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO 3691-1:2011; EN ISO 3691-1:2012)
- HRN EN 3730:2012 en pr
 Aerospace series – Clamps, saddle fixed and sliding version in aluminium alloy with rubber cushioning – Dimension, masses (EN 3730:2009)
- HRN EN 4604-002:2012 en pr
 Aerospace series – Cable, electrical, for signal transmission – Part 002: General (EN 4604-002:2009)
- HRN EN 4604-008:2012 en pr
 Aerospace series – Cable, electrical, for signal transmission – Part 008: Cable, coaxial, 50 ohms, 200°C, Type WD – Product standard (EN 4604-008:2009)
- HRN EN 6069:2012 en pr
 Aerospace series – Rivet, 100° reduced flush head, close tolerance – Inch series (EN 6069:2009)
- HRN EN 15830:2012 en pr
 Rough-terrain variable reach trucks – Visibility – Test methods and verification (EN 15830:2012)
- HRN EN 16054:2012 en pr
 BMX bicycles – Safety requirements and test methods (EN 16054:2012)

HZN/TU V1, *Elektronika 1*

- HRN EN 50411-3-3:2012 en pr
 Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-3: Singlemode optical fibre fusion splice protectors (EN 50411-3-3:2011)
- HRN EN 50441-1:2012 en pr
 Cables for indoor residential telecommunication installations – Part 1: Unscreened cables – Grade 1 (EN 50441-1:2012)
- HRN EN 50441-2:2012 en pr
 Cables for indoor residential telecommunication installations – Part 2: Screened cables – Grade 2 (EN 50441-2:2012)
- HRN EN 50441-4:2012 en pr
 Cables for indoor residential telecommunication installations – Part 4: Cables up to 1200 MHz – Grade 3 (EN 50441-4:2012)
- HRN EN 50491-4-1:2012 en pr
 General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 4-1: General functional safety requirements for products intended to be integrated in Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) (EN 50491-4-1:2012)

- HRI CLC/TR 50491-6-3:2012 en pr
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 6-3: HBES installations – Assessment and definition of levels (CLC/TR 50491-6-3:2011)
- HRN EN 50516-1-1:2012 en pr
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 61753-1-3 (EN 50516-1-1:2011)
- HRN EN 50516-2-1:2012 en pr
Industrial connector sets and interconnect components to be used in optical fibre control and communication systems – Product specifications – Part 2-1: Type ODVA 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 EN 50173-1 and IEC 61753-1-3 (EN 50516-2-1:2011)
- HRN EN 50556:2012 en pr
Signalni sustavi cestovnog prometa (EN 50556:2011)
Road traffic signal systems (EN 50556:2011)
- HRN EN 60115-1:2012 en pr
Fixed resistors for use in electronic equipment – Part 1: Generic specification (IEC 60115-1:2008, MOD; EN 60115-1:2011)
- HRN EN 60191-6-12:2012 en pr
Mechanical standardization of semiconductor devices – Part 6-12: General rules for the preparation of outline drawings of surface mounted semiconductor device packages – Design guidelines for fine-pitch land grid array (FLGA) (IEC 60191-6-12:2011; EN 60191-6-12:2011)
- HRN EN 60297-3-107:2012 en pr
Mechanical structures for electronic equipment – Dimensions of mechanical structures of the 482,6 mm (19 in) series – Part 3-107: Dimensions of subracks and plug-in units, small form factor (IEC 60297-3-107:2012; EN 60297-3-107:2012)
- HRN EN 60352-5:2012 en pr
Solderless connections – Part 5: Press-in connections – General requirements, test methods and practical guidance (IEC 60352-5:2012; EN 60352-5:2012)
- HRN EN 60384-2:2012 en pr
Fixed capacitors for use in electronic equipment – Part 2: Sectional specification – Fixed metallized polyethylene-terephthalate film dielectric d.c. capacitors (IEC 60384-2:2011; EN 60384-2:2012)
- HRN EN 60384-13:2012 en pr
Fixed capacitors for use in electronic equipment – Part 13: Sectional specification – Fixed polypropylene film dielectric metal foil d.c. capacitors (IEC 60384-13:2011; EN 60384-13:2012)
- HRN EN 60384-21:2012 en pr
Fixed capacitors for use in electronic equipment – Part 21: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (IEC 60384-21:2011; EN 60384-21:2012)
- HRN EN 60384-22:2012 en pr
Fixed capacitors for use in electronic equipment – Part 22: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (IEC 60384-22:2011; EN 60384-22:2012)
- HRN EN 60512-1-100:2012 en pr
Connectors for electronic equipment – Tests and measurements – Part 1-100: General – Applicable publications (IEC 60512-1-100:2012; EN 60512-1-100:2012)
- HRN EN 60793-2:2012 en pr
Optical fibres – Part 2: Product specifications – General (IEC 60793-2:2011; EN 60793-2:2012)
- HRN EN 60794-1-1:2012 en pr
Optical fibre cables – Part 1-1: Generic specification – General (IEC 60794-1-1:2011+Corr.1:2012; EN 60794-1-1:2011)
- HRN EN 60874-1-1:2012 en pr
Fibre optic interconnecting devices and passive components – Connectors for optical fibres and cables – Part 1-1: Blank detail specification (IEC 60874-1-1:2011; EN 60874-1-1:2012)
- HRN EN 60874-1:2012 en pr
Fibre optic interconnecting devices and passive components – Connectors for optical fibres and cables – Part 1: Generic specification (IEC 60874-1:2011; EN 60874-1:2012)
- HRN EN 61274-1-1:2012 en pr
Fibre optic interconnecting devices and passive components – Adaptors for fibre optic connectors – Part 1-1: Blank detail specification (IEC 61274-1-1:2011; EN 61274-1-1:2012)
- HRN EN 61274-1:2012 en pr
Fibre optic interconnecting devices and passive components – Adaptors for fibre optic connectors – Part 1: Generic specification (IEC 61274-1:2011; EN 61274-1:2012)
- HRN EN 61291-4:2012 en pr
Optical amplifiers – Part 4: Multichannel applications – Performance specification template (IEC 61291-4:2011; EN 61291-4:2012)
- HRN EN 61314-1-1:2012 en pr
Fibre optic interconnecting devices and passive components – Fibre optic fan-outs – Part 1-1: Blank detail specification (IEC 61314-1-1:2011; EN 61314-1-1:2012)
- HRN EN 61314-1:2012 en pr
Fibre optic interconnecting devices and passive components – Fibre optic fan-outs – Part 1: Generic specification (IEC 61314-1:2011; EN 61314-1:2012)
- HRN EN 61587-1:2012 en pr
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks, subracks and chassis under indoor conditions (IEC 61587-1:2011; EN 61587-1:2012)
- HRN EN 61969-1:2012 en pr
Mechanical structures for electronic equipment – Outdoor enclosures – Part 1: Design guidelines (IEC 61969-1:2011; EN 61969-1:2012)
- HRN EN 61969-2:2012 en pr
Mechanical structures for electronic equipment – Outdoor enclosures – Part 2: Coordination dimensions (IEC 61969-2:2011; EN 61969-2:2012)
- HRN EN 61969-3:2012 en pr
Mechanical structures for electronic equipment – Outdoor enclosures – Part 3: Environmental requirements, tests and safety aspects (IEC 61969-3:2011; EN 61969-3:2012)
- HRN EN 61988-2-4:2012 en pr
Plasma display panels – Part 2-4: Measuring methods – Visual quality: Image artifacts (IEC 61988-2-4:2011; EN 61988-2-4:2011)
- HRN EN 62149-1:2012 en pr
Fibre optic active components and devices – Performance standards – Part 1: General and guidance (IEC 62149-1:2011; EN 62149-1:2012)

- HRN EN 62341-6-2:2012 en pr
Organic light emitting diode (OLED) displays – Part 6-2: Measuring methods of visual quality and ambient performance (IEC 62341-6-2:2012; EN 62341-6-2:2012)
- HRN EN 62572-3:2012 en pr
Fibre optic active components and devices – Reliability standards – Part 3: Laser modules used for telecommunication (IEC 62572-3:2011; EN 62572-3:2012)
- HRN EN 62595-1-2:2012 en pr
LCD backlight unit – Part 1-2: Terminology and letter symbols (IEC 62595-1-2:2011; EN 62595-1-2:2012)

HZNTU W1, Energetska elektrotehnika 1

- HRN EN 62282-3-100:2012 en pr
Fuel cell technologies – Part 3-100: Stationary fuel cell power systems – Safety (IEC 62282-3-100:2012; EN 62282-3-100:2012)

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 nacrt hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacrt hrvatske norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo). Nacrti su hrvatskih norma zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZNTO 28, Naftni proizvodi i maziva

- nHRN EN 228 hr pp/na
Goriva za motorna vozila – Bezolovni motorni benzin – Zahtjevi i metode ispitivanja (EN 228:2012)
Automotive fuels – Unleaded petrol – Requirements and test methods (EN 228:2012)
- nHRN ISO 1998-2 hr 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)

HZNTO 548, Konstrukcijski eurokodovi

- nHRN EN 1991-1-1:2012/NA hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-1: Opća djelovanja – Prostorne težine, vlastita težina 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
- nHRN EN 1991-1-2:2012/NA 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
- nHRN EN 1991-1-3:2012/NA hr izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-3: Opća djelovanja – Opterećenje snijegom – Nacionalni dodatak
Eurocode 1: Actions on structures – Part 1-3: General actions – Snow load – National annex
- nHRN EN 1991-1-4:2012/NA 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

- nHRN EN 1991-1-5:2012/NA 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
- nHRN EN 1991-1-6:2012/NA 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
- nHRN EN 1991-1-7:2012/NA 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
- nHRN EN 1991-2:2012/NA 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
- nHRN EN 1991-3:2012/NA 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
- nHRN EN 1991-4:2012/NA 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
- nHRN EN 1996-1-1 hr pp
Eurokod 6: Projektiranje zidanih konstrukcija – Dio 1-1: Opća pravila za armirane i nearmirane zidane konstrukcije (EN 1996-1-1:2005+AC:2009+FprA1:2012)
Eurocode 6: Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures (EN 1996-1-1:2005+AC:2009+FprA1:2012)
- nHRN EN 1996-1-1:2012/NA 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

HZNTU A1, Usluge, proizvodi za kućanstvo i slobodno vrijeme 1

- nHRN EN 14183 hr pp
Ljestvaste stolice (EN 14183:2003)
Step stools (EN 14183:2003)

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).

HZNTO 8, Brodogradnja

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

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

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

HZN/TO 176, Upravljanje kvalitetom i osiguravanje kvalitete

- ISO 31000:2009 en
Risk management – Principles and guidelines
Upravljanje rizicima – Načela i smjernice

HZN/TO 503, Metalni materijali

- prEN 12420 en
Copper and copper alloys – Forgings
Bakar i legure bakra – Otkivci
- prEN ISO 21809-2 rev en
Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 2: Single layer fusion-bonded epoxy coatings (ISO/DIS 21809-2:2012)
Industrija nafte i zemnoga plina – Vanjske prevlake za podzemne ili podvodne cjevovode za upotrebu u cjevovodnim prijenosnim sustavima – 2. dio: Jednoslojne staljene epoksidne prevlake (ISO/DIS 21809-2:2012)

HZN/TO 504, Korozija i zaštita metala i legura

- FprEN ISO 9717 en
Metallic and other inorganic coatings – Phosphate conversion coating of metals (ISO 9717:2010)
Metalne i druge neorganske prevlake – Fosfatne konverzijske prevlake na metalima (ISO 9717:2010)
- FprEN ISO 28721-4 en
Vitreous and porcelain enamels – Glass-lined apparatus for process plants – Part 4: Quality requirements for glass-lined flanged steel pipes and flanged steel fittings (ISO 28721-4:2010)
Staklasti i porculanski emajli – Staklasto prevučeni aparati za procesnu industriju – 4. dio: Zahtjevi za kvalitetu za staklasto prevučene prirubničke čelične cijevi i prirubničke čelične spojne dijelove (ISO 28721-4:2010)

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

- FprCEN/TS 13714 en
Characterization of sludges – Sludge management in relation to use or disposal
Karakterizacija mulja – Gospodarenje muljem u smislu uporabe ili odlaganja

HZN/TO 528, Oprema za željeznice

- EN 14587-3:2012 en
Railway applications – Track – Flash butt welding of rails – Part 3: Welding in association with crossing construction
Oprema za željeznice – Željeznički gornji ustroj – Elektrootporno zavarivanje tračnica – 3. dio: Zavarivanje pri konstrukciji skretničkih srca
- EN 15877-1:2012 en
Railway applications – Marking on railway vehicles – Part 1: Freight wagons
Oprema za željeznice – Oznake na željezničkim vozilima – 1. dio: Teretni vagoni
- EN 16028:2012 en
Railway applications – Wheel/rail friction management – Lubricants for trainborne and trackside applications
Oprema za željeznice – Upravljanje trenjem između kotača i tračnica – Sredstva za podmazivanje za primjenu na željezničkim vozilima i kolosijeku

HZN/TO 534, Spremnici za teret

- prEN 15207 rev en
Tanks for the transport of dangerous goods – Plug/socket connection and supply characteristics for service equipment in hazardous areas with 24 V nominal supply voltage
Spremnici za prijevoz opasnih tvari – Priključak utikač/utičnica i električke značajke za pomoćnu opremu za ugrožene prostore s nazivnim naponom 24 V
- prEN 15208 rev en
Tanks for transport of dangerous goods – Sealed parcel delivery systems – Working principles and interface specifications
Spremnici za prijevoz opasnih tvari – Sustav isporuke plombranjem – Načela rada i specifikacije sučelja

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

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

HZN/TO E2, Rotacijski strojevi

- EN 60034-1:2010+AC:2010 en
Rotating electrical machines – Part 1: Rating and performance (IEC 60034-1:2010, MOD)
Rotacijski električni strojevi – 1. dio: Nazivne vrijednosti i radna svojstva (IEC 60034-1:2010, MOD)
- EN 60034-2-2:2010 en
Rotating electrical machines – Part 2-2: Specific methods for determining separate losses of large machines from tests – Supplement to IEC 60034-2-1
Rotacijski električni strojevi – Dio 2-2: Posebne metode za određivanje pojedinih gubitaka velikih strojeva ispitivanjima – Dodatak normi IEC 60034-2-1
- EN 60034-4:2008 en
Rotating electrical machines – Part 4: Methods for determining synchronous machine quantities from tests (IEC 60034-4:2008)
Rotacijski električni strojevi – 4. dio: Metode za određivanje parametara sinkronih strojeva ispitivanjima (IEC 60034-4:2008)

- EN 60034-15:2009 en
Rotating electrical machines – Part 15: Impulse voltage withstand levels of form-wound stator coils for rotating a.c. machines (IEC 60034-15:2009)
Rotacijski električni strojevi – 15. dio: Iznosi podnosivih udarnih napona oblikovanih statorskih svitaka za rotacijske izmjenične strojeve (IEC 60034-15:2009)
- EN 60034-16-1:2011 en
Rotating electrical machines – Part 16-1: Excitation systems for synchronous machines – Definitions (IEC 60034-16-1:2011)
Rotacijski električni strojevi – Dio 16-1: Sustavi uzbude za sinkrone strojeve – Definicije (IEC 60034-16-1:2011)
- EN 60034-18-1:2010 en
Rotating electrical machines – Part 18-1: Functional evaluation of insulation systems – General guidelines (IEC 60034-18-1:2010)
Rotacijski električni strojevi – Dio 18-1: Procjena funkcionalnosti izolacijskih sustava – Opće smjernice (IEC 60034-18-1:2010)
- EN 60034-18-32:2010 en
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)
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 60034-18-34:2012 en
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)
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)
- FprEN 60034-18-41:2012 en
Rotating electrical machines – Part 18-41: Qualification and quality control tests for partial discharge free (Type I) electrical insulation systems used in rotating electrical machines fed from voltage converters (IEC 60034-18-41:201X)
- EN 60034-22:2009 en
Rotating electrical machines – Part 22: AC generators for reciprocating internal combustion (RIC) engine driven generating sets (IEC 60034-22:2009)
Rotacijski električni strojevi – 22. dio: Izmjenični generatori za proizvodne jedinice izmjenične struje pogonjene klipnim motorima s unutrašnjim izgaranjem (IEC 60034-22:2009)
- EN 60034-30:2009 en
Rotating electrical machines – Part 30: Efficiency classes of single-speed, three-phase, cage-induction motors (IE-code) (IEC 60034-30:2008)
Rotacijski električni strojevi – 30. dio: Razredi učinkovitosti jednobrzinskih trofaznih kaveznihih motora (IE kod) (IEC 60034-30:2008)
- FprEN 60034-30-1:2012 en
Rotating electrical machines – Part 30-1: Efficiency classes of single-speed, three-phase, cage-induction motors (IE code) (IEC 60034-30-1:201X)

HZN/TO E23, Električni instalacijski pribor

- EN 50085-2-1:2006/A1:2011 en
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

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 61386-25:2011 en
Conduit systems for cable management – Part 25: Particular requirements – Conduit fixing devices (IEC 61386-25:2011)
- EN 61534-1:2011 en
Powertrack systems – Part 1: General requirements (IEC 61534-1:2011)
ENergetski tračnički sustavi – 1. dio: Opći zahtjevi (IEC 61534-1:2011)

HZN/TO E45, Nuklearna instrumentacija

- EN 60671:2011 en
Nuclear power plants – Instrumentation and control systems important to safety – Surveillance testing (IEC 60671:2007)
Nuklearne elektrane – Instrumentacija i sustavi upravljanja važni za sigurnost – Nadgledanje ispitivanja (IEC 60671:2007)
- EN 60965:2011 en
Nuclear power plants – Control rooms – Supplementary control points for reactor shutdown without access to the main control room (IEC 60965:2009)
Nuklearne elektrane – Upravljačke sobe – Dodatne kontrolne točke za zaustavljanje reaktora bez pristupa u glavnu upravljačku sobu (IEC 60965:2009)
- EN 61500:2011 en
Nuclear power plants – Instrumentation and control important to safety – Data communication in systems performing category A functions (IEC 61500:2009)
Nuklearne elektrane – Instrumentacija i sustavi upravljanja koji su važni za sigurnost – Komunikacija podacima u sustavima koji provode A funkcije (IEC 61500:2009)
- EN 62244:2011 en
Radiation protection instrumentation – Installed radiation monitors for the detection of radioactive and special nuclear materials at national borders (IEC 62244:2006, MOD)
Instrumentacija u zaštiti od zračenja – Ugrađeni monitori zračenja za detekciju radioaktivnih i specijalnih nuklearnih materijala na nacionalnim granicama (IEC 62244:2006, MOD)
- EN 62327:2011 en
Radiation protection instrumentation – Hand-held instruments for the detection and identification of radionuclides and for the indication of ambient dose equivalent rate from photon radiation (IEC 62327:2006, MOD)
Instrumentacija u zaštiti od zračenja – Ručni instrumenti za detekciju i identifikaciju radionuklida i za indicaciju brzine ambijentnog doznog ekvivalenta od fotonskog zračenja (IEC 62327:2006, MOD)
- EN 62363:2011 en
Radiation protection instrumentation – Portable photon contamination meters and monitors (IEC 62363:2008, MOD)
Instrumentacija u zaštiti od zračenja – Prijenosni mjerači i monitori fotonske kontaminacije (IEC 62363:2008, MOD)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

- EN 60335-2-14:2006/A11:2012 en
Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines
Kućanski i slični električni aparati – Sigurnost – Dio 2-14: Posebni zahtjevi za kuhinjske strojeve

- EN 60335-2-15:2002/A11:2012 en
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids
Kućanski i slični električni aparati – Sigurnost – Dio 2-15: Posebni zahtjevi aparata za grijanje tekućina
- EN 60335-2-25:2012 en
Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens (IEC 60335-2-25:2010, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-25: Posebni zahtjevi za mikrovalne pećnice, uključujući i složene mikrovalne pećnice (IEC 60335-2-25:2010, MOD)
- EN 60335-2-30:2009/A11:2012 en
Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters
Kućanski i slični električni aparati – Sigurnost – Dio 2-30: Posebni zahtjevi za grijalice prostorija
- EN 60335-2-35:2002/A2:2011 en
Household and similar electrical appliances – Safety – Part 2-35: Particular requirements for instantaneous water heaters (IEC 60335-2-35:2002/am2:2009, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-35: Posebni zahtjevi protočnih vodogrijalica (IEC 60335-2-35:2002/am2:2009, MOD)
- EN 60335-2-40:2003/A13:2012 en
Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
Kućanski i slični električni aparati – Sigurnost – Dio 2-40: Posebni zahtjevi za dizalice topline, klima-aparate i sušila zraka
- EN 60335-2-53:2011 en
Household and similar electrical appliances – Safety – Part 2-53: Particular requirements for sauna heating appliances and infrared cabins (IEC 60335-2-53:2011)

HZNTO E65, Mjerenje, vođenje i automatizacija industrijskih procesa

- EN 60534-2-1:2011 en
Industrial-process control valves – Part 2-1: Flow capacity – Sizing equations for fluid flow under installed conditions (IEC 60534-2-1:2011)
Regulacijski ventili za industrijske procese – Dio 2-1: Protočni kapacitet – Jednadžbe za određivanje protoka tekućine pri instaliranim uvjetima (IEC 60534-2-1:2011)
- EN 60534-8-2:2011 en
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)
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- 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 301 681 V1.4.1:2011 en
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
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 301 841-3 V1.1.1:2011 en
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
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 301 893 V1.6.1:2011 en
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
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 en
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
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 302 208-2 V1.4.1:2011 en
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
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 302 858-2 V1.2.1:2011 en
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
- 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
- Draft EN 319 401 V1.1.1:2012-03 en
Electronic Signatures and Infrastructures (ESI) – General Policy Requirements for Trust Service Providers supporting Electronic Signatures
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi opće politike za povjerljive davaoče usluga koje podupiru elektroničke potpise
- Draft EN 319 411-2 V1.0.0:2012-04 en
Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 2: Policy requirements for certification authorities issuing qualified certificates
Elektronički potpisi i infrastrukture (ESI) – Opća pravila i sigurnosni zahtjevi za povjerljive davaoče usluga certificiranja – 2. dio: Opća pravila za certifikacijska tijela koja izdaju kvalificirane certifikate
- Draft EN 319 411-3 V1.0.0:2012-04 en
Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 3: Policy requirements for Certification Authorities issuing public key certificates
Elektronički potpisi i infrastrukture (ESI) – Opća pravila i sigurnosni zahtjevi za povjerljive davaoče usluga certificiranja – 3. dio: Opća pravila za certifikacijska tijela koja izdaju certifikate s javnim ključem
- Draft EN 319 412-5 V1.0.0:2012-04 en
Electronic Signatures and Infrastructures (ESI) – Profiles for Trust Service Providers issuing certificates – Part 5: Extension for Qualified Certificate profile
Elektronički potpisi i infrastrukture (ESI) – Profili povjerljivih davalaca usluga certificiranja – 5. dio: Proširenje za profil kvalificiranoga certifikata

HZNTU T1, *Prijevoz, rukovanje materijalima i pakiranje 1*

- EN 2242:2012 en
Aerospace series – Crimping of electric cables with conductors defined by EN 2083, EN 4434 and EN 2346
- EN 2591-307:2012 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 307: Salt mist
- EN 2591-402:2012 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 402: Shock
- EN 2591-403:2012 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration
- EN 2997-003:2012 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 2997-005:2012 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 3456:2012 en
Aerospace series – Titanium alloy TI-P64001 (Ti-6Al-4V) – Annealed – Sheet and strip, hot rolled – a = 6 mm

EN 3464:2012 en
Aerospace series – Titanium alloy Ti-6Al-4V – Annealed – Plate – 6 mm < a = 100 mm

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

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

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

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

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

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

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

EN 4531-002:2012 en
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 4531-003:2012 en
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 003: Square flange receptacle – Product standard

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

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

EN 4531-101:2012 en
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 4531-901:2012 en
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 901: Filler plugs – Product standard

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

EN 4644-002:2012 en
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 4644-142:2012 en
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 4677-001:2012 en
Aerospace series – Welded and brazed assemblies for aerospace construction – Joints of metallic materials by electron beam welding – Part 001: Quality of welded assemblies

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

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

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

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

EN 16029:2012 en
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

HZN/TU U1, *Opća elektrotehnika 1*

EN 60127-1:2006/A1:2011 en
Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links (IEC 60127-1:2006/am1:2011)

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

EN 60974-12:2011 en
Arc welding equipment – Part 12: Coupling devices for welding cables (IEC 60974-12:2011)

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

HZN/TU V1, *Elektronika 1*

EN 50288-8:2012 en
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 50377-16-1:2011 en
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 60068-2-83:2011 en
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 60512-7-2:2012 en
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 60512-9-2:2012 en
Connectors for electronic equipment – Tests and measurements – Part 9-2: Endurance tests – Test 9b: Electrical load and temperature (IEC 60512-9-2:2011)

EN 60512-27-100:2012 en
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 60603-7:2009/A1:2011 en
Connectors for electronic equipment – Part 7: Detail specification for 8-way, unshielded, free and fixed connectors (IEC 60603-7:2008/am1:2011)
- EN 60747-15:2012 en
Semiconductor devices – Discrete devices – Part 15: Isolated power semiconductor devices (IEC 60747-15:2010)
- EN 60749-7:2011 en
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 60749-21:2011 en
Semiconductor devices – Mechanical and climatic test methods – Part 21: Solderability (IEC 60749-21:2011)
- EN 60749-29:2011 en
Semiconductor devices – Mechanical and climatic test methods – Part 29: Latch-up test (IEC 60749-29:2011)
- EN 60749-40:2011 en
Semiconductor devices – Mechanical and climatic test methods – Part 40: Board level drop test method using a strain gauge (IEC 60749-40:2011)
- EN 60794-2-10:2011 en
Optical fibre cables – Part 2-10: Indoor optical fibre cables – Family specification for simplex and duplex cables (IEC 60794-2-10:2011)
- EN 61076-2-001:2011 en
Connectors for electronic equipment – Product requirements – Part 2-001: Circular connectors – Blank detail specification (IEC 61076-2-001:2011)
- EN 61076-2-106:2011 en
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 61169-35:2011 en
Radio-frequency connectors – Part 35: Sectional specification for 2,92 series RF connectors (IEC 61169-35:2011)
- EN 61290-4-1:2011 en
Optical amplifiers – Test methods – Part 4-1: Gain transient parameters – Two-wavelength method (IEC 61290-4-1:2011)
- EN 61290-4-2:2011 en
Optical amplifiers – Test methods – Part 4-2: Gain transient parameters – Broadband source method (IEC 61290-4-2:2011)
- EN 61300-3-39:2012 en
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 61300-3-46:2011 en
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 61300-3-7:2012 en
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 61587-2:2011 en
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 61701:2012 en
Salt mist corrosion testing of photovoltaic (PV) modules (IEC 61701:2011)
- EN 61730-1:2007/A1:2012 en
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction (IEC 61730-1:2004/am1:2011)
- EN 61730-2:2007/A1:2012 en
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing (IEC 61730-2:2004/am1:2011)
- EN 61747-5-2:2011 en
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 61747-6-2:2011 en
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 61747-6-3:2011 en
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 61967-8:2011 en
Integrated circuits – Measurement of electromagnetic emissions – Part 8: Measurement of radiated emissions – IC stripline method (IEC 61967-8:2011)
- EN 61988-1:2011 en
Plasma display panels – Part 1: Terminology and letter symbols (IEC 61988-1:2011)
- EN 61988-2-1:2012 en
Plasma display panels – Part 2-1: Measuring methods – Optical and optoelectrical (IEC 61988-2-1:2012)
- EN 62047-5:2011 en
Semiconductor devices – Micro-electromechanical devices – Part 5: RF MEMS switches (IEC 62047-5:2011+Corr.1:2012)
- EN 62047-7:2011 en
Semiconductor devices – Micro-electromechanical devices – Part 7: MEMS BAW filter and duplexer for radio frequency control and selection (IEC 62047-7:2011)
- EN 62047-9:2011 en
Semiconductor devices – Micro-electromechanical devices – Part 9: Wafer to wafer bonding strength measurement for MEMS (IEC 62047-9:2011+Corr.1:2012)
- EN 62047-10:2011 en
Semiconductor devices – Micro-electromechanical devices – Part 10: Micro-pillar compression test for MEMS materials (IEC 62047-10:2011+Corr.1:2012)
- EN 62047-12:2011 en
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 62109-2:2011 en
Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters (IEC 62109-2:2011)
- EN 62137-3:2012 en
Electronics assembly technology – Part 3: Selection guidance of environmental and endurance test methods for solder joints (IEC 62137-3:2011)
- EN 62253:2011 en
Photovoltaic pumping systems – Design qualification and performance measurements (IEC 62253:2011)

- EN 62496-2-1:2011 en
Optical circuit boards – Part 2-1: Measurements – Optical attenuation and isolation (IEC 62496-2-1:2011)
- EN 62509:2011 en
Battery charge controllers for photovoltaic systems – Performance and functioning (IEC 62509:2010)
- EN 62604-2:2012 en
Surface Acoustic Wave (SAW) and Bulk Acoustic Wave (BAW) duplexers of assessed quality – Part 2: Guidelines for the use (IEC 62604-2:2011)

HZNTU W1, Energetska elektrotehnika 1

- EN 61558-2-15:2012 en
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 61812:2011 en
Time relays for industrial and residential use – Part 1: Requirements and tests (IEC 61812-1:2011)

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.

HZNTO 6, Papir, karton i pulpe

- HRN EN ISO 536:2001 en
Papir i karton – Određivanje gramature (ISO 536:1995; EN ISO 536:1996)
Paper and board – Determination of grammage (ISO 536:1995; EN ISO 536:1996)
- zamijenjena s: HRN EN ISO 536:2012

HZNTO 21, Protupožarna i vatrogasna oprema

- HRN EN 13204:2008 en
Dvoradni hidraulični alati za spašavanje za uporabu pri gašenju požara i spašavanju – Zahtjevi za sigurnost i svojstva (EN 13204:2004)
Double acting hydraulic rescue tools for fire and rescue service use – Safety and performance requirements (EN 13204:2004)
- zamijenjena s: HRN EN 13204:2012

HZNTO 22, Cestovna vozila

- HRN EN 1645-1:2008 en
Vozila za odmor – Kamp-prikolice – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1645-1:2004+A1:2008)
Leisure accommodation vehicles – Caravans – Part 1: Habitation requirements relating to health and safety (EN 1645-1:2004+A1:2008)
- zamijenjena s: HRN EN 1645-1:2012
- HRN EN 1646-1:2008 en
Vozila za odmor – Motorne kamp-prikolice – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1646-1:2004+A1:2008)
Leisure accommodation vehicles – Motor caravans – Part 1: Habitation requirements relating to health and safety (EN 1646-1:2004+A1:2008)
- zamijenjena s: HRN EN 1646-1:2012
- HRN EN 1647:2008 en
Vozila za odmor – Kamp-kućice – Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1647:2004+A1:2008)

Leisure accommodation vehicles – Caravan holiday homes – Habitation requirements relating to health and safety (EN 1647:2004+A1:2008)
- zamijenjena s: HRN EN 1647:2012

- HRN EN 1648-1:2008 en
Vozila za odmor – Električne instalacije za istosmjernu struju vrlo niskoga napona od 12 V – 1. dio: Kamp-prikolice (EN 1648-1:2004)
Leisure accommodation vehicles – 12 V direct current extra low voltage electrical installations – Part 1: Caravans (EN 1648-1:2004)
- zamijenjena s: HRN EN 1648-1:2012
- HRN EN 1648-2:2008 en
Vozila za odmor – Električne instalacije za istosmjernu struju vrlo niskoga napona od 12 V – 2. dio: Motorne kamp-prikolice (EN 1648-2:2004)
Leisure accommodation vehicles – 12 V direct current extra low voltage electrical installations – Part 2: Motor caravans (EN 1648-2:2004)
- zamijenjena s: HRN EN 1648-2:2012

HZNTO 28, Naftni proizvodi i maziva

- HRN EN 14214:2010 hr
Goriva za motorna vozila – Metilni esteri masnih kiselina (FAME) za dizelske motore – Zahtjevi i ispitne metode (EN 14214:2008+A1:2009)
Automotive fuels – Fatty acid methyl esters (FAME) for diesel engines – Requirements and test methods (EN 14214:2008+A1:2009)
- zamijenjena s: HRN EN 14214:2012
- HRN EN 14517:2005 en
Tekući naftni proizvodi – Određivanje tipova ugljikovodika i oksigenata u benzinu – Metoda višedimenzionalne plinske kromatografije (EN 14517:2004)
Liquid petroleum products – Determination of hydrocarbon types and oxygenates in petrol – Multidimensional gas chromatography method (EN 14517:2004)
- zamijenjena s: HRN ISO 22854:2008

HZNTO 35, Boje i lakovi

- HRN EN ISO 9227:2008 en
Ispitivanje korozije u umjetnoj atmosferi – Metoda ispitivanja u slanoj komori (ISO 9227:2006; EN ISO 9227:2006)
Corrosion tests in artificial atmospheres – Salt spray tests (ISO 9227:2006; EN ISO 9227:2006)
- zamijenjena s: HRN EN ISO 9227:2012

HZNTO 44, Zavarivanje i srodni postupci

- HRN EN ISO 9455-10:2001 en
Talila za meko lemljenje – Metode ispitivanja – 10. dio: Ispitivanje djelotvornosti talila, metoda razlijevanja lema (ISO 9455-10:1998; EN ISO 9455-10:2000)
Soft soldering fluxes – Test methods – Part 10: Flux efficacy test, solder spread method (ISO 9455-10:1998; EN ISO 9455-10:2000)
- zamijenjena s: HRN EN ISO 9455-10:2012

HZNTO 71, Beton

- HRN EN 12390-1:2001 en
Ispitivanje očvrsloga betona – 1. dio: Oblik, dimenzije i drugi zahtjevi za uzorke i kalupe (EN 12390-1:2000)
Testing hardened concrete – Part 1: Shape, dimensions and other requirements for specimens and moulds (EN 12390-1:2000)
- zamijenjena s: HRN EN 12390-1:2012
- HRN EN 12390-1/AC:2005 en
Ispitivanje očvrsloga betona – 1. dio: Oblik, dimenzije i drugi zahtjevi za uzorke i kalupe (EN 12390-1:2000/AC:2004)
Testing hardened concrete – Part 1: Shape, dimensions and other requirements for specimens and moulds (EN 12390-1:2000/AC:2004)
- zamijenjena s: HRN EN 12390-1:2012

HRN EN 12504-2:2001 en
Ispitivanje betona u konstrukcijama – 2. dio: Nerazorno ispitivanje – Određivanje indeksa sklerometra (EN 12504-2:2001)
Testing concrete in structures – Part 2: Non-destructive testing – Determination of rebound number (EN 12504-2:2001)
- zamijenjena s: HRN EN 12504-2:2012

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

HRN EN 14624:2008 en
Radne značajke pokretnih i sobnih detektora propuštanja halogeniranih radnih tvari (EN 14624:2005)
Performances of mobile leak detectors and of room controllers of halogenated refrigerants (EN 14624:2005)
- zamijenjena s: HRN EN 14624:2012

HRS CEN/TS 14825:2008 en
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline s kompresorima na električni pogon za grijanje i hlađenje prostora – Ispitivanje i mjerenje nazivnih vrijednosti pri uvjetima djelomičnog opterećenja (CEN/TS 14825:2003)
Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Testing and rating at part load conditions (CEN/TS 14825:2003)
- zamijenjena s: HRN EN 14825:2012

HZN/TO 89, Furniri i drvene ploče

HRN EN 636:2008 en
Plywood – Specifications (EN 636:2003)
- zamijenjena s: HRN EN 636:2012

HZN/TO 120, Koža i obuća

HRN EN 14602:2008 en
Obuća – Metode ispitivanja za ocjenjivanje ekoloških mjerila (EN 14602:2004)
Footwear – Test methods for the assessment of ecological criteria (EN 14602:2004)
- zamijenjena s: HRN EN 14602:2012

HRI CEN ISO/TR 16178:2011 en
Obuća – Štetne tvari potencijalno prisutne u obući i dijelovima obuće (ISO/TR 16178:2010; CEN ISO/TR 16178:2010)
Footwear – Critical substances potentially present in footwear and footwear components (ISO/TR 16178:2010; CEN ISO/TR 16178:2010)
- zamijenjena s: HRI CEN ISO/TR 16178:2012

HZN/TO 136, Namještaj

HRI CEN/TR 14699:2008 en
Uredski namještaj – Nazivlje (CEN/TR 14699:2004)
Office furniture – Terminology (CEN/TR 14699:2004)
- zamijenjena s: HRI CEN/TR 14699:2012

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

HRN CEN/TS 12666-2:2007 en
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Polietilen (PE) – 2. dio: Smjernice za ocjenu sukladnosti (CEN/TS 12666-2:2005)
Plastics piping systems for non-pressure underground drainage and sewerage – Polyethylene (PE) – Part 2: Guidance for the assessment of conformity (CEN/TS 12666-2:2005)
- zamijenjena s: HRS CEN/TS 12666-2:2012

HZN/TO 146, Kvaliteta zraka

HRN EN 14211:2006 en
Kvaliteta vanjskog zraka – Standardna metoda za mjerenje koncentracije dušikova dioksida i dušikova monoksida u zraku kemiluminiscencijom (EN 14211:2005)

Ambient air quality – Standard method for the measurement of the concentration of nitrogen dioxide and nitrogen monoxide by chemiluminescence (EN 14211:2005)
- zamijenjena s: HRN EN 14211:2012

HRN EN 14212:2006 en
Kvaliteta vanjskog zraka – Standardna metoda za mjerenje koncentracije sumporova dioksida u zraku ultraljubičastom fluorescencijom (EN 14212:2005)
Ambient air quality – Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence (EN 14212:2005)
- zamijenjena s: HRN EN 14212:2012

HRN EN 14625:2007 en
Kvaliteta vanjskog zraka – Standardna metoda za mjerenje koncentracije ozona ultraljubičastom fotometrijom (EN 14625:2005)
Ambient air quality – Standard method for the measurement of the concentration of ozone by ultraviolet photometry (EN 14625:2005)
- zamijenjena s: HRN EN 14625:2012

HRN EN 14626:2006 en
Kvaliteta vanjskog zraka – Standardna metoda za mjerenje koncentracije ugljikova monoksida nedisperzivnom infracrvenom spektroskopijom (EN 14626:2005)
Ambient air quality – Standard method for the measurement of the concentration of carbon monoxide by nondispersive infrared spectroscopy (EN 14626:2005)
- zamijenjena s: HRN EN 14626:2012

HZN/TO 147, Kvaliteta vode

HRN ISO 6107-6:2010 en,fr,ru
Kvaliteta vode – Terminološki rječnik – 6. dio (ISO 6107-6:2004)
Water quality – Vocabulary – Part 6 (ISO 6107-6:2004)
- zamijenjena s: HRN ISO 6107-6:2012

HZN/TO 165, Drvene konstrukcije

HRN EN 14592:2008 en
Drvene konstrukcije – Štapasta spajala – Zahtjevi (EN 14592:2008)
Timber structures – Dowel-type fasteners – Requirements (EN 14592:2008)
- zamijenjena s: HRN EN 14592:2012

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

HRN EN 81-21:2009 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za transport osoba i tereta – 21. dio: Nova osobna dizala i osobna teretna dizala u postojećim zgradama (EN 81-21:2009)
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 building (EN 81-21:2009)
- zamijenjena s: HRN EN 81-21:2012

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 8611-1:2004 en
Palete za rukovanje materijalima – 1. dio: Ispitne metode za plošne palete (ISO 8611-1:2004; EN ISO 8611-1:2004)
Pallets for materials handling – Part 1: Test methods for flat pallets (ISO 8611-1:2004; EN ISO 8611-1:2004)
- zamijenjena s: HRN EN ISO 8611-1:2012

HZN/TO 524, Cestovni prijevoz i prometna telematika

- HRS CEN ISO/TS 17261:2008 en
Inteligentni transportni sustavi – Automatska identifikacija vozila i opreme – Arhitektura podataka i nazivlje za kontejnerski prijevoz roba (ISO/TS 17261:2005+Cor 1:2005; CEN ISO/TS 17261:2005+AC:2006)
Intelligent transport systems – Automatic vehicle and equipment identification – Intermodal good transport architecture and terminology (ISO/TS 17261:2005+Cor 1:2005; CEN ISO/TS 17261:2005+AC:2006)
- zamijenjena s: HRN EN ISO 17261:2012
- HRS CEN ISO/TS 17262:2008 en
Automatska identifikacija vozila i opreme – Kontejnerski prijevoz roba – Obročivanje i struktura podataka (ISO/TS 17262:2003; CEN ISO/TS 17262:2003)
Automatic vehicle and equipment identification – Intermodal goods transport – Numbering and data structures (ISO/TS 17262:2003; CEN ISO/TS 17262:2003)
- zamijenjena s: HRN EN ISO 17262:2012
- HRS CEN ISO/TS 17263:2008 en
Automatska identifikacija vozila i opreme – Kontejnerski prijevoz roba – Parametri sustava (ISO/TS 17263:2003; CEN ISO/TS 17263:2003)
Automatic vehicle and equipment identification – Intermodal goods transport – System parameters (ISO/TS 17263:2003; CEN ISO/TS 17263:2003)
- zamijenjena s: HRN EN ISO 17263:2012

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

- HRN EN 12467:2008 en
Fibre-cement flat sheets – Product specification and test methods (EN 12467:2004+A1:2005+A2:2006)
- zamijenjena s: HRN EN 12467:2012

HZN/TO 528, Oprema za željeznice

- HRN EN 13103:2011 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Slobodne osovine – Metode konstruiranja (EN 13103:2009+A1:2010)
Railway applications – Wheelsets and bogies – Non-powered axles – Design method (EN 13103:2009+A1:2010)
- zamijenjena s: HRN EN 13103:2012
- HRN EN 13481-1:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 1. dio: Definicije (EN 13481-1:2002)
Railway applications – Track – Performance requirements for fastening systems – Part 1: Definitions (EN 13481-1:2002)
- zamijenjena s: HRN EN 13481-1:2012
- HRN EN 13481-1:2004/A1:2007 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 1. dio: Definicije (EN 13481-1:2002/A1:2006)
Railway applications – Track – Performance requirements for fastening systems – Part 1: Definitions (EN 13481-1:2002/A1:2006)
- zamijenjena s: HRN EN 13481-1:2012
- HRN EN 13481-2:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 2. dio: Kolosiječni pričvrсни pribor za betonske pragove (EN 13481-2:2002)
Railway applications – Track – Performance requirements for fastening systems – Part 2: Fastening systems for concrete sleepers (EN 13481-2:2002)
- zamijenjena s: HRN EN 13481-2:2012
- HRN EN 13481-2/A1:2007 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 2. dio: Kolosiječni pričvrсни pribor za betonske pragove (EN 13481-2:2002/A1:2006)
Railway applications – Track – Performance requirements for fastening systems – Part 2: Fastening systems for concrete sleepers (EN 13481-2:2002/A1:2006)
- zamijenjena s: HRN EN 13481-2:2012
- HRN EN 13481-3:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 3. dio: Kolosiječni pričvrсни pribor za drvene pragove (EN 13481-3:2002)
Railway applications – Track – Performance requirements for fastening systems – Part 3: Fastening systems for wood sleepers (EN 13481-3:2002)
- zamijenjena s: HRN EN 13481-3:2012
- HRN EN 13481-3/A1:2007 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 3. dio: Kolosiječni pričvrсни pribor za drvene pragove (EN 13481-3:2002/A1:2006)
Railway applications – Track – Performance requirements for fastening systems – Part 3: Fastening systems for wood sleepers (EN 13481-3:2002/A1:2006)
- zamijenjena s: HRN EN 13481-3:2012
- HRN EN 13481-4:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 4. dio: Kolosiječni pričvrсни pribor za čelične pragove (EN 13481-4:2002)
Railway applications – Track – Performance requirements for fastening systems – Part 4: Fastening systems for steel sleepers (EN 13481-4:2002)
- zamijenjena s: HRN EN 13481-4:2012
- HRN EN 13481-4/A1:2007 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 4. dio: Kolosiječni pričvrсни pribor za čelične pragove (EN 13481-4:2002/A1:2006)
Railway applications – Track – Performance requirements for fastening systems – Part 4: Fastening systems for steel sleepers (EN 13481-4:2002/A1:2006)
- zamijenjena s: HRN EN 13481-4:2012
- HRN EN 13481-4/AC:2005 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 4. dio: Kolosiječni pričvrсни pribor za čelične pragove (EN 13481-4:2002/AC:2004)
Railway applications – Track – Performance requirements for fastening systems – Part 4: Fastening systems for steel sleepers (EN 13481-4:2002/AC:2004)
- zamijenjena s: HRN EN 13481-4:2012
- HRN EN 13481-5:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 5. dio: Kolosiječni pričvrсни pribor za kolosijek na čvrstoj podlozi (EN 13481-5:2002)
Railway applications – Track – Performance requirements for fastening systems – Part 5: Fastening systems for slab track (EN 13481-5:2002)
- zamijenjena s: HRN EN 13481-5:2012
- HRN EN 13481-5/A1:2007 en
Oprema za željeznice – Željeznički gornji ustroj – Zahtjevi za izradbu kolosiječnog pričvrsnog pribora – 5. dio: Kolosiječni pričvrсни pribor za kolosijek na čvrstoj podlozi (EN 13481-5:2002/A1:2006)
Railway applications – Track – Performance requirements for fastening systems – Part 5: Fastening systems for slab track (EN 13481-5:2002/A1:2006)
- zamijenjena s: HRN EN 13481-5:2012

HRN EN 13481-7:2004 en
Oprema za željeznice – Željeznički gornji ustroj –
Zahtjevi za izradbu kolosiječnoga pričvrstnog pribora
– 7. dio: Specijalni kolosiječni pričvrstni pribor za
skretnice, križišta i tračnice vodilice (EN 13481-7:2003)
Railway applications – Track – Performance
requirements for fastening systems – Part 7: Special
fastening systems for switches and crossing and check
rails (EN 13481-7:2003)
- zamijenjena s: HRN EN 13481-7:2012

HRN EN 13481-7/A1:2007 en
Oprema za željeznice – Željeznički gornji ustroj –
Zahtjevi za izradbu kolosiječnog pričvrstnog pribora –
7. dio: Specijalni kolosiječni pričvrstni pribor za
skretnice, križišta i tračnice vodilice
(EN 13481-7:2003/A1:2006)
Railway applications – Track – Performance
requirements for fastening systems – Part 7: Special
fastening systems for switches and crossings and
check rails (EN 13481-7:2003/A1:2006)
- zamijenjena s: HRN EN 13481-7:2012

HZN/TO 531, *Plastika i guma*

HRN EN ISO 11403-2:2008 en
Plastika – Prikupljanje i prikaz usporedivih podataka
više mjerenja u širem ispitnom području – 2. dio:
Toplinska i preradbena svojstva (ISO 11403-2:2004;
EN ISO 11403-2:2004)
Plastics – Acquisition and presentation of comparable
multipoint data – Part 2: Thermal and processing
properties (ISO 11403-2:2004; EN ISO 11403-2:2004)
- zamijenjena s: HRN EN ISO 11403-2:2012

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

HRN EN 572-1:2005 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-
kalcij-silikatnog stakla – 1. dio: Definicije i opća fizikalna
i mehanička svojstva (EN 572-1:2004)
Glass in building – Basic soda lime silicate glass
products – Part 1: Definitions and general physical and
mechanical properties (EN 572-1:2004)
- zamijenjena s: HRN EN 572-1:2012

HRN EN 572-2:2005 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-
kalcij-silikatnog stakla – 2. dio: "Float" staklo
(EN 572-2:2004)
Glass in building – Basic soda lime silicate glass
products – Part 2: Float glass (EN 572-2:2004)
- zamijenjena s: HRN EN 572-2:2012

HRN EN 572-3:2005 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-
kalcij-silikatnog stakla – 3. dio: Polirano žičano staklo
(EN 572-3:2004)
Glass in building – Basic soda lime silicate glass
products – Part 3: Polished wire glass (EN 572-3:2004)
- zamijenjena s: HRN EN 572-3:2012

HRN EN 572-4:2005 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-
kalcij-silikatnog stakla – 4. dio: Vučeno staklo
(EN 572-4:2004)
Glass in building – Basic soda lime silicate glass
products – Part 4: Drawn sheet glass (EN 572-4:2004)
- zamijenjena s: HRN EN 572-4:2012

HRN EN 572-5:2005 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-
kalcij-silikatnog stakla – 5. dio: Ornamentno staklo
(EN 572-5:2004)
Glass in Building – Basic soda lime silicate glass
products – Part 5: Patterned glass (EN 572-5:2004)
- zamijenjena s: HRN EN 572-5:2012

HRN EN 572-6:2005 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-
kalcij-silikatnog stakla – 6. dio: Ornamentno žičano
staklo (EN 572-6:2004)

Glass in building – Basic soda lime silicate glass
products – Part 6: Wired patterned glass
(EN 572-6:2004)
- zamijenjena s: HRN EN 572-6:2012

HRN EN 572-7:2005 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-
kalcij-silikatnog stakla – 7. dio: Profilno žičano i
nežičano staklo (EN 572-7:2004)
Glass in Building – Basic soda lime silicate glass
products – Part 7: Wired or unwired channel shaped
glass (EN 572-7:2004)
- zamijenjena s: HRN EN 572-7:2012

HRN EN 572-8:2005 en
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-
kalcij-silikatnog stakla – 8. dio: Isporučive i konačno
rezane mjere (EN 572-8:2004)
Glass in building – Basic soda lime silicate glass
products – Part 8: Supplied and final cut sizes
(EN 572-8:2004)
- zamijenjena s: HRN EN 572-8:2012

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

HRN EN ISO 2162-3:2008 en
Tehnička dokumentacija proizvoda – Opruge – 3. dio:
Rječnik (ISO 2162-3:1993; EN ISO 2162-3:1996)
Technical product documentation – Springs – Part 3:
Vocabulary (ISO 2162-3:1993; EN ISO 2162-3:1996)
- bez zamjene

HRN EN ISO 4066:2008 en
Construction drawings – Bar scheduling
(ISO 4066:1994; EN ISO 4066:1999)
- bez zamjene

HRN ISO 16018:2004 en
Tehnički crteži – Brojčano upravljani crtači strojevi –
Mediji za crtanje i oprema za vektorska crtala
(ISO 16018:1999)
Technical drawings – Numerically controlled draughting
machines – Draughting media and tools for vector
plotters (ISO 16018:1999)
- bez zamjene

HRN EN 20286-1:2008 en
ISO sustav graničnih izmjera i dosjeda – 1. dio: Osnove
tolerancija, odstupanja i dosjeda (ISO 286-1:1988;
EN 20286-1:1993)
ISO system of limits and fits – Part 1: Bases of
tolerances, deviations and fits (ISO 286-1:1988;
EN 20286-1:1993)
- bez zamjene

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

HRN EN ISO 16484-5:2010 en
Digitalni sustavi upravljanja u zgradama (BACS) –
5. dio: Podatkovni komunikacijski protokol
(ISO 16484-5:2010; EN ISO 16484-5:2010)
Building automation and control systems – Part 5: Data
communication protocol (ISO 16484-5:2010;
EN ISO 16484-5:2010)
- zamijenjena s: HRN EN ISO 16484-5:2012

HZN/TO 544, *Strojni elementi*

HRN EN ISO 898-5:2005 en
Mehanička svojstva spojnih elemenata izrađenih od
ugljičnih i legiranih čelika – 5. dio: Zatični vijci i slični
spojni elementi s navojem koji nisu vlačno napregnuti
(ISO 898-5:1998; EN ISO 898-5:1998)
Mechanical properties of fasteners made of carbon
steel and alloy steel – Part 5: Set screws and similar
threaded fasteners not under tensile stresses
(ISO 898-5:1998; EN ISO 898-5:1998)
- zamijenjena s: HRN EN ISO 898-5:2012

- HRN EN ISO 1207:2005 en
Vijci stožaste glave s urezom – Proizvod kvalitete izrade A (ISO 1207:1992; EN ISO 1207:1994)
Slotted cheese head screws – Product grade A (ISO 1207:1992; EN ISO 1207:1994)
- zamijenjena s: HRN EN ISO 1207:2012
- HRN EN ISO 1479:2005 en
Vijci za lim sa šesterokutnom glavom (ISO 1479:1983; EN ISO 1479:1994)
Hexagon head tapping screws (ISO 1479:1983; EN ISO 1479:1994)
- zamijenjena s: HRN EN ISO 1479:2012
- HRN EN ISO 1481:2005 en
Vijci za lim valjkaste glave s urezom (ISO 1481:1983; EN ISO 1481:1994)
Slotted pan head tapping screws (ISO 1481:1983; EN ISO 1481:1994)
- zamijenjena s: HRN EN ISO 1481:2012
- HRN EN ISO 1482:2008 en
Vijci za lim s upuštеноm ravnom glavom s urezom (uobičajeni oblik glave) (ISO 1482:1983; EN ISO 1482:1994)
Slotted countersunk (flat) head tapping screws (common head style) (ISO 1482:1983; EN ISO 1482:1994)
- zamijenjena s: HRN EN ISO 1482:2012
- HRN EN ISO 1483:2005 en
Vijci za lim lečaste upuštene glave s urezom (uobičajeni tip glave) (ISO 1483:1983; EN ISO 1483:1994)
Slotted raised countersunk (oval) head tapping screws (common head style) (ISO 1483:1983; EN ISO 1483:1994)
- zamijenjena s: HRN EN ISO 1483:2012
- HRN EN ISO 2702:2008 en
Toplinski obrađeni čelični vijci za lim – Mehanička svojstva (ISO 2702:1992; EN ISO 2702:1994)
Heat-treated steel tapping screws – Mechanical properties (ISO 2702:1992; EN ISO 2702:1994)
- zamijenjena s: HRN EN ISO 2702:2012
- HRN EN ISO 4014:2005 en
Vijci sa šesterokutnom glavom – Proizvod kvalitete izrade A i B (ISO 4014:1999; EN ISO 4014:2000)
Hexagon head bolts – Product grades A and B (ISO 4014:1999; EN ISO 4014:2000)
- zamijenjena s: HRN EN ISO 4014:2012
- HRN EN ISO 4016:2005 en
Vijci sa šesterokutnom glavom – Proizvod kvalitete izrade C (ISO 4016:1999; EN ISO 4016:2000)
Hexagon head bolts – Product grade C (ISO 4016:1999; EN ISO 4016:2000)
- zamijenjena s: HRN EN ISO 4016:2012
- HRN EN ISO 4017:2005 en
Vijci sa šesterokutnom glavom i navojem do glave – Proizvod kvalitete izrade A i B (ISO 4017:1999; EN ISO 4017:2000)
Hexagon head screws – Product grades A and B (ISO 4017:1999; EN ISO 4017:2000)
- zamijenjena s: HRN EN ISO 4017:2012
- HRN EN ISO 4018:2005 en
Vijci sa šesterokutnom glavom i navojem do glave – Proizvod kvalitete izrade C (ISO 4018:1999; EN ISO 4018:2000)
Hexagon head screws – Product grade C (ISO 4018:1999; EN ISO 4018:2000)
- zamijenjena s: HRN EN ISO 4018:2012
- HRN EN ISO 4753:2005 en
Spojni elementi – Vrhovi vijaka s metričkim vanjskim navojem prema ISO (ISO 4753:1999; EN ISO 4753:1999)
Fasteners – Ends of parts with external ISO metric screw thread (ISO 4753:1999; EN ISO 4753:1999)
- zamijenjena s: HRN EN ISO 4753:2012
- HRN EN ISO 7048:2005 en
Vijci s križno upuštеноm stožastom glavom (ISO 7048:1998; EN ISO 7048:1998)
Cross recessed cheese head screws (ISO 7048:1998; EN ISO 7048:1998)
- zamijenjena s: HRN EN ISO 7048:2012
- HRN EN ISO 7049:2008 en
Vijci za lim s valjkastom zaobljenom glavom s križnim upustom (ISO 7049:1983; EN ISO 7049:1994)
Cross recessed pan head tapping screws (ISO 7049:1983; EN ISO 7049:1994)
- zamijenjena s: HRN EN ISO 7049:2012
- HRN EN ISO 7050:2005 en
Samonarezni vijci s križnim upuštеноm i upuštеноm (ravnom) glavom (najčešći oblik glave) (ISO 7050:1983; EN ISO 7050:1994)
Cross recessed countersunk (flat) head tapping screws (common head style) (ISO 7050:1983; EN ISO 7050:1994)
- zamijenjena s: HRN EN ISO 7050:2012
- HRN EN ISO 7051:2005 en
Samonarezni vijci s križnim upuštеноm i upuštеноm (ovalnom) glavom (ISO 7051:1983; EN ISO 7051:1994)
Cross recessed raised countersunk (oval) head tapping screws (ISO 7051:1983; EN ISO 7051:1994)
- zamijenjena s: HRN EN ISO 7051:2012
- HRN EN ISO 7380:2005 en
Vijci zaobljene glave sa šesterokutnim upustom (ISO 7380:2004; EN ISO 7380:2004)
Hexagon socket button head screws (ISO 7380:2004; EN ISO 7380:2004)
- zamijenjena s: HRN EN ISO 7380-1:2012
- HRN EN ISO 8676:2005 en
Vijci sa šesterokutnom glavom i finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO 8676:1999; EN ISO 8676:2000)
Hexagon head screws with metric fine pitch thread – Product grades A and B (ISO 8676:1999; EN ISO 8676:2000)
- zamijenjena s: HRN EN ISO 8676:2012
- HRN EN ISO 8765:2005 en
Vijci sa šesterokutnom glavom i finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO 8765:1999; EN ISO 8765:2000)
Hexagon head bolts with metric fine pitch thread – Product grades A and B (ISO 8765:1999; EN ISO 8765:2000)
- zamijenjena s: HRN EN ISO 8765:2012
- HRN EN ISO 10510:2005 en
Komplet samonareznog vijka s ravnom podložnom pločicom (ISO 10510:1999; EN ISO 10510:1999)
Tapping screw and washer assemblies with plain washers (ISO 10510:1999; EN ISO 10510:1999)
- zamijenjena s: HRN EN ISO 10510:2012
- HRN EN ISO 14579:2005 en
Glavati vijci sa zvjezdastim upustom (ISO 14579:2001; EN ISO 14579:2001)
Hexalobular socket head cap screws (ISO 14579:2001; EN ISO 14579:2001)
- zamijenjena s: HRN EN ISO 14579:2012
- HRN EN ISO 14580:2005 en
Vijci sa stožastom glavom i šesterokrakim zvjezdastim upustom (za pritezanje-odvrtanje) (ISO 14580:2001; EN ISO 14580:2001)
Hexalobular socket cheese head screws (ISO 14580:2001; EN ISO 14580:2001)
- zamijenjena s: HRN EN ISO 14580:2012
- HRN EN ISO 14580:2005/Ispr.1:2008 en
Vijci sa stožastom glavom i šesterokrakim zvjezdastim upustom (za pritezanje-odvrtanje) (EN ISO 14580:2001/AC:2005)
Hexalobular socket cheese head screws (EN ISO 14580:2001/AC:2005)
- zamijenjena s: HRN EN ISO 14580:2012

- HRN EN ISO 14583:2005 en
Vijci s valjkastom zaobljenom glavom i šesterokrakim zvjezdastim upustom (za pritezanje-odvrtnje) (ISO 14583:2001; EN ISO 14583:2001)
Hexalobular socket pan head screws (ISO 14583:2001; EN ISO 14583:2001)
- zamijenjena s: HRN EN ISO 14583:2012
- HRN EN ISO 14583:2005/Ispr.1:2008 en
Vijci s valjkastom zaobljenom glavom i šesterokrakim zvjezdastim upustom (za pritezanje-odvrtnje) (EN ISO 14583:2001/AC:2005)
Hexalobular socket pan head screws (EN ISO 14583:2001/AC:2005)
- zamijenjena s: HRN EN ISO 14583:2012
- HRN EN ISO 14584:2005 en
Vijci s upuštenom lećastom glavom i šesterokrakim zvjezdastim upustom (za pritezanje-odvrtnje) (ISO 14584:2001; EN ISO 14584:2001)
Hexalobular socket raised countersunk head screws (ISO 14584:2001; EN ISO 14584:2001)
- zamijenjena s: HRN EN ISO 14584:2012
- HRN EN ISO 14585:2005 en
Vijci za lim s valjkastom zaobljenom glavom i šesterokrakim zvjezdastim upustom (za pritezanje-odvrtnje) (ISO 14585:2001; EN ISO 14585:2001)
Hexalobular socket pan head tapping screws (ISO 14585:2001; EN ISO 14585:2001)
- zamijenjena s: HRN EN ISO 14585:2012
- HRN EN ISO 14585:2005/Ispr.1:2008 en
Vijci za lim s valjkastom zaobljenom glavom i šesterokrakim zvjezdastim upustom (za pritezanje-odvrtnje) (EN ISO 14585:2001/AC:2005)
Hexalobular socket pan head tapping screws (EN ISO 14585:2001/AC:2005)
- zamijenjena s: HRN EN ISO 14585:2012
- HRN EN ISO 14586:2005 en
Vijci za lim s upuštenom glavom i šesterokrakim zvjezdastim upustom (za pritezanje-odvrtnje) (ISO 14586:2001; EN ISO 14586:2001)
Hexalobular socket countersunk head tapping screws (ISO 14586:2001; EN ISO 14586:2001)
- zamijenjena s: HRN EN ISO 14586:2012
- HRN EN ISO 14587:2005 en
Vijci za lim s upuštenom lećastom glavom i šesterokutnim zvjezdastim upustom (za pritezanje-odvrtnje) (ISO 14587:2001; EN ISO 14587:2001)
Hexalobular socket raised countersunk (oval) head tapping screws (ISO 14587:2001; EN ISO 14587:2001)
- zamijenjena s: HRN EN ISO 14587:2012
- HRN EN 24766:2005 en
Uvojni vijak s urezom i ravnim vrhom (ISO 4766:1983; EN 24766:1992)
Slotted set screws with flat point (ISO 4766:1983; EN 24766:1992)
- zamijenjena s: HRN EN ISO 4766:2012

HZN/TO 551, Gradnja

- HRN EN 15651-1:2010 en
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 1. dio: Brtvila za elemente pročelja (EN 15651-1:2010)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 1: Sealants for facade elements (EN 15651-1:2010)
- zamijenjena s: HRN EN 15651-1:2012
- HRN EN 15651-2:2010 en
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 2. dio: Brtvila za staklene stijene (EN 15651-2:2010)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 2: Sealants for glazing (EN 15651-2:2010)
- zamijenjena s: HRN EN 15651-2:2012

- HRN EN 15651-3:2010 en
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 3. dio: Brtvila za spojeve sanitarija (EN 15651-3:2010)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 3: Sealants for sanitary joints (EN 15651-3:2010)
- zamijenjena s: HRN EN 15651-3:2012
- HRN EN 15651-4:2010 en
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 4. dio: Brtvila za pješačke staze (EN 15651-4:2010)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 4: Sealants for pedestrian walkways (EN 15651-4:2010)
- zamijenjena s: HRN EN 15651-4:2012
- HRN EN 15651-5:2010 en
Brtvila za nekonstrukcijsku uporabu za spojeve u zgradama i pješačkim stazama – 5. dio: Vrednovanje sukladnosti i označivanje (EN 15651-5:2010)
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 5: Evaluation of conformity and marking (EN 15651-5:2010)
- zamijenjena s: HRN EN 15651-5:2012

HZN/TO 553, Predgotovljeni proizvodi

- HRN EN 12004:2008 hr
Ljepila za pločice – Zahtjevi, vrednovanje sukladnosti, razredba i označivanje (EN 12004:2007)
Adhesives for tiles – Requirements, evaluation of conformity, classification and designation (EN 12004:2007)
- zamijenjena s: HRN EN 12004:2012

HZN/TO 555, Medicinski proizvodi

- HRN EN ISO 18113-1:2011 en
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 1. dio: Nazivi, definicije i opći zahtjevi (ISO 18113-1:2009; EN ISO 18113-1:2009)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 1: Terms, definitions and general requirements (ISO 18113-1:2009; EN ISO 18113-1:2009)
- zamijenjena s: HRN EN ISO 18113-1:2012
- HRN EN ISO 18113-2:2011 en
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 2. dio: Dijagnostički reagensi za upotrebu in vitro (ISO 18113-2:2009; EN ISO 18113-2:2009)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 2: In vitro diagnostic reagents for professional use (ISO 18113-2:2009; EN ISO 18113-2:2009)
- zamijenjena s: HRN EN ISO 18113-2:2012
- HRN EN ISO 18113-3:2011 en
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 3. dio: Dijagnostički uređaji za upotrebu in vitro (ISO 18113-3:2009; EN ISO 18113-3:2009)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 3: In vitro diagnostic instruments for professional use (ISO 18113-3:2009; EN ISO 18113-3:2009)
- zamijenjena s: HRN EN ISO 18113-3:2012
- HRN EN ISO 18113-4:2011 en
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 4. dio: Dijagnostički reagensi za samoispitivanje in vitro (ISO 18113-4:2009; EN ISO 18113-4:2009)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 4: In vitro diagnostic reagents for self-testing (ISO 18113-4:2009; EN ISO 18113-4:2009)
- zamijenjena s: HRN EN ISO 18113-4:2012

HRN EN ISO 18113-5:2011 en
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označivanje) – 5. dio: Dijagnostički uređaji za samoispitivanje in vitro (ISO 18113-5:2009; EN ISO 18113-5:2009)
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 5: In vitro diagnostic instruments for self-testing (ISO 18113-5:2009; EN ISO 18113-5:2009)
- zamijenjena s: HRN EN ISO 18113-5:2012

HZNTO 560, Tekstilni proizvodi

HRN EN 24920:2003 en
Tekstilni plošni proizvodi – Određivanje vodoodbojnosti (ispitivanje prskanjem) plošnog tekstila (ISO 4920:1981; EN 24920:1992)
Textile fabrics – Determination of resistance to surface wetting (spray test) of fabrics (ISO 4920:1981; EN 24920:1992)
- zamijenjena s: HRN EN ISO 4920:2012

HZNTO 561, Kotlovi, posude pod tlakom, cjevovodi i plinske boce

HRN EN 1440:2008 en
Oprema i pribor za UNP – Periodični pregled prenosivih, ponovno punjivih boca za UNP (EN 1440:2008)
LPG equipment and accessories – Periodic inspection of transportable refillable LPG cylinders (EN 1440:2008)
- zamijenjena s: HRN EN 1440:2012

HRN EN 12493:2008 en
Oprema i pribor za UNP – Zavareni čelični tlačni spremnici za ukapljeni naftni plin (UNP) – Projektiranje i proizvodnja spremnika za cestovna vozila (EN 12493:2008)
LPG equipment and accessories – Welded steel tanks for liquefied petroleum gas (LPG) – Road tankers design and manufacture (EN 12493:2008)
- zamijenjena s: HRN EN 12493:2012

HRN EN 13480-1:2008 en
Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2002+A1:2005+A2:2008)
Metallic industrial piping – Part 1: General (EN 13480-1:2002+A1:2005+A2:2008)
- zamijenjena s: HRN EN 13480-1:2012

HRN EN 13480-2:2008 en
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2002)
Metallic industrial piping – Part 2: Materials (EN 13480-2:2002)
- zamijenjena s: HRN EN 13480-2:2012

HRN EN 13480-2:2008/A1:2011 en
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2002/A1:2010)
Metallic industrial piping – Part 2: Materials (EN 13480-2:2002/A1:2010)
- zamijenjena s: HRN EN 13480-2:2012

HRN EN 13480-2:2008/A2:2011 en
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2002/A2:2010)
Metallic industrial piping – Part 2: Materials (EN 13480-2:2002/A2:2010)
- zamijenjena s: HRN EN 13480-2:2012

HRN EN 13480-6:2008 en
Metalni industrijski cjevovodi – 6. dio: Dodatni zahtjevi za ukopane cjevovode (EN 13480-6:2004+A1:2005)
Metallic industrial piping – Part 6: Additional requirements for buried piping (EN 13480-6:2004+A1:2005)
- zamijenjena s: HRN EN 13480-6:2012

HZNTO E2, Rotacijski strojevi

HRN EN 60034-3:2008 en
Rotacijski električni strojevi – 3. dio: Posebni zahtjevi za sinkrone strojeve s cilindričnim rotorom (IEC 60034-3:2005; EN 60034-3:2005)
Rotating electrical machines – Part 3: Specific requirements for cylindrical rotor synchronous machines (IEC 60034-3:2005; EN 60034-3:2005)
- zamijenjena s: HRN EN 60034-3:2009

HRN EN 60034-8:2008 en
Rotacijski električni strojevi – 8. dio: Označivanje stezaljki i smjera vrtnje (IEC 60034-8:2002; EN 60034-8:2002)
Rotating electrical machines – Part 8: Terminal markings and direction of rotation (IEC 60034-8:2002; EN 60034-8:2002)
- zamijenjena s: HRN EN 60034-8:2009

HRS CLC/TS 60034-25:2008 en
Rotacijski električni strojevi – 25. dio: Upute za konstrukciju i radna svojstva kaveznih motora posebno konstruiranih za napajanje iz pretvarača (IEC/TS 60034-25:2004; CLC/TS 60034-25:2005)
Rotating electrical machines – Part 25: Guide for the design and performance of cage induction motors specifically designed for converter supply (IEC/TS 60034-25:2004; CLC/TS 60034-25:2005)
- zamijenjena s: HRS CLC/TS 60034-25:2012

HRS CLC/TS 60034-26:2008 en
Rotacijski električni strojevi – 26. dio: Utjecaji naponske nesimetrije na radna svojstva trofaznih kaveznih motora (IEC/TS 60034-26:2002+Corr.1:2002; CLC/TS 60034-26:2004)
Rotating electrical machines – Part 26: Effects of unbalanced voltages on the performance of three-phase induction motors (IEC/TS 60034-26:2002+Corr.1:2002; CLC/TS 60034-26:2004)
- zamijenjena s: HRN EN 60034-26:2008

HZNTO E76, Sigurnost optičkoga zračenja i laserska oprema

HRN EN 31253:1999 de
Laseri i oprema povezana s laserima – Laserski uređaji – Mehanička sučelja (ISO 11253:1993; EN 31253:1994)
Lasers and laser-related equipment – Laser device – Mechanical interfaces (ISO 11253:1993; EN 31253:1994)
- bez zamjene

HRN EN 60825-1:1999 de
Sigurnost laserskih proizvoda – 1. dio: Razredba opreme, zahtjevi i upute za korisnike (IEC 60825-1:1993, preinačeno; EN 60825-1:1994+A11:1996)
Safety of laser products – Part 1: Equipment classification, requirements and user's guide (IEC 60825-1:1993, modified; EN 60825-1:1994+A11:1996)
- zamijenjena s: HRN EN 60825-1:2009

HRN EN 60825-1:2008 en
Sigurnost laserskih proizvoda – 1. dio: Razredba opreme, zahtjevi i vodič za korisnike (IEC 60825-1:1993+Corr.:1994+am1:1997+am2:2001+Corr.1:2002; EN 60825-1:1994+A1:2002+A2:2001)
Safety of laser products – Part 1: Equipment classification, requirements and user's guide (IEC 60825-1:1993+Corr.:1994+am1:1997+am2:2001+Corr.1:2002; EN 60825-1:1994+A1:2002+A2:2001)
- zamijenjena s: HRN EN 60825-1:2009

HZN/TO E106, *Elektromagnetska polja u ljudskome okolišu*

- HRN EN 50357:2002 en
Procjena izloženosti ljudi elektromagnetskim poljima uređaja koji se upotrebljavaju u elektroničkome nadzoru proizvoda (EAS), radiofrekvencijskome prepoznavanju (RFID) i sličnim primjenama (EN 50357:2001)
Evaluation of human exposure to electromagnetic fields from devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications (EN 50357:2001)
- zamijenjena s: HRN EN 62369-1:2009
- HRN EN 50392:2007 en
Norma srodnoga područja za pokazivanje sukladnosti elektroničkih i električnih aparata s temeljnim ograničenjima koja se odnose na izloženost ljudi elektromagnetskim poljima (0 Hz - 300 GHz) (EN 50392:2004)
Generic standard to demonstrate the compliance of electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (0 Hz - 300 GHz) (EN 50392:2004)
- zamijenjena s: HRN EN 62311:2008

HZN/TO Z1, *Informacijska tehnologija*

- HRN EN 1332-1:2008 en
Sustavi identifikacijskih kartica – Sučelje čovjek-stroj – 1. dio: Načela oblikovanja korisničkog sučelja (EN 1332-1:1999)
Identification card systems – Man-machine interface – Part 1: Design principles for the user interface (EN 1332-1:1999)
- zamijenjena s: HRN EN 1332-1:2012
- HRN EN 1332-1:2008/A1:2008 en
Sustavi identifikacijskih kartica – Sučelje čovjek-stroj – 1. dio: Načela oblikovanja korisničkog sučelja – Znakovi u obliku ikona na zaslonima i/ili piktogrami (EN 1332-1:1999/A1:2007)
Identification card systems – Man-machine interface – Part 1: Design principles for the user interface – Symbols in the form of icons on screens and/or pictograms (EN 1332-1:1999/A1:2007)
- zamijenjena s: HRN EN 1332-1:2012

HZN/TU I2, *Strojarstvo 2*

- HRN EN 12639:2008 en
Pumpe i pumpne jedinice za kapljevine – Ispitno pravilo za buku – 2. i 3. razred točnosti (EN 12639:2000+AC:2000+AC:2004)
Liquid pumps and pumps units – Noise test code – Grade 2 and grade 3 of accuracy (EN 12639:2000+AC:2000+AC:2004)
- zamijenjena s: HRN EN ISO 20361:2009
- HRN EN 12723:2008 en
Pumpe za kapljevine – Opće nazivlje za pumpe i instalacije – Definicije, količine, slovni simboli i jedinice (EN 12723:2000)
Liquid pumps – General terms for pumps and installations – Definitions, quantities, letter symbols and units (EN 12723:2000)
- zamijenjena s: HRN EN ISO 17769-1:2012

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

- HRN EN 2133:2008 en
Aerospace series – Cadmium plating of steels with specified tensile strength \leq 1450 MPa, copper, copper alloys and nickel alloys (EN 2133:1997)
- zamijenjena s: HRN EN 2133:2012

- HRN EN 3730:2008 en
Aerospace series – Clamps, saddle fixed and sliding version in aluminium alloy with rubber cushioning – Dimensions, masses (EN 3730:2001)
- zamijenjena s: HRN EN 3730:2012
- HRN EN 4604-002:2008 en
Aerospace series – Cable, electrical, for signal transmission – Part 002: General (EN 4604-002:2006)
- zamijenjena s: HRN EN 4604-002:2012

HZN/TU V1, *Elektronika 1*

- HRN EN 60352-5:2008 en
Solderless connections – Part 5: Press-in connections – General requirements, test methods and practical guidance (IEC 60352-5:2001+am1:2003; EN 60352-5:2001+A1:2003)
- zamijenjena s: HRN EN 60352-5:2009
- HRN EN 60512-1-100:2008 en
Connectors for electronic equipment – Tests and measurements – Part 1-100: General – Applicable publications (IEC 60512-1-100:2001; EN 60512-1-100:2001)
- zamijenjena s: HRN EN 60512-1-100:2009
- HRN EN 60793-2:2008 en
Optical fibres – Part 2: Product specifications – General (IEC 60793-2:2003; EN 60793-2:2004)
- zamijenjena s: HRN EN 60793-2:2009
- HRN EN 60874-1:2008 en
Connectors for optical fibres and cables – Part 1: Generic specification (IEC 60874-1:1999; EN 60874-1:1999)
- zamijenjena s: HRN EN 60874-1:2009
- HRN EN 61274-1-1:2008 en
Fibre optic adaptors – Part 1-1: Blank detail specification (IEC 61274-1-1:1994; EN 61274-1-1:1997)
- zamijenjena s: HRN EN 61274-1-1:2009
- HRN EN 61274-1:2008 en
Fibre optic adaptors – Part 1: Generic specification (IEC 61274-1:1994; EN 61274-1:1997)
- zamijenjena s: HRN EN 61274-1:2009
- HRN EN 61291-4:2008 en
Optical amplifiers – Part 4: Multichannel applications – Performance specification template (IEC 61291-4:2003; EN 61291-4:2003)
- zamijenjena s: HRN EN 61291-4:2009
- HRN EN 61314-1:2008 en
Fibre optic fan-outs – Part 1: Generic specification (IEC 61314-1:2005; EN 61314-1:2005)
- zamijenjena s: HRN EN 61314-1:2009
- HRN EN 61587-1:2008 en
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 – Part 1: Climatic, mechanical tests and safety aspects for cabinets, racks, subracks and chassis (IEC 61587-1:1999; EN 61587-1:1999)
- zamijenjena s: HRN EN 61587-1:2009

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 E2, *Rotacijski strojevi*

• umjesto

HRI CLC/TR 60034-18-32:2008

Rotacijski električni strojevi – Dio 18-32: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za profilne namote – Električna procjena izolacijskih sustava za strojeve do i uključujući 50 MVA i 15 kV (IEC/TR 60034-18-32:1995; CLC/TR 60034-18-32:2004)

Rotating electrical machines – Part 18-32: Functional evaluation of insulation systems – Test procedures for form-wound windings – Electrical evaluation of insulation systems used in machines up to and including 50 MVA and 15 kV (IEC/TR 60034-18-32:1995; CLC/TR 60034-18-32:2004)

• treba biti

HRI CLC/TR 60034-18-32:2008

Rotacijski električni strojevi – Dio 18-32: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Električna procjena izolacijskih sustava za strojeve do i uključujući 50 MVA i 15 kV (IEC/TR 60034-18-32:1995; CLC/TR 60034-18-32:2004)

Rotating electrical machines – Part 18-32: Functional evaluation of insulation systems – Test procedures for form-wound windings – Electrical evaluation of insulation systems used in machines up to and including 50 MVA and 15 kV (IEC/TR 60034-18-32:1995; CLC/TR 60034-18-32:2004)

• umjesto

HRI CLC/TR 60034-18-33:2008

Rotacijski električni strojevi – Dio 18-33: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za profilne namote – Višeparameterska funkcionalna procjena – Izdržljivost izolacijskih sustava kod kombiniranog termičkog i električkog naprezanja za strojeve do i uključujući 50 MVA i 15 kV (IEC/TR 60034-18-33:1995; CLC/TR 60034-18-33:2004)

Rotating electrical machines – Part 18-33: Functional evaluation of insulation systems – Test procedures for form-wound windings – Multifactor functional evaluation – Endurance under combined thermal and electrical stresses of insulation systems used in machines up to and including 50 MVA and 15 kV (IEC/TR 60034-18-33:1995; CLC/TR 60034-18-33:2004)

• treba biti

HRI CLC/TR 60034-18-33:2008

Rotacijski električni strojevi – Dio 18-33: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Višeparameterska funkcionalna procjena – Izdržljivost izolacijskih sustava kod kombiniranog termičkog i električkog naprezanja za strojeve do i uključujući 50 MVA i 15 kV (IEC/TR 60034-18-33:1995; CLC/TR 60034-18-33:2004)

Rotating electrical machines – Part 18-33: Functional evaluation of insulation systems – Test procedures for form-wound windings – Multifactor functional evaluation – Endurance under combined thermal and electrical stresses of insulation systems used in machines up to and including 50 MVA and 15 kV (IEC/TR 60034-18-33:1995; CLC/TR 60034-18-33:2004)

• umjesto

HRS CLC/TS 60034-18-34:2008

Rotacijski električni strojevi – Dio 18-34: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za profilne namote – Procjena termomehaničke izdržljivosti izolacijskih sustava (IEC/TS 60034-18-34:2000; CLC/TS 60034-18-34:2004)

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/TS 60034-18-34:2000; CLC/TS 60034-18-34:2004)

• treba biti

HRS CLC/TS 60034-18-34:2008

Rotacijski električni strojevi – Dio 18-34: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Procjena termomehaničke izdržljivosti izolacijskih sustava (IEC/TS 60034-18-34:2000; CLC/TS 60034-18-34:2004)

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/TS 60034-18-34:2000; CLC/TS 60034-18-34:2004)

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 541, *Sustavi grijanja, ventilacije i klimatizacije u građevinama*

HRN EN 14799:2008

Zračni filtri za opće čišćenje zraka – Nazivlje (EN 14799:2007)
Air filters for general air cleaning – Terminology (EN 14799:2007)

HRN EN 779:2008

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)

HRN EN 13951:2009

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)

HRN EN ISO 2151:2009

Akustika – Ispitno pravilo za buku kompresora i vakuumskih pumpi – Inženjerska metoda (2. razred) (ISO 2151:2004; EN ISO 2151:2008)
Acoustics – Noise test code for compressors and vacuum pumps – Engineering method (grade 2) (ISO 2151:2004; EN ISO 2151:2008)

HRN EN 14419:2009

Cijevi za daljinsko grijanje – Sustavi predizoliranih cijevi za ukopane vrelovodne mreže – Sustavi nadzora (EN 14419:2009)
District heating pipes – Preinsulated bonded pipe systems for directly buried hot water networks – Surveillance systems (EN 14419:2009)

- HRN EN 15632-1:2009
Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 1. dio: Razredba, opći zahtjevi i metode ispitivanja (EN 15632-1:2009)
District heating pipes – Pre-insulated flexible pipe systems – Part 1: Classification, general requirements and test methods (EN 15632-1:2009)
- HRN EN 15632-4:2009
Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 4. dio: Spojeni sustav s metalnim cijevima; zahtjevi i metode ispitivanja (EN 15632-4:2009)
District heating pipes – Pre-insulated flexible pipe systems – Part 4: Bonded system with metal service pipes; requirements and test methods (EN 15632-4:2009)
- HRN EN 15698-1:2009
Cijevi za daljinsko grijanje – Sustavi predizoliranih dvostrukih cijevi za ukopane vrelovodne mreže – 1. dio: Cijevni sklop od dvostruke čelične cijevi, poliuretanske toplinske izolacije i polietilenske vanjske ovojnice (EN 15698-1:2009)
District heating pipes – Preinsulated bonded twin pipe systems for directly buried hot water networks – Part 1: Twin pipe assembly of steel service pipe, polyurethane thermal insulation and outer casing of polyethylene (EN 15698-1:2009)
- HRN EN 253:2009
Cijevi za daljinsko grijanje – Sustavi predizoliranih cijevi za ukopane vrelovodne mreže – Cijevni sklop od čelične cijevi, poliuretanske toplinske izolacije i polietilenske vanjske ovojnice (EN 253:2009)
District heating pipes – Preinsulated bonded pipe systems for directly buried hot water networks – Pipe assembly of steel service pipe, polyurethane thermal insulation and outer casing of polyethylene (EN 253:2009)
- HRN EN 448:2009
Cijevi za daljinsko grijanje – Sustavi predizoliranih cijevi za ukopane vrelovodne mreže – Sklopovi spojnih elemenata od čelične cijevi, poliuretanske toplinske izolacije i polietilenske vanjske ovojnice (EN 448:2009)
District heating pipes – Preinsulated bonded pipe systems for directly buried hot water networks – Fitting assemblies of steel service pipes, polyurethane thermal insulation and outer casing of polyethylene (EN 448:2009)
- HRN EN 489:2009
Cijevi za daljinsko grijanje – Sustavi predizoliranih cijevi za ukopane vrelovodne mreže – Spojni sklop za čelične cijevi s poliuretanskom toplinskom izolacijom i polietilenskom vanjskom ovojnicom (EN 489:2009)
District heating pipes – Preinsulated bonded pipe systems for directly buried hot water networks – Joint assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene (EN 489:2009)
- HRN EN ISO 20361:2009
Pumpe i pumpne jedinice za kapljevine – Ispitno pravilo za buku – 2. i 3. razred točnosti (ISO 20361:2007; EN ISO 20361:2009)
Liquid pumps and pump units – Noise test code – Grades 2 and 3 of accuracy (ISO 20361:2007; EN ISO 20361:2009)
- HRN EN ISO 20361:2009/Ispr.1:2011
Pumpe i pumpne jedinice za kapljevine – Ispitno pravilo za buku – 2. i 3. razred točnosti (EN ISO 20361:2009/AC:2010)
Liquid pumps and pump units – Noise test code – Grades 2 and 3 of accuracy (EN ISO 20361:2009/AC:2010)
- HRN EN ISO 15783:2008
Rotacijske pumpe bez brtve – II. razred – Specifikacija (ISO 15783:2002, EN ISO 15783:2003)
Seal-less rotodynamic pumps – Class II – Specification (ISO 15783:2002; EN ISO 15783:2003)
- HRN EN ISO 15783:2008/A1:2009
Rotacijske pumpe bez brtve – II. razred – Specifikacija (ISO 15783:2003/Amd 1:2008; EN ISO 15783:2003/A1:2008)
Seal-less rotodynamic pumps – Class II – Specification (ISO 15783:2003/Amd 1:2008; EN ISO 15783:2003/A1:2008)
- HRN EN 1012-2:2009
Kompresori i vakuumske pumpe – Sigurnosni zahtjevi – 2. dio: Vakuumske pumpe (EN 1012-2:1996+A1:2009)
Compressors and vacuum pumps – Safety requirements – Part 2: Vacuum pumps (EN 1012-2:1996+A1:2009)
- HRN EN 12162:2009
Pumpe za kapljevine – Sigurnosni zahtjevi – Postupak hidrostatičkoga ispitivanja (EN 12162:2001+A1:2009)
Liquid pumps – Safety requirements – Procedure for hydrostatic testing (EN 12162:2001+A1:2009)
- HRN EN 1151-1:2008
Pumpe – Rotacijske pumpe – Cirkulacijske pumpe nazivne snage do 200 W za sustave grijanja i pripreme potrošne tople vode – 1. dio: Neautomatske cirkulacijske pumpe, zahtjevi, ispitivanje, označavanje (EN 1151-1:2006+AC:2007)
Pumps – Rotodynamic pumps – Circulation pumps having a rated power input not exceeding 200 W for heating installations and domestic hot water installations – Part 1: Non-automatic circulation pumps, requirements, testing, marking (EN 1151-1:2006+AC:2007)
- HRN EN 1151-2:2008
Pumpe – Rotacijske pumpe – Cirkulacijske pumpe nazivne snage do 200 W za sustave grijanja i pripreme potrošne tople vode – 2. dio: Ispitno pravilo (vibroakustika) za mjerenje buke pumpe i buke kapljevine (EN 1151-2:2006+AC:2007)
Pumps – Rotodynamic pumps – Circulation pumps having a rated power input not exceeding 200 W for heating installations and domestic hot water installations – Part 2: Noise test code (vibro-acoustics) for measuring structure- and fluid-borne noise (EN 1151-2:2006+AC:2007)
- HRN EN 12157:2008
Rotacijske pumpe – Rashladne pumpne jedinice za alatne strojeve – Nazivni protok, dimenzije (EN 12157:1999)
Rotodynamic pumps – Coolant pumps units for machine tools – Nominal flow rate, dimensions (EN 12157:1999)
- HRN EN 12262:2008
Rotacijske pumpe – Tehnička dokumentacija – Nazivi, područje dobave, izvedba (EN 12262:1998)
Rotodynamic pumps – Technical documents – Terms, delivery range, layout (EN 12262:1998)
- HRN EN 12483:2008
Pumpe za kapljevine – Pumpne jedinice s frekvencijskim pretvaračima – Jamstvo i ispitivanje sukladnost (EN 12483:1999)
Liquid pumps – Pump units with frequency inverters – Guarantee and compatibility tests (EN 12483:1999)
- HRN EN 12756:2008
Mehaničke brtve – Glavne dimenzije, oznake i šifre materijala (EN 12756:2000)
Mechanical seals – Principal dimensions, designation and material codes (EN 12756:2000)

- HRN EN 14343:2008
Rotacijske tlačne pumpe – Ispitivanje značajka za prihvaćanje (EN 14343:2005)
Rotary positive displacement pumps – Performance tests for acceptance (EN 14343:2005)
- HRN EN 14343:2008/Ispr.1:2008
Rotacijske tlačne pumpe – Ispitivanje značajka za prihvaćanje (EN 14343:2005/AC:2008)
Rotary positive displacement pumps – Performance tests for acceptance (EN 14343:2005/AC:2008)
- HRN EN 1829-2:2008
Strojevi s visokotlačnim mlazom vode – Sigurnosni zahtjevi – 2. dio: Crijeva i spojnice (EN 1829-2:2008)
High-pressure water jet machines – Safety requirements – Part 2: Hoses, hose lines and connectors (EN 1829-2:2008)
- HRN EN 1829-2:2008/Ispr.1:2011
Strojevi s visokotlačnim mlazom vode – Sigurnosni zahtjevi – 2. dio: Crijeva i spojnice (EN 1829-2:2008/AC:2011)
High-pressure water jet machines – Safety requirements – Part 2: Hoses, hose lines and connectors (EN 1829-2:2008/AC:2011)
- HRN EN 733:2008
Centrifugalne pumpe s aksijalnim usisom, razreda do 10 bara s nosačem ležaja na kućištu – Nazivna radna točka, glavne dimenzije, sustav označivanja (EN 733:1995)
ENd-suction centrifugal pumps, rating with 10 bar with bearing bracket – Nominal duty point, main dimensions, designation system (EN 733:1995)
- HRN EN 734:2008
Kanalne pumpe PN 40 – Nazivna radna točka, glavne dimenzije, sustav označivanja (EN 734:1995)
Side channel pumps PN 40 – Nominal duty point, main dimensions, designation system (EN 734:1995)
- HRN EN 735:2008
Ukupne dimenzije rotacijskih pumpi – Tolerancije (EN 735:1995)
Overall dimensions of rotodynamic pumps – Tolerances (EN 735:1995)
- HRN EN ISO 14847:2008
Rotacijske tlačne pumpe – Tehnički zahtjevi (ISO 14847:1999, EN ISO 14847:1999)
Rotary positive displacement pumps – Technical requirements (ISO 14847:1999; EN ISO 14847:1999)
- HRN EN ISO 16330:2008
Stapne pumpe i pumpne jedinice – Tehnički zahtjevi (ISO 16330:2003; EN ISO 16330:2003)
Reciprocating positive displacement pumps and pump units – Technical requirements (ISO 16330:2003; EN ISO 16330:2003)
- HRN EN ISO 5198:2008
Centrifugalne (radijalne, dijagonalne i aksijalne) pumpe – Pravilo za ispitivanje hidrauličkih značajka – Razred preciznosti (ISO 5198:1987; EN ISO 5198:1998)
Centrifugal, mixed flow and axial pumps – Code for hydraulic performance tests – Precision class (ISO 5198:1987; EN ISO 5198:1998)
- HRN EN ISO 5199:2008
Tehničke specifikacije za centrifugalne pumpe – II. razred (ISO 5199:2002; EN ISO 5199:2002)
Technical specifications for centrifugal pumps – Class II (ISO 5199:2002; EN ISO 5199:2002)
- HRN EN ISO 9905:2008
Tehničke specifikacije za centrifugalne pumpe – I. razred (ISO 9905:1994+Cor 1:2005; EN ISO 9905:1997+AC:2006)
Technical specifications for centrifugal pumps – Class I (ISO 9905:1994+Cor 1:2005; EN ISO 9905:1997+AC:2006)
- HRN EN ISO 9906:2008
Rotacijske pumpe – Ispitivanja prihvatljivosti hidrauličkih značajka – 1. i 2. razred (ISO 9906:1999; EN ISO 9906:1999)
Rotodynamic pumps – Hydraulic performance acceptance tests – Grades 1 and 2 (ISO 9906:1999; EN ISO 9906:1999)
- HRN EN ISO 9908:2008
Tehničke specifikacije za centrifugalne pumpe – III. razred (ISO 9908:1993; EN ISO 9908:1997)
Technical specifications for centrifugal pumps – Class III (ISO 9908:1993; EN ISO 9908:1997)
- HRN EN 13941:2010
Projektiranje i montaža sustava predizoliranih cijevi za daljinsko grijanje (EN 13941:2009+A1:2010)
Design and installation of preinsulated bonded pipe systems for district heating (EN 13941:2009+A1:2010)
- HRN EN 15632-2:2011
Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 2. dio: Predizolirane plastične cijevi – Zahtjevi i metode ispitivanja (EN 15632-2:2010)
District heating pipes – Pre-insulated flexible pipe systems – Part 2: Bonded plastic service pipes – Requirements and test methods (EN 15632-2:2010)
- HRN EN 15632-3:2011
Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 3. dio: Nespojani sustav s plastičnim cijevima; zahtjevi i metode ispitivanja (EN 15632-3:2010)
District heating pipes – Pre-insulated flexible pipe systems – Part 3: Non bonded system with plastic service pipes; requirements and test methods (EN 15632-3:2010)
- HRN EN 488:2011
Cijevi za daljinsko grijanje – Sustavi predizoliranih cijevi za ukopane vrelovodne mreže – Sklop čeličnoga zapornog elementa za čelične cijevi s poliuretanskom toplinskom izolacijom i polietilenskom vanjskom ovojnicom (EN 488:2011)
District heating pipes – Preinsulated bonded pipe systems for directly buried hot water networks – Steel valve assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene (EN 488:2011)
- HRN EN 15805:2010
Filtri za čestice pri općoj ventilaciji – Standardne dimenzije (EN 15805:2009)
Particulate air filters for general ventilation – Standardised dimensions (EN 15805:2009)
- HRN EN 1822-1:2010
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 1. dio: Razredba, ispitivanje značajka, označivanje (EN 1822-1:2009)
High efficiency air filters (EPA, HEPA and ULPA) – Part 1: Classification, performance testing, marking (EN 1822-1:2009)
- HRN EN 1822-2:2010
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 2. dio: Proizvodnja aerosola, oprema za mjerenje, statistika brojanja čestica (EN 1822-2:2009)
High efficiency air filters (EPA, HEPA and ULPA) – Part 2: Aerosol production, measuring equipment, particle counting statistics (EN 1822-2:2009)
- HRN EN 1822-3:2010
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 3. dio: Ispitivanje trakastih filtarskih tvari (EN 1822-3:2009)
High efficiency air filters (EPA, HEPA and ULPA) – Part 3: Testing flat sheet filter media (EN 1822-3:2009)

- HRN EN 1822-4:2010
 Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) –
 4. dio: Određivanje propusnosti filtarskih elemenata
 (metoda skeniranja) (EN 1822-3:2009)
 High efficiency air filters (EPA, HEPA and ULPA) –
 Part 4: Determining leakage of filter elements (scan
 method) (EN 1822-4:2009)
- HRN EN 1822-5:2010
 Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) –
 5. dio: Određivanje učinkovitosti filtarskih elemenata
 (EN 1822-5:2009)
 High efficiency air filters (EPA, HEPA and ULPA) –
 Part 5: Determining the efficiency of filter elements
 (EN 1822-5:2009)
- HRI CEN/TR 13930:2010
 Rotacijske pumpe – Projektiranje usisa pumpe –
 Preporuke za ugradnju pumpe
 (CEN/TR 13930:2009+AC:2010)
 Rotodynamic pumps – Design of pump intakes –
 Recommendations for installation of pumps
 (CEN/TR 13930:2009+AC:2010)
- HRI CEN/TR 13931:2010
 Rotacijske pumpe – Sile i momenti na prirubnicama –
 Centrifugalne pumpe s mješovitim protokom i aksijalne
 pumpe s protokom s horizontalnim i vertikalnim
 vratilom (CEN/TR 13931:2009+AC:2010)
 Rotodynamic pumps – Forces and moments on flanges
 – Centrifugal, mixed flow and axial flow horizontal and
 vertical shafts pumps (CEN/TR 13931:2009+AC:2010)
- HRI CEN/TR 13932:2010
 Rotacijske pumpe – Preporuke za spajanje ulaza i
 izlaza na cjevovod (CEN/TR 13932:2009)
 Rotodynamic pumps – Recommendations for fitting of
 inlet and outlet on piping (CEN/TR 13932:2009)
- HRN EN 1829-1:2010
 Strojovi s visokotlačnim mlazom vode – Sigurnosni
 zahtjevi – 1. dio: Strojovi (EN 1829-1:2010)
 High pressure water jet machines – Safety requirements
 – Part 1: Machines (EN 1829-1:2010)
- HRN EN 809:2010
 Pumpe i pumpne jedinice za kapljevine – Opći
 sigurnosni zahtjevi (EN 809:1998+A1:2009+AC:2010)
 Pumps and pump units for liquids – Common safety
 requirements (EN 809:1998+A1:2009+AC:2010)
- HRN EN ISO 2858:2010
 Centrifugalne pumpe s aksijalnim usisom (nazivni tlak
 16 bar) – Opis, nazivna radna točka i dimenzije
 (ISO 2858:1975; EN ISO 2858:2010)
 ENd-suction centrifugal pumps (rating 16 bar) –
 Designation, nominal duty point and dimensions
 (ISO 2858:1975; EN ISO 2858:2010)
- HRN EN ISO 3661:2010
 Centrifugalne pumpe s aksijalnim usisom – Temeljna
 ploča i ugradbene dimenzije (ISO 3661:1977;
 EN ISO 3661:2010)
 ENd-suction centrifugal pumps – Baseplate and
 installation dimensions (ISO 3661:1977;
 EN ISO 3661:2010)
- HRN EN 1012-1:2010
 Kompresori i vakuumske pumpe – Sigurnosni zahtjevi
 – 1. dio: Zračni kompresori (EN 1012-1:2010)
 Compressors and vacuum pumps – Safety
 requirements – Part 1: Air compressors
 (EN 1012-1:2010)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Međunarodna normizacija ISO

ISO 24612:2012
Language resource management – Linguistic annotation framework (LAF)

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

Međunarodna normizacija ISO

ISO 10209:2012
Technical product documentation – Vocabulary – Terms relating to technical drawings, product definition and related documentation

Europska normizacija CEN

EN ISO 10209:2012
Technical product documentation – Vocabulary – Terms relating to technical drawings, product definition and related documentation (ISO 10209:2012)

01.040.13 Okoliš. Zaštita zdravlja. Sigurnost (Rječnici)

Međunarodna normizacija ISO

ISO 6107-2:2006/Amd 1:2012
Water quality – Vocabulary

01.040.25 Proizvodna tehnika (Rječnici)

Međunarodna normizacija ISO

ISO 8000-2:2012
Data quality – Part 2: Vocabulary

01.040.59 Tekstilna i kožarska tehnologija (Rječnici)

Međunarodna normizacija ISO

ISO 6938:2012
Textiles – Natural fibres – Generic names and definitions

01.040.81 Industrija stakla i keramike (Rječnici)

Europska normizacija CEN

EN 572-1:2012
Glass in building – Basic soda lime silicate glass products – Part 1: Definitions and general physical and mechanical properties

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Međunarodna normizacija ISO

ISO 6927:2012
Buildings and civil engineering works – Sealants – Vocabulary

Europska normizacija CEN

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 ISO 6927:2012
Buildings and civil engineering works – Sealants – Vocabulary (ISO 6927:2012)

01.075 Slovni simboli

Međunarodna normizacija ISO

ISO 15241:2012
Rolling bearings – Symbols for physical quantities

01.080.10 Simboli za javne obavijesti

Međunarodna normizacija ISO

ISO 7010:2011/Amd 2:2012
Graphical symbols – Safety colours and safety signs – Registered safety signs

01.080.20 Grafički simboli za upotrebu na posebnoj opremi

Međunarodna normizacija ISO

ISO 7010:2011/Amd 2:2012
Graphical symbols – Safety colours and safety signs – Registered safety signs

ISO 15223-1:2012
Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements

IEC

IEC 62648:2012
Graphical symbols for use on equipment – Guidelines for the inclusion of graphical symbols in IEC publications

**Europska normizacija
CEN**

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)

**01.100.25 Crteži u elektrotehnici i
elektronici**

**Međunarodna normizacija
IEC**

IEC 61240:2012

Piezoelectric devices – Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection – General rules

**01.110 Tehnička dokumentacija o
proizvodu**

**Međunarodna normizacija
ISO**

ISO 10209:2012

Technical product documentation – Vocabulary – Terms relating to technical drawings, product definition and related documentation

**Europska normizacija
CEN**

EN ISO 10209:2012

Technical product documentation – Vocabulary – Terms relating to technical drawings, product definition and related documentation (ISO 10209:2012)

ETSI

TSI GS LIS 004 V2.0.0:2012

Localisation Industry Standards (LIS) – Global Information Management Metrics eXchange Volume (GMX-V)

01.120 Normizacija. Opća pravila

**Međunarodna normizacija
IEC**

IECEX 01:2012

IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEX System) – Basic Rules

IEC Guide 109:2012

Environmental aspects – Inclusion in electrotechnical product standards

**Europska normizacija
CEN/CENELEC**

CEN/CLC Guide 20:2012

Guide on Membership Criteria of CEN and CENELEC

01.140.20 Informacijske znanosti

**Međunarodna normizacija
ISO**

ISO 13008:2012

Information and documentation – Digital records conversion and migration process

**03.060 Financije. Bankarstvo. Monetarni
sustavi. Osiguranje**

**Međunarodna normizacija
ISO**

ISO 17442:2012

Financial services – Legal Entity Identifier (LEI)

03.080.20 Usluge za poduzeća

**Međunarodna normizacija
ISO**

ISO 20121:2012

Event sustainability management systems – Requirements with guidance for use

03.080.30 Usluge za potrošače

**Međunarodna normizacija
ISO**

ISO 14452:2012

Network services billing – Requirements

03.100.30 Upravljanje ljudskim resursima

**Međunarodna normizacija
ISO**

ISO 9712:2012

Non-destructive testing – Qualification and certification of NDT personnel

ISO 13585:2012

Brazing – Qualification test of brazers and brazing operators

**Europska normizacija
CEN**

EN ISO 9712:2012

Non-destructive testing – Qualification and certification of NDT personnel (ISO 9712:2012)

EN ISO 13585:2012

Brazing – Qualification test of brazers and brazing operators (ISO 13585:2012)

**03.120.10 Upravljanje kvalitetom i
osiguravanje kvalitete**

**Europska normizacija
CEN**

EN 16247-1:2012

Energy audits – Part 1: General requirements

EN ISO 13485:2012/AC:2012

Medical devices – Quality management systems – Requirements for regulatory purposes – Technical Corrigendum 1 (ISO 13485:2003+Cor 1:2009)

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

**Međunarodna normizacija
ISO**

ISO/IEC 17024:2012

Conformity assessment – General requirements for bodies operating certification of persons

IEC

IECEE 01:2012
IEC System of Conformity Assessment Schemes for
Electrotechnical Equipment and Components (IECEE)
– Basic Rules

Europska normizacija

CEN

EN ISO/IEC 17024:2012
Conformity assessment – General requirements for
bodies operating certification of persons
(ISO/IEC 17024:2012)

03.120.30 Primjena statističkih metoda

Međunarodna normizacija

ISO

ISO 11843-7:2012
Capability of detection – Part 7: Methodology based on
stochastic properties of instrumental noise
ISO/TR 13587:2012
Three statistical approaches for the assessment and
interpretation of measurement uncertainty

03.140 Patenti. Intelektualno vlasništvo

Međunarodna normizacija

ISO

ISO 12931:2012
Performance criteria for authentication solutions used
to combat counterfeiting of material goods

03.220.01 Prijevoz općenito

Međunarodna normizacija

ISO

ISO 21210:2012
Intelligent transport systems – Communications access
for land mobiles (CALM) – IPv6 Networking

07.030 Fizika. Kemija

Međunarodna normizacija

ISO

ISO/TR 13014:2012/Cor 1:2012
Nanotechnologies – Guidance on physico-chemical
characterization of engineered nanoscale materials
for toxicologic assessment

07.100.20 Mikrobiologija vode

Međunarodna normizacija

ISO

ISO 9308-2:2012
Water quality – Enumeration of Escherichia coli and
coliform bacteria – Part 2: Most probable number
method

11.040.01 Medicinska oprema općenito

Međunarodna normizacija

ISO

ISO 15223-1:2012
Medical devices – Symbols to be used with medical
device labels, labelling and information to be supplied
– Part 1: General requirements

IEC

IEC 60601-1:2005/A1:2012
Medical electrical equipment – Part 1: General
requirements for basic safety and essential performance
IEC/TR 80001-2-1:2012
Application of risk management for IT-networks
incorporating medical devices – Part 2-1: Step by step
risk management of medical IT-networks – Practical
applications and examples
IEC/TR 80001-2-2:2012
Application of risk management for IT-networks
incorporating medical devices – Part 2-2: Guidance for
the disclosure and communication of medical device
security needs, risks and controls
IEC/TR 80001-2-3:2012
Application of risk management for IT-networks
incorporating medical devices – Part 2-3: Guidance
for wireless networks

Europska normizacija

CEN

EN ISO 13485:2012/AC:2012
Medical devices – Quality management systems –
Requirements for regulatory purposes – Technical
Corrigendum 1 (ISO 13485:2003+Cor 1:2009)
EN ISO 14971:2012
Medical devices – Application of risk management to
medical devices (ISO 14971:2007, Corrected version
2007-10-01)
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)

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija

ISO

ISO 8359:1996/Amd 1:2012
Oxygen concentrators for medical use – Safety
requirements

11.040.20 Transfuzijska, infuzijska i injekcijska oprema

Međunarodna normizacija

IEC

IEC 62653:2012
Guideline for safe operation of medical equipment used
for haemodialysis treatments

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

- ISO 9714-1:2012
Orthopaedic drilling instruments – Part 1: Drill bits, taps and countersink cutters
- ISO 14117:2012
Active implantable medical devices – Electromagnetic compatibility – EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators and cardiac resynchronization devices

11.040.55 Dijagnostička oprema

Međunarodna normizacija ISO

- ISO 8600-7:2012
Endoscopes – Medical endoscopes and endotherapy devices – Part 7: Basic requirements for medical endoscopes of water-resistant type

11.040.60 Terapeutska oprema

Međunarodna normizacija IEC

- IEC 60601-2-10:2012
Medical electrical equipment – Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators

11.040.70 Oftalmološka oprema

Međunarodna normizacija ISO

- ISO 11987:2012
Ophthalmic optics – Contact lenses – Determination of shelf-life

Europska normizacija CEN

- EN ISO 11987:2012
Ophthalmic optics – Contact lenses – Determination of shelf-life (ISO 11987:2012)

11.060.10 Stomatološki materijali

Međunarodna normizacija ISO

- ISO 6876:2012
Dentistry – Root canal sealing materials

Europska normizacija CEN

- EN ISO 6876:2012
Dentistry – Root canal sealing materials (ISO 6876:2012)

11.060.15 Stomatološki implantati

Međunarodna normizacija ISO

- ISO 13017:2012
Dentistry – Magnetic attachments

Europska normizacija CEN

- EN ISO 13017:2012
Dentistry – Magnetic attachments (ISO 13017:2012)

11.060.25 Stomatološki instrumenti

Međunarodna normizacija ISO

- ISO 13504:2012
Dentistry – General requirements for instruments and related accessories used in dental implant placement and treatment

Europska normizacija CEN

- EN ISO 13504:2012
Dentistry – General requirements for instruments and related accessories used in dental implant placement and treatment (ISO 13504:2012)

11.100.10 In vitro dijagnostički ispitni sustavi

Međunarodna normizacija ISO

- ISO 24443:2012
Determination of sunscreen UVA photoprotection in vitro

IEC

- IEC 61326-2-6:2012
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-6: Particular requirements – In vitro diagnostic (IVD) medical equipment

Europska normizacija CEN

- EN ISO 24443:2012
Determination of sunscreen UVA photoprotection in vitro (ISO 24443:2012)

11.100.20 Biološko vrednovanje medicinskih proizvoda

Međunarodna normizacija ISO

- ISO 10993-12:2012
Biological evaluation of medical devices – Part 12: Sample preparation and reference materials
- ISO/TR 15499:2012
Biological evaluation of medical devices – Guidance on the conduct of biological evaluation within a risk management process

Europska normizacija

CEN

- EN ISO 10993-12:2012
Biological evaluation of medical devices – Part 12:
Sample preparation and reference materials
(ISO 10993-12:2012)

11.140 Bolnička oprema

Međunarodna normizacija

ISO

- ISO 11193-1:2008/Amd 1:2012
Single-use medical examination gloves – Part 1:
Specification for gloves made from rubber latex or
rubber solution

11.160 Prva pomoć

Europska normizacija

CEN

- EN 1865-3:2012
Patient handling equipment used in road ambulances
– Part 3: Heavy duty stretcher
- EN 1865-5:2012
Patient handling equipment used in road ambulances
– Part 5: Stretcher support

11.180.10 Pomagala i prilagodbe za kretanje

Međunarodna normizacija

ISO

- ISO 10865-1:2012
Wheelchair containment and occupant retention
systems for accessible transport vehicles designed
for use by both sitting and standing passengers – Part
1: Systems for rearward-facing wheelchair-seated
passengers

13.020.01 Okoliš i zaštita okoliša općenito

Međunarodna normizacija

IEC

- IEC Guide 109:2012
Environmental aspects – Inclusion in electrotechnical
product standards

13.040.20 Atmosfera okoliša

Međunarodna normizacija

ISO

- ISO 12219-1:2012
Interior air of road vehicles – Part 1: Whole vehicle
test chamber – Specification and method for the
determination of volatile organic compounds in cabin
interiors
- ISO 12219-2:2012
Interior air of road vehicles – Part 2: Screening method
for the determination of the emissions of volatile
organic compounds from vehicle interior parts and
materials – Bag method
- ISO 12219-3:2012
Interior air of road vehicles – Part 3: Screening method
for the determination of the emissions of volatile
organic compounds from vehicle interior parts and
materials – Micro-scale chamber method

ISO 16000-19:2012

Indoor air – Part 19: Sampling strategy for moulds

ISO 22262-1:2012

Air quality – Bulk materials – Part 1: Sampling and
qualitative determination of asbestos in commercial
bulk materials

13.040.30 Atmosfera u radnome prostoru

Međunarodna normizacija

ISO

ISO 15202-1:2012

Workplace air – Determination of metals and metalloids
in airborne particulate matter by inductively coupled
plasma atomic emission spectrometry – Part 1:
Sampling

13.040.40 Emisije iz stacionarnih izvora

Međunarodna normizacija

ISO

ISO 13271:2012

Stationary source emissions – Determination of PM10/
PM2,5 mass concentration in flue gas – Measurement
at higher concentrations by use of virtual impactors

13.060.01 Kvaliteta vode općenito

Međunarodna normizacija

ISO

ISO 6107-2:2006/Amd 1:2012

Water quality – Vocabulary

13.060.45 Ispitivanje vode općenito (uključujući uzorkovanje)

Međunarodna normizacija

ISO

ISO 11352:2012

Water quality – Estimation of measurement uncertainty
based on validation and quality control data

13.060.50 Ispitivanje voda na kemijske tvari

Međunarodna normizacija

ISO

ISO 14403-1:2012

Water quality – Determination of total cyanide and free
cyanide using flow analysis (FIA and CFA) – Part 1:
Method using flow injection analysis (FIA)

ISO 14403-2:2012

Water quality – Determination of total cyanide and free
cyanide using flow analysis (FIA and CFA) – Part 2:
Method using continuous flow analysis (CFA)

Europska normizacija

CEN

EN ISO 14403-1:2012

Water quality – Determination of total cyanide and free
cyanide using flow analysis (FIA and CFA) – Part 1:
Method using flow injection analysis (FIA)
(ISO 14403-1:2012)

EN ISO 14403-2:2012

Water quality – Determination of total cyanide and free cyanide using flow analysis (FIA and CFA) – Part 2: Method using continuous flow analysis (CFA) (ISO 14403-2:2012)

13.060.60 Ispitivanje fizikalnih svojstava vode

Međunarodna normizacija ISO

ISO 13160:2012

Water quality – Strontium 90 and strontium 89 – Test methods using liquid scintillation counting or proportional counting

13.060.70 Ispitivanje bioloških svojstava vode

Međunarodna normizacija ISO

ISO 10870:2012

Water quality – Guidelines for the selection of sampling methods and devices for benthic macroinvertebrates in fresh waters

Europska normizacija CEN

EN ISO 10870:2012

Water quality – Guidelines for the selection of sampling methods and devices for benthic macroinvertebrates in fresh waters (ISO 10870:2012)

13.060.99 Ostale norme koje se odnose na kvalitetu vode

Međunarodna normizacija IEC

IEC 60734:2012

Household electrical appliances – Performance – Water for testing

13.080.10 Kemijske značajke tla

Međunarodna normizacija ISO

ISO 11504:2012

Soil quality – Assessment of impact from soil contaminated with petroleum hydrocarbons

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 12782-2:2012

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 12782-3:2012

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 12782-4:2012

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 12782-5:2012

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 15009:2012

Soil quality – Gas chromatographic determination of the content of volatile aromatic hydrocarbons, naphthalene and volatile halogenated hydrocarbons – Purge-and-trap method with thermal desorption

Europska normizacija CEN

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 12782-2:2012

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 12782-3:2012

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 12782-4:2012

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 12782-5:2012

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)

13.080.30 Biološka svojstva tla

Međunarodna normizacija ISO

ISO 15685:2012

Soil quality – Determination of potential nitrification and inhibition of nitrification – Rapid test by ammonium oxidation

13.100 Radna sigurnost. Industrijska higijena

Međunarodna normizacija ISO

ISO 13577-1:2012

Industrial furnaces and associated processing equipment – Safety – Part 1: General requirements

13.110 Sigurnost strojeva

Međunarodna normizacija

ISO

- ISO/TR 14121-2:2012
Safety of machinery – Risk assessment – Part 2:
Practical guidance and examples of methods

13.160 Utjecaj vibracija i udara na ljude

Međunarodna normizacija

ISO

- ISO 20643:2005/Amd 1:2012
Mechanical vibration – Hand-held and hand-guided
machinery – Principles for evaluation of vibration
emission – Amendment 1: Accelerometer positions
- ISO/TR 10687:2012
Mechanical vibration – Description and determination
of seated postures with reference to whole-body
vibration

Europska normizacija

CEN

- 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)

13.180 Ergonomija

Međunarodna normizacija

ISO

- ISO 9241-410:2008/Amd 1:2012
Ergonomics of human-system interaction – Part 410:
Design criteria for physical input devices
- ISO/TR 12296:2012
Ergonomics – Manual handling of people in the
healthcare sector

Europska normizacija

CEN

- 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)

13.220.10 Vatrogastvo

Međunarodna normizacija

ISO

- ISO 7202:2012
Fire protection – Fire extinguishing media – Powder

Europska normizacija

CEN

- EN 13204:2004+A1:2012
Double acting hydraulic rescue tools for fire and rescue
service use – Safety and performance requirements

13.220.20 Zaštita od požara

Međunarodna normizacija

ISO

- ISO 7240-5:2012
Fire detection and alarm systems – Part 5: Point-type
heat detectors
- ISO 16437:2012
Ships and marine technology – Lifesaving and fire
protection – Atmospheric oil mist detectors for ships

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Međunarodna normizacija

IEC

- IEC/TR 62222:2012
Fire performance of communication cables installed
in buildings

13.220.50 Vatrootpornost građevnih materijala i elemenata

Međunarodna normizacija

ISO

- ISO/TR 834-3:2012
Fire-resistance tests – Elements of building construction
– Part 3: Commentary on test method and guide to the
application of the outputs from the fire-resistance test

Europska normizacija

CEN

- EN 13381-6:2012
Test methods for determining the contribution to the
fire resistance of structural members – Part 6: Applied
protection to concrete filled hollow steel columns
- EN 15254-7:2012
Extended application of results from fire resistance
tests – Non-loadbearing ceilings – Part 7: Metal
sandwich panel construction

13.260 Zaštita od električnog udara. Rad pod naponom

Međunarodna normizacija

IEC

- IEC 60900:2012
Live working – Hand tools for use up to 1 000 V a.c.
and 1 500 V d.c.

13.310 Zaštita od kriminala

Europska normizacija

CENELEC

- EN 50132-5-1:2011/AC:2012
Alarm systems – CCTV surveillance systems for use in
security applications – Part 5-1: Video transmission –
General video transmission performance requirements
- EN 50132-5-2:2011/AC:2012
Alarm systems – CCTV surveillance systems for use in
security applications – Part 5-2: IP Video Transmission
Protocols

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija CENELEC

EN 50291-1:2010/A1:2012
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 1: Test methods and performance requirements

17.020 Mjeriteljstvo i mjerenje općenito

Međunarodna normizacija ISO

ISO 11843-7:2012
Capability of detection – Part 7: Methodology based on stochastic properties of instrumental noise

17.040.30 Mjerni instrumenti

Međunarodna normizacija ISO

ISO 25178-3:2012
Geometrical product specifications (GPS) – Surface texture: Areal – Part 3: Specification operators

Europska normizacija CEN

EN ISO 25178-3:2012
Geometrical product specifications (GPS) – Surface texture: Areal – Part 3: Specification operators (ISO 25178-3:2012)

17.120.10 Protok u zatvorenim cjevovodima

Međunarodna normizacija ISO

ISO 12242:2012
Measurement of fluid flow in closed conduits – Ultrasonic transit-time meters for liquid

17.140.20 Buka koju proizvode strojevi i oprema

Međunarodna normizacija IEC

IEC/PAS 60704-2-15:2008/Corr.1:2012
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-15: Particular requirements for household food waste disposers

17.140.50 Elektroakustika

Međunarodna normizacija IEC

IEC 62585:2012
Electroacoustics – Methods to determine corrections to obtain the free-field response of a sound level meter

17.180.30 Optički mjerni instrumenti

Međunarodna normizacija ISO

ISO 17123-6:2012
Optics and optical instruments – Field procedures for testing geodetic and surveying instruments – Part 6: Rotating lasers

17.220.01 Elektricitet. Magnetizam. Opći aspekti

Međunarodna normizacija IEC

IEC/TR 60725:2012
Consideration of reference impedances and public supply network impedances for use in determining the disturbance characteristics of electrical equipment having a rated current ≤ 75 A per phase

17.220.20 Mjerenje električnih i magnetskih veličina

Međunarodna normizacija IEC

IEC/TR 61340-1:2012
Electrostatics – Part 1: Electrostatic phenomena – Principles and measurements

17.240 Mjerenja zračenja

Međunarodna normizacija ISO

ISO 11665-1:2012
Measurement of radioactivity in the environment – Air: radon-222 – Part 1: Origins of radon and its short-lived decay products and associated measurement methods

ISO 11665-2:2012
Measurement of radioactivity in the environment – Air: radon-222 – Part 2: Integrated measurement method for determining average potential alpha energy concentration of its short-lived decay products

ISO 11665-3:2012
Measurement of radioactivity in the environment – Air: radon-222 – Part 3: Spot measurement method of the potential alpha energy concentration of its short-lived decay products

ISO 11665-4:2012
Measurement of radioactivity in the environment – Air: radon-222 – Part 4: Integrated measurement method for determining average activity concentration using passive sampling and delayed analysis

ISO 11665-5:2012
Measurement of radioactivity in the environment – Air: radon-222 – Part 5: Continuous measurement method of the activity concentration

ISO 11665-6:2012
Measurement of radioactivity in the environment – Air: radon-222 – Part 6: Spot measurement method of the activity concentration

ISO 11665-7:2012
Measurement of radioactivity in the environment – Air: radon-222 – Part 7: Accumulation method for estimating surface exhalation rate

ISO 13160:2012
Water quality – Strontium 90 and strontium 89 –
Test methods using liquid scintillation counting or
proportional counting

19.080 Električna i elektronička ispitivanja

Međunarodna normizacija IEC

IEC 61671:2012
Automatic Test Markup Language (ATML) for
Exchanging Automatic Test Equipment and Test
Information via XML

19.100 Nerazorna ispitivanja

Međunarodna normizacija ISO

ISO 9712:2012
Non-destructive testing – Qualification and certification
of NDT personnel

Europska normizacija CEN

EN ISO 9712:2012
Non-destructive testing – Qualification and certification
of NDT personnel (ISO 9712:2012)

19.120 Analiza veličine čestica. Prosijavanje

Međunarodna normizacija ISO

ISO 13099-1:2012
Colloidal systems – Methods for zeta-potential
determination – Part 1: Electroacoustic and
electrokinetic phenomena

ISO 13099-2:2012
Colloidal systems – Methods for zeta-potential
determination – Part 2: Optical methods

21.060.10 Vijci i svorni vijci

Međunarodna normizacija ISO

ISO 898-5:2012
Mechanical properties of fasteners made of carbon
steel and alloy steel – Part 5: Set screws and similar
threaded fasteners with specified hardness classes –
Coarse thread and fine pitch thread

ISO 4162:2012
Hexagon bolts with flange – Small series – Product
grade A with driving feature of product grade B

ISO 10642:2004/Amd 1:2012
Hexagon socket countersunk head screws

ISO 15072:2012
Hexagon bolts with flange with metric fine pitch thread
– Small series – Product grade A

Europska normizacija CEN

EN ISO 898-5:2012
Mechanical properties of fasteners made of carbon
steel and alloy steel – Part 5: Set screws and similar
threaded fasteners with specified hardness classes –
Coarse thread and fine pitch thread (ISO 898-5:2012)

21.060.20 Matice

Međunarodna normizacija ISO

ISO 7720:2012
Prevailing torque type all-metal hexagon nuts, style
2 – Property class 9

21.100.10 Klizni ležajevi

Međunarodna normizacija ISO

ISO 13939:2012
Foil bearings – Guidelines for testing of the performance
of foil journal bearings – Testing of load capacity, friction
coefficient and lifetime

21.100.20 Valjni ležajevi

Međunarodna normizacija ISO

ISO 15241:2012
Rolling bearings – Symbols for physical quantities

ISO 20515:2012
Rolling bearings – Radial bearings, retaining slots –
Dimensions and tolerances

21.120.40 Uravnoteženje i strojevi za uravnoteženje

Međunarodna normizacija ISO

ISO 21940-14:2012
Mechanical vibration – Rotor balancing – Part 14:
Procedures for assessing balance errors

ISO 21940-21:2012
Mechanical vibration – Rotor balancing – Part 21:
Description and evaluation of balancing machines

23.020.30 Tlačne posude, cilindrični plinski spremnici

Međunarodna normizacija ISO

ISO 11119-2:2012
Gas cylinders – Refillable composite gas cylinders and
tubes – Design, construction and testing – Part 2: Fully
wrapped fibre reinforced composite gas cylinders and
tubes up to 450 l with load-sharing metal liners

23.020.40 Kriogeničke posude

Međunarodna normizacija

ISO

ISO 21013-4:2012

Cryogenic vessels – Pilot operated pressure relief devices – Part 4: Pressure-relief accessories for cryogenic service

23.040.01 Cjevovodne sastavni dijelovi i cjevovodi općenito

Međunarodna normizacija

ISO

ISO 16486-1:2012

Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 1: General

ISO 16486-2:2012

Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 2: Pipes

ISO 16486-3:2012

Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 3: Fittings

ISO 16486-5:2012

Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 5: Fitness for purpose of the system

ISO 16486-6:2012

Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 6: Code of practice for design, handling and installation

Europska normizacija

CEN

EN 13480-1:2012

Metallic industrial piping – Part 1: General

EN 13480-2:2012

Metallic industrial piping – Part 2: Materials

EN 13480-3:2012

Metallic industrial piping – Part 3: Design and calculation

EN 13480-4:2012

Metallic industrial piping – Part 4: Fabrication and installation

EN 13480-5:2012

Metallic industrial piping – Part 5: Inspection and testing

EN 13480-6:2012

Metallic industrial piping – Part 6: Additional requirements for buried piping

EN 13480-8:2012

Metallic industrial piping – Part 8: Additional requirements for aluminium and aluminium alloy piping

23.040.10 Cijevi od lijevanog željeza i čelika

Međunarodna normizacija

ISO

ISO 13470:2012

Trenchless applications of ductile iron pipes systems – Product design and installation

23.040.15 Cijevi od obojenih metala

Međunarodna normizacija

ISO

ISO 6362-1:2012

Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 1: Technical conditions for inspection and delivery

ISO 6362-2:2012

Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 2: Mechanical properties

ISO 6363-1:2012

Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 1: Technical conditions for inspection and delivery

ISO 6363-2:2012

Wrought aluminium and aluminium alloys – Cold-drawn rods/bars and tubes and wires – Part 2: Mechanical properties

ISO 6363-6:2012

Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 6: Drawn round tubes – Tolerances on form and dimensions

23.040.20 Plastične cijevi

Međunarodna normizacija

ISO

ISO 12230:2012

Polybutene-1 (PB-1) pipes – Effect of time and temperature on the expected strength

ISO 16486-2:2012

Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 2: Pipes

23.040.45 Plastične spojnice

Međunarodna normizacija

ISO

ISO 16486-3:2012

Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 3: Fittings

23.100.20 Cilindri

Međunarodna normizacija

ISO

ISO 10100:2001/Amd 1:2012

Hydraulic fluid power – Cylinders – Acceptance tests

23.100.60 Filtri, brtve i onečišćenje fluida

Međunarodna normizacija

ISO

ISO 3601-1:2012/Cor 1:2012

Fluid power systems – O-rings – Part 1: Inside diameters, cross-sections, tolerances and designation codes

23.140 Kompresori i pneumatski strojevi

Europska normizacija CENELEC

EN 60335-2-34
Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors

23.160 Vakuumska tehnologija

Međunarodna normizacija ISO

ISO 14291:2012
Vacuum gauges – Definitions and specifications for quadrupole mass spectrometers

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija ISO

ISO/PAS 17506:2012
Industrial automation systems and integration – COLLADA digital asset schema specification for 3D visualization of industrial data

25.060.20 Diobene i stezne naprave za alat i obradak

Međunarodna normizacija ISO

ISO 10649-5:2012
Cutter arbors with parallel key and tenon drive – Part 5: Dimensions and designation of tool holders with polygonal taper interface with flange contact surface

ISO 10649-6:2012
Cutter arbors with parallel key and tenon drive – Part 6: Dimensions and designation of tool holders with modular taper interface with ball track system

25.080.01 Alatni strojevi općenito

Međunarodna normizacija ISO

ISO 26303:2012
Machine tools – Short-term capability evaluation of machining processes on metal-cutting machine tools

25.100.20 Alati za glodanje

Međunarodna normizacija ISO

ISO 15917:2012
Solid ball-nosed end mills with cylindrical shanks, made of carbide and ceramic materials

25.100.30 Svrkla, upuštači, razvrtači

Međunarodna normizacija ISO

ISO 9766:2012
Drills with indexable inserts – Cylindrical shanks with a parallel flat

25.140.01 Ručni alati općenito

Međunarodna normizacija ISO

ISO 20643:2005/Amd 1:2012
Mechanical vibration – Hand-held and hand-guided machinery – Principles for evaluation of vibration emission – Amendment 1: Accelerometer positions

Europska normizacija CEN

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)

25.140.20 Električni alati

Međunarodna normizacija IEC

IEC 60745-2-3:2006+am1:2010/am2:2012
Amendment 2 – Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders

IEC 60745-2-3 Edition 2.2:2012
Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders

25.140.99 Ostali ručni alati

Međunarodna normizacija ISO

ISO 19432:2012
Building construction machinery and equipment – Portable, hand-held, internal combustion engine driven cut-off machines – Safety requirements

25.160.01 Zavarivanje, meko i tvrdo lemljenje općenito

Međunarodna normizacija ISO

ISO 9606-1:2012
Qualification testing of welders – Fusion welding – Part 1: Steels

25.160.10 Procesi zavarivanja

Međunarodna normizacija ISO

ISO 15614-13:2012
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Upset (resistance butt) and flash welding

**Europska normizacija
CEN**

EN ISO 15614-13:2012
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Upset (resistance butt) and flash welding (ISO 15614-13:2012)

25.160.30 Oprema za zavarivanje

**Međunarodna normizacija
ISO**

ISO 5172:2006/Amd 1:2012
Gas welding equipment – Blowpipes for gas welding, heating and cutting – Specifications and tests; Amendment 1

IEC

IEC 60974-1:2012
Arc welding equipment – Part 1: Welding power sources

**Europska normizacija
CEN**

EN ISO 5172:2006/A1:2012
Gas welding equipment – Blowpipes for gas welding, heating and cutting – Specifications and tests – Amendment 1 (ISO 5172:2006/Amd 1:2012)

25.160.40 Zavareni spojevi i zavari

**Međunarodna normizacija
ISO**

ISO/TR 14345:2012
Fatigue – Fatigue testing of welded components – Guidance

25.160.50 Tvrdo i meko lemljenje

**Međunarodna normizacija
ISO**

ISO 13585:2012
Brazing – Qualification test of brazers and brazing operators

**Europska normizacija
CEN**

EN ISO 13585:2012
Brazing – Qualification test of brazers and brazing operators (ISO 13585:2012)

25.180.01 Industrijske peći općenito

**Međunarodna normizacija
ISO**

ISO 13577-1:2012
Industrial furnaces and associated processing equipment – Safety – Part 1: General requirements

27.010 Tehnika prijenosa energije i topline općenito

**Europska normizacija
CEN**

EN 16247-1:2012
Energy audits – Part 1: General requirements

27.060.30 Kotlovi i izmjenjivači topline

**Europska normizacija
CEN**

EN 15502-1:2012
Gas-fired heating boilers – Part 1: General requirements and tests

27.070 Gorivi članci

**Međunarodna normizacija
IEC**

IEC 62282-3-300:2012
Fuel cell technologies – Part 3-300: Stationary fuel cell power systems – Installation
IEC 62282-6-200:2012
Fuel cell technologies – Part 6-200: Micro fuel cell power systems – Performance test methods

27.160 Solarna energetika

**Europska normizacija
CENELEC**

EN 50521:2008/A1:2012
Connectors for photovoltaic systems – Safety requirements and tests

29.020 Elektrotehnika općenito

**Međunarodna normizacija
IEC**

IECEE 01:2012
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE) – Basic Rules
IEC/TR 61340-1:2012
Electrostatics – Part 1: Electrostatic phenomena – Principles and measurements
IEC 62648:2012
Graphical symbols for use on equipment – Guidelines for the inclusion of graphical symbols in IEC publications

29.035.01 Izolacijski materijali općenito

**Međunarodna normizacija
IEC**

IEC 60544-2:2012
Electrical insulating materials – Determination of the effects of ionizing radiation on insulating materials – Part 2: Procedures for irradiation and test

29.035.20 Plastični i gumeni izolacijski materijali

Međunarodna normizacija IEC

- IEC 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

Europska normizacija CENELEC

- EN 60893-3-3:2004/A1:2012
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-3: Specifications for individual materials – Requirements for rigid laminated sheets based on melamine resins (IEC 60893-3-3:2003/am1:2011)

29.035.99 Ostali izolacijski materijali

Međunarodna normizacija IEC

- IEC 60626-3:2008/am1:2012
Amendment 1 – Combined flexible materials for electrical insulation – Part 3: Specifications for individual materials
- IEC 60626-3 Edition 3.1:2012
Combined flexible materials for electrical insulation – Part 3: Specifications for individual materials

29.050 Supravodljivost i vodljivi materijali

Međunarodna normizacija IEC

- IEC 61788-13:2012
Superconductivity – Part 13: AC loss measurements – Magnetometer methods for hysteresis loss in superconducting multifilamentary composites

29.060.10 Žice

Međunarodna normizacija IEC

- IEC 60317-0-8:2012
Specifications for particular types of winding wires – Part 0-8: General requirements – Polyester glass fibre wound, resin or varnish impregnated or not impregnated, bare or enamelled rectangular copper wire
- IEC 60317-2:2012
Specifications for particular types of winding wires – Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer
- IEC 60317-48:2012
Specifications for particular types of winding wires – Part 48: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155
- IEC 60317-49:2012
Specifications for particular types of winding wires – Part 49: Glass-fibre wound high temperature resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180

- IEC 60317-50:2012
Specifications for particular types of winding wires – Part 50: Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200

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

- IEC 60317-61:2012
Specifications for particular types of winding wires – Part 61: Polyester glass fibre wound, minimum class 180, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180

- IEC 60317-62:2012
Specifications for particular types of winding wires – Part 62: Polyester glass fibre wound, minimum class 200 resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200

Europska normizacija CENELEC

- EN 60317-56:2012
Specifications for particular types of winding wires – Part 56: Solderable fully insulated (FIW) zero-defect polyurethane enamelled round copper wire with nominal conductor diameter of 0,040 mm to 1,600 mm, class 180 (IEC 60317-56:2012)

29.060.20 Kabeli

Međunarodna normizacija IEC

- IEC 60287-3-2:2012
Electric cables – Calculation of the current rating – Part 3-2: Sections on operating conditions – Economic optimization of power cable size

29.080.30 Izolacijski sustavi

Međunarodna normizacija IEC

- IEC 60034-18-31:2012
Rotating electrical machines – Part 18-31: Functional evaluation of insulation systems – Test procedures for form-wound windings – Thermal evaluation and classification of insulation systems used in rotating machines
- IEC 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

29.100.20 Električki i elektromehanički sastavni dijelovi

Međunarodna normizacija IEC

- IEC 61360-4-DB:2005
Standard data element types with associated classification scheme for electric components – Part 4: IEC reference collection of standard data element types and component classes

29.120.30 Utikači, utičnice, sprežnici

Međunarodna normizacija

IEC

- IEC 60309-1:1999/am2:2012
Amendment 2 – Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements
- IEC 60309-1 Edition 4.2:2012
Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements

Europska normizacija

CENELEC

- EN 50521:2008/A1:2012
Connectors for photovoltaic systems – Safety requirements and tests

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Međunarodna normizacija

IEC

- IEC 61643-21/am2:2012
Amendment 2 – Low voltage surge protective devices – Part 21: Surge protective devices connected to telecommunications and signalling networks – Performance requirements and testing methods
- IEC 61643-21 Edition 1.2:2012
Low voltage surge protective devices – Part 21: Surge protective devices connected to telecommunications and signalling networks – Performance requirements and testing methods

Europska normizacija

CENELEC

- EN 60898-1:2003/A13:2012
Electrical accessories – Circuit breakers for overcurrent protection for household and similar installations – Part 1: Circuit-breakers for a.c. operation
- EN 60269-4:2009/A1:2012
Low-voltage fuses – Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices (IEC 60269-4/am1:2012)

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Međunarodna normizacija

IEC

- IEC 60947-4-1:2009/am1:2012
Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters; Amendment 1
- IEC 60947-4-1 Edition 3.1:2012
Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters
- IEC 60947-4-2:2011/Corr.1:2012
Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – AC semiconductor motor controllers and starters
- IEC 61915-2:2011/Corr.1:2012
Low-voltage switchgear and controlgear – Device profiles for networked industrial devices – Part 2: Root device profiles for starters and similar equipment

29.140.01 Svjetiljke općenito

Međunarodna normizacija

IEC

- IEC/TR 62778:2012
Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires

29.140.20 Svjetiljke sa žarnom niti

Međunarodna normizacija

IEC

- IEC 60432-3:2012
Incandescent lamps – Safety specifications – Part 3: Tungsten halogen lamps (non-vehicle)
- IEC 61549/am3:2012
Miscellaneous lamps; Amendment 3

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Međunarodna normizacija

IEC

- IEC 61549/am3:2012
Miscellaneous lamps; Amendment 3
- IEC 62035/am2:2012
Discharge lamps (excluding fluorescent lamps) – Safety specifications; Amendment 2
- IEC 62035 Edition 1.2:2012
Discharge lamps (excluding fluorescent lamps) – Safety specifications

29.160.01 Rotacijski strojevi općenito

Međunarodna normizacija

IEC

- IEC 60034-18-31:2012
Rotating electrical machines – Part 18-31: Functional evaluation of insulation systems – Test procedures for form-wound windings – Thermal evaluation and classification of insulation systems used in rotating machines
- IEC 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

29.180 Transformatori. Prigušnice

Međunarodna normizacija

IEC

- IEC 60076-18:2012
Power transformers – Part 18: Measurement of frequency response
- IEC 62032:2012
Guide for the Application, Specification and Testing of Phase-Shifting Transformers

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Međunarodna normizacija IEC

IEC 62477-1:2012
Safety requirements for power electronic converter systems and equipment – Part 1: General

29.220.20 Kiseli sekundarni članci i baterije

Europska normizacija CENELEC

EN 61982:2012
Secondary batteries (except lithium) for the propulsion of electric road vehicles – Performance and endurance tests (IEC 61982:2012)

29.260.20 Električni uređaji za eksplozivnu atmosfera

Međunarodna normizacija IEC

IECEX 01:2012
IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEX System) – Basic Rules

IECEX 02:2012
IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEX System) IECEx Certified Equipment Scheme covering equipment for use in explosive atmospheres – Rules of Procedure

IEC 60079-20-1:2010/Corr.1:2012
Explosive atmospheres – Part 20-1: Material characteristics for gas and vapour classification – Test methods and data

31.020 Elektronički sastavni dijelovi općenito

Međunarodna normizacija IEC

IEC 60294:2012
Measurement of the dimensions of a cylindrical component with axial terminations

IEC 62529:2012
Standard for Signal and Test Definition

31.040.01 Otpornici općenito

Međunarodna normizacija IEC

IEC 60440:2012
Method of measurement of non-linearity in resistors

31.060.01 Kondenzatori općenito

Međunarodna normizacija IEC

IEC 60301:2012
Preferred diameters of wire terminations of capacitors and resistors

31.060.99 Ostali kondenzatori

Međunarodna normizacija IEC

IEC 60358-1:2012
Coupling capacitors and capacitor dividers – Part 1: General rules

31.080.99 Ostale poluvodičke naprave

Međunarodna normizacija IEC

IEC 62477-1:2012
Safety requirements for power electronic converter systems and equipment – Part 1: General

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija IEC

IEC 61747-30-1:2012
Liquid crystal display devices – Part 30-1: Measuring methods for liquid crystal display modules – Transmissive type

31.140 Piezoelektrične naprave

Međunarodna normizacija IEC

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

31.160 Električni filtri

Međunarodna normizacija IEC

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

31.180 Tiskani krugovi i pločice

Europska normizacija CENELEC

EN 61182-2-2:2012
Printed board assembly products – Manufacturing description data and transfer methodology – Part 2-2: Sectional requirements for implementation of printed board fabrication data description (IEC 61182-2-2:2012)

31.200 Integrirani krugovi. Mikroelektronika

Međunarodna normizacija IEC

IEC 61523-1:2012
Delay and power calculation standards – Part 1: Integrated circuit delay and power calculation systems

IEC 62132-8:2012

Integrated circuits – Measurement of electromagnetic immunity – Part 8: Measurement of radiated immunity – IC stripline method

31.220.10 Utičakne i utičničke naprave. Konektori

Europska normizacija CENELEC

EN 60512-16-21:2012

Connectors for electronic equipment – Tests and measurements – Part 16-21: Mechanical tests on contacts and terminations – Test 16u: Whisker test via the application of external mechanical stresses (IEC 60512-16-21:2012)

EN 61076-4-116:2012

Connectors for electronic equipment – Product requirements – Part 4-116: Printed board connectors – Detail specification for a high-speed two-part connector with integrated shielding function (IEC 61076-4-116:2012)

31.240 Mehaničke konstrukcije za elektroničku opremu

Međunarodna normizacija IEC

IEC 60917-2-5:2012

Modular order for the development of mechanical structures for electronic equipment practices – Part 2-5: Sectional specification – Interface co-ordination dimensions for the 25 mm equipment practice – Cabinet interface dimensions for miscellaneous equipment

IEC 61240:2012

Piezoelectric devices – Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection – General rules

33.020 Telekomunikacije općenito

Europska normizacija ETSI

ETSI SR 002 959 V1.2.1:2012

Electronic Working Tools – Roadmap including recommendations for the deployment and usage of electronic working tools in the ETSI standardization process

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija ETSI

ETSI SR 001 604 V1.1.1:2012

Rationalised Framework for Electronic Signature Standardisation

33.040.30 Komutacijski i signalizacijski sustavi

Međunarodna normizacija IEC

IEC 61643-21/am2:2012

Low voltage surge protective devices – Part 21: Surge protective devices connected to telecommunications and signalling networks – Performance requirements and testing methods; Amendment 2

IEC 61643-21 Edition 1.2:2012

Low voltage surge protective devices – Part 21: Surge protective devices connected to telecommunications and signalling networks – Performance requirements and testing methods

33.040.35 Telefonske mreže

Europska normizacija ETSI

ETSI TS 101 671 V3.10.1:2012

Lawful Interception (LI) – Handover interface for the lawful interception of telecommunications traffic

ETSI TS 102 232-1 V3.1.1:2012

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 1: Handover specification for IP delivery

ETSI TS 102 232-2 V3.2.1:2012

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 2: Service-specific details for messaging services

ETSI TS 102 232-3 V3.2.1:2012

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 3: Service-specific details for internet access services

ETSI TS 102 232-5 V3.2.1:2012

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 5: Service-specific details for IP Multimedia Services

ETSI TS 102 232-6 V3.1.1:2012

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 6: Service-specific details for PSTN/ISDN services

ETSI TS 102 232-7 V3.1.1:2012

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 7: Service-specific details for Mobile Services

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija ETSI

ETSI TS 101 606-1 V1.1.1:2012

IMS Network Testing (INT) – Diameter Conformance testing for Gx interface – Part 1: Protocol Implementation Conformance Statement (PICS)

ETSI TR 102 477 V2.1.1:2012

Corporate Telecommunication Networks – Mobility for Enterprise Communications

ETSI TS 187 005 V3.1.1:2012

Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN) – NGN Lawful Interception – Stage 1 and Stage 2 definition

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

ETSI

ETSI EN 300 328 V1.8.1:2012

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Wideband transmission systems – Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

33.060.30 Radioreleji i nepomični satelitski komunikacijski sustavi

Europska normizacija

ETSI

ETSI 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

33.060.40 Kabelski distribucijski sustavi

Međunarodna normizacija

IEC

IEC 60728-3-1:2012

Cable networks for television signals, sound signals and interactive services – Part 3-1: Active wideband equipment for cable networks – Methods of measurement of non-linearity for full digital channel load with DVB-C signals

33.070.10 Terestrijalni trunking radio (TETRA)

Europska normizacija

ETSI

ETSI EN 300 392-7 V3.3.1:2012

Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 7: Security

ETSI TS 100 392-18-4 V1.1.1:2012

Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) and Direct Mode Operation (DMO) – Part 18: Air interface optimized applications – Sub-part 4: Net Assist Protocol 2 (NAP2)

33.070.30 Digitalne poboljšane bežične telekomunikacije (DECT)

Europska normizacija

ETSI

ETSI EN 300 176-2 V2.2.1:2012

Digital Enhanced Cordless Telecommunications (DECT) – Test specification – Part 2: Audio and speech

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija

ETSI

ETSI TS 122 011 V8.11.0:2012

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service accessibility (3GPP TS 22.011 version 8.11.0 Release 8)

ETSI TS 122 101 V9.10.0:2012

Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 9.10.0 Release 9)

ETSI TS 122 101 V10.8.0:2012

Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 10.8.0 Release 10)

ETSI TS 122 173 V10.5.0:2012

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services – Stage 1 (3GPP TS 22.173 version 10.5.0 Release 10)

ETSI TS 122 220 V9.9.0:2012

Universal Mobile Telecommunications System (UMTS) – Service requirements for Home Node B (HNB) and Home eNode B (HeNB) (3GPP TS 22.220 version 9.9.0 Release 9)

ETSI TS 122 220 V10.9.0:2012

Universal Mobile Telecommunications System (UMTS) – Service requirements for Home Node B (HNB) and Home eNode B (HeNB) (3GPP TS 22.220 version 10.9.0 Release 10)

ETSI TS 123 009 V9.3.0:2012

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Handover procedures (3GPP TS 23.009 version 9.3.0 Release 9)

ETSI TS 123 009 V10.1.0:2012

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Handover procedures (3GPP TS 23.009 version 10.1.0 Release 10)

ETSI TS 123 041 V8.9.0:2012

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 8.9.0 Release 8)

ETSI TS 123 041 V9.9.0:2012

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 9.9.0 Release 9)

ETSI TS 123 041 V10.4.0:2012

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 10.4.0 Release 10)

ETSI TS 123 060 V10.8.1:2012

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 10.8.1 Release 10)

ETSI TS 123 153 V9.3.0:2012

Digital cellular telecommunications system (Phase

- 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Out of band transcoder control – Stage 2 (3GPP TS 23.153 version 9.3.0 Release 9)
- ETSI TS 123 153 V10.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Out of band transcoder control – Stage 2 (3GPP TS 23.153 version 10.1.0 Release 10)
- ETSI TS 123 167 V9.9.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 9.9.0 Release 9)
- ETSI TS 123 167 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 10.6.0 Release 10)
- ETSI TS 123 203 V7.14.1:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 7.14.1 Release 7)
- ETSI TS 123 203 V8.14.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 8.14.0 Release 8)
- ETSI TS 123 203 V9.12.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 9.12.0 Release 9)
- ETSI TS 123 203 V10.7.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 10.7.0 Release 10)
- ETSI TS 123 216 V10.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 10.4.0 Release 10)
- ETSI TS 123 251 V10.4.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 10.4.0 Release 10)
- ETSI TS 123 272 V8.12.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 8.12.0 Release 8)
- ETSI TS 123 272 V9.12.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 9.12.0 Release 9)
- ETSI TS 123 272 V10.8.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 10.8.0 Release 10)
- ETSI TS 123 333 V10.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 10.4.0 Release 10)
- ETSI TS 123 334 V10.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 10.4.0 Release 10)
- ETSI TS 123 401 V9.13.0:2012
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 9.13.0 Release 9)
- ETSI TS 123 401 V10.8.0:2012
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 10.8.0 Release 10)
- ETSI TS 124 008 V8.17.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Stage 3 (3GPP TS 24.008 version 8.17.0 Release 8)
- ETSI TS 124 008 V9.11.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Stage 3 (3GPP TS 24.008 version 9.11.0 Release 9)
- ETSI TS 124 008 V10.7.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Stage 3 (3GPP TS 24.008 version 10.7.0 Release 10)
- ETSI TS 124 183 V9.6.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 9.6.0 Release 9)
- ETSI TS 124 183 V10.3.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 10.3.0 Release 10)
- ETSI TS 124 229 V7.28.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 7.28.0 Release 7)
- ETSI TS 124 229 V8.20.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 8.20.0 Release 8)
- ETSI TS 124 229 V9.12.1:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 9.12.1 Release 9)
- ETSI TS 124 229 V10.8.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 10.8.0 Release 10)

- ETSI TS 124 237 V8.11.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service
continuity – Stage 3 (3GPP TS 24.237 version 8.11.0
Release 8)
- ETSI TS 124 237 V9.11.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service
continuity – Stage 3 (3GPP TS 24.237 version 9.12.0
Release 9)
- ETSI TS 124 237 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service
continuity – Stage 3 (3GPP TS 24.237 version 10.7.0
Release 10)
- ETSI TS 124 292 V8.13.0:2012
Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Core Network
(CN) subsystem Centralized Services (ICS) – Stage 3
(3GPP TS 24.292 version 8.13.0 Release 8)
- ETSI TS 124 292 V9.11.0:2012
Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Core Network
(CN) subsystem Centralized Services (ICS) – Stage 3
(3GPP TS 24.292 version 9.11.0 Release 9)
- ETSI TS 124 292 V10.7.0:2012
Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Core Network
(CN) subsystem Centralized Services (ICS) – Stage 3
(3GPP TS 24.292 version 10.7.0 Release 10)
- ETSI TS 124 301 V9.10.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Non-Access-Stratum (NAS) protocol for
Evolved Packet System (EPS) – Stage 3
(3GPP TS 24.301 version 9.10.0 Release 9)
- ETSI TS 124 301 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Non-Access-Stratum (NAS) protocol for
Evolved Packet System (EPS) – Stage 3
(3GPP TS 24.301 version 10.7.0 Release 10)
- ETSI TS 124 303 V8.9.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobility management based on Dual-Stack
Mobile IPv6 – Stage 3 (3GPP TS 24.303 version 8.9.0
Release 8)
- ETSI TS 124 303 V9.5.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobility management based on Dual-Stack
Mobile IPv6 – Stage 3 (3GPP TS 24.303 version 9.5.0
Release 9)
- ETSI TS 124 303 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) –
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobility management based on Dual-Stack
Mobile IPv6 – Stage 3 (3GPP TS 24.303 version 10.6.0
Release 10)
- ETSI TS 124 312 V8.6.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Access Network Discovery and Selection
Function (ANDSF) Management Object (MO)
(3GPP TS 24.312 version 8.6.0 Release 8)
- ETSI TS 124 312 V9.3.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Access Network Discovery and Selection
Function (ANDSF) Management Object (MO)
(3GPP TS 24.312 version 9.3.0 Release 9)
- ETSI TS 124 312 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Access Network Discovery and Selection
Function (ANDSF) Management Object (MO)
(3GPP TS 24.312 version 10.6.0 Release 10)
- ETSI TS 124 406 V8.1.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – TISPAN – PSTN/ISDN simulation
services – Message Waiting Indication (MWI): Protocol
specification (3GPP TS 24.406 version 8.1.0 Release
8)
- ETSI TS 124 454 V8.3.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – TISPAN – PSTN/ISDN simulation
services – Protocol specification Closed User Group
(CUG) (3GPP TS 24.454 version 8.3.0 Release 8)
- ETSI TS 124 503 V8.12.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – TISPAN – IP Multimedia Call Control
Protocol based on Session Initiation Protocol (SIP) and
Session Description Protocol (SDP) Stage 3 [3GPP
TS 24.229 (Release 7), modified] (3GPP TS 24.503
version 8.12.0 Release 8)
- ETSI TS 124 504 V8.15.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – TISPAN – PSTN/ISDN simulation
services: Communication Diversion (CDIV) – Protocol
specification (3GPP TS 24.504 version 8.15.0
Release 8)
- ETSI TS 124 604 V8.13.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Communication Diversion (CDIV)
using IP Multimedia (IM) Core Network (CN) subsystem
– Protocol specification (3GPP TS 24.604 version
8.13.0 Release 8)
- ETSI TS 124 604 V9.10.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Communication Diversion (CDIV)
using IP Multimedia (IM) Core Network (CN) subsystem
– Protocol specification (3GPP TS 24.604 version
9.10.0 Release 9)
- ETSI TS 124 604 V10.5.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Communication Diversion (CDIV)
using IP Multimedia (IM) Core Network (CN) subsystem
– Protocol specification (3GPP TS 24.604 version
10.5.0 Release 10)
- ETSI TS 124 606 V8.4.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Message Waiting Indication
(MWI) using IP Multimedia (IM) Core Network (CN)
subsystem – Protocol specification (3GPP TS 24.606
version 8.4.0 Release 8)
- ETSI TS 124 606 V9.3.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Message Waiting Indication
(MWI) using IP Multimedia (IM) Core Network (CN)
subsystem – Protocol specification (3GPP TS 24.606
version 9.3.0 Release 9)

- ETSI TS 124 606 V10.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Message Waiting Indication (MWI) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.606 version 10.2.0 Release 10)
- ETSI TS 124 615 V8.7.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.615 version 8.7.0 Release 8)
- ETSI TS 124 615 V9.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.615 version 9.6.0 Release 9)
- ETSI TS 124 615 V10.3.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.615 version 10.3.0 Release 10)
- ETSI TS 124 642 V8.10.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.642 version 8.10.0 Release 8)
- ETSI TS 124 642 V9.9.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.642 version 9.9.0 Release 9)
- ETSI TS 124 642 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.642 version 10.6.0 Release 10)
- ETSI TS 124 654 V8.5.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification (3GPP TS 24.654 version 8.5.0 Release 8)
- ETSI TS 124 654 V9.3.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification (3GPP TS 24.654 version 9.3.0 Release 9)
- ETSI TS 124 654 V10.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification (3GPP TS 24.654 version 10.2.0 Release 10)
- ETSI TS 125 101 V8.16.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 8.16.0 Release 8)
- ETSI TS 125 101 V9.9.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 9.9.0 Release 9)
- ETSI TS 125 101 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 10.6.0 Release 10)
- ETSI TS 125 102 V8.12.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 8.12.0 Release 8)
- ETSI TS 125 102 V9.6.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 9.6.0 Release 9)
- ETSI TS 125 102 V10.4.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 10.4.0 Release 10)
- ETSI TS 125 104 V8.14.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 8.14.0 Release 8)
- ETSI TS 125 104 V9.8.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 9.8.0 Release 9)
- ETSI TS 125 104 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 10.6.0 Release 10)
- ETSI TS 125 106 V8.6.0:2012
Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (3GPP TS 25.106 version 8.6.0 Release 8)
- ETSI TS 125 106 V10.2.0:2012
Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (3GPP TS 25.106 version 10.2.0 Release 10)
- ETSI TS 125 123 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (TDD) (3GPP TS 25.123 version 10.6.0 Release 10)
- ETSI TS 125 133 V8.16.0:2012
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 8.17.0 Release 8)
- ETSI TS 125 133 V9.12.0:2012
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 9.12.0 Release 9)

- ETSI TS 125 133 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 10.6.0 Release 10)
- ETSI TS 125 141 V8.15.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 8.15.0 Release 8)
- ETSI TS 125 141 V9.9.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 9.9.0 Release 9)
- ETSI TS 125 141 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 10.6.0 Release 10)
- ETSI TS 125 143 V8.7.0:2012
Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (3GPP TS 25.143 version 8.7.0 Release 8)
- ETSI TS 125 143 V9.3.0:2012
Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (3GPP TS 25.143 version 9.3.0 Release 9)
- ETSI TS 125 143 V10.2.0:2012
Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (3GPP TS 25.143 version 10.2.0 Release 10)
- ETSI TS 125 144 V10.2.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) and Mobile Station (MS) over the air performance requirements (3GPP TS 25.144 version 10.2.0 Release 10)
- ETSI TS 125 304 V10.5.0:2012
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode (3GPP TS 25.304 version 10.5.0 Release 10)
- ETSI TS 125 306 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities (3GPP TS 25.306 version 10.8.0 Release 10)
- ETSI TS 125 321 V8.15.0:2012
Universal Mobile Telecommunications System (UMTS) – Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 8.15.0 Release 8)
- ETSI TS 125 321 V9.8.0:2012
Universal Mobile Telecommunications System (UMTS) – Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 9.8.0 Release 9)
- ETSI TS 125 321 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 10.6.0 Release 10)
- ETSI TS 125 331 V8.19.0:2012
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 8.19.0 Release 8)
- ETSI TS 125 331 V9.11.0:2012
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 9.11.0 Release 9)
- ETSI TS 125 331 V10.8.0:2012
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 10.8.0 Release 10)
- ETSI TS 125 413 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling (3GPP TS 25.413 version 10.7.0 Release 10)
- ETSI TS 125 433 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Node B Application Part (NBAP) signalling (3GPP TS 25.433 version 10.6.0 Release 10)
- ETSI TS 125 467 V10.5.0:2012
Universal Mobile Telecommunications System (UMTS) – UTRAN architecture for 3G Home Node B (HNB) – Stage 2 (3GPP TS 25.467 version 10.6.0 Release 10)
- ETSI TS 125 484 V10.1.0:2012
Universal Mobile Telecommunications System (UMTS) – Automatic Neighbour Relation (ANR) for UTRAN – Stage 2 (3GPP TS 25.484 version 10.1.0 Release 10)
- ETSI TS 126 114 V7.17.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 7.17.0 Release 7)
- ETSI TS 126 114 V8.11.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 8.11.0 Release 8)
- ETSI TS 126 114 V9.9.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 9.9.0 Release 9)
- ETSI TS 126 114 V10.4.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 10.4.0 Release 10)
- ETSI TS 126 202 V10.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Interface to Iu, Uu and Nb (3GPP TS 26.202 version 10.1.0 Release 10)
- ETSI TS 126 234 V9.9.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Protocols and codecs (3GPP TS 26.234 version 9.9.0 Release 9)
- ETSI TS 126 247 V10.2.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 10.2.0 Release 10)
- ETSI TS 126 346 V9.7.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 9.7.0 Release 9)
- ETSI TS 126 346 V10.4.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 10.4.0 Release 10)
- ETSI TS 129 018 V8.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface layer 3 specification (3GPP TS 29.018 version 8.4.0 Release 8)

- ETSI TS 129 018 V9.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface layer 3 specification (3GPP TS 29.018 version 9.2.0 Release 9)
- ETSI TS 129 018 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface layer 3 specification (3GPP TS 29.018 version 10.6.0 Release 10)
- ETSI TS 129 060 V8.16.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 8.16.0 Release 8)
- ETSI TS 129 060 V9.11.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 9.11.0 Release 9)
- ETSI TS 129 060 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 10.6.0 Release 10)
- ETSI TS 129 061 V8.9.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 8.9.0 Release 8)
- ETSI TS 129 061 V9.9.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 9.9.0 Release 9)
- ETSI TS 129 061 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 10.6.0 Release 10)
- ETSI TS 129 079 V10.3.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 10.3.0 Release 10)
- ETSI TS 129 118 V8.10.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 8.11.0 Release 8)
- ETSI TS 129 118 V9.7.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 9.7.0 Release 9)
- ETSI TS 129 118 V10.9.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 10.8.0 Release 10)
- ETSI TS 129 162 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 10.6.0 Release 10)
- ETSI TS 129 163 V8.19.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 8.19.0 Release 8)
- ETSI TS 129 163 V9.10.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 9.10.0 Release 9)
- ETSI TS 129 163 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 10.6.0 Release 10)
- ETSI TS 129 165 V8.11.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 8.11.0 Release 8)
- ETSI TS 129 165 V9.11.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 9.11.0 Release 9)
- ETSI TS 129 165 V10.8.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 10.8.0 Release 10)
- ETSI TS 129 199-3 V8.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Open Service Access (OSA) – Parlay X web services – Part 3: Call notification (3GPP TS 29.199-03 version 8.4.0 Release 8)
- ETSI TS 129 199-3 V9.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Open Service Access (OSA) – Parlay X web services – Part 3: Call notification (3GPP TS 29.199-03 version 9.2.0 Release 9)
- ETSI TS 129 212 V7.14.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over Gx/Sd reference point (3GPP TS 29.212 version 7.14.0 Release 7)
- ETSI TS 129 212 V8.16.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over Gx/Sd reference point (3GPP TS 29.212 version 8.16.0 Release 8)

- ETSI TS 129 212 V9.11.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Policy and Charging Control (PCC) over Gx/
Sd reference point (3GPP TS 29.212 version 9.11.0
Release 9)
- ETSI TS 129 212 V10.7.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Policy and Charging Control (PCC) over Gx/
Sd reference point (3GPP TS 29.212 version 10.7.0
Release 10)
- ETSI TS 129 213 V8.14.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Policy and charging control signalling
flows and Quality of Service (QoS) parameter mapping
(3GPP TS 29.213 version 8.14.0 Release 8)
- ETSI TS 129 213 V9.9.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Policy and charging control signalling
flows and Quality of Service (QoS) parameter mapping
(3GPP TS 29.213 version 9.9.0 Release 9)
- ETSI TS 129 213 V10.6.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Policy and charging control signalling
flows and Quality of Service (QoS) parameter mapping
(3GPP TS 29.213 version 10.6.0 Release 10)
- ETSI TS 129 215 V8.14.0:2012
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Policy and Charging Control (PCC)
over S9 reference point – Stage 3 (3GPP TS 29.215
version 8.14.0 Release 8)
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Policy and Charging Control (PCC)
over S9 reference point – Stage 3 (3GPP TS 29.215
version 9.11.0 Release 9)
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Policy and Charging Control (PCC)
over S9 reference point – Stage 3 (3GPP TS 29.215
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Diameter applications – 3GPP specific
codes and identifiers (3GPP TS 29.230 version 8.14.0
Release 8)
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Diameter applications – 3GPP specific
codes and identifiers (3GPP TS 29.230 version 9.11.1
Release 9)
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(UMTS) – LTE – Diameter applications – 3GPP specific
codes and identifiers (3GPP TS 29.230 version 10.7.0
Release 10)
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Media Gateway Controller (MGC) –
Media Gateway (MGW) interface – Stage 3
(3GPP TS 29.232 version 10.4.0 Release 9)
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Interworking between SIP-I based
circuit-switched core network and other networks
(3GPP TS 29.235 version 8.6.0 Release 8)
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Interworking between SIP-I based
circuit-switched core network and other networks
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2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Interworking between SIP-I based
circuit-switched core network and other networks
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Interconnection Border Control
Functions (IBCF) – Transition Gateway (TrGW)
interface, Ix interface – Stage 3 (3GPP TS 29.238
version 10.4.0 Release 10)
- ETSI TS 129 273 V10.6.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Evolved Packet System (EPS) – 3GPP EPS
AAA interfaces (3GPP TS 29.273 version 10.6.0
Release 10)
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Universal Mobile Telecommunications System
(UMTS) – LTE – 3GPP Evolved Packet System (EPS)
– Evolved General Packet Radio Service (GPRS)
Tunnelling Protocol for Control plane (GTPv2-C) –
Stage 3 (3GPP TS 29.274 version 10.7.0 Release 10)
- ETSI TS 129 277 V10.1.0:2012
Universal Mobile Telecommunications System (UMTS)
– LTE – Optimised handover procedures and protocol
between EUTRAN access and non-3GPP accesses
(S102) – Stage 3 (3GPP TS 29.277 version 10.1.0
Release 10)
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Universal Mobile Telecommunications System (UMTS)
– LTE – Evolved Packet System (EPS) – 3GPP Sv
interface (MME to MSC, and SGSN to MSC) for
SRVCC (3GPP TS 29.280 version 10.4.0 Release 10)
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Universal Mobile Telecommunications System (UMTS)
– LTE – Interworking between the IP Multimedia (IM)
Core Network (CN) subsystem (IMS) and MSC Server
for IMS Centralized Services (ICS) (3GPP TS 29.292
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Universal Mobile Telecommunications System (UMTS)
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Subsystem Sh
interface – Signalling flows and message contents
(3GPP TS 29.328 version 9.9.0 Release 9)

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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Media Gateway Control Function (MGCF) – IM Media Gateway – Mn interface (3GPP TS 29.332 version 10.4.1 Release 10)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface – Stage 3 (3GPP TS 29.333 version 10.4.0 Release 10)
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Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 10.5.0 Release 10)
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Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 10.5.0 Release 10)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Circuit Switched (CS) domain charging (3GPP TS 32.250 version 9.5.0 Release 9)
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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 9.9.0 Release 9)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 9.12.0 Release 9)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 10.9.0 Release 10)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 8.17.0 Release 8)
- ETSI TS 132 299 V9.11.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 9.11.0 Release 9)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 10.6.0 Release 10)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 10.5.0 Release 10)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 8.8.0 Release 8)
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- ETSI TS 132 425 V8.8.0:2012
LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 8.8.0 Release 8)
- ETSI TS 132 425 V9.9.0:2012
LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 9.9.0 Release 9)
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LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 10.7.0 Release 10)
- ETSI TS 132 426 V9.4.0:2012
LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 9.4.0 Release 9)
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LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 10.4.0 Release 10)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.442 version 10.5.0 Release 10)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.446 version 10.6.0 Release 10)
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LTE; Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 10.6.0 Release 10)
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Universal Mobile Telecommunications System (UMTS) – LTE – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 10.6.0 Release 10)
- ETSI TS 133 320 V10.5.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Security of Home Node B (HNB) / Home evolved Node B (HeNB) (3GPP TS 33.320 version 10.5.0 Release 10)
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Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) / Mobile Station (MS) Over The Air (OTA) antenna performance – Conformance testing (3GPP TS 34.114 version 10.3.0 Release 10)
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Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 34.121-2 version 10.3.0 Release 10)
- ETSI TS 134 123-1 V9.9.0:2012
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- ETSI TS 134 123-2 V10.1.0:2012
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- ETSI TS 134 229-1 V9.9.0:2012
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- ETSI TS 134 229-3 V9.4.0:2012
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- ETSI TR 134 902 V9.3.0:2012
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- ETSI TS 136 101 V9.12.0:2012
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.7.0 Release 10)
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 8.18.0 Release 8)
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- ETSI TS 136 141 V8.12.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 8.12.0 Release 8)
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- ETSI TS 136 211 V10.5.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 10.5.0 Release 10)
- ETSI TS 136 212 V10.6.0:2012
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 10.7.0 Release 10)
- ETSI TS 136 300 V10.8.0:2012
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- ETSI TS 136 304 V9.11.0:2012
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- ETSI TS 136 306 V10.6.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 10.7.0 Release 10)
- ETSI TS 136 307 V8.6.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 8.6.0 Release 8)
- ETSI TS 136 307 V9.6.0:2012
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- ETSI TS 136 307 V10.4.0:2012
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LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description (3GPP TS 36.401 version 10.4.0 Release 10)
- ETSI TS 136 410 V10.3.0:2012
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- ETSI TS 136 413 V10.6.0:2012
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- ETSI TS 136 440 V10.3.0:2012
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.440 version 10.3.0 Release 10)
- ETSI TS 136 455 V10.3.0:2012
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- ETSI TS 136 508 V9.9.0:2012
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 9.9.0 Release 9)
- ETSI TS 136 521-2 V10.2.0:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 10.2.0 Release 10)
- ETSI TS 136 521-3 V9.9.0 :2012
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- ETSI TS 136 523-1 V9.9.0:2012
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- ETSI TS 136 523-2 V9.9.0:2012
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 10.1.1 Release 10)
- ETSI TR 136 903 V9.4.1:2012
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 9.4.1 Release 9)
- ETSI TS 137 104 V9.7.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 9.7.0 Release 9)
- ETSI TS 137 104 V10.7.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 10.7.0 Release 10)

- ETSI TS 137 141 V9.8.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 9.8.0 Release 9)
- ETSI TS 137 141 V10.7.0:2012
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 10.7.0 Release 10)
- ETSI TS 137 571-1 V9.2.1:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 9.2.1 Release 9)
- ETSI TS 137 571-1 V10.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 10.0.0 Release 10)
- ETSI TS 137 571-2 V9.2.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 2: Protocol conformance (3GPP TS 37.571-2 version 9.2.0 Release 9)
- ETSI TS 137 571-2 V10.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 1: Protocol conformance (3GPP TS 37.571-2 version 10.0.0 Release 10)
- ETSI TS 137 571-3 V10.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 1: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 10.0.0 Release 10)
- ETSI TS 137 571-4 V9.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 9.0.0 Release 9)
- ETSI TS 137 571-4 V10.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 10.0.0 Release 10)
- ETSI TS 137 571-5 V9.3.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 9.3.0 Release 9)
- ETSI TS 137 571-5 V10.0.0:2012
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 5: Test scenarios and assistance data (3GPP TS 37.571-4 version 10.0.0 Release 10)
- ETSI TS 144 018 V8.16.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile radio interface layer 3 specification – Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 8.16.0 Release 8)
- ETSI TS 144 018 V9.13.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile radio interface layer 3 specification – Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 9.13.0 Release 9)
- ETSI TS 144 018 V10.7.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile radio interface layer 3 specification – Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 10.7.0 Release 10)
- ETSI TS 144 060 V8.16.0:2012
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 8.16.0 Release 8)
- ETSI TS 144 060 V9.12.0:2012
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 9.12.0 Release 9)
- ETSI TS 144 060 V10.9.0:2012
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 10.9.0 Release 10)
- ETSI TS 145 005 V8.15.0:2012
Digital cellular telecommunications system (Phase 2+) – Radio transmission and reception (3GPP TS 45.005 version 8.15.0 Release 8)
- ETSI TS 145 005 V9.11.0:2012
Digital cellular telecommunications system (Phase 2+) – Radio transmission and reception (3GPP TS 45.005 version 9.11.0 Release 9)
- ETSI TS 145 005 V10.5.0:2012
Digital cellular telecommunications system (Phase 2+); Radio transmission and reception (3GPP TS 45.005 version 10.5.0 Release 10)
- ETSI TS 145 008 V10.5.0:2012
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 10.5.0 Release 10)
- ETSI TS 148 008 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile Switching Centre – Base Station system (MSC-BSS) interface – Layer 3 specification (3GPP TS 48.008 version 10.6.0 Release 10)

- ETSI TS 148 018 V10.6.0:2012
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) – BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 10.6.0 Release 10)
- ETSI TS 148 071 V9.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Serving Mobile Location Centre – Base Station System (SMLC-BSS) interface – Layer 3 specification (3GPP TS 48.071 version 9.2.0 Release 9)
- ETSI TS 148 071 V10.2.0:2012
Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Serving Mobile Location Centre – Base Station System (SMLC-BSS) interface – Layer 3 specification (3GPP TS 48.071 version 10.2.0 Release 10)
- ETSI TS 151 010-2 V10.1.0:2012
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 10.1.0 Release 10)
- ETSI TS 151 010-4 V4.23.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification (3GPP TS 51.010-4 version 4.23.0 Release 4)
- ETSI TS 151 010-5 V9.10.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS) (3GPP TS 51.010-5 version 9.10.0 Release 9)
- ETSI TS 151 010-5 V10.1.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS) (3GPP TS 51.010-5 version 10.1.0 Release 10)
- ETSI TS 151 010-7 V9.4.0:2012
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 7: Location Services (LCS) test scenarios and assistance data (3GPP TS 51.010-7 version 9.4.0 Release 9)
- ETSI TS 151 021 V8.12.0:2012
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects (3GPP TS 51.021 version 8.12.0 Release 8)
- ETSI TS 151 021 V9.9.0:2012
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects (3GPP TS 51.021 version 9.9.0 Release 9)
- ETSI TS 151 021 V10.5.0:2012
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects (3GPP TS 51.021 version 10.5.0 Release 10)

33.100.01 Elektromagnetska kompatibilnost općenito

Međunarodna normizacija ISO

- ISO 14117:2012
Active implantable medical devices – Electromagnetic compatibility – EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators and cardiac resynchronization devices

IEC

- IEC/TR 61000-1-6:2012
Electromagnetic compatibility (EMC) – Part 1-6: General – Guide to the assessment of measurement uncertainty
- IEC 61326-1:2012
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements
- IEC 61326-2-3:2012
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-3: Particular requirements – Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning
- IEC 61236-2-4:2012
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-4: Particular requirements – Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9
- IEC 61326-2-6:2012
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-6: Particular requirements – In vitro diagnostic (IVD) medical equipment

33.100.10 Zračenje

Europska normizacija ETSI

- EN 301 559-1 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 2 483,5 MHz to 2 500 MHz – Part 1: Technical characteristics and test methods
- 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 2 483,5 MHz to 2 500 MHz – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
- ETSI TR 101 599 V1.1.1:2012
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 TS 101 570-1 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 1: Requirements catalogue

- ETSI TS 101 570-2 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 2: Class A/B Test Descriptions
- ETSI TS 101 570-3 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 3: Class D Test Descriptions
- ETSI TS 101 570-4 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 4: Class E Test Descriptions
- ETSI TS 101 570-5 V1.1.1:2012
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 5: Handheld VHF Class D Test Descriptions
- ETSI TS 101 601 V1.1.1:2012
Electromagnetic compatibility and radio spectrum matters (ERM) – The specification and implementation of design changes to interrogators and specification of the test plan for the Preliminary Tests and the Trial – Modification of interrogators and specification of test plans for the Preliminary Tests and Trial

33.100.20 Otpornost

Međunarodna normizacija IEC

- IEC 62132-8:2012
Integrated circuits – Measurement of electromagnetic immunity – Part 8: Measurement of radiated immunity – IC stripline method

Europska normizacija CENELEC

- EN 55103-2:2009/IS1:2012
Electromagnetic compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use – Part 2: Immunity

33.120.10 Koaksijalni kabeli. Valovodi

Međunarodna normizacija IEC

- IEC 62037-4:2012
Passive RF and microwave devices, intermodulation level measurement – Part 4: Measurement of passive intermodulation in coaxial cables
- IEC/TR 62222:2012
Fire performance of communication cables installed in buildings

33.120.30 RF konektori

Međunarodna normizacija IEC

- IEC 61169-47:2012
Radio-frequency connectors – Part 47: Sectional specification for radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick)

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

33.160.40 Videosustavi

Europska normizacija CENELEC

- EN 50132-5-1:2011/AC:2012
Alarm systems – CCTV surveillance systems for use in security applications – Part 5-1: Video transmission – General video transmission performance requirements
- EN 50132-5-2:2011/AC:2012
Alarm systems – CCTV surveillance systems for use in security applications – Part 5-2: IP Video Transmission Protocols

33.170 Televizijski i radijski prijenos

Europska normizacija ETSI

- ETSI ES 201 980 V3.2.1:2012
Digital Radio Mondiale (DRM) – System Specification

33.180.10 Svjetlovodna vlakna i kabeli

Međunarodna normizacija IEC

- IEC 60794-1-22:2012
Optical fibre cables – Part 1-22: Generic specification – Basic optical cable test procedures – Environmental tests methods

33.180.20 Svjetlovodni vezne naprave

Međunarodna normizacija IEC

- IEC 60876-1:2012
Fibre optic interconnecting devices and passive components – Fibre optic spatial switches – Part 1: Generic specification
- IEC 61300-2-33:2012
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-33: Tests – Assembly and disassembly of fibre optic mechanical splices, fibre management systems and closures
- IEC 61754-26:2012
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 26: Type SF connector family
- IEC 62150-3:2012
Fibre optic active components and devices – Test and measurement procedures – Part 3: Optical power variation induced by mechanical disturbance in optical receptacles and transceiver interfaces
- IEC/TR 62627-04:2012
Fibre optic interconnecting devices and passive components – Part 04: Example of uncertainty calculation: Measurement of the attenuation of an optical connector

Europska normizacija

CENELEC

EN 50411-3-1:2012

Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-1: Fibre management system, splice wall box, for category C & G

EN 61754-29:2012

Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 29: Type BLINK connector series (IEC 61754-29:2012)

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija

ETSI

ETSI TS 103 092 V1.1.1:2012

Machine-to-Machine communications (M2M) – OMA DM compatible Management Objects for ETSI M2M

ETSI TS 103 093 V1.1.1:2012

Machine-to-Machine communications (M2M) – BBF TR-069 compatible Management Objects for ETSI M2M

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija

IEC

IEC 62648:2012

Graphical symbols for use on equipment – Guidelines for the inclusion of graphical symbols in IEC publications

35.040 Skupovi znakova i kodiranje informacija

Međunarodna normizacija

ISO

ISO/IEC 9798-4:1999/Cor 2:2012

Information technology – Security techniques – Entity authentication – Part 4: Mechanisms using a cryptographic check function

ISO/IEC 14496-4:2004/Amd 38:2010/Cor 1:2012

Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 38: Conformance testing for Multiview Video Coding

ISO/IEC 14496-5:2001/Amd 10:2007/Cor 6:2012

Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 10: SSC, DST, ALS and SLS reference software

ISO/IEC 14496-12:2012

Information technology – Coding of audio-visual objects – Part 12: ISO base media file format

ISO/IEC 14496-15:2010/Cor 2:2012

Information technology – Coding of audio-visual objects – Part 15: Advanced Video Coding (AVC) file format

ISO/IEC 14496-22:2009/Amd 2:2012

Information technology – Coding of audio-visual objects – Part 22: Open Font Format – Amendment 2: Additional script and language tags

ISO/IEC 14496-26:2010/Cor 5:2012

Information technology – Coding of audio-visual objects – Part 26: Audio conformance

ISO/IEC 14888-3:2006/Amd 2:2012

Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms – Amendment 2: Optimizing hash inputs

ISO/IEC 15444-9:2005/Cor 3:2011

Information technology – JPEG 2000 image coding system: Interactivity tools, APIs and protocols

ISO/IEC 15444-10:2011

Information technology – JPEG 2000 image coding system: Extensions for three-dimensional data

ISO/IEC 15444-12:2012

Information technology – JPEG 2000 image coding system – Part 12: ISO base media file format

ISO/IEC 15938-9:2005/Amd 1:2012

Information technology – Multimedia content description interface – Part 9: Profiles and levels – Amendment 1: Extensions to profiles and levels

ISO/IEC 18000-61:2012

Information technology – Radio frequency identification for item management – Part 61: Parameters for air interface communications at 860 MHz to 960 MHz Type A

ISO/IEC 18000-62:2012

Information technology – Radio frequency identification for item management – Part 62: Parameters for air interface communications at 860 MHz to 960 MHz Type B

ISO/IEC 18000-64:2012

Information technology – Radio frequency identification for item management – Part 64: Parameters for air interface communications at 860 MHz to 960 MHz Type D

ISO/IEC 24730-2:2012

Information technology – Real time locating systems (RTLS) – Part 2: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol

ISO/IEC 24730-21:2012

Information technology – Real time locating systems (RTLS) – Part 21: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol: Transmitters operating with a single spread code and employing a DBPSK data encoding and BPSK spreading scheme

ISO/IEC 24730-22:2012

Information technology – Real time locating systems (RTLS) – Part 22: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol: Transmitters operating with multiple spread codes and employing a QPSK data encoding and Walsh offset QPSK (WOQPSK) spreading scheme

ISO/IEC 27032:2012

Information technology – Security techniques – Guidelines for cybersecurity

ISO/IEC TR 29162:2012

Information technology – Guidelines for using data structures in AIDC media

ISO/IEC 29192-1:2012

Information technology – Security techniques – Lightweight cryptography – Part 1: General

Europska normizacija

ETSI

ETSI TR 101 053-2 V2.2.4:2012

Security Algorithms Group of Experts (SAGE) – Rules for the management of the TETRA standard encryption algorithms – Part 2: TEA2

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Međunarodna normizacija ISO

- ISO/IEC 9899:2011/Cor 1:2012
Information technology – Programming languages – C
- ISO/IEC 10967-1:2012
Information technology – Language independent arithmetic – Part 1: Integer and floating point arithmetic

IEC

- IEC 62529:2012
Standard for Signal and Test Definition
- IEC 62531:2012
Property Specification Language (PSL)

35.080 Softver (programaska podrška)

Međunarodna normizacija ISO

- ISO/IEC 19770-1:2012
Information technology – Software asset management – Part 1: Processes and tiered assessment of conformance

IEC

- IEC 61445:2012
Digital Test Interchange Format (DTIF)
- IEC 62243:2012
Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE)

35.100.20 Sloj veze između podataka

Međunarodna normizacija ISO

- ISO/IEC 21481:2012
Information technology – Telecommunications and information exchange between systems – Near Field Communication Interface and Protocol -2 (NFCIP-2)

35.100.70 Sloj primjene

Europska normizacija CENELEC

- EN 61158-5-2:2012
Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements (IEC 61158-5-2:2010)
- EN 61158-5-3:2012
Industrial communication networks – Fieldbus specifications – Part 5-3: Application layer service definition – Type 3 elements (IEC 61158-5-3:2010)
- EN 61158-5-10:2012
Industrial communication networks – Fieldbus specifications – Part 5-10: Application layer service definition – Type 10 elements (IEC 61158-5-10:2010)
- EN 61158-5-12:2012
Industrial communication networks – Fieldbus specifications – Part 5-12: Application layer service definition – Type 12 elements (IEC 61158-5-12:2010)
- EN 61158-5-14:2012
Industrial communication networks – Fieldbus specifications – Part 5-14: Application layer service definition – Type 14 elements (IEC 61158-5-14:2007)

- EN 61158-5-15:2012
Industrial communication networks – Fieldbus specifications – Part 5-15: Application layer service definition – Type 15 elements (IEC 61158-5-15:2007)
- EN 61158-5-18:2012
Industrial communication networks – Fieldbus specifications – Part 5-18: Application layer service definition – Type 18 elements (IEC 61158-5-18:2010)
- EN 61158-5-19:2012
Industrial communication networks – Fieldbus specifications – Part 5-19: Application layer service definition – Type 19 elements (IEC 61158-5-19:2010)
- EN 61158-5-20:2012
Industrial communication networks – Fieldbus specifications – Part 5-20: Application layer service definition – Type 20 elements (IEC 61158-5-20:2010)
- EN 61158-5-21:2012
Industrial communication networks – Fieldbus specifications – Part 5-21: Application layer service definition – Type 21 elements (IEC 61158-5-21:2010)
- EN 61158-5-22:2012
Industrial communication networks – Fieldbus specifications – Part 5-22: Application layer service definition – Type 22 elements (IEC 61158-5-22:2010)
- EN 61158-6-2:2012
Industrial communication networks – Fieldbus specifications – Part 6-2: Application layer protocol specification – Type 2 elements (IEC 61158-6-2:2010)
- EN 61158-6-3:2012
Industrial communication networks – Fieldbus specifications – Part 6-3: Application layer protocol specification – Type 3 elements (IEC 61158-6-3:2010)
- EN 61158-6-9:2012
Industrial communication networks – Fieldbus specifications – Part 6-9: Application layer protocol specification – Type 9 elements (IEC 61158-6-9:2010)
- EN 61158-6-10:2012
Industrial communication networks – Fieldbus specifications – Part 6-10: Application layer protocol specification – Type 10 elements (IEC 61158-6-10:2010)
- EN 61158-6-12:2012
Industrial communication networks – Fieldbus specifications – Part 6-12: Application layer protocol specification – Type 12 elements (IEC 61158-6-12:2010)
- EN 61158-6-14:2012
Industrial communication networks – Fieldbus specifications – Part 6-14: Application layer protocol specification – Type 14 elements (IEC 61158-6-14:2010)
- EN 61158-6-15:2012
Industrial communication networks – Fieldbus specifications – Part 6-15: Application layer protocol specification – Type 15 elements (IEC 61158-6-15:2010)
- EN 61158-6-18:2012
Industrial communication networks – Fieldbus specifications – Part 6-18: Application layer protocol specification – Type 18 elements (IEC 61158-6-18:2010)
- EN 61158-6-19:2012
Industrial communication networks – Fieldbus specifications – Part 6-19: Application layer protocol specification – Type 19 elements (IEC 61158-6-19:2010)
- EN 61158-6-20:2012
Industrial communication networks – Fieldbus specifications – Part 6-20: Application layer protocol specification – Type 20 elements (IEC 61158-6-20:2010)

- EN 61158-6-21:2012
Industrial communication networks – Fieldbus specifications – Part 6-21: Application layer protocol specification – Type 21 elements (IEC 61158-6-21:2010)
- EN 61158-6-22:2012
Industrial communication networks – Fieldbus specifications – Part 6-22: Application layer protocol specification – Type 22 elements (IEC 61158-6-22:2010)

35.110 Umrežavanje

Međunarodna normizacija IEC

- IEC 62439-1:2010/am1:2012
Industrial communication networks – High availability automation networks – Part 1: General concepts and calculation methods
- IEC 62439-3:2012
Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR)
- IEC/TR 80001-2-1:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-1: Step by step risk management of medical IT-networks – Practical applications and examples
- IEC/TR 80001-2-2:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-2: Guidance for the disclosure and communication of medical device security needs, risks and controls
- IEC/TR 80001-2-3:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-3: Guidance for wireless networks

35.160 Mikroprocesorski sustavi

Europska normizacija CENELEC

- EN 61158-5-2:2012
Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements (IEC 61158-5-2:2010)
- EN 61158-5-3:2012
Industrial communication networks – Fieldbus specifications – Part 5-3: Application layer service definition – Type 3 elements (IEC 61158-5-3:2010)
- EN 61158-5-10:2012
Industrial communication networks – Fieldbus specifications – Part 5-10: Application layer service definition – Type 10 elements (IEC 61158-5-10:2010)
- EN 61158-5-12:2012
Industrial communication networks – Fieldbus specifications – Part 5-12: Application layer service definition – Type 12 elements (IEC 61158-5-12:2010)
- EN 61158-5-14:2012
Industrial communication networks – Fieldbus specifications – Part 5-14: Application layer service definition – Type 14 elements (IEC 61158-5-14:2007)
- EN 61158-5-15:2012
Industrial communication networks – Fieldbus specifications – Part 5-15: Application layer service definition – Type 15 elements (IEC 61158-5-15:2007)

- EN 61158-5-18:2012
Industrial communication networks – Fieldbus specifications – Part 5-18: Application layer service definition – Type 18 elements (IEC 61158-5-18:2010)
- EN 61158-5-19:2012
Industrial communication networks – Fieldbus specifications – Part 5-19: Application layer service definition – Type 19 elements (IEC 61158-5-19:2010)
- EN 61158-5-20:2012
Industrial communication networks – Fieldbus specifications – Part 5-20: Application layer service definition – Type 20 elements (IEC 61158-5-20:2010)
- EN 61158-5-21:2012
Industrial communication networks – Fieldbus specifications – Part 5-21: Application layer service definition – Type 21 elements (IEC 61158-5-21:2010)
- EN 61158-5-22:2012
Industrial communication networks – Fieldbus specifications – Part 5-22: Application layer service definition – Type 22 elements (IEC 61158-5-22:2010)
- EN 61158-6-2:2012
Industrial communication networks – Fieldbus specifications – Part 6-2: Application layer protocol specification – Type 2 elements (IEC 61158-6-2:2010)
- EN 61158-6-3:2012
Industrial communication networks – Fieldbus specifications – Part 6-3: Application layer protocol specification – Type 3 elements (IEC 61158-6-3:2010)
- EN 61158-6-9:2012
Industrial communication networks – Fieldbus specifications – Part 6-9: Application layer protocol specification – Type 9 elements (IEC 61158-6-9:2010)
- EN 61158-6-10:2012
Industrial communication networks – Fieldbus specifications – Part 6-10: Application layer protocol specification – Type 10 elements (IEC 61158-6-10:2010)
- EN 61158-6-12:2012
Industrial communication networks – Fieldbus specifications – Part 6-12: Application layer protocol specification – Type 12 elements (IEC 61158-6-12:2010)
- EN 61158-6-14:2012
Industrial communication networks – Fieldbus specifications – Part 6-14: Application layer protocol specification – Type 14 elements (IEC 61158-6-14:2010)
- EN 61158-6-15:2012
Industrial communication networks – Fieldbus specifications – Part 6-15: Application layer protocol specification – Type 15 elements (IEC 61158-6-15:2010)
- EN 61158-6-18:2012
Industrial communication networks – Fieldbus specifications – Part 6-18: Application layer protocol specification – Type 18 elements (IEC 61158-6-18:2010)
- EN 61158-6-19:2012
Industrial communication networks – Fieldbus specifications – Part 6-19: Application layer protocol specification – Type 19 elements (IEC 61158-6-19:2010)
- EN 61158-6-20:2012
Industrial communication networks – Fieldbus specifications – Part 6-20: Application layer protocol specification – Type 20 elements (IEC 61158-6-20:2010)
- EN 61158-6-21:2012
Industrial communication networks – Fieldbus specifications – Part 6-21: Application layer protocol specification – Type 21 elements (IEC 61158-6-21:2010)

EN 61158-6-22:2012
Industrial communication networks – Fieldbus specifications – Part 6-22: Application layer protocol specification – Type 22 elements (IEC 61158-6-22:2010)

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija ISO

ISO 9241-410:2008/Amd 1:2012
Ergonomics of human-system interaction – Part 410: Design criteria for physical input devices

Europska normizacija CEN

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)

35.200 Sučelna i spojna oprema

Međunarodna normizacija ISO

ISO/IEC 15045-2:2012
Information technology – Home electronic system (HES) gateway – Part 2: Modularity and protocol

ISO/IEC 15067-3:2012
Information technology – Home electronic system (HES) application model – Part 3: Model of a demand-response energy management system for HES

ISO/IEC 18012-2:2012
Information technology – Home electronic system (HES) – Guidelines for product interoperability – Part 2: Taxonomy and application interoperability model

IEC

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

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

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

35.220.30 Optičke naprave za pohranu podataka

Međunarodna normizacija ISO

ISO 18926:2012
Imaging materials – Information stored on magneto-optical (MO) discs – Method for estimating the life expectancy based on the effects of temperature and relative humidity

IEC

IEC/TR 62780:2012
Multimedia systems and equipment – Multimedia e-publishing and e-book – Guidelines for protection against mechanical stress during distribution of e-books in CD and DVD media

35.240.15 Identifikacijske kartice i pripadajuće naprave

Međunarodna normizacija ISO

ISO/IEC 18013-3:2009/Amd 1:2012
Information technology – Personal identification – ISO-compliant driving licence – Part 3: Access control, authentication and integrity validation – Amendment 1: Scanning area identifier – Optional machine readable zone

Europska normizacija ETSI

ETSI TS 102 221 V11.0.0:2012
Smart Cards – UICC-Terminal interface – Physical and logical characteristics (Release 11)

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Međunarodna normizacija ISO

ISO 14289-1:2012
Document management applications – Electronic document file format enhancement for accessibility – Part 1: Use of ISO 32000-1 (PDF/UA-1)

IEC

IEC 61671:2012
Automatic Test Markup Language (ATML) for Exchanging Automatic Test Equipment and Test Information via XML

IEC/TR 62780:2012
Multimedia systems and equipment – Multimedia e-publishing and e-book – Guidelines for protection against mechanical stress during distribution of e-books in CD and DVD media

35.240.50 Primjene IT-a u industriji

Međunarodna normizacija ISO

ISO 8000-2:2012
Data quality – Part 2: Vocabulary

ISO/PAS 17506:2012
Industrial automation systems and integration – COLLADA digital asset schema specification for 3D visualization of industrial data

IEC

IEC 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 62243:2012
Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE)
IEC 62541-7:2012
OPC unified architecture – Part 7: Profiles

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

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

35.240.60 Primjene IT-a u prijevozu i trgovini

Međunarodna normizacija

ISO

ISO 21210:2012
Intelligent transport systems – Communications access for land mobiles (CALM) – IPv6 Networking

ISO/IEC 29160:2012
Information technology – Radio frequency identification for item management – RFID Emblem

IEC

IEC 61375-1:2012
Electronic railway equipment – Train communication network (TCN) – Part 1: General architecture

IEC 61375-2-1:2012
Electronic railway equipment – Train communication network (TCN) – Part 2-1: Wire Train Bus (WTB)

IEC 61375-2-2:2012
Electronic railway equipment – Train communication network (TCN) – Part 2-2: Wire Train Bus conformance testing

IEC 61375-3-1:2012
Electronic railway equipment – Train communication network (TCN) – Part 3-1: Multifunction Vehicle Bus (MVB)

IEC 61375-3-2:2012
Electronic railway equipment – Train communication network (TCN) – Part 3-2: MVB (Multifunction Vehicle Bus) conformance testing

IEC 61375-3-3:2012
Electronic railway equipment – Train communication network (TCN) – Part 3-3: CANopen Consist Network (CCN)

Europska normizacija

ETSI

ETSI TS 101 556-1 V1.1.1:2012
Intelligent Transport Systems (ITS) – Infrastructure to Vehicle Communication – Electric Vehicle Charging Spot Notification Specification

ETSI TS 102 708-2-2 V1.3.1:2012
Intelligent Transport Systems (ITS) – RTTT – Test specifications for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz ISM band – Part 2: Application Layer – Sub-Part 2: Test Suite Structure nad Test Purposes (TSS&TP)

ETSI TS 102 708-2-3 V1.3.1:2012
Intelligent Transport Systems (ITS) – RTTT – Test specifications for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz ISM band – Part 2: Application Layer – Sub-Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma

ETSI TS 102 867 V1.1.1:2012
Intelligent Transport Systems (ITS) – Security – Stage 3 mapping for IEEE 1609.2

ETSI TS 102 940 V1.1.1:2012
Intelligent Transport Systems (ITS) – Security – ITS communications security architecture and security management

ETSI TS 102 941 V1.1.1:2012
Intelligent Transport Systems (ITS) – Security – Trust and Privacy Management

ETSI TS 102 942 V1.1.1:2012
Intelligent Transport Systems (ITS) – Security – Access Control

ETSI TS 102 943 V1.1.1:2012
Intelligent Transport Systems (ITS) – Security – Confidentiality services

ETSI TS 102 985-1 V1.1.1:2012
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for non-IP networking (ISO 29281) – Part 1: Protocol Implementation Conformance Statement (PICS) proforma

ETSI TS 102 985-2 V1.1.1:2012
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for non-IP networking (ISO 29281) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)

ETSI TS 102 985-3 V1.1.1:2012
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for non-IP networking (ISO 29281) – Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma

35.240.70 Primjene IT-a u znanosti

Međunarodna normizacija

ISO

ISO 19144-2:2012
Geographic information – Classification systems – Part 2: Land Cover Meta Language (LCML)

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Međunarodna normizacija

ISO

ISO/TR 13128:2012
Health Informatics – Clinical document registry federation

IEC

IEC/TR 80001-2-1:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-1: Step by step risk management of medical IT-networks – Practical applications and examples

IEC/TR 80001-2-2:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-2: Guidance for the disclosure and communication of medical device security needs, risks and controls

IEC/TR 80001-2-3:2012
Application of risk management for IT-networks incorporating medical devices – Part 2-3: Guidance for wireless networks

35.240.99 Primjene IT-a u ostalim područjima

Međunarodna normizacija

ISO

ISO 14452:2012
Network services billing – Requirements

ISO/IEC 15045-2:2012
Information technology – Home electronic system (HES) gateway – Part 2: Modularity and protocol

ISO/IEC 15067-3:2012
Information technology – Home electronic system (HES) application model – Part 3: Model of a demand-response energy management system for HES

ISO/IEC 18012-2:2012
Information technology – Home electronic system (HES) – Guidelines for product interoperability – Part 2: Taxonomy and application interoperability model

37.020 Optička oprema

Međunarodna normizacija ISO

- ISO 8578:2012
Microscopes – Marking of objectives and eyepieces
- ISO 9345-1:2012
Microscopes – Imaging distances related to mechanical reference planes – Part 1: Tube length 160 mm

37.040.99 Ostale norme koje se odnose na fotografiju

Međunarodna normizacija ISO

- ISO 12234-1:2012
Electronic still-picture imaging – Removable memory – Part 1: Basic removable-memory model

37.100.10 Oprema za umnožavanje

Međunarodna normizacija ISO

- ISO/IEC 21117:2012
Information technology – Office equipment – Copying machines and multi-function devices – Information to be included in specification sheets and related test methods
- ISO/IEC 24735:2012
Information technology – Office equipment – Method for measuring digital copying productivity
- ISO/IEC TR 29186:2012
Information technology – Office equipment – Test method of colour gamut mapping algorithm for office colour softcopy and hardcopy

37.100.99 Ostale norme koje se odnose na grafičku tehnologiju

Međunarodna normizacija ISO

- ISO 14289-1:2012
Document management applications – Electronic document file format enhancement for accessibility – Part 1: Use of ISO 32000-1 (PDF/UA-1)

39.040.20 Satovi osim ručnih i džepnih satova

Međunarodna normizacija ISO

- ISO 13074:2012
Analogue quartz clocks – Fitting dimensions of movements to hands

39.060 Nakit

Europska normizacija CEN

- EN 1811:2011/AC:2012
Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin

43.020 Cestovna vozila općenito

Međunarodna normizacija ISO

- ISO 12219-1:2012
Interior air of road vehicles – Part 1: Whole vehicle test chamber – Specification and method for the determination of volatile organic compounds in cabin interiors
- ISO 12219-2:2012
Interior air of road vehicles – Part 2: Screening method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials – Bag method
- ISO 12219-1:2012
Interior air of road vehicles – Part 3: Screening method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials – Micro-scale chamber method

43.040.10 Električna i elektronička oprema

Međunarodna normizacija ISO

- ISO 13400-2:2012
Road vehicles – Diagnostic communication over Internet Protocol (DoIP) – Part 2: Transport protocol and network layer services

43.040.20 Uređaji za osvjtljivanje, svjetlosnu signalizaciju i upozoravanje

Međunarodna normizacija IEC

- IEC 60809:1995/am5:2012
Lamps for road vehicles – Dimensional, electrical and luminous requirements

43.060.50 Električna i elektronička oprema. Upravljački sustavi

Međunarodna normizacija ISO

- ISO 8854:2012
Road vehicles – Alternators with regulators – Test methods and general requirements

43.100 Osobna vozila. Kamp-prikolice i lake prikolice

Međunarodna normizacija ISO

- ISO 4138:2012
Passenger cars – Steady-state circular driving behaviour – Open-loop test methods
- ISO 10865-1:2012
Wheelchair containment and occupant retention systems for accessible transport vehicles designed for use by both sitting and standing passengers – Part 1: Systems for rearward-facing wheelchair-seated passengers

43.120 Električna cestovna vozila

Međunarodna normizacija

ISO

ISO 12405-2:2012

Electrically propelled road vehicles – Test specification for lithium-ion traction battery packs and systems – Part 2: High-energy applications

43.140 Motocikli i mopedi

Međunarodna normizacija

ISO

ISO 13232-1:2005/Amd 1:2012

Motorcycles – Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles – Part 1: Definitions, symbols and general considerations – Amendment 1: MATD test helmet, ground impact, and injury costs

ISO 13232-3:2005/Amd 1:2012

Motorcycles – Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles – Part 3: Motorcyclist anthropometric impact dummy – Amendment 1: MATD test helmet

ISO 13232-5:2005/Amd 1:2012

Motorcycles – Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles – Part 5: Injury indices and risk/benefit analysis – Amendment 1: Ground impact and injury costs

ISO 13232-6:2005/Amd 1:2012

Motorcycles – Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles – Part 6: Full-scale impact-test procedures – Amendment 1: MATD test helmet

ISO 13232-7:2005/Amd 1:2012

Motorcycles – Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles – Part 7: Standardized procedures for performing computer simulations of motorcycle impact tests – Amendment 1: Ground impact

ISO 13232-8:2005/Amd 1:2012

Motorcycles – Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles – Part 8: Documentation and reports – Amendment 1: Ground impact and injury costs

43.180 Oprema za dijagnostiku, održavanje i ispitivanje

Međunarodna normizacija

ISO

ISO 13400-2:2012

Road vehicles – Diagnostic communication over Internet Protocol (DoIP) – Part 2: Transport protocol and network layer services

ISO 14230-1:2012

Road vehicles – Diagnostic communication over K-Line (DoK-Line) – Part 1: Physical layer

45.040 Materijali i sastavni dijelovi za željezničku tehniku

Europska normizacija

CEN

EN 16028:2012

Railway applications – Wheel/rail friction management – Lubricants for trainborne and trackside applications

45.060.20 Vozila za tegljenje

Europska normizacija

CEN

EN 15877-1:2012

Railway applications – Marking on railway vehicles – Part 1: Freight wagons

47.020.01 Opće norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija

ISO

ISO 16437:2012

Ships and marine technology – Lifesaving and fire protection – Atmospheric oil mist detectors for ships

ISO 30002:2012

Ships and marine technology – Ship recycling management systems – Guidelines for selection of ship recyclers (and pro forma contract)

ISO 30004:2012

Ships and marine technology – Ship recycling management systems – Guidelines for the implementation of ISO 30000

47.020.05 Materijali i sastavni dijelovi za brodogradnju

Međunarodna normizacija

ISO

ISO 21005:2012

Ships and marine technology – Thermally toughened safety glass panes for windows and side scuttles

47.020.10 Trupovi i njihovi sastavni elementi

Međunarodna normizacija

ISO

ISO 614:2012

Ships and marine technology – Toughened safety glass panes for rectangular windows and side scuttles – Punch method of non-destructive strength testing

ISO 1751:2012

Ships and marine technology – Ships' side scuttles

ISO 3903:2012

Ships and marine technology – Ships' ordinary rectangular windows

ISO 12215-9:2012

Small craft – Hull construction and scantlings – Part 9: Sailing craft appendages

47.020.50 Palubna oprema i instalacije

Međunarodna normizacija

ISO

- ISO 7365:2012
Shipbuilding and marine structures – Deck machinery – Towing winches for deep sea use
- ISO 13713:2012
Ships and marine technology – Ship's mooring and towing fittings – Mooring chocks
- ISO 13728:2012
Ships and marine technology – Ship's mooring and towing fittings – Panama chocks
- ISO 13729:2012
Ships and marine technology – Ship's mooring and towing fittings – Closed chocks
- ISO 13733:2012
Ships and marine technology – Ship's mooring and towing fittings – Universal fairleads with upper roller
- ISO 13742:2012
Ships and marine technology – Ship's mooring and towing fittings – Universal fairleads without upper roller
- ISO 13755:2012
Ships and marine technology – Ship's mooring and towing fittings – Steel rollers
- ISO 13767:2012
Ships and marine technology – Ship's mooring and towing fittings – Shipside roller fairleads
- ISO 13776:2012
Ships and marine technology – Ship's mooring and towing fittings – Pedestal fairleads
- ISO 13795:2012
Ships and marine technology – Ship's mooring and towing fittings – Welded steel bollards for sea-going vessels
- ISO 13797:2012
Ships and marine technology – Ship's mooring and towing fittings – Cruciform bollards
- ISO 13798:2012
Ships and marine technology – Ship's mooring and towing fittings – Recessed bits (Steel plate type)
- ISO 13799:2012
Ships and marine technology – Ship's mooring and towing fittings – Recessed bits (Casting type)

47.020.60 Električna oprema brodova i pomorskih konstrukcija

Međunarodna normizacija

ISO

- ISO/IEC/IEEE 80005-1:2012
Utility connections in port – Part 1: High Voltage Shore Connection (HVSC) Systems – General requirements

IEC

- IEC/ISO/IEEE 80005-1:2012
Utility connections in port – Part 1: High Voltage Shore Connection (HVSC) Systems – General requirements

47.020.70 Oprema za navigaciju i upravljanje

Međunarodna normizacija

IEC

- IEC 62616:2010/Corr.1:2012
Maritime navigation and radiocommunication equipment and systems – Bridge navigational watch alarm system (BNWAS)
- IEC 62729:2012
Maritime navigation and radiocommunication equipment and systems – Shipborne equipment for long-range identification and tracking (LRIT) – Performance requirements

47.020.99 Ostale norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija

ISO

- ISO/PAS 28004-2:2012
Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 2: Guidelines for adopting ISO 28000 for use in medium and small seaport operations
- ISO/PAS 28004-3:2012
Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 3: Additional specific guidance for adopting ISO 28000 for use by medium and small businesses (other than marine ports)
- ISO/PAS 28004-24:2012
Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 4: Additional specific guidance on implementing ISO 28000 if compliance with ISO 28001 is a management objective

47.040 Morska plovila

Međunarodna normizacija

ISO

- ISO 11336-1:2012
Large yachts – Strength, weathertightness and watertightness of glazed openings – Part 1: Design criteria, materials, framing and testing of independent glazed openings
- ISO 13795:2012
Ships and marine technology – Ship's mooring and towing fittings – Welded steel bollards for sea-going vessels

47.080 Mala plovila

Međunarodna normizacija

ISO

- ISO 12215-9:2012
Small craft – Hull construction and scantlings – Part 9: Sailing craft appendages

Europska normizacija

CEN

- EN ISO 12215-9:2012
Small craft – Hull construction and scantlings – Part 9: Sailing craft appendages (ISO 12215-9:2012)

49.025.30 Titan

Europska normizacija CEN

- EN 3456:2012
Aerospace series – Titanium alloy Ti-P64001 (Ti-6Al-4V) – Annealed – Sheet and strip, hot rolled – a = 6 mm

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija CEN

- EN 2591-307:2012
Aerospace series – Elements of electrical and optical connection – Test methods – Part 307: Salt mist
- EN 2591-402:2012
Aerospace series – Elements of electrical and optical connection – Test methods – Part 402: Shock

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija CEN

- EN 2591-307:2012
Aerospace series – Elements of electrical and optical connection – Test methods – Part 307: Salt mist
- EN 2591-402:2012
Aerospace series – Elements of electrical and optical connection – Test methods – Part 402: Shock
- EN 3745-405:2012
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 405: Low/High temperature bend test
- EN 3745-515:2012
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 515: Buffer insertion force
- EN 3745-516:2012
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 516: Severe cable bend test
- EN 3745-517:2012
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 517: Cable tie clamping test

49.100 Zemaljska služba i oprema za održavanje

Međunarodna normizacija ISO

- ISO 27471:2012
Aircraft ground equipment – Upper deck loader – Functional requirements

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

- ISO 22641:2012
Space data and information transfer systems – TM (telemetry) synchronization and channel coding
- ISO 26900:2012
Space data and information transfer systems – Orbit data messages

53.020.20 Dizalice

Međunarodna normizacija ISO

- ISO 12488-1:2012
Cranes – Tolerances for wheels and travel and traversing tracks – Part 1: General

Europska normizacija CEN

- EN 12999:2011+A1:2012
Cranes – Loader cranes

53.020.30 Pribor za opremu za dizanje

Međunarodna normizacija ISO

- ISO 3076:2012
Round steel short link chains for general lifting purposes – Medium tolerance sling chains for chain slings – Grade 8

53.040.20 Sastavni dijelovi za prijenosne trake

Međunarodna normizacija ISO

- ISO 9856:2003/Amd 1:2012
Conveyor belts – Determination of elastic and permanent elongation and calculation of elastic modulus

Europska normizacija CEN

- EN 1554:2012
Conveyor belts – Drum friction testing
- EN ISO 9856:2003/A1:2012
Conveyor belts – Determination of elastic and permanent elongation and calculation of elastic modulus (ISO 9856:2003/Amd 1:2012)

53.060 Industrijski prijevozni sustavi

Međunarodna normizacija ISO

- ISO 10896-1:2012
Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks
- ISO 11525-1:2012
Rough-terrain trucks – User requirements – Part 1: General requirements

53.100 Strojevi za zemljane radove

Međunarodna normizacija ISO

- ISO 13459:2012
Earth-moving machinery – Trainer seat – Deflection limiting volume, space envelope and performance requirements

55.040 Materijali i pribor za ambalažu i pakiranje

Europska normizacija

CEN

CEN/TR 16353:2012

Packaging – Safety guidelines for flexible plastic packaging to minimize the risk of suffocation to children

59.060.01 Tekstilna vlakna općenito

Međunarodna normizacija

ISO

ISO/TR 11827:2012

Textiles – Composition testing – Identification of fibres

59.060.10 Prirodna vlakna

Međunarodna normizacija

ISO

ISO 6938:2012

Textiles – Natural fibres – Generic names and definitions

ISO 12027:2012

Textiles – Cotton-fibre stickiness – Detection of sugar by colour reaction

59.080.60 Tekstilne podne obloge

Međunarodna normizacija

ISO

ISO 6356:2012

Textile and laminate floor coverings – Assessment of static electrical propensity – Walking test

Europska normizacija

CEN

EN 15772:2012

Textile floor coverings – Minimum requirements for needed floor coverings for single usage in events of limited duration

59.140.30 Koža i krzno

Međunarodna normizacija

ISO

ISO 26082-2:2012

Leather – Physical and mechanical test methods for the determination of soiling – Part 2: Tumbling method

Europska normizacija

CEN

EN ISO 26082-2:2012

Leather – Physical and mechanical test methods for the determination of soiling – Part 2: Tumbling method (ISO 26082-2:2012)

61.060 Obuća

Međunarodna normizacija

ISO

ISO/TR 16178:2012

Footwear – Critical substances potentially present in footwear and footwear components

65.060.01 Poljoprivredni strojevi i oprema općenito

Međunarodna normizacija

ISO

ISO 17101-1:2012

Agricultural machinery – Thrown-object test and acceptance criteria – Part 1: Rotary mowers

ISO 17101-2:2012

Agricultural machinery – Thrown-object test and acceptance criteria – Part 2: Flail mowers

65.060.50 Oprema za žetvu

Međunarodna normizacija

ISO

ISO 4254-12:2012

Agricultural machinery – Safety – Part 12: Rotary disc and drum mowers and flail mowers

ISO 17101-1:2012

Agricultural machinery – Thrown-object test and acceptance criteria – Part 1: Rotary mowers

ISO 17101-2:2012

Agricultural machinery – Thrown-object test and acceptance criteria – Part 2: Flail mowers

Europska normizacija

CEN

EN ISO 4254-12:2012

Agricultural machinery – Safety – Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012)

65.060.70 Oprema za vrtlarstvo

Međunarodna normizacija

ISO

ISO 17101-1:2012

Agricultural machinery – Thrown-object test and acceptance criteria – Part 1: Rotary mowers

ISO 17101-2:2012

Agricultural machinery – Thrown-object test and acceptance criteria – Part 2: Flail mowers

65.120 Hrana za životinje

Međunarodna normizacija

ISO

ISO 6498:2012

Animal feeding stuffs – Guidelines for sample preparation

Europska normizacija

CEN

EN ISO 6498:2012

Animal feeding stuffs – Guidelines for sample preparation (ISO 6498:2012)

65.150 Ribolov i uzgoj riba

Međunarodna normizacija

ISO

ISO 12878:2012

Environmental monitoring of the impacts from marine finfish farms on soft bottom

67.060 Žitarice, mahunarke i proizvodi od žitarica i mahunarka

Međunarodna normizacija

ISO

ISO 5530-2:2012

Wheat flour – Physical characteristics of doughs – Part 2: Determination of rheological properties using an extensograph

67.100.30 Sir

Međunarodna normizacija

ISO

ISO 9233-1:2007/Amd 1:2012

Cheese, cheese rind and processed cheese – Determination of natamycin content – Part 1: Molecular absorption spectrometric method for cheese rind

ISO 9233-2:2007/Amd 1:2012

Cheese, cheese rind and processed cheese – Determination of natamycin content – Part 2: High-performance liquid chromatographic method for cheese, cheese rind and processed cheese

71.040.10 Kemijski laboratoriji. Laboratorijska oprema

Međunarodna normizacija

IEC

IEC 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

71.040.50 Fizikalnokemijske metode analize

Međunarodna normizacija

ISO

ISO 16014-5:2012

Plastics – Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography – Part 5: Method using light-scattering detection

IEC

IEC 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

71.100.60 Eterična ulja

Međunarodna normizacija

ISO

ISO 3528:2012

Essential oil of mandarin, Italian type (Citrus reticulata Blanco)

71.100.70 Kozmetika. Toaletne potrepštine

Međunarodna normizacija

ISO

ISO 24443:2012

Determination of sunscreen UVA photoprotection in vitro

75.100 Maziva, industrijska ulja i srodni proizvodi

Međunarodna normizacija

ISO

ISO 12924:2010/Cor 1:2012

Lubricants, industrial oils and related products (Class L) – Family X (Greases) – Specification

Europska normizacija

CEN

EN 16028:2012

Railway applications – Wheel/rail friction management – Lubricants for trainborne and trackside applications

75.120 Hidraulične tekućine

Međunarodna normizacija

ISO

ISO 4404-1:2012

Petroleum and related products – Determination of the corrosion resistance of fire-resistant hydraulic fluids – Part 1: Water-containing fluids

Europska normizacija

CEN

EN ISO 4404-1:2012

Petroleum and related products – Determination of the corrosion resistance of fire-resistant hydraulic fluids – Part 1: Water-containing fluids (ISO 4404-1:2012)

75.180.30 Volumetrijska oprema i mjerenja

Međunarodna normizacija

ISO

ISO 10976:2012

Refrigerated light hydrocarbon fluids – Measurement of cargoes on board LNG carriers

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Međunarodna normizacija ISO

- ISO 16486-1:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 1: General
- ISO 16486-2:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 2: Pipes
- ISO 16486-3:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 3: Fittings
- ISO 16486-5:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 5: Fitness for purpose of the system
- ISO 16486-6:2012
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 6: Code of practice for design, handling and installation

77.040.10 Mehaničko ispitivanje metala

Međunarodna normizacija ISO

- ISO 4965-1:2012
Metallic materials – Dynamic force calibration for uniaxial fatigue testing – Part 1: Testing systems
- ISO 4965-2:2012
Metallic materials – Dynamic force calibration for uniaxial fatigue testing – Part 2: Dynamic calibration device (DCD) instrumentation
- ISO 23788:2012
Metallic materials – Verification of the alignment of fatigue testing machines

77.060 Korozija metala

Međunarodna normizacija ISO

- ISO 14802:2012
Corrosion of metals and alloys – Guidelines for applying statistics to analysis of corrosion data
- ISO 17752:2012
Corrosion of metals and alloys – Procedures to determine and estimate runoff rates of metals from materials as a result of atmospheric corrosion

77.140.75 Čelične cijevi i čelične cijevi za posebnu namjenu

Međunarodna normizacija ISO

- ISO 13470:2012
Trenchless applications of ductile iron pipes systems – Product design and installation

77.150.10 Proizvodi od aluminija

Međunarodna normizacija ISO

- ISO 6362-1:2012
Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 1: Technical conditions for inspection and delivery
- ISO 6362-2:2012
Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 2: Mechanical properties
- ISO 6362-3:2012
Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 3: Extruded rectangular bars – Tolerances on shape and dimensions
- ISO 6362-4:2012
Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 4: Profiles – Tolerances on shape and dimensions
- ISO 6362-5:2012
Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 5: Round, square and hexagonal bars – Tolerances on shape and dimensions
- ISO 6362-6:2012
Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 6: Round, square, rectangular and hexagonal tubes – Tolerances on shape and dimensions
- ISO 6362-7:2012
Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 7: Chemical composition
- ISO 6363-1:2012
Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 1: Technical conditions for inspection and delivery
- ISO 6363-2:2012
Wrought aluminium and aluminium alloys – Cold-drawn rods/bars and tubes and wires – Part 2: Mechanical properties
- ISO 6363-3:2012
Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 3: Drawn round bars and wires – Tolerances on form and dimensions (symmetric plus and minus tolerances on diameter)
- ISO 6363-4:2012
Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 4: Drawn rectangular bars and wires – Tolerances on form and dimensions
- ISO 6363-5:2012
Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 5: Drawn square and hexagonal bars and wires – Tolerances on form and dimensions
- ISO 6363-6:2012
Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 6: Drawn round tubes – Tolerances on form and dimensions

77.160 Metalurgija praha

Međunarodna normizacija ISO

- ISO 2739:2012
Sintered metal bushings – Determination of radial crushing strength

ISO 22068:2012
Sintered-metal injection-moulded materials –
Specifications

Europska normizacija
CEN

EN ISO 2739:2012
Sintered metal bushings – Determination of radial
crushing strength (ISO 2739:2012)

79.120.10 Strojevi za obradu drva

Europska normizacija
CEN

EN 859:2007+A2:2012
Safety of woodworking machines – Hand fed surface
planing machines

81.040.20 Staklo u graditeljstvu

Europska normizacija
CEN

EN 572-1:2012
Glass in building – Basic soda lime silicate glass
products – Part 1: Definitions and general physical
and mechanical properties

EN 572-2:2012
Glass in building – Basic soda lime silicate glass
products – Part 2: Float glass

EN 572-3:2012
Glass in building – Basic soda lime silicate glass
products – Part 3: Polished wired glass

EN 572-4:2012
Glass in building – Basic soda lime silicate glass
products – Part 4: Drawn sheet glass

EN 572-5:2012
Glass in building – Basic soda lime silicate glass
products – Part 5: Patterned glass

EN 572-6:2012
Glass in building – Basic soda lime silicate glass
products – Part 6: Wired patterned glass

EN 572-7:2012
Glass in building – Basic soda lime silicate glass
products – Part 7: Wired or unwired channel shaped
glass

EN 572-8:2012
Glass in building – Basic soda lime silicate glass
products – Part 8: Supplied and final cut sizes

81.040.30 Proizvodi od stakla

Međunarodna normizacija
ISO

ISO 614:2012
Ships and marine technology – Toughened safety
glass panes for rectangular windows and side scuttles
– Punch method of non-destructive strength testing

81.060.30 Tehnička keramika

Međunarodna normizacija
ISO

ISO 14627:2012
Fine ceramics (advanced ceramics, advanced
technical ceramics) – Test method for fracture
resistance of silicon nitride materials for rolling bearing
balls at room temperature by indentation fracture (IF)
method

ISO 14628:2012
Fine ceramics (advanced ceramics, advanced
technical ceramics) – Test method for rolling contact
fatigue of silicon nitride ceramics at room temperature
by balls-on-flat method

81.080 Vatrostalni materijali

Međunarodna normizacija
ISO

ISO 1927-1:2012
Monolithic (unshaped) refractory products – Part 1:
Introduction and classification

83.040.10 Lateks i sirova guma

Međunarodna normizacija
ISO

ISO 21461:2012
Rubber – Determination of the aromaticity of oil in
vulcanized rubber compounds

83.040.20 Sastojci gume

Međunarodna normizacija
ISO

ISO 4652:2012
Rubber compounding ingredients – Carbon black –
Determination of specific surface area by nitrogen
adsorption methods – Single-point procedures

83.060 Guma

Međunarodna normizacija
ISO

ISO 3387:2012
Rubber – Determination of crystallization effects by
hardness measurements

ISO 9924-2:2000/Amd 1:2012
Rubber and rubber products – Determination of the
composition of vulcanizates and uncured compounds
by thermogravimetry – Part 2: Acrylonitrile-butadiene
and halobutyl rubbers

ISO 18898:2012
Rubber – Calibration and verification of hardness
testers

ISO 27588:2012
Rubber, vulcanized or thermoplastic – Determination
of dead-load hardness using the very low rubber
hardness (VLRH) scale

83.080.01 Plastika općenito

Međunarodna normizacija

ISO

- ISO 1628-1:2009/Amd 1:2012
Plastics – Determination of the viscosity of polymers in dilute solution using capillary viscometers – Part 1: General principles; Amendment 1
- ISO 16014-1:2012
Plastics – Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography – Part 1: General principles
- ISO 16014-2:2012
Plastics – Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography – Part 2: Universal calibration method
- ISO 16014-3:2012
Plastics – Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography – Part 3: Low-temperature method
- ISO 16014-4:2012
Plastics – Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography – Part 4: High-temperature method
- ISO 16014-5:2012
Plastics – Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography – Part 5: Method using light-scattering detection

Europska normizacija

CEN

- EN ISO 1628-1:2009/A1:2012
Plastics – Determination of the viscosity of polymers in dilute solution using capillary viscometers – Part 1: General principles – Amendment 1 (ISO 1628-1:2009/Amd 1:2012)
- EN ISO 16014-5:2012
Plastics – Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography – Part 5: Method using light-scattering detection (ISO 16014-5:2012)

83.080.10 Duromerni materijali

Međunarodna normizacija

ISO

- ISO 3673-2:2012
Plastics – Epoxy resins – Part 2: Preparation of test specimens and determination of properties of crosslinked epoxy resins
- ISO 14322:2012
Plastics – Epoxy resins – Determination of degree of crosslinking of crosslinked epoxy resins by differential scanning calorimetry

Europska normizacija

CEN

- EN ISO 3673-2:2012
Plastics – Epoxy resins – Part 2: Preparation of test specimens and determination of properties of crosslinked epoxy resins (ISO 3673-2:2012)

83.140.10 Filmovi i ploče

Međunarodna normizacija

ISO

- ISO 11833-1:2012
Plastics – Unplasticized poly(vinyl chloride) sheets – Types, dimensions and characteristics – Part 1: Sheets of thickness not less than 1 mm

Europska normizacija

CEN

- EN ISO 11833-1:2012
Plastics – Unplasticized poly(vinyl chloride) sheets – Types, dimensions and characteristics – Part 1: Sheets of thickness not less than 1 mm (ISO 11833-1:2012)

83.140.50 Brtve

Međunarodna normizacija

ISO

- ISO 3601-1:2012/Cor 1:2012
Fluid power systems – O-rings – Part 1: Inside diameters, cross-sections, tolerances and designation codes

83.140.99 Ostali gumeni i plastični proizvodi

Međunarodna normizacija

ISO

- ISO 11193-1:2008/Amd 1:2012
Single-use medical examination gloves – Part 1: Specification for gloves made from rubber latex or rubber solution

83.160.01 Gume za vozila općenito

Međunarodna normizacija

ISO

- ISO/TR 16377:2012
Further clarification of ISO 28580

83.180 Adhezivi

Europska normizacija

CEN

- EN 12004:2007+A1:2012
Adhesives for tiles – Requirements, evaluation of conformity, classification and designation

85.060 Papir i karton

Međunarodna normizacija

ISO

- ISO 536:2012
Paper and board – Determination of grammage

Europska normizacija

CEN

- EN ISO 536:2012
Paper and board – Determination of grammage (ISO 536:2012)

87.040 Boje i lakovi

Međunarodna normizacija

ISO

- ISO 2812-3:2012
Paints and varnishes – Determination of resistance to liquids – Part 3: Method using an absorbent medium
- ISO 9117-6:2012
Paints and varnishes – Drying tests – Part 6: Print-free test
- ISO 13076:2012
Paints and varnishes – Lighting and procedure for visual assessments of coatings
- ISO 15181-6:2012
Paints and varnishes – Determination of release rate of biocides from antifouling paints – Part 6: Determination of tralopyril release rate by quantitation of its degradation product in the extract

Europska normizacija

CEN

- EN ISO 2812-3:2012
Paints and varnishes – Determination of resistance to liquids – Part 3: Method using an absorbent medium (ISO 2812-3:2012)
- EN ISO 9117-6:2012
Paints and varnishes – Drying tests – Part 6: Print-free test (ISO 9117-6:2012)
- EN ISO 13076:2012
Paints and varnishes – Lighting and procedure for visual assessments of coatings (ISO 13076:2012)

87.060.20 Veziva

Međunarodna normizacija

ISO

- ISO 13632:2012
Binders for paints and varnishes – Rosin – Sampling and sample preparation for colour measurement

Europska normizacija

CEN

- EN ISO 13632:2012
Binders for paints and varnishes – Rosin – Sampling and sample preparation for colour measurement (ISO 13632:2012)

91.040.01 Građevine općenito

Međunarodna normizacija

ISO

- ISO 15686-2:2012
Buildings and constructed assets – Service life planning – Part 2: Service life prediction procedures

91.060.10 Zidovi. Pregrade. Pročelja

Europska normizacija

CEN

- EN 14992:2007+A1:2012
Precast concrete products – Wall elements

91.060.30 Stropovi. Podovi. Stubišta

Europska normizacija

CEN

- EN 15254-7:2012
Extended application of results from fire resistance tests – Non-loadbearing ceilings – Part 7: Metal sandwich panel construction

91.060.50 Vrata i prozori

Međunarodna normizacija

ISO

- ISO 10077-2:2012/Cor 1:2012
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 2: Numerical method for frames

91.100.10 Cement. Gips. Vapno. Mort

Europska normizacija

CEN

- EN 12004:2007+A1:2012
Adhesives for tiles – Requirements, evaluation of conformity, classification and designation

91.100.50 Veziva. Materijali za brtvljenje

Međunarodna normizacija

ISO

- ISO 6927:2012
Buildings and civil engineering works – Sealants – Vocabulary

Europska normizacija

CEN

- EN 13583:2012
Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Determination of hail resistance
- EN ISO 6927:2012
Buildings and civil engineering works – Sealants – Vocabulary (ISO 6927:2012)

91.120.10 Toplinska izolacija

Međunarodna normizacija

ISO

- ISO 10077-2:2012/Cor 1:2012
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 2: Numerical method for frames
- ISO 18393-1:2012
Thermal insulation products – Determination of ageing by settlement – Part 1: Blown loose-fill insulation for ventilated attics

91.140.10 Sustavi centralnoga grijanja

Europska normizacija

CEN

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 15502-1:2012

Gas-fired heating boilers – Part 1: General requirements and tests

91.140.40 Sustavi opskrbe plinom

Europska normizacija

CEN

CEN/TR 13737-1:2012

Implementation Guide for functional standards prepared by CEN/TC 234, Gas infrastructure – Part 1: General

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija

CENELEC

CLC/TR 50579:2012

Electricity metering equipment (a.c.) – Severity levels, immunity requirements and test methods for conducted disturbances in the frequency range 2 kHz – 150 kHz

91.140.70 Sanitarne instalacije

Europska normizacija

CEN

EN 997:2012/AC:2012

WC pans and WC suites with integral trap

91.220 Građevinska oprema

Međunarodna normizacija

ISO

ISO 19432:2012

Building construction machinery and equipment – Portable, hand-held, internal combustion engine driven cut-off machines – Safety requirements

Europska normizacija

CEN

EN 16031:2012

Adjustable telescopic aluminium props – Product specifications, design and assessment by calculation and tests

EN ISO 19432:2012

Building construction machinery and equipment – Portable, hand-held, internal combustion engine driven cut-off machines – Safety requirements (ISO 19432:2012)

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Međunarodna normizacija

ISO

ISO 22282-1:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 1: General rules

ISO 22282-2:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 2: Water permeability tests in a borehole using open systems

ISO 22282-3:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 3: Water pressure tests in rock

ISO 22282-4:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 4: Pumping tests

ISO 22282-5:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 5: Infiltrometer tests

ISO 22282-6:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 6: Water permeability tests in a borehole using closed systems

Europska normizacija

CEN

EN ISO 22282-1:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 1: General rules (ISO 22282-1:2012)

EN ISO 22282-2:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 2: Water permeability tests in a borehole using open systems (ISO 22282-2:2012)

EN ISO 22282-3:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 3: Water pressure tests in rock (ISO 22282-3:2012)

EN ISO 22282-4:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 4: Pumping tests (ISO 22282-4:2012)

EN ISO 22282-5:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 5: Infiltrometer tests (ISO 22282-5:2012)

EN ISO 22282-6:2012

Geotechnical investigation and testing – Geohydraulic testing – Part 6: Water permeability tests in a borehole using closed systems (ISO 22282-6:2012)

93.080.10 Gradnja cesta

Međunarodna normizacija

ISO

ISO 15643:2002/Amd 1:2012

Road construction and maintenance equipment – Bituminous binder spreaders/sprayers – Terminology and commercial specifications

93.080.20 Materijali za gradnju cesta

Europska normizacija

CEN

EN 12697-1:2012

Bituminous mixtures – Test methods for hot mix asphalt – Part 1: Soluble binder content

97.030 Kućanski električni uređaji općenito

Međunarodna normizacija IEC

IEC 60734:2012
Household electrical appliances – Performance –
Water for testing

97.040.10 Kućanski namještaj

Međunarodna normizacija IEC

IEC/PAS 60704-2-15:2008/Corr.1:2012
Household and similar electrical appliances – Test code
for the determination of airborne acoustical noise –
Part 2-15: Particular requirements for household food
waste disposers

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija ISO

IWA 11:2012
Guidelines for evaluating cookstove performance

Europska normizacija CENELEC

EN 60335-2-6:2003/A11:2010/AC:2012
Household and similar electrical appliances – Safety –
Part 2-6: Particular requirements for stationary cooking
ranges, hobs, ovens and similar appliances
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

97.040.30 Kućanski rashladni uređaji

Međunarodna normizacija IEC

IEC 60335-2-89:2010/am1:2012
Household and similar electrical appliances – Safety
– Part 2-89: Particular requirements for commercial
refrigerating appliances with an incorporated or remote
refrigerant unit or compressor; Amendment 1
IEC 60335-2-89 Edition 2.1:2012
Household and similar electrical appliances – Safety
– Part 2-89: Particular requirements for commercial
refrigerating appliances with an incorporated or remote
refrigerant unit or compressor

97.060 Praonički uređaji

Europska normizacija CENELEC

EN 60335-2-3:2002/A11:2010/AC:2012
Household and similar electrical appliances – Safety
– Part 2-3: Particular requirements for electric irons

97.140 Namještaj

Europska normizacija CEN

EN 1728:2012
Furniture – Seating – Test methods for the determination
of strength and durability
EN 16122:2012
Domestic and non-domestic storage furniture – Test
methods for the determination of strength, durability
and stability

97.150 Netekstilni podni prekrivači

Međunarodna normizacija ISO

ISO 14486:2012
Laminate floor coverings – Specification

97.170 Oprema za njegu tijela

Europska normizacija CENELEC

EN 60335-2-23:2003/A11:2010/AC:2012
Household and similar electrical appliances – Safety
– Part 2-23: Particular requirements for appliances for
skin or hair care
EN 60335-2-52:2003/A11:2010/AC:2012
Household and similar electrical appliances – Safety
– Part 2-52: Particular requirements for oral hygiene
appliances

97.200.10 Oprema za kazalište, scenu i studio

Međunarodna normizacija ISO

ISO 20121:2012
Event sustainability management systems –
Requirements with guidance for use

97.200.50 Igračke

Međunarodna normizacija ISO

ISO 8124-4:2010/Amd 1:2012
Safety of toys – Part 4: Swings, slides and similar
activity toys for indoor and outdoor family domestic
use – Amendment 1: Inflatable activity toys

97.220.20 Oprema za zimske sportove

Međunarodna normizacija ISO

ISO 9465:2012
Alpine ski-bindings – Lateral release under impact
loading – Test method