

Hrvatski zavod za norme

Oglasnik za normativne dokumente

3/2011 lipanj, 2011.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

A36

3 Popis radnih dokumenata Codex Alimentarius

4 Obavijesti HZN-a

4.1	Cjenik hrvatskih norma	
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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 ISO 302:2011 en pr
Pulpe – Određivanje Kappa broja (ISO 302:2004)
Pulps – Determination of Kappa number (ISO 302:2004)
- HRN ISO 777:2011 en pr
Papir, karton i pulpe – Određivanje kalcija topljivog u kiselini (ISO 777:2005)
Paper, board and pulp – Determination of acid-soluble calcium (ISO 777:2005)
- HRN ISO 778:2011 en pr
Papir, karton i pulpe – Određivanje bakra topljivog u kiselini (ISO 778:2005)
Paper, board and pulp – Determination of acid-soluble copper (ISO 778:2005)
- HRN ISO 779:2011 en pr
Papir, karton i pulpe – Određivanje željeza topljivog u kiselini (ISO 779:2005)
Paper, board and pulp – Determination of acid-soluble iron (ISO 779:2005)
- HRN ISO 1762:2011 en pr
Papir, karton i pulpe – Određivanje ostatka (pepela) žarenjem na 525 °C (ISO 1762:2001)
Paper, board and pulps – Determination of residue (ash) on ignition at 525 °C (ISO 1762:2001)
- HRN ISO 1830:2011 en pr
Papir, karton i pulpe – Određivanje mangana topljivog u kiselini (ISO 1830:2005)
Paper, board and pulps – Determination of acid-soluble manganese (ISO 1830:2005)
- HRN ISO 2469:2011 en pr
Papir, karton i pulpe – Mjerenje faktora sjajnosti difuznog svjetla (ISO 2469:2007)
Paper, board and pulps – Measurement of diffuse radiance factor (ISO 2469:2007)
- HRN ISO 2470-1:2011 en pr
Papir, karton i pulpa – Mjerenje faktora refleksije difuznoga plavog svjetla – 1. dio: Uvjeti pri unutrašnjem dnevnom svjetlu (ISO svjetlina) (ISO 2470-1:2009)
Paper, board and pulps – Measurement of diffuse blue reflectance factor – Part 1: Indoor daylight conditions (ISO brightness) (ISO 2470-1:2009)
- HRN ISO 2471:2011 en pr
Papir i karton – Određivanje neprozirnosti (podlaganjem papira) – Metoda difuzne refleksije (ISO 2471:2008)
Paper and board – Determination of opacity (paper backing) – Diffuse reflectance method (ISO 2471:2008)
- HRN ISO 3039:2011 en pr
Valoviti karton – Određivanje gramature komponenata nakon razdvajanja (ISO 3039:2010)
Corrugated fibreboard – Determination of grammage of the component papers after separation (ISO 3039:2010)

- HRN ISO 3783:2011 en pr
Papir i karton – Određivanje otpora na čupanje – Metoda povećanja brzine uporabom IGT-tip uređaja (električni model) (ISO 3783:2006)
Paper and board – Determination of resistance to picking – Accelerated speed method using the IGT-type tester (electric model) (ISO 3783:2006)
- HRN ISO 5350-3:2011 en pr
Pulpe – Procjena nečistoća i nerazvlakljenoga dijela – 3. dio: Metoda vizualne provjere u ekvivalentnom crnom području (EBA) s reflektirajućim svjetlom (ISO 5350-3:2007)
Pulps – Estimation of dirt and shives – Part 3: Visual inspection by reflected light using Equivalent Black Area (EBA) method (ISO 5350-3:2007)
- HRN ISO 5350-4:2011 en pr
Pulpe – Procjena nečistoća i nerazvlakljenoga dijela – 4. dio: Metoda instrumentalne provjere u ekvivalentnom crnom području (EBA) s reflektirajućim svjetlom (ISO 5350-4:2006)
Pulps – Estimation of dirt and shives – Part 4: Instrumental inspection by reflected light using Equivalent Black Area (EBA) method (ISO 5350-4:2006)
- HRN ISO 5351:2011 en pr
Pulpa – Određivanje graničnoga viskozitetnog broja u otopini bakar-etilendiamina (CED) (ISO 5351:2010)
Pulps – Determination of limiting viscosity number in cupri-ethylenediamine (CED) solution (ISO 5351:2010)
- HRN ISO 5631-1:2011 en pr
Papir i karton – Određivanje boje difuznom refleksijom – 1. dio: Uvjeti pri unutrašnjem dnevnom svjetlu (C/2 stupnja) (ISO 5631-1:2009)
Paper and board – Determination of colour by diffuse reflectance – Part 1: Indoor daylight conditions (C/2 degrees) (ISO 5631-1:2009)
- HRN ISO 5636-4:2011 en pr
Papir i karton – Određivanje propusnosti zraka (srednji opseg) – 4. dio: Scheffieldova metoda (ISO 5636-4:2005)
Paper and board – Determination of air permeance (medium range) – Part 4: Sheffield method (ISO 5636-4:2005)
- HRN ISO 5636-5:2011 en pr
Papir i karton – Određivanje propusnosti zraka (srednji opseg) – 5. dio: Gurleyeva metoda (ISO 5636-5:2003)
Paper and board – Determination of air permeance and air resistance (medium range) – Part 5: Gurley method (ISO 5636-5:2003)
- HRN ISO 6588-1:2011 en pr
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 1. dio: Hladna ekstrakcija (ISO 6588-1:2005)
Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction (ISO 6588-1:2005)
- HRN ISO 6588-2:2011 en pr
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 2. dio: Vruća ekstrakcija (ISO 6588-2:2005)
Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction (ISO 6588-2:2005)
- HRN ISO 8784-1:2011 en pr
Pulpa, papir i karton – Mikrobiološko ispitivanje – 1. dio: Ukupni broj bakterija, kvasaca i pljesni utemeljenih na raspadanju (ISO 8784-1:2005)
Pulp, paper and board – Microbiological examination – Part 1: Total count of bacteria, yeast and mould based on disintegration (ISO 8784-1:2005)

- HRN ISO 8791-3:2011 en pr
Papir i karton – Određivanje hrapavosti/glatkoće (metode propuštanja zraka) – 3. dio: Sheffieldova metoda (ISO 8791-3:2005)
Paper and board – Determination of roughness/smoothness (air leak methods) – Part 3: Sheffield method (ISO 8791-3:2005)
- HRN ISO 8791-4:2011 en pr
Papir i karton – Određivanje hrapavosti/glatkoće (metode propuštanja zraka) – 4. dio: Print-surf metoda (ISO 8791-4:2007)
Paper and board – Determination of roughness/smoothness (air leak methods) – Part 4: Print-surf method (ISO 8791-4:2007)
- HRN ISO 9197:2011 en pr
Papir, karton i pulpe – Određivanje vodotopljivih klorida (ISO 9197:2006)
Paper, board and pulps – Determination of water-soluble chlorides (ISO 9197:2006)
- HRN ISO 9416:2011 en pr
Papir – Određivanje rasipanja svjetlosti i koeficijenta apsorpcije (uporabom Kubelka-Munkove teorije) (ISO 9416:2009)
Paper – Determination of light scattering and absorption coefficients (using Kubelka-Munk theory) (ISO 9416:2009)
- HRN ISO 9895:2011 en pr
Papir i karton – Određivanje tlačne čvrstoće – Test kratkog raspona (ISO 9895:2008)
Paper and board – Compressive strength – Short-span test (ISO 9895:2008)
- HRN ISO 11093-5:2011 en pr
Papir i karton – Ispitivanje papirnih cijevi – 5. dio: Određivanje karakteristika koncentrične rotacije (ISO 11093-5:2009+Cor 1:2010)
Paper and board – Testing of cores – Part 5: Determination of characteristics of concentric rotation (ISO 11093-5:2009+Cor 1:2010)
- HRN ISO 11093-6:2011 en pr
Papir i karton – Ispitivanje papirnih cijevi – 6. dio: Određivanje čvrstoće na savijanje metodom s tri točke (ISO 11093-6:2005)
Paper and board – Testing of cores – Part 6: Determination of bending strength by the three-point method (ISO 11093-6:2005)
- HRN ISO 11093-9:2011 en pr
Papir i karton – Ispitivanje papirnih cijevi – 9. dio: Određivanje otpornosti na pritisak (ISO 11093-9:2006)
Paper and board – Testing of cores – Part 9: Determination of flat crush resistance (ISO 11093-9:2006)
- HRN ISO 11475:2011 en pr
Papir i karton – Određivanje CIE bjeline, D65/10° (na vanjskom dnevnom svjetlu) (ISO 11475:2004)
Paper and board – Determination of CIE whiteness, D65/10 degrees (outdoor daylight) (ISO 11475:2004)
- HRN ISO 11476:2011 en pr
Papir i karton – Određivanje CIE bjeline, C/2° (u uvjetima unutrašnje osvjetljenosti) (ISO 11476:2010)
Paper and board – Determination of CIE whiteness, C/2 degrees (indoor illumination conditions) (ISO 11476:2010)
- HRN ISO 11556:2011 en pr
Papir i karton – Određivanje nabranosti uporabom pojedinačnih, okomito obješenih uzoraka za ispitivanje (ISO 11556:2005)
Paper and board – Determination of curl using a single vertically suspended test piece (ISO 11556:2005)
- HRN ISO 13542:2011 en pr
Papir i karton – Specifikacija unutrašnjih promjera cijevi za namatanje (ISO 13542:2006)
Paper and board – Specification for internal diameters of cores for reels (ISO 13542:2006)
- HZN/TO 25, Ljevarstvo**
- HRN EN 10283:2011 en pr
Čelični odljevci otporni na koroziju (EN 10283:2010)
Corrosion resistant steel castings (EN 10283:2010)
- HZN/TO 28, Naftni proizvodi i maziva**
- HRN EN 15984:2011 en pr
Naftna industrija i proizvodi – Određivanje sastava rafinerijskih plinova za loženje i izračunavanje udjela ugljika i toplinske vrijednosti – Metoda plinske kromatografije (EN 15984:2011)
Petroleum industry and products – Determination of composition of refinery heating gas and calculation of carbon content and calorific value – Gas chromatography method (EN 15984:2011)
- HZN/TO 44, Zavarivanje i srodni postupci**
- HRN EN ISO 544:2011 en pr
Dodatni i potrošni materijali za zavarivanje – Tehnički uvjeti isporuke za dodatne materijale za zavarivanje – Vrsta proizvoda, dimenzije, dopuštena odstupanja i označavanje (ISO 544:2011; EN ISO 544:2011)
Welding consumables – Technical delivery conditions for filler materials and fluxes – Type of product, dimensions, tolerances and markings (ISO 544:2011; EN ISO 544:2011)
- HRN EN 13507:2011 en pr
Toplinsko naštrcavanje – Priprema površina metalnih dijelova i komponenata za toplinsko naštrcavanje (EN 13507:2010)
Thermal spraying – Pre-treatment of surfaces of metallic parts and components for thermal spraying (EN 13507:2010)
- HZN/TO 89, Furniri i drvene ploče**
- HRN EN 320:2011 en pr
Ploče iverice i ploče vlaknate – Određivanje otpora pri okomitom vađenju vijaka (EN 320:2011)
Particleboards and fibreboards – Determination of resistance to axial withdrawal of screws (EN 320:2011)
- HRN EN 13353:2011 en pr
Ploče iz masivnog drva (SWP) – Zahtjevi (EN 13353:2008+A1:2011)
Solid wood panels (SWP) – Requirements (EN 13353:2008+A1:2011)
- HZN/TO 108, Mehaničke vibracije i udari**
- HRN EN ISO 28927-10:2011 en pr
Ručni prijenosni strojni alati – Metode ispitivanja za vrednovanje emisije vibracije – 10. dio: Udarne bušilice, čekići i lomilice (ISO 28927-10:2011; EN ISO 28927-10:2011)
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 10: Percussive drills, hammers and breakers (ISO 28927-10:2011; EN ISO 28927-10:2011)
- HRN EN ISO 28927-11:2011 en pr
Ručni prijenosni strojni alati – Metode ispitivanja za vrednovanje emisije vibracije – 11. dio: Čekići za kamen (ISO 28927-11:2011; EN ISO 28927-11:2011)
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 11: Stone hammers (ISO 28927-11:2011; EN ISO 28927-11:2011)

HZN/TO 120, *Koža i obuća*

- HRN EN ISO 10748:2011 en pr
Obuća – Metoda za ispitivanje patentnih zatvarača – Čvrstoća zaustavljanja ključa (ISO 10748:2011; EN ISO 10748:2011)
Footwear – Test method for slide fasteners – Slider locking strength (ISO 10748:2011; EN ISO 10748:2011)
- HRN EN 15987:2011 en pr
Koža – Nazivlje – Ključne definicije za trgovinu kožom (EN 15987:2011)
Leather – Terminology – Key definitions for the leather trade (EN 15987:2011)

HZN/TO 121, *Anestetička i respiracijska oprema*

- HRN EN ISO 5364:2011 en pr
Anestetička i respiracijska oprema – Osigurači zračnog puta za usta i ždrijelo (ISO 5364:2008; EN ISO 5364:2011)
Anaesthetic and respiratory equipment – Oropharyngeal airways (ISO 5364:2008; EN ISO 5364:2011)
- HRN EN 13976-1:2011 en pr
Sustavi za spašavanje – Transport inkubatora – 1. dio: Uvjeti povezivanja (EN 13976-1:2011)
Rescue systems – Transportation of incubators – Part 1: Interface conditions (EN 13976-1:2011)
- HRN EN 13976-2:2011 en pr
Sustavi za spašavanje – Transport inkubatora – 2. dio: Zahtjevi za sustav (EN 13976-2:2011)
Rescue systems – Transportation of incubators – Part 2: System requirements (EN 13976-2:2011)
- HRN EN ISO 80601-2-12:2011 en pr
Medicinski električni uređaji – Dio 2-12: Posebni zahtjevi za osnovnu sigurnost i nužne značajke opreme za pojačanu zaštitu ventilatora (ISO 80601-2-12:2011; EN ISO 80601-2-12:2011)
Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO 80601-2-12:2011; EN ISO 80601-2-12:2011)
- HRN EN ISO 80601-2-61:2011 en pr
Medicinski električni uređaji – Dio 2-61: Posebni zahtjevi za osnovnu sigurnost i nužne značajke uređaja puls oximetra (ISO 80601-2-61:2011; EN ISO 80601-2-61:2011)
Medical electrical equipment – Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment (ISO 80601-2-61:2011; EN ISO 80601-2-61:2011)

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

- HRN EN 1555-4:2011 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 4. dio: Ventili (EN 1555-4:2011)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 4: Valves (EN 1555-4:2011)
- HRN EN ISO 11296-1:2011 en pr
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 1. dio: Općenito (ISO 11296-1:2009; EN ISO 11296-1:2011)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 1: General (ISO 11296-1:2009; EN ISO 11296-1:2011)
- HRN EN ISO 11296-3:2011 en pr
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 3. dio: Oblaganje prijanjajućim cijevima (ISO 11296-3:2009+Cor 1:2011; EN ISO 11296-3:2011)

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes (ISO 11296-3:2009+Cor 1:2011; EN ISO 11296-3:2011)

- HRN EN ISO 11296-4:2011 en pr
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 4. dio: Oblaganje nanošenjem strukturiranih duromernih slojeva na terenu (ISO 11296-4:2009, ispravljena verzija 2010-06-01; EN ISO 11296-4:2011)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 4: Lining with cured-in-place pipes (ISO 11296-4:2009, corrected version 2010-06-01; EN ISO 11296-4:2011)
- HRN EN ISO 11298-1:2011 en pr
Plastični cijevni sustavi za obnavljanje podzemnih vodovodnih distribucijskih mreža – 1. dio: Općenito (ISO 11298-1:2010; EN ISO 11298-1:2011)
Plastics piping systems for renovation of underground water supply networks – Part 1: General (ISO 11298-1:2010; EN ISO 11298-1:2011)
- HRN EN ISO 11298-3:2011 en pr
Plastični cijevni sustavi za obnavljanje podzemnih vodovodnih distribucijskih mreža – 3. dio: Oblaganje prijanjajućim cijevima (ISO 11298-3:2010; EN ISO 11298-3:2011)
Plastics piping systems for renovation of underground water supply networks – Part 3: Lining with close-fit pipes (ISO 11298-3:2010; EN ISO 11298-3:2011)
- HRN EN ISO 21003-2:2008/A1:2011 en pr
Višeslojni cijevni sustavi za instalacije s toplom i hladnom vodom u zgradama – 2. dio: Cijevi – Amandman 1 (ISO 21003-2:2008/Amd 1:2011; EN ISO 21003-2:2008/A1:2011)
Multilayer piping systems for hot and cold water installations inside buildings – Part 2: Pipes – Amendment 1 (ISO 21003-2:2008/Amd 1:2011; EN ISO 21003-2:2008/A1:2011)

HZN/TO 146, *Kvaliteta zraka*

- HRN ISO 4226:2011 hr pp
Kvaliteta zraka – Opći aspekti – Mjerne jedinice (ISO 4226:2007)
Air quality – General aspects – Units of measurement (ISO 4226:2007)
- HRN EN 15980:2011 en pr
Air quality – Determination of the deposition of benz[a]anthracene, benzo[b]fluoranthene, benzo[*a*]fluoranthene, benzo[k]fluoranthene, benzo[*a*]pyrene, dibenz[*a,h*]anthracene and indeno[1,2,3-*cd*]pyrene (EN 15980:2011)
- HRS CEN/TS 16115:2011 en pr
Kvaliteta vanjskog zraka – Mjerenje bioaerosola – 1. dio: Određivanje plijesni u kulturama uzorka dobivenih filtracijom (CEN/TS 16115-1:2011)
Ambient air quality – Measurement of bioaerosols – Part 1: Determination of moulds using filter sampling systems and culture-based analyses (CEN/TS 16115-1:2011)
- HRN EN ISO 25139:2011 en pr
Emisije iz stacionarnih izvora – Ručna metoda za određivanje koncentracije metana uporabom plinske kromatografije (ISO 25139:2011; EN ISO 25139:2011)
Stationary source emissions – Manual method for the determination of the methane concentration using gas chromatography (ISO 25139:2011; EN ISO 25139:2011)

HZN/TO 181, Sigurnost igračkaka i proizvodi za djecu

- HRN EN 71-1:2011 en pr
Sigurnost igračkaka – 1. dio: Mehanička i fizikalna svojstva (EN 71-1:2011)
Safety of toys – Part 1: Mechanical and physical properties (EN 71-1:2011)

HZN/TO 211, Geoinformacije/Geomatika

- HRN EN ISO 19119:2008/A1:2011 en pr
Geoinformacije – Usluge – Amandman 1: Proširenja modela metapodataka za usluge (ISO 19119:2005/Amd 1:2008; EN ISO 19119:2006/A1:2011)
Geographic information – Services – Amendment 1: Extensions of the service metadata model (ISO 19119:2005/Amd 1:2008; EN ISO 19119:2006/A1:2011)
- HRS CEN ISO/TS 19139:2011 en pr
Geoinformacije – Metapodaci – Implementacija XML sheme (ISO/TS 19139:2007; CEN ISO/TS 19139:2009)
Geographic information – Metadata – XML schema implementation (ISO/TS 19139:2007; CEN ISO/TS 19139:2009)

HZN/TO 217, Kozmetika

- HRN EN ISO 29621:2011 en pr
Kozmetika – Mikrobiologija – Smjernice za procjenu rizika i identifikaciju proizvoda niskoga mikrobiološkog rizika (ISO 29621:2010; EN ISO 29621:2011)
Cosmetics – Microbiology – Guidelines for the risk assessment and identification of microbiologically low-risk products (ISO 29621:2010; EN ISO 29621:2011)

HZN/TO 503, Metalni materijali

- HRN EN ISO 6892-2:2011 en pr
Metalni materijali – Vlačno ispitivanje – 2. dio: Metoda ispitivanja pri povišenoj temperaturi (ISO 6892-2:2011; EN ISO 6892-2:2011)
Metallic materials – Tensile testing – Part 2: Method of test at elevated temperature (ISO 6892-2:2011; EN ISO 6892-2:2011)
- HRN EN ISO 8994:2011 en pr
Anodna obrada aluminija i aluminijevih legura – Sustav ocjenjivanja za vrednovanje rupičaste korozije – Metoda iscrtavanjem mreže (ISO 8994:2011; EN ISO 8994:2011)
Anodizing of aluminium and its alloys – Rating system for the evaluation of pitting corrosion – Grid method (ISO 8994:2011; EN ISO 8994:2011)

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

- HRN EN ISO 10407-2:2011 en pr
Petroleum and natural gas industries – Rotary drilling equipment – Part 2: Inspection and classification of used drill stem elements (ISO 10407-2:2008+Cor 1:2009; EN ISO 10407-2:2008+AC:2009)
- HRN EN ISO 11961:2011 en pr
Petroleum and natural gas industries – Steel drill pipe (ISO 11961:2008+Cor 1:2009; EN ISO 11961:2008+AC:2009)
- HRN EN ISO 13628-1:2008/A1:2011 en pr
Industrija nafte i prirodnog plina – Projektiranje i rad podmorskih proizvodnih sustava – 1. dio: Opći zahtjevi i upute – Amandman 1: Promijenjena točka 6 (ISO 13628-1:2005/Amd 1:2010; EN ISO 13628-1:2005/A1:2010)

Petroleum and natural gas industries – Design and operation of subsea production systems – Part 1: General requirements and recommendations – Amendment 1: Revised Clause 6 (ISO 13628-1:2005/Amd 1:2010; EN ISO 13628-1:2005/A1:2010)

- HRN EN ISO 21457:2011 en pr
Petroleum, petrochemical and natural gas industries – Materials selection and corrosion control for oil and gas production systems (ISO 21457:2010; EN ISO 21457:2010)
- HRN EN ISO 25457:2011 en pr
Petroleum, petrochemical and natural gas industries – Flare details for general refinery and petrochemical service (ISO 25457:2008; EN ISO 25457:2008)
- HRN EN ISO 28781:2011 en pr
Petroleum and natural gas industries – Drilling and production equipment – Subsurface barrier valves and related equipment (ISO 28781:2010; EN ISO 28781:2010)

HZN/TO 509, Cestovna oprema

- HRN EN 1317-1:2011 en pr
Zaštitni cestovni sustavi – 1. dio: Nazivlje i opći kriteriji za metode ispitivanja (EN 1317-1:2010)
Road restraint systems – Part 1: Terminology and general criteria for test methods (EN 1317-1:2010)
- HRN EN 1317-2:2011 en pr
Zaštitni cestovni sustavi – 2. dio: Razredi izvedbe, ispitivanja sudara prema kriterijima prihvatljivosti i metode ispitivanja sigurnosnih ograda uključujući ograde za vozila (EN 1317-2:2010)
Road restraint systems – Part 2: Performance classes, impact test acceptance criteria and test methods for safety barriers including vehicle parapets (EN 1317-2:2010)
- HRN EN 1317-3:2011 en pr
Zaštitni cestovni sustavi – 3. dio: Razredi izvedbe, ispitivanja sudara prema kriterijima prihvatljivosti i metode ispitivanja sigurnosnih jastuka (EN 1317-3:2010)
Road restraint systems – Part 3: Performance classes, impact test acceptance criteria and test methods for crash cushions (EN 1317-3:2010)
- HRN EN 1794-1:2011 en pr
Barijere za zaštitu od buke s cesta – Neakustična svojstva – 1. dio: Mehanička svojstva i zahtjevi za stabilnost (EN 1794-1:2011)
Road traffic noise reducing devices – Non-acoustic performance – Part 1: Mechanical performance and stability requirements (EN 1794-1:2011)
- HRN EN 1794-2:2011 en pr
Barijere za zaštitu od buke s cesta – Neakustična svojstva – 2. dio: Osnovni sigurnosni zahtjevi i zahtjevi za okoliš (EN 1794-2:2011)
Road traffic noise reducing devices – Non-acoustic performance – Part 2: General safety and environmental requirements (EN 1794-2:2011)

HZN/TO 519, Adhezivi

- HRN EN 1464:2011 en pr
Adhezivi – Određivanje otpornosti na raslojavanje adhezivnih vezova – Metoda plutajućeg valjka (EN 1464:2010)
Adhesives – Determination of peel resistance of adhesive bonds – Floating roller method (EN 1464:2010)
- HRN EN 14022:2011 en pr
Strukturalni (konstrukcijski) adhezivi – Određivanje radnog vremena (pot life) višekomponentnih adheziva (EN 14022:2010)
Structural Adhesives – Determination of the pot life (working life) of multi-component adhesives (EN 14022:2010)

HRN EN 14294:2011 en pr
Adhezivi za kožu i materijale za obuću – Priprema uzoraka slijepjenih spojeva postupkom prešanja (EN 14294:2010)
Adhesives for leather and footwear materials – Preparation of bonded test pieces by moulding-on processes (EN 14294:2010)

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

HRN EN ISO 5667-13:2011 en pr
Kvaliteta vode – Uzorkovanje – 13. dio: Upute za uzorkovanje mulja (ISO 5667-13:2011; EN ISO 5667-13:2011)
Water quality – Sampling – Part 13: Guidance on sampling of sludges (ISO 5667-13:2011; EN ISO 5667-13:2011)

HRN EN 13965-2:2011 en pr
Karakterizacija otpada – Nazivlje – 2. dio: Upravljanje srodnim nazivima i definicijama (EN 13965-2:2010)
Characterization of waste – Terminology – Part 2: Management related terms and definitions (EN 13965-2:2010)

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

HRN EN 12311-2:2011 en pr
Savitljive hidroizolacijske trake – Određivanje vlačnih svojstava – 2. dio: Plastične i elastomerne hidroizolacijske trake za krovove (EN 12311-2:2010)
Flexible sheets for waterproofing – Determination of tensile properties – Part 2: Plastic and rubber sheets for roof waterproofing (EN 12311-2:2010)

HRN EN 12317-2:2011 en pr
Savitljive hidroizolacijske trake – Određivanje posmične otpornosti spojeva – 2. dio: Plastične i elastomerne hidroizolacijske trake (EN 12317-2:2010)
Flexible sheets for waterproofing – Determination of shear resistance of joints – Part 2: Plastic and rubber sheets for roof waterproofing (EN 12317-2:2010)

HZN/TO 526, Bitumenska veziva

HRN EN 12846-1:2011 en pr
Bitumen i bitumenska veziva – Određivanje vremena istjecanja viskozimetrom za istjecanje – 1. dio: Bitumenske emulzije (EN 12846-1:2011)
Bitumen and bituminous binders – Determination of efflux time by the efflux viscometer – Part 1: Bituminous emulsions (EN 12846-1:2011)

HRN EN 12846-2:2011 en pr
Bitumen i bitumenska veziva – Određivanje vremena istjecanja viskozimetrom za istjecanje – 2. dio: Razrijeđena i omekšana bitumenska veziva (EN 12846-2:2011)
Bitumen and bituminous binders – Determination of efflux time by the efflux viscometer – Part 2: Cut-back and fluxed bituminous binders (EN 12846-2:2011)

HRN EN 13614:2011 en pr
Bitumen i bitumenska veziva – Određivanje prionljivosti bitumenskih emulzija postupkom uranjanja u vodu (EN 13614:2011)
Bitumen and bituminous binders – Determination of adhesivity of bituminous emulsions by water immersion test (EN 13614:2011)

HZN/TO 528, Oprema za željeznice

HRN EN 12080:2011 en pr
Oprema za željeznice – Osovinska ležišta – Kotrljajući ležajevi (EN 12080:2007+A1:2010)
Railway applications – Axleboxes – Rolling bearings (EN 12080:2007+A1:2010)

HRN EN 12081:2011 en pr
Oprema za željeznice – Osovinska ležišta – Sredstva za podmazivanje (EN 12081:2007+A1:2010)
Railway applications – Axleboxes – Lubricating greases (EN 12081:2007+A1:2010)

HRN EN 12082:2011 en pr
Oprema za željeznice – Osovinska ležišta – Ispitivanje radnih značajki (EN 12082:2007+A1:2010)
Railway applications – Axleboxes – Performance testing (EN 12082:2007+A1:2010)

HRN EN 13103:2011 en pr
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)

HRN EN 13104:2011 en pr
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Pogonske osovine – Metode konstruiranja (EN 13104:2009+A1:2010)
Railway applications – Wheelsets and bogies – Powered axles – Design method (EN 13104:2009+A1:2010)

HRN EN 13260:2011 en pr
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Osovinski sklopovi – Zahtjevi za proizvod (EN 13260:2009+A1:2010)
Railway applications – Wheelsets and bogies – Wheelsets – Product requirements (EN 13260:2009+A1:2010)

HRN EN 13261:2011 en pr
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Osovine – Zahtjevi za proizvod (EN 13261:2009+A1:2010)
Railway applications – Wheelsets and bogies – Axles – Product requirements (EN 13261:2009+A1:2010)

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

HRN EN 13715:2011 en pr
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Kotači – Profil kotača (EN 13715:2006+A1:2010)
Railway applications – Wheelsets and bogies – Wheels – Tread profile (EN 13715:2006+A1:2010)

HRN EN 13749:2011 en pr
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Metode definiranja zahtjeva za oblikovanje okvira okretnih postolja (EN 13749:2011)
Railway applications – Wheelsets and bogies – Method of specifying the structural requirements of bogie frames (EN 13749:2011)

HRN EN 13803-1:2011 en pr
Oprema za željeznice – Željeznički gornji ustroj – Parametri za projektiranje geometrije kolosijeka – Širine kolosijeka 1435 mm i više – 1. dio: Otvorena pruga (EN 13803-1:2010)
Railway applications – Track – Track alignment design parameters – Track gauges 1435 mm and wider – Part 1: Plain line (EN 13803-1:2010)

HRN EN 13848-5:2011 en pr
Oprema za željeznice – Željeznički gornji ustroj – Kvaliteta kolosiječne geometrije – 5. dio: Razine kvalitete kolosiječne geometrije (EN 13848-5:2008+A1:2010)
Railway applications – Track – Track geometry quality – Part 5: Geometric quality levels – Plain line (EN 13848-5:2008+A1:2010)

HRN EN 13977:2011 en pr
Oprema za željeznice – Željeznički gornji ustroj – Sigurnosni zahtjevi za prijenosne strojeve i tračnička kolica za izgradnju i održavanje pruga (EN 13977:2011)

- Railway applications – Track – Safety requirements for portable machines and trolleys for construction and maintenance (EN 13977:2011)
- HRN EN 14033-1:2011 en pr
Oprema za željeznice – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 1. dio: Tehnički zahtjevi za vožnju (EN 14033-1:2011)
Railway applications – Track – Railbound construction and maintenance machines – Part 1: Technical requirements for running (EN 14033-1:2011)
- HRN EN 14067-5:2011 en pr
Oprema za željeznice – Aerodinamika – 5. dio: Zahtjevi i ispitni postupci za aerodinamiku u tunelima (EN 14067-5:2006+A1:2010)
Railway applications – Aerodynamics – Part 5: Requirements and test procedures for aerodynamics in tunnels (EN 14067-5:2006+A1:2010)
- HRN EN 14813-1:2011 en pr
Oprema za željeznice – Klimatizacija upravljačnica – 1. dio: Parametri udobnosti (EN 14813-1:2006+A1:2010)
Railway applications – Air conditioning for driving cabs – Part 1: Comfort parameters (EN 14813-1:2006+A1:2010)
- HRN EN 14813-2:2011 en pr
Oprema za željeznice – Klimatizacija upravljačnica – 2. dio: Tipna ispitivanja (EN 14813-2:2006+A1:2010)
Railway applications – Air conditioning for driving cabs – Part 2: Type tests (EN 14813-2:2006+A1:2010)
- HRN EN 14865-1:2011 en pr
Oprema za željeznice – Maziva za kućišta ležaja – 1. dio: Metoda ispitivanja podmazivosti (EN 14865-1:2009+A1:2010)
Railway applications – Axlebox lubricating greases – Part 1: Method to test the ability to lubricate (EN 14865-1:2009+A1:2010)
- HRN EN 14865-2:2011 en pr
Oprema za željeznice – Sredstva za podmazivanje osovinskih ležišta – 2. dio: Metode ispitivanja mehaničke postojanosti za vozila brzina do 200 km/h (EN 14865-2:2006+A2:2010)
Railway applications – Axlebox lubricating greases – Part 2: Method to test the mechanical stability to cover vehicle speeds up to 200 km/h (EN 14865-2:2006+A2:2010)
- HRN EN 15020:2011 en pr
Oprema za željeznice – Pomoćno kvačilo – Zahtjevi za radne značajke, posebna utjecajna geometrija i metode ispitivanja (EN 15020:2006+A1:2010)
Railway applications – Rescue coupler – Performance requirements, specific interface geometry and test methods (EN 15020:2006+A1:2010)
- HRN EN 15227:2011 en pr
Oprema za željeznice – Zahtjevi za otpornost na sudare sanduka željezničkih vozila (EN 15227:2008+A1:2010)
Railway applications – Crashworthiness requirements for railway vehicle bodies (EN 15227:2008+A1:2010)
- HRN EN 15302:2011 en pr
Oprema za željeznice – Metoda za određivanje ekvivalentne koničnosti (EN 15302:2008+A1:2010)
Railway applications – Method for determining the equivalent conicity (EN 15302:2008+A1:2010)
- HRN EN 15313:2011 en pr
Oprema za željeznice – Zahtijevani postupci za eksploataciju osovinskih sklopova – Održavanje osovinskih sklopova u eksploataciji i skladištenju (EN 15313:2010)
Railway applications – In-service wheelset operation requirements – In-service and off-vehicle wheelset maintenance (EN 15313:2010)
- HRN EN 15427:2011 en pr
Oprema za željeznice – Upravljanje trenjem između kotača i tračnica – Podmazivanje prirubnica (EN 15427:2008+A1:2010)
Railway applications – Wheel/rail friction management – Flange lubrication (EN 15427:2008+A1:2010)
- HRN EN 15461:2011 en pr
Oprema za željeznice – Emisija buke – Određivanje dinamičkih svojstava za dionicu pruge kojom prolazi vlak pri mjerenju buke (EN 15461:2008+A1:2010)
Railway applications – Noise emission – Characterisation of the dynamic properties of track sections for pass by noise measurements (EN 15461:2008+A1:2010)
- HRN EN 15551:2011 en pr
Oprema za željeznice – Željeznička vozila – Odbojnici (EN 15551:2009+A1:2010)
Railway applications – Railway rolling stock – Buffers (EN 15551:2009+A1:2010)
- HRN EN 15566:2011 en pr
Oprema za željeznice – Željeznička vozila – Vučni uređaj i vijčano kvačilo (EN 15566:2009+A1:2010)
Railway applications – Railway rolling stock – Draw gear and screw coupling (EN 15566:2009+A1:2010)
- HRN EN 15686:2011 en pr
Oprema za željeznice – Ispitivanja za prihvaćanje vozničkih karakteristika željezničkih vozila sa sustavima za kompenzaciju naginjanja i/ili vozila koja trebaju raditi pod nagibima većim od onih navedenih u EN 14363:2005, Dodatak G (EN 15686:2010)
Railway applications – Testing for the acceptance of running characteristics of railway vehicles with cant deficiency compensation system and/or vehicles intended to operate with higher cant deficiency than stated in EN 14363:2005, Annex G (EN 15686:2010)
- HRN EN 15687:2011 en pr
Oprema za željeznice – Ispitivanja za prihvaćanje vozničkih karakteristika teretnih vozila sa statičkim osovinskim opterećenjem većim od 225 kN do 250 kN (EN 15687:2010)
Railway applications – Testing for the acceptance of running characteristics of freight vehicles with static axle loads higher than 225 kN and up to 250 kN (EN 15687:2010)
- HRN EN 15734-1:2011 en pr
Oprema za željeznice – Kočni sustavi za vlakove velikih brzina – 1. dio: Zahtjevi i definicije (EN 15734-1:2010)
Railway applications – Braking systems of high speed trains – Part 1: Requirements and definitions (EN 15734-1:2010)
- HRN EN 15734-2:2011 en pr
Oprema za željeznice – Kočni sustavi za vlakove velikih brzina – 2. dio: Metode ispitivanja (EN 15734-2:2010)
Railway applications – Braking systems of high speed trains – Part 2: Test methods (EN 15734-2:2010)
- HRN EN 15746-1:2011 en pr
Oprema za željeznice – Željeznički gornji ustroj – Cestovno-željeznički strojevi i pripadajuća oprema – 1. dio: Tehnički zahtjevi za kretanje i rad (EN 15746-1:2010)
Railway applications – Track – Road-rail machines and associated equipment – Part 1: Technical requirements for running and working (EN 15746-1:2010)
- HRN EN 15746-2:2011 en pr
Oprema za željeznice – Željeznički gornji ustroj – Cestovno-željeznički strojevi i pripadajuća oprema – 2. dio: Općeniti sigurnosni zahtjevi (EN 15746-2:2010)
Railway applications – Track – Road-rail machines and associated equipment – Part 2: General safety requirements (EN 15746-2:2010)

- HRN EN 15807:2011 en pr
Oprema za željeznice – Poluspojke zračne instalacije (EN 15807:2011)
Railway applications – Pneumatic half couplings (EN 15807:2011)
- HRN EN 15827:2011 en pr
Oprema za željeznice – Zahtjevi za okretna postolja i pogonske uređaje (EN 15827:2011)
Railway applications – Requirements for bogies and running gears (EN 15827:2011)
- HRN EN 15892:2011 en pr
Oprema za željeznice – Emisija buke – Mjerenje buke u upravljačnicama (EN 15892:2011)
Railway applications – Noise Emission – Measurement of noise inside driver's cabs (EN 15892:2011)

HZN/TO 531, *Plastika i guma*

- HRN EN ISO 1825:2011 en pr
Gumena crijeva i crijevni sklopovi za zemaljsku opskrbu aviona gorivom – Specifikacija (ISO 1825:2010; EN ISO 1825:2011)
Rubber hoses and hose assemblies for aircraft ground fuelling and defuelling – Specification (ISO 1825:2010; EN ISO 1825:2011)
- HRN EN ISO 3994:2011 en pr
Plastična crijeva – Plastomerna crijeva ojačana plastomernom spiralom za usisavanje i istovar vodenih supstanci – Specifikacija (ISO 3994:2007; EN ISO 3994:2011)
Plastics hoses – Helical-thermoplastic-reinforced thermoplastics hoses for suction and discharge of aqueous materials – Specification (ISO 3994:2007; EN ISO 3994:2011)
- HRN EN ISO 8331:2011 en pr
Gumena i plastična crijeva i crijevni sklopovi – Smjernice za odabir, skladištenje, uporabu i održavanje (ISO 8331:2007; EN ISO 8331:2011)
Rubber and plastics hoses and hose assemblies – Guidelines for selection, storage, use and maintenance (ISO 8331:2007; EN ISO 8331:2011)
- HRS CEN/TS 16137:2011 en pr
Plastika – Određivanje sadržaja ugljika biološkog podrijetla (CEN/TS 16137:2011)
Plastics – Determination of bio-based carbon content (CEN/TS 16137:2011)

HZN/TO 533/PO 1, *Kolničke konstrukcije; Cestograđevni materijali*

- HRN EN 12697-44:2011 en pr
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 44. dio: Razvoj pukotine ispitivanjem polucilindričnog uzorka na savijanje (EN 12697-44:2010)
Bituminous mixtures – Test methods for hot mix asphalt – Part 44: Crack propagation by semi-circular bending test (EN 12697-44:2010)
- HRN EN 13036-1:2011 en pr
Površinska svojstva cesta i aerodromskih operativnih površina – Metode ispitivanja – 1. dio: Mjerenje dubine makrotekture površine kolnika volumetrijskim postupkom (EN 13036-1:2010)
Road and airfield surface characteristics – Test methods – Part 1: Measurement of pavement surface macrotexture depth using a volumetric patch technique (EN 13036-1:2010)

HZN/TO 544, *Strojni elementi*

- HRN ISO 1891:2011 en pr
Spojni elementi – Nazivlje (ISO 1891:2009)
Fasteners – Terminology (ISO 1891:2009)

- HRN ISO 4378-1:2011 en pr
Klizni ležajevi – Nazivi, definicije, razredba i simboli – 1. dio: Konstrukcija, ležajni materijali i njihova svojstva (ISO 4378-1:2009)
Plain bearings – Terms, definitions, classification and symbols – Part 1: Design, bearing materials and their properties (ISO 4378-1:2009)
- HRN ISO 4378-2:2011 en pr
Klizni ležajevi – Nazivi, definicije, razredba i simboli – 2. dio: Trenje i trošenje (ISO 4378-2:2009)
Plain bearings – Terms, definitions, classification and symbols – Part 2: Friction and wear (ISO 4378-2:2009)
- HRN ISO 4378-3:2011 en pr
Klizni ležajevi – Nazivi, definicije, razredba i simboli – 3. dio: Podmazivanje (ISO 4378-3:2009)
Plain bearings – Terms, definitions, classification and symbols – Part 3: Lubrication (ISO 4378-3:2009)
- HRN ISO 4378-4:2011 en pr
Klizni ležajevi – Nazivi, definicije, razredba i simboli – 4. dio: Osnovni simboli (ISO 4378-4:2009)
Plain bearings – Terms, definitions, classification and symbols – Part 4: Basic symbols (ISO 4378-4:2009)
- HRN ISO 4378-5:2011 en pr
Klizni ležajevi – Nazivi, definicije, razredba i simboli – 5. dio: Primjena simbola (ISO 4378-5:2009)
Plain bearings – Terms, definitions, classification and symbols – Part 5: Application of symbols (ISO 4378-5:2009)
- HRN ISO 5408:2011 en pr
Vijčani navoji – Terminološki rječnik (ISO 5408:2009)
Screw threads – Vocabulary (ISO 5408:2009)
- HRN ISO 7146-1:2011 en pr
Klizni ležajevi – Izgled i karakterizacija oštećenja metalnih hidrodinamičkih ležajeva – 1. dio: Općenito (ISO 7146-1:2008)
Plain bearings – Appearance and characterization of damage to metallic hydrodynamic bearings – Part 1: General (ISO 7146-1:2008)
- HRN ISO 7146-2:2011 en pr
Klizni ležajevi – Izgled i karakterizacija oštećenja metalnih hidrodinamičkih ležajeva – 1. dio: Kavitacijska erozija i protumjere (ISO 7146-2:2008)
Plain bearings – Appearance and characterization of damage to metallic hydrodynamic bearings – Part 2: Cavitation erosion and its countermeasures (ISO 7146-2:2008)
- HRN ISO 24393:2011 en pr
Valjni ležajevi – Valjni ležajevi s pravocrtnim gibanjem – Terminološki rječnik (ISO 24393:2008)
Rolling bearings – Linear motion rolling bearings – Vocabulary (ISO 24393:2008)

HZN/TO 550, *Opskrba vodom*

- HRN EN 806-4:2011 en pr
Specifikacije za instalacije u zgradama za dovod vode za ljudsku uporabu – 4. dio: Ugradnja (EN 806-4:2010)
Specifications for installations inside buildings conveying water for human consumption – Part 4: Installation (EN 806-4:2010)

HZN/TO 555, *Medicinski proizvodi*

- HRN EN ISO 15883-6:2011 en pr
Uređaji za pranje i dezinfekciju – 6. dio: Zahtjevi i ispitivanja za uređaje za pranje i dezinfekciju u termičkoj dezinfekciji za neinvazivne, nerizične medicinske uređaje i opremu za zdravstvenu skrb (ISO 15883-6:2011; EN ISO 15883-6:2011)
Washer-disinfectors – Part 6: Requirements and tests for washer-disinfectors employing thermal disinfection for non-invasive, non-critical medical devices and healthcare equipment (ISO 15883-6:2011; EN ISO 15883-6:2011)

HRN EN 15986:2011 en pr
Simboli za upotrebu u označivanju medicinskih proizvoda – Zahtjevi za označivanje medicinskih sredstava koji sadrže ftalate (EN 15986:2011)
Symbol for use in the labelling of medical devices – Requirements for labelling of medical devices containing phthalates (EN 15986:2011)

HZN/TO 557, Zaštitna odjeća

HRN EN ISO 12402-7:2007/A1:2011 en pr
Osobne plutajuće naprave – 7. dio: Materijali i sastavni dijelovi – Sigurnosni zahtjevi i ispitne metode – Amandman 1 (ISO 12402-7:2006/Amd 1:2011; EN ISO 12402-7:2006/A1:2011)
Personal flotation devices – Part 7: Materials and components – Safety requirements and test methods – Amendment 1 (ISO 12402-7:2006/Amd 1:2011; EN ISO 12402-7:2006/A1:2011)

HRN EN ISO 12402-8:2007/A1:2011 en pr
Osobne plutajuće naprave – 8. dio: Pribor – Sigurnosni zahtjevi i ispitne metode – Amandman 1 (ISO 12402-8:2006/Amd 1:2011; EN ISO 12402-8:2006/A1:2011)
Personal flotation devices – Part 8: Accessories – Safety requirements and test methods – Amendment 1 (ISO 12402-8:2006/Amd 1:2011; EN ISO 12402-8:2006/A1:2011)

HRN EN ISO 12402-9:2007/A1:2011 en pr
Osobne plutajuće naprave – 9. dio: Ispitne metode – Amandman 1 (ISO 12402-9:2006/Amd 1:2011; EN ISO 12402-9:2006/A1:2011)
Personal flotation devices – Part 9: Test methods – Amendment 1 (ISO 12402-9:2006/Amd 1:2011; EN ISO 12402-9:2006/A1:2011)

HZN/TO 560, Tekstilni proizvodi

HRN EN 15973:2011 en pr
Gumom ili plastikom naslojen plošni tekstil – Tkanine za presvlake – Otpornost na onečišćenje (EN 15973:2011)
Rubber- or plastic-coated fabrics – Upholstery fabrics – Resistance to soiling (EN 15973:2011)

HZN/TO E9, Električna oprema za željeznicu

HRS CLC/TS 45545-5:2011 en pr
Željezničke primjene – Zaštita od požara na željezničkim vozilima – 5. dio: Požarni sigurnosni zahtjevi za električnu opremu uključujući i onu na trolejbusima, kolosječno vođenim autobusima i vozilima s magnetskom levitacijom (CLC/TS 45545-5:2009)
Railway applications – Fire protection on railway vehicles – Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles (CLC/TS 45545-5:2009)

HRN EN 50122-1:2011 en pr
Željezničke primjene – Stabilna postrojenja – Električna sigurnost, uzemljivanje i povratni krug – 1. dio: Zaštitne mjere protiv električnog udara (EN 50122-1:2011)
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 1: Protective provisions against electric shock (EN 50122-1:2011)

HRI CLC/TR 50506-2:2011 en pr
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – Upute za primjenu EN 50129 – 2. dio: Osiguranje sigurnosti (CLC/TR 50506-2:2009)
Railway applications – Communication, signalling and processing systems – Application Guide for EN 50129 – Part 2: Safety assurance (CLC/TR 50506-2:2009)

HRS CLC/TS 50534:2011 en pr
Željezničke primjene – Osnovne arhitekture sustava za napajanje električnih pomoćnih sustava na vozilima (CLC/TS 50534:2010)
Railway applications – Generic system architectures for onboard electric auxiliary power systems (CLC/TS 50534:2010)

HRS CLC/TS 50535:2011 en pr
Željezničke primjene – Sustavi za pomoćna energetska napajanja s pretvaračima na vozilima (CLC/TS 50535:2010)
Railway applications – Onboard auxiliary power converter systems (CLC/TS 50535:2010)

HRS CLC/TS 50537-1:2011 en pr
Željezničke primjene – Montažni dijelovi vučnog transformatora i rashladnog sustava – 1. dio: Visokonaponski izolatori za vučne transformatore (CLC/TS 50537-1:2010)
Railway applications – Mounted parts of the traction transformer and cooling system – Part 1: HV bushing for traction transformers (CLC/TS 50537-1:2010)

HRS CLC/TS 50537-2:2011 en pr
Željezničke primjene – Montažni dijelovi vučnog transformatora i rashladnog sustava – 2. dio: Pumpa za izolacijsku tekućinu za vučne transformatore i prigušnice (CLC/TS 50537-2:2010)
Railway applications – Mounted parts of the traction transformer and cooling system – Part 2: Pump for insulating liquid for traction transformers and reactors (CLC/TS 50537-2:2010)

HRS CLC/TS 50537-3:2011 en pr
Željezničke primjene – Montažni dijelovi vučnog transformatora i rashladnog sustava – 3. dio: Pumpa za vodu za vučne pretvarače (CLC/TS 50537-3:2010)
Railway applications – Mounted parts of the traction transformer and cooling system – Part 3: Water pump for traction converters (CLC/TS 50537-3:2010)

HRS CLC/TS 50537-4:2011 en pr
Željezničke primjene – Montažni dijelovi vučnog transformatora i rashladnog sustava – 4. dio: Releji koji se aktivira plinom ili tekućinom (Buchholz) za transformatore i prigušnice uronjene u tekućinu s konzervatorom za tračnička vozila (CLC/TS 50537-4:2010)
Railway applications – Mounted parts of the traction transformer and cooling system – Part 4: Gas and liquid actuated (Buchholz) relay for liquid immersed transformers and reactors with conservator for rail vehicles (CLC/TS 50537-4:2010)

HRI CLC/TR 50542:2011 en pr
Željezničke primjene – Sredstva komunikacije između sigurnosne opreme i sučelja čovjek-stroj (MMI) (CLC/TR 50542:2010)
Railway applications – Communication means between safety equipment and man-machine interfaces (MMI) (CLC/TR 50542:2010)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRS CLC/TS 61850-80-1:2011 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 80-1: Smjernice za izmjenu informacija iz CDC podatkovnog modela uporabom IEC 60870-5-101 ili IEC 60870-5-104 (IEC/TS 61850-80-1:2008; CLC/TS 61850-80-1:2010)
Communication networks and systems for power utility automation – Part 80-1: Guideline to exchanging information from a CDC-based data model using IEC 60870-5-101 or IEC 60870-5-104 (IEC/TS 61850-80-1:2008; CLC/TS 61850-80-1:2010)

HZN/TO E59, *Uporabne značajke električnih kućanskih aparata*

- HRN EN 50304:2011 en pr
Električni štednjaci, ugradbena kuhala, pećnice i roštilji za uporabu u kućanstvu – Metode ispitivanja za mjerenje radnih značajka (IEC 60350:1999, MOD+am1:2005, MOD+am2:2008, MOD; EN 50304:2009)
Electric cooking ranges, hobs, ovens and grills for household use – Methods for measuring performance (IEC 60350:1999, MOD+am1:2005, MOD+am2:2008, MOD; EN 50304:2009)
- HRN EN 50304:2011/A1:2011 en pr
Električni štednjaci, ugradbena kuhala, pećnice i roštilji za uporabu u kućanstvu – Metode ispitivanja za mjerenje radnih značajka (EN 50304:2009/A1:2010)
Electric cooking ranges, hobs, ovens and grills for household use – Methods for measuring performance (EN 50304:2009/A1:2010)
- HRN EN 50523-1:2011 en pr
Međudjelovanje umreženih kućanskih aparata – 1. dio: Uporabna specifikacija (EN 50523-1:2009)
Household appliances interworking – Part 1: Functional specification (EN 50523-1:2009)
- HRN EN 50523-2:2011 en pr
Međudjelovanje umreženih kućanskih aparata – 2. dio: Struktura podataka (EN 50523-2:2009)
Household appliances interworking – Part 2: Data structures (EN 50523-2:2009)
- HRN EN 60311:2008/A2:2011 en pr
Električna glačala za kućanstvo ili slične upotrebe – Metode za mjerenje radnih značajka (IEC 60311:2002/am2:2009; EN 60311:2003/A2:2009)
Electric irons for household or similar use – Methods for measuring performance (IEC 60311:2002/am2:2009; EN 60311:2003/A2:2009)
- HRN EN 60531:2011 en pr
Kućanske termoakumulacijske grijalice prostora – Metode za mjerenje radnih značajka (IEC 60531:1999, MOD; EN 60531:2000)
Household electric thermal storage room heaters – Methods for measuring performance (IEC 60531:1999, MOD; EN 60531:2000)
- HRN EN 60704-1:2011 en pr
Kućanski i slični električni aparati – Ispitna pravila za određivanje uzdušne buke – 1. dio: Opći zahtjevi (IEC 60704-1:2010; EN 60704-1:2010)
Household and similar electrical appliances – Test code for the determination of airborne noise – Part 1: General requirements (IEC 60704-1:2010; EN 60704-1:2010)
- HRN EN 60704-2-2:2011 en pr
Kućanski i slični električni aparati – Ispitna pravila za određivanje uzdušne buke – Dio 2-2: Posebni zahtjevi za sušila za kosu (IEC 60704-2-2:2009; EN 60704-2-2:2010)
Household and similar appliances – Test code for the determination of airborne acoustical noise – Part 2-2: Particular requirements for fan heaters (IEC 60704-2-2:2009; EN 60704-2-2:2010)

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

- HRI CLC/TR 50083-5-1:2011 en pr
Cable networks for television signals, sound signals and interactive services – Part 5-1: IP gateways and interfaces for headends (CLC/TR 50083-5-1:2009)
- HRN EN 50083-8:2008/A11:2011 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 8. dio: Elektromagnetska kompatibilnost za mreže (EN 50083-8:2002/A11:2008)

Cable networks for television signals, sound signals and interactive services – Part 8: Electromagnetic compatibility for networks (EN 50083-8:2002/A11:2008)

- HRI CLC/TR 50083-10-1:2011 en pr
Cable networks for television signals, sound signals and interactive services – Part 10-1: Guidelines for the implementation of return paths in cable networks (CLC/TR 50083-10-1:2009)
- HRN EN 60268-4:2011 en pr
Oprema audiosustava – 4. dio: Mikrofoni (IEC 60268-4:2010; EN 60268-4:2010)
Sound system equipment – Part 4: Microphones (IEC 60268-4:2010; EN 60268-4:2010)
- HRN EN 60268-5:2003/A1:2011 en pr
Oprema audiosustava – 5. dio: Zvučnici (IEC 60268-5:2003/am1:2007; EN 60268-5:2003/A1:2009)
Sound system equipment – Part 5: Loudspeakers (IEC 60268-5:2003/am1:2007; EN 60268-5:2003/A1:2009)
- HRN EN 60728-1-1:2011 en pr
Cable networks for television signals, sound signals and interactive services – Part 1-1: RF cabling for two way home networks (IEC 60728-1-1:2010; EN 60728-1-1:2010)
- HRN EN 60728-1-2:2011 en pr
Cable networks for television signals, sound signals and interactive services – Part 1-2: Performance requirements for signals delivered at the system outlet in operation (IEC 60728-1-2:2009; EN 60728-1-2:2009)
- HRN EN 60728-7-3:2011 en pr
Cable networks for television signals, sound signals and interactive services – Part 7-3: Hybrid fibre coax outside plant status monitoring – Power supply to transponder interface bus (PSTIB) (IEC 60728-7-3:2009; EN 60728-7-3:2009)
- HRN EN 60728-11:2011 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 11. dio: Sigurnost (IEC 60728-11:2010; EN 60728-11:2010)
Cable networks for television signals, sound signals and interactive services – Part 11: Safety (IEC 60728-11:2010; EN 60728-11:2010)
- HRN EN 60728-13:2011 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 13. dio: Optički sustavi za difuzijske prijenose signala (IEC 60728-13:2010+Corr.1:2010; EN 60728-13:2010)
Cable networks for television signals, sound signals and interactive services – Part 13: Optical systems for broadcast signal transmissions (IEC 60728-13:2010+Corr.1:2010; EN 60728-13:2010)
- HRN EN 60958-1:2011 en pr
Digitalno audiosučelje – 1. dio: Općenito (IEC 60958-1:2008; EN 60958-1:2008)
Digital audio interface – Part 1: General (IEC 60958-1:2008; EN 60958-1:2008)
- HRN EN 60958-3:2008/A1:2011 en pr
Digitalno audiosučelje – 3. dio: Uređaji za široku potrošnju (IEC 60958-3:2006/am1:2009; EN 60958-3:2006/A1:2010)
Digital audio interface – Part 3: Consumer applications (IEC 60958-3:2006/am1:2009; EN 60958-3:2006/A1:2010)
- HRN EN 61606-1:2011 en pr
Audio i audiovideo oprema – Digitalni audio dijelovi – Osnovne mjerne metode audio značajki – 1. dio: Općenito (IEC 61606-1:2009; EN 61606-1:2009)

- Audio and audiovisual equipment – Digital audio parts – Basic measurement methods of audio characteristics – Part 1: General (IEC 61606-1:2009; EN 61606-1:2009)
- HRN EN 61606-2:2011 en pr
Audio i audiovideo oprema – Digitalni audio dijelovi – Osnovne mjerne metode audio značajki – 2. dio: Uporaba u širokoj potrošnji (IEC 61606-2:2009; EN 61606-2:2009)
Audio and audiovisual equipment – Digital audio parts – Basic measurement methods of audio characteristics – Part 2: Consumer use (IEC 61606-2:2009; EN 61606-2:2009)
- HRN EN 61606-3:2011 en pr
Audio i audiovideo oprema – Digitalni audio dijelovi – Osnovne mjerne metode audio značajki – 3. dio: Profesionalna uporaba (IEC 61606-3:2008; EN 61606-3:2008)
Audio and audiovisual equipment – Digital audio parts – Basic measurement methods of audio characteristics – Part 3: Professional use (IEC 61606-3:2008; EN 61606-3:2008)
- HRN EN 61883-1:2011 en pr
Audio/video oprema za široku potrošnju – Digitalno sučelje – 1. dio: Općenito (IEC 61883-1:2008; EN 61883-1:2009)
Consumer audio/video equipment – Digital interface – Part 1: General (IEC 61883-1:2008; EN 61883-1:2009)
- HRN EN 61883-8:2011 en pr
Audio/video oprema za široku potrošnju – Digitalno sučelje – 8. dio: Prijenos podataka digitalnog videa stila ITU-R BT.601 (IEC 61883-8:2008; EN 61883-8:2009)
Consumer audio/video equipment – Digital interface – Part 8: Transmission of ITU-R BT.601 style digital video data (IEC 61883-8:2008; EN 61883-8:2009)
- HRN EN 61937-3:2011 en pr
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 3: Non-linear PCM bitstreams according to the AC-3 and enhanced AC-3 formats (IEC 61937-3:2007; EN 61937-3:2009)
- HRN EN 61937-5:2011 en pr
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 5: Non-linear PCM bitstreams according to the DTS (Digital Theater Systems) format(s) (IEC 61937-5:2006; EN 61937-5:2006)
- HRN EN 61937-6:2011 en pr
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 6: Non-linear PCM bitstreams according to the MPEG-2 AAC and MPEG-4 AAC audio formats (IEC 61937-6:2006; EN 61937-6:2006)
- HRN EN 61937-12:2011 en pr
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 12: Non-linear PCM bitstreams according to the DRA formats (IEC 61937-12:2010; EN 61937-12:2010)
- HRN EN 61966-5:2011 en pr
Multimedijski sustavi i oprema – Mjerenje i upravljanje bojama – 5. dio: Oprema koja upotrebljava panele pokazivača s plazmom (IEC 61966-5:2008; EN 61966-5:2009)
Multimedia systems and equipment – Colour measurement and management – Part 5: Equipment using plasma display panels (IEC 61966-5:2008; EN 61966-5:2009)
- HRN EN 61966-7-1:2011 en pr
Multimedijski sustavi i oprema – Mjerenje i upravljanje bojama – Dio 7-1: Printeri u boji – Reflektivni printeri – Ulazi za crvenu, zelenu i plavu boju (ili RGB ulazi) (IEC 61966-7-1:2006; EN 61966-7-1:2006)
Multimedia systems and equipment – Colour measurement and management – Part 7-1: Colour printers – Reflective prints – RGB inputs (IEC 61966-7-1:2006; EN 61966-7-1:2006)
- HRN EN 62002-1:2011 en pr
Mobilni i prijenosni DVB-T/H radio pristup – 1. dio: Specifikacija sučelja (IEC 62002-1:2008+Corr.1:2008; EN 62002-1:2008)
Mobile and portable DVB-T/H radio access – Part 1: Interface specification (IEC 62002-1:2008+Corr.1:2008; EN 62002-1:2008)
- HRN EN 62002-2:2011 en pr
Mobilni i prijenosni DVB-T/H radio pristup – 2. dio: Ispitivanje sukladnosti sučelja (IEC 62002-2:2008; EN 62002-2:2008)
Mobile and portable DVB-T/H radio access – Part 2: Interface conformance testing (IEC 62002-2:2008; EN 62002-2:2008)
- HRN EN 62087:2011 en pr
Metode mjerenja potrošnje energije audio, video i pripadajuće opreme (IEC 62087:2008; EN 62087:2009)
Methods of measurement for the power consumption of audio, video and related equipment (IEC 62087:2008; EN 62087:2009)
- HRN EN 62106:2011 en pr
Specifikacija radiopodatkovnog sustava (RDS, Radio Data System) za VVF/FM radiodifuziju zvuka u frekvencijskom području od 87,5 do 108,0 MHz (IEC 62106:200X; EN 62106:2009)
Specification of the Radio Data System (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 MHz to 108,0 MHz (IEC 62106:200X; EN 62106:2009)
- HRN EN 62261-1:2011 en pr
Televizijski metapodaci (METADATA) – 1. dio: Struktura rječnika metapodataka (IEC 62261-1:2005; EN 62261-1:2006)
Television METADATA – Part 1: Metadata dictionary structure (IEC 62261-1:2005; EN 62261-1:2006)
- HRN EN 62261-2:2011 en pr
Televizijski metapodaci (METADATA) – 2. dio: Protokol za kodiranje podataka koji upotrebljava duljinu kao ključ vrijednosti (IEC 62261-2:2005; EN 62261-2:2006)
Television METADATA – Part 2: Data encoding protocol using key-length-value (IEC 62261-2:2005; EN 62261-2:2006)
- HRN EN 62295:2011 en pr
Multimedijski sustavi – Opći komunikacijski protokol za međusobnu spojivost na raznovrsnim mrežama (IEC 62295:2007; EN 62295:2009)
Multimedia systems – Common communication protocol for inter-connectivity on heterogeneous networks (IEC 62295:2007; EN 62295:2009)
- HRN EN 62365:2011 en pr
Digitalni audio – Sučeljavanje digitalnog ulaza i izlaza – Prijenos digitalnog audia preko mreža asinkronog načina prijenosa (ATM) (IEC 62365:2009; EN 62365:2009)
Digital audio – Digital input-output interfacing – Transmission of digital audio over asynchronous transfer mode (ATM) networks (IEC 62365:2009; EN 62365:2009)
- HRN EN 62379-2:2011 en pr
Zajedničko upravljačko sučelje za umrežene digitalne audio i video proizvode – 2. dio: Audio (IEC 62379-2:2008; EN 62379-2:2009)

Common control interface for networked digital audio and video products – Part 2: Audio (IEC 62379-2:2008; EN 62379-2:2009)

HRN EN 62448:2011 en pr
Multimedijski sustavi i oprema – Multimedijsko e-izdavaštvo i e-knjige – Opći (generični) oblik za e-izdavaštvo (IEC 62448:2009; EN 62448:2009)
Multimedia systems and equipment – Multimedia E-publishing and E-books – Generic format for E-publishing (IEC 62448:2009; EN 62448:2009)

HRN EN 62480:2011 en pr
Kućna mreža za multimediju – Mrežno sučelje za mrežni adapter (IEC 62480:2008; EN 62480:2009)
Multimedia home network – Network interfaces for network adapter (IEC 62480:2008; EN 62480:2009)

HRN EN 62514:2011 en pr
Načini pristupa multimedije kućnim mrežama – Smjernice (IEC 62514:2010; EN 62514:2010)
Multimedia gateway in home networks – Guidelines (IEC 62514:2010; EN 62514:2010)

HRN EN 62516-1:2011 en pr
Prijemnici zemaljske digitalne multimedijске difuzije (T-DMB) – 1. dio: Temeljni zahtjevi (IEC 62516-1:2009; EN 62516-1:2009)
Terrestrial digital multimedia broadcasting (T-DMB) receivers – Part 1: Basic requirement (IEC 62516-1:2009; EN 62516-1:2009)

HRN EN 62537:2011 en pr
Sučelje za zvučnike s digitalnim ulaznim signalima zasnovano na nizu IEC 60958 (IEC 62537:2010; EN 62537:2010)
Interface for loudspeakers with digital input signals based on IEC 60958 (IEC 62537:2010; EN 62537:2010)

HRN EN 62546:2011 en pr
Smjernice za HD link za snimanje (IEC 62546:2009; EN 62546:2009)
High Definition (HD) recording link guidelines (IEC 62546:2009; EN 62546:2009)

HRN EN 62684:2011 en pr
Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones (IEC 62684:2011; EN 62684:2010)

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

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

HRN EN 60950-1:2007/A12:2011 en pr
Oprema informacijske tehnologije – Sigurnost – 1. dio: Opći zahtjevi (EN 60950-1:2006/A12:2011)
Information technology equipment – Safety – Part 1: General requirements (EN 60950-1:2006/A12:2011)

HRN IEC 62368-1:2010/Ispr.1:2011 en pr
Oprema audio/video, informacijske i komunikacijske tehnologije – 1. dio: Sigurnosni zahtjevi (IEC 62368-1:2010/Corr.1:2010)
Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2010/Corr.1:2010)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 50498:2011 en pr
Elektromagnetska kompatibilnost (EMC) – Norma porodice proizvoda za elektroničku opremu naknadno ugrađenu u vozila (EN 50498:2010)

Electromagnetic compatibility (EMC) – Product family standard for aftermarket electronic equipment in vehicles (EN 50498:2010)

HRN EN 55011:2010/A1:2011 en pr
Industrijski, znanstveni i medicinski (ISM) radiofrekvencijski uređaji – Značajke radiosmetnja – Granice i mjerne metode (CISPR 11:2009/am1:2010; EN 55011:2009/A1:2010)
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement (CISPR 11:2009/am1:2010; EN 55011:2009/A1:2010)

HRN EN 55016-1-1:2011 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 1-1: Uređaji za mjerenje radiosmetnja i otpornosti – Mjerni uređaji (CISPR 16-1-1:2010+am1:2010; EN 55016-1-1:2010+A1:2010)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-1: Radio disturbance and immunity measuring apparatus – Measuring apparatus (CISPR 16-1-1:2010+am1:2010; EN 55016-1-1:2010+A1:2010)

HRN EN 55016-2-3:2011 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 2-3: Metode mjerenja smetnja i otpornosti – Mjerenje zračenih smetnji (CISPR 16-2-3:2010+am1:2010; EN 55016-2-3:2010+A1:2010)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements (CISPR 16-2-3:2010+am1:2010; EN 55016-2-3:2010+A1:2010)

HRN EN 55024:2011 en pr
Uređaji informatičke tehnike – Značajke otpornosti – Granice i metode mjerenja (CISPR 24:2010; EN 55024:2010)
Information technology equipment – Immunity characteristics – Limits and methods of measurement (CISPR 24:2010; EN 55024:2010)

HRN EN 61000-4-18:2008/A1:2011 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-18: Ispitne i mjerne tehnike – Ispitivanje otpornosti na prigušene oscilirajuće valove (IEC 61000-4-18:2006/am1:2010; EN 61000-4-18:2007/A1:2010)
Electromagnetic compatibility (EMC) – Part 4-18: Testing and measurement techniques – Damped oscillatory wave immunity test (IEC 61000-4-18:2006/am1:2010; EN 61000-4-18:2007/A1:2010)

HRN EN 61000-4-20:2011 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-20: Ispitne i mjerne tehnike – Ispitivanje emisije i otpornosti u poprečnim elektromagnetskim (TEM) valovodima (IEC 61000-4-20:2010; EN 61000-4-20:2010)
Electromagnetic compatibility (EMC) – Part 4-20: Testing and measurement techniques – Emission and immunity testing in transverse electromagnetic (TEM) waveguides (IEC 61000-4-20:2010; EN 61000-4-20:2010)

HRN EN 61000-4-4:2008/A1:2011 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-4: Ispitne i mjerne tehnike – Ispitivanje otpornosti na električne brze tranzijente/rafale (IEC 61000-4-4:2004/am1:2010; EN 61000-4-4:2004/A1:2010)
Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test (IEC 61000-4-4:2004/am1:2010; EN 61000-4-4:2004/A1:2010)

HRN EN 61000-4-8:2011 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-8: Ispitne i mjerne tehnike – Ispitivanje otpornosti na magnetska polja energetske frekvencije (IEC 61000-4-8:2009; EN 61000-4-8:2010)
Electromagnetic compatibility (EMC) – Part 4-8: Testing and measurement techniques – Power frequency magnetic field immunity test (IEC 61000-4-8:2009; EN 61000-4-8:2010)

HZN/TO T4, Normizacija u telekomunikacijama

HRN TBR 035 V1:2011 en pr
Terestrijalni trunking radio (TETRA) – Pristup u izvanrednim situacijama (TBR 035 ed.1:1998)
Terrestrial Trunked Radio (TETRA) – Emergency access (TBR 035 ed.1:1998)

HRN EN 300 086-2 V1.3.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Kopnena pokretna služba – Radijska oprema s integriranim ili izvanjskim RF priključkom namijenjena primarno za analogni govor – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 300 086-2 V1.3.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Land Mobile Service – Radio equipment with an internal or external RF connector intended primarily for analogue speech – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 300 086-2 V1.3.1:2010)

HRN EN 300 113-2 V1.4.2:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Kopnena pokretna služba – Radijska oprema za prijenos podataka (i/ili govora) koja upotrebljava stalnu ili promjenjivu modulaciju ovojnice i koja ima antenski priključak – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 300 113-2 V1.4.2:2009)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Land mobile service – Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector – Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive (EN 300 113-2 V1.4.2:2009)

HRN EN 300 220-2 V2.3.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema za frekvencijsko područje od 25 MHz do 1000 MHz sa razinom snage do 500 mW – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 300 220-2 V2.3.1:2010)
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 V2.3.1:2010)

HRN EN 300 296-2 V1.3.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Kopnena pokretna služba – Radijska oprema s integriranim antenama namijenjena primarno za analogni govor – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 300 296-2 V1.3.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Land Mobile Service – Radio equipment using integral antennas intended primarily for analogue speech – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 300 296-2 V1.3.1:2010)

HRN EN 300 330-2 V1.5.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema za frekvencijsko područje od 9 kHz do 25 MHz i sustavi induktivne petlje u frekvencijskom području od 9 kHz do 30 MHz – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 300 330-2 V1.5.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 300 330-2 V1.5.1:2010)

HRN EN 300 338-5 V1.1.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Tehničke karakteristike i metode mjerenja za opremu koja proizvodi, odašilje i prima digitalni selektivni poziv (DSC) u pomorskoj MF, MF/HF i/ili VHF pokretnoj službi – 5. dio: Ručna oprema (dlanovnik) VHF klasa D DSC (EN 300 338-5 V1.1.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service – Part 5: Handheld VHF Class D DSC (EN 300 338-5 V1.1.1:2010)

HRN EN 300 373-3 V1.2.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Pomorski pokretni predajnici i prijammnici u MF i HF frekvencijskim područjima – 3. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – Oprema s integriranim ili pridruženom opremom za klasu E digitalnoga selektivnog poziva (DSC) (EN 300 373-3 V1.2.1:2009)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Maritime mobile transmitters and receivers for use in the MF and HF bands – Part 3: Harmonized EN covering essential requirements under article 3.3(e) of the R&TTE Directive – Equipment with integrated or associated equipment for Class E Digital Selective Calling (DSC) (EN 300 373-3 V1.2.1:2009)

HRN EN 300 440-2 V1.4.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema za frekvencijsko područje od 1 GHz do 40 GHz – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 300 440-2 V1.4.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short range devices – Radio equipment to be used in the 1 GHz to 40 GHz frequency range – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 300 440-2 V1.4.1:2010)

HRN EN 300 676-2 V1.4.1:2011 en pr
Zemaljski VHF ručni, pokretni i nepokretni predajnici, prijammnici i primopredajnici za VHF aeronautičke pokretne usluge koji upotrebljavaju amplitudnu modulaciju – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 300 676-2 V1.4.1:2010)
Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation – Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive (EN 300 676-2 V1.4.1:2010)

- HRN EN 301 025-2 V1.4.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – VHF radiotelefonska oprema za opće komunikacije i pridružena oprema za klasu "D" digitalnoga selektivnog poziva (DSC) – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 025-2 V1.4.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC) – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 025-2 V1.4.1:2010)
- HRN EN 301 025-3 V1.4.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – VHF radiotelefonska oprema za opće komunikacije i pridružena oprema za klasu "D" digitalnoga selektivnog poziva (DSC) – 3. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.3(e) direktive R&TTE (EN 301 025-3 V1.4.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC) – Part 3: Harmonized EN covering the essential requirements of article 3.3(e) of the R&TTE Directive (EN 301 025-3 V1.4.1:2010)
- HRN EN 301 033 V1.3.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Tehničke karakteristike i metode mjerenja za brodske kontrolne prijamnike za prijam digitalnog selektivnog poziva (DSC) u pomorskim MF, MF/HF i VHF pojasevima (EN 301 033 V1.3.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Technical characteristics and methods of measurement for shipborne watchkeeping receivers for reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and VHF bands (EN 301 033 V1.3.1:2010)
- HRN EN 301 442 V1.2.1:2011 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana europska norma EN za pokretne zemaljske postaje (MESs), uključujući ručne zemaljske postaje, za satelitske mreže osobnih komunikacija (S-PCN) u pojasu 2,0 GHz u sklopu pokretnih satelitskih usluga (MSS) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 442 V1.2.1:2010)
Satellite Earth Stations and Systems (SES) – Harmonized EN for Mobile Earth Stations (MESs), including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) in the 2,0 GHz bands under the Mobile Satellite Service (MSS) covering essential requirements under article 3.2 of the R&TTE directive (EN 301 442 V1.2.1:2010)
- HRN EN 301 489-23 V1.4.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma za elektromagnetsku kompatibilnost (EMC) za radio opremu i usluge – 23. dio: Specifični uvjeti za IMT-2000 CDMA, Direct Spread (UTRA i E-UTRA) radio baznih postaja (BS), repetitor i pomoćnu opremu (EN 301 489-23 V1.4.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 23: Specific conditions for IMT-2000 CDMA, Direct Spread (UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary equipment (EN 301 489-23 V1.4.1:2010)
- HRN EN 301 489-34 V1.1.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma za elektromagnetsku kompatibilnost (EMC) za radio opremu i usluge – 34. dio: Specifični zahtjevi za vanjski izvor napajanja mobilnih telefona (EN 301 489-34 V1.1.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 34: Specific conditions for External Power Supply (EPS) for mobile phones (EN 301 489-34 V1.1.1:2010)
- HRN EN 301 783-2 V1.2.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Kopnena pokretna služba – Komercijalno dostupna radioamaterska oprema – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 783-2 V1.2.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Land Mobile Service – Commercially available amateur radio equipment – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 783-2 V1.2.1:2010)
- HRN EN 301 908-1 V4.2.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 1. dio: Harmonizirana europska norma EN za IMT-2000, uvod i zajednički zahtjevi, obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-1 V4.2.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-1 V4.2.1:2010)
- HRN EN 301 908-2 V4.2.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 2. dio: Harmonizirana europska norma EN za IMT-2000, CDMA višestruki nositelj (cdma2000) (repetitori) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-2 V4.2.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 2: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-2 V4.2.1:2010)
- HRN EN 301 908-3 V4.2.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 3. dio: Harmonizirana europska norma EN za IMT-2000, CDMA izravno proširenje spektra (UTRA FDD i E-UTRA FDD) (BS) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-3 V4.2.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 3: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-3 V4.2.1:2010)

- HRN EN 301 908-4 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 4. dio: Harmonizirana europska norma EN za IMT-2000, CDMA višestruki nositelj (cdma2000) i unaprijeđeni CDMA višestruki nositelj ultra širokopojasni mobilni prijenos podataka (UMB) (UE) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-4 V4.2.1:2010)
 Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 4: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-4 V4.2.1:2010)
- HRN EN 301 908-5 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 5. dio: Harmonizirana europska norma EN za IMT-2000, CDMA višestruki nositelj (cdma2000) i unaprijeđeni CDMA višestruki nositelj ultra širokopojasni mobilni prijenos podataka (UMB) (BS) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-5 V4.2.1:2010)
 Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 5: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-5 V4.2.1:2010)
- HRN EN 301 908-6 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 6. dio: Harmonizirana europska norma EN za IMT-2000, CDMA TDD (UTRA TDD i E-UTRA TDD) (UE) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-6 V4.2.1:2010)
 Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 6: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD and E-UTRA TDD) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-6 V4.2.1:2010)
- HRN EN 301 908-7 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 7. dio: Harmonizirana europska norma EN za IMT-2000, CDMA TDD (UTRA TDD i E-UTRA TDD) (BS) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-7 V4.2.1:2010)
 Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 7: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD and E-UTRA TDD) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-7 V4.2.1:2010)
- HRN EN 301 908-11 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 11. dio: Harmonizirana europska norma EN za IMT-2000, CDMA izravno proširenje spektra (UTRA FDD i E-UTRA FDD) (repetitori) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-11 V4.2.1:2010)
 Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 11: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-11 V4.2.1:2010)
- HRN EN 301 908-12 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 12. dio: Harmonizirana europska norma EN za IMT-2000, CDMA višestruki nositelj (cdma2000) (repetitori) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-12 V4.2.1:2010)
 Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 12: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) (Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-12 V4.2.1:2010)
- HRN EN 301 908-13 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 13. dio: Harmonizirana europska norma EN za IMT-2000, Unaprijeđeni univerzalni terestrijalni radijski pristup (E-UTRA) (UE) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-13 V4.2.1:2010)
 Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 13: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-13 V4.2.1:2010)
- HRN EN 301 908-14 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 14. dio: Harmonizirana europska norma EN za IMT-2000, Unaprijeđeni, univerzalni, terestrijalni radijski pristup (E-UTRA) (BS) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-14 V4.2.1:2010)
 Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 14: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-14 V4.2.1:2010)
- HRN EN 301 908-15 V4.2.1:2011 en pr
 Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 15. dio: Harmonizirana europska norma EN za IMT-2000, Unaprijeđeni, univerzalni, terestrijalni radijski pristup (E-UTRA) (FDD repetitori) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-15 V4.2.1:2010)

- Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 15: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (FDD Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-15 V4.2.1:2010)
- HRN EN 301 908-16 V4.2.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 16. dio: Harmonizirana europska norma EN za IMT-2000, Unaprijeđeni CDMA višestruki nositelj, ultra širokopojasni mobilni prijenos podataka (UMB) (UE) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-16 V4.2.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 16: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-16 V4.2.1:2010)
- HRN EN 301 908-17 V4.2.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), Repetitori i korisnička oprema (UE) za treću generaciju celularnih mreža IMT-2000 – 17. dio: Harmonizirana europska norma EN za IMT-2000, Unaprijeđeni CDMA višestruki nositelj ultra širokopojasni mobilni prijenos podataka (UMB) (BS) obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 908-17 V4.2.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks – Part 17: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 908-17 V4.2.1:2010)
- HRN EN 301 925 V1.3.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Radiotelefonski odašiljači i prijammnici za pomorsku pokretnu službu koja radi u VHF pojasevima – Tehničke karakteristike i metode mjerenja (EN 301 925 V1.3.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands – Technical characteristics and methods of measurement (EN 301 925 V1.3.1:2010)
- HRN EN 302 065 V1.2.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) koji upotrebljavaju ultra širokopojasnu tehnologiju (UWB) za potrebe komunikacija – Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.3(e) direktive R&TTE (EN 302 065 V1.2.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) using Ultra Wide Band technology (UWB) for communications purposes – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 065 V1.2.1:2010)
- HRN EN 302 208-2 V1.3.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Radiofrekvencijska oprema za identifikaciju koja radi u pojasu od 865 MHz do 868 MHz s razinama snage do 2 W – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 208-2 V1.3.1:2010)
- 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 essential requirements of article 3.2 of the R&TTE Directive (EN 302 208-2 V1.3.1:2010)
- HRN EN 302 217-2-2 V1.4.1:2011 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene sustava točka-točka – Dio 2-2: Digitalni sustavi koji rade u frekvencijskom pojasu u kojem se primjenjuje usklađivanje frekvencija – Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 217-2-2 V1.4.1:2010)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 217-2-2 V1.4.1:2010)
- HRN EN 302 217-4-2 V1.5.1:2011 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene sustava točka-točka – Dio 4-2: Antene – Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 217-4-2 V1.5.1:2010)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 4-2: Antennas – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 217-4-2 V1.5.1:2010)
- HRN EN 302 435-2 V1.3.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Tehničke karakteristike uređaja kratkoga dometa koji upotrebljavaju ultra širokopojasnu tehnologiju (UWB) – Primjene u analizi građevnih materijala i razvrstavanju opreme u frekvencijskom području od 2,2 GHz do 8,5 GHz – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2. direktive R&TTE (EN 302 435-2 V1.3.1:2009)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Technical characteristics for SRD equipment using Ultra WideBand technology (UWB) – Building Material Analysis and Classification equipment applications operating in the frequency band from 2,2 GHz to 8,5 GHz – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 435-2 V1.3.1:2009)
- HRN EN 302 498-2 V1.1.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Naprave kratkoga dometa (SRD) – Tehničke karakteristike uređaja kratkoga dometa koji upotrebljavaju ultra širokopojasnu tehnologiju (UWB) – Primjene u razlikovanju i davanju obilježja objekata za električne alate u frekvencijskom području od 2,2 GHz do 8,5 GHz – 2. dio: Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2. direktive R&TTE (EN 302 498-2 V1.1.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Technical characteristics for SRD equipment using Ultra WideBand technology (UWB) – Object Discrimination and Characterization Applications for power tool devices operating in the frequency band from 2,2 GHz to 8,5 GHz – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 498-2 V1.1.1:2010)
- HRN EN 302 544-1 V1.1.2:2011 en pr
Sustavi širokopojasnog prijenosa podataka u frekvencijskom području od 2500 MHz do 2690 MHz – 1. dio: TDD bazne postaje – Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2. direktive R&TTE (EN 302 544-1 V1.1.2:2010)

- Broadband Data Transmission Systems operating in the 2500 MHz to 2690 MHz frequency band – Part 1: TDD Base Stations – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 544-1 V1.1.2:2010)
- HRN EN 302 574-1 V1.1.1:2011 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske zemaljske postaje za MSS u frekvencijskim područjima od 1980 MHz do 2010 MHz (smjer zemlja-nebo) i od 2170 MHz do 2200 MHz (smjer nebo-zemlja) – 1. dio: Komplementarna zemaljska komponenta (CGC) za širokopojasne sustave – Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 574-1 V1.1.1:2010)
Satellite Earth Stations and Systems (SES) – Harmonized Standard for satellite earth stations for MSS operating in the 1980 MHz to 2010 MHz (earth-to-space) and 2170 MHz to 2200 MHz (space-to-earth) frequency bands – Part 1: Complementary Ground Component (CGC) for wideband systems – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 574-1 V1.1.1:2010)
- HRN EN 302 574-2 V1.1.1:2011 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske zemaljske postaje za MSS u frekvencijskim područjima od 1980 MHz do 2010 MHz (smjer zemlja-nebo) i od 2170 MHz do 2200 MHz (smjer nebo-zemlja) – 2. dio: Korisnička oprema (UE) za širokopojasne sustave – Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 574-2 V1.1.1:2010)
Satellite Earth Stations and Systems (SES) – Harmonized Standard for satellite earth stations for MSS operating in the 1980 MHz to 2010 MHz (earth-to-space) and 2170 MHz to 2200 MHz (space-to-earth) frequency bands – Part 2: User Equipment (UE) for wideband systems – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 574-2 V1.1.1:2010)
- HRN EN 302 574-3 V1.1.1:2011 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana norma za satelitske zemaljske postaje za MSS u frekvencijskim područjima od 1980 MHz do 2010 MHz (smjer zemlja-nebo) i od 2170 MHz do 2200 MHz (smjer nebo-zemlja) – 3. dio: Korisnička oprema (UE) za uskopojasne sustave – Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 574-3 V1.1.1:2010)
Satellite Earth Stations and Systems (SES) – Harmonized Standard for satellite earth stations for MSS operating in the 1980 MHz to 2010 MHz (earth-to-space) and 2170 MHz to 2200 MHz (space-to-earth) frequency bands – Part 3: User Equipment (UE) for narrowband systems – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 574-3 V1.1.1:2010)
- HRN EN 302 645 V1.1.1:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Globalni navigacijski satelitski sustavi (GNSS) Repetitori – Harmonizirana europska norma EN obuhvaća bitne zahtjeve iz članka 3.2. direktive R&TTE (EN 302 645 V1.1.1:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices – Global Navigation Satellite Systems (GNSS) Repeaters – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 645 V1.1.1:2010)
- HRN EN 302 665 V1.1.1:2011 en pr
Inteligentni transportni sustavi (ITS) – Arhitektura komunikacija (EN 302 665 V1.1.1:2010)
Intelligent Transport Systems (ITS) – Communications Architecture (EN 302 665 V1.1.1:2010)
- HRN EN 302 885-1 V0.0.3:2011 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prijenosna radiotelefonska oprema vrlo visoke frekvencije (VHF) za pomorsku pokretnu službu koja radi u VHF pojasevima sa integriranim dlanovnikom klase D DSC (EN 302 885-1 V0.0.3:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Part 1: Technical characteristics and methods of measurement (EN 302 885-1 V0.0.3:2010)
- HRN EN 302 977 V1.1.2:2011 en pr
Satelitske zemaljske postaje i sustavi (SES) – Harmonizirana europska norma EN za zemaljske postaje ugrađene u vozila (VMES) koje rade u frekvencijskom pojasu 14/12 GHz te obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 977 V1.1.2:2010)
Satellite Earth Stations and Systems (SES) – Harmonized EN for Vehicle-Mounted Earth Stations (VMES) operating in the 14/12 GHz frequency bands covering the essential requirements of article 3.2 of the R&TTE directive (EN 302 977 V1.1.2:2010)
- HZNTU A1, *Usluge, proizvodi za kućanstvo i slobodno vrijeme 1***
- HRN EN 14974:2011 en pr
Facilities for users of roller sports equipment – Safety requirements and test methods (EN 14974:2006+A1:2010)
- 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 nacрте hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacрта 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 523, *Humanitarno razminiranje***
- nHRN 1129 hr izv
Humanitarno razminiranje – Terminološki rječnik
Humanitarian demining – Vocabulary
- HZNTO 556, *Osobna zaštitna oprema***
- nHRN EN 1868 hr,en,fr,de pp
Osobna zaštitna oprema protiv pada s visine – Popis istovrijednih naziva (EN 1868:1997)
Personal protective equipment against falls from a height – List of equivalent terms (EN 1868:1997)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

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

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

HZN/TO 28, *Naftni proizvodi i maziva*

EN ISO 20884:2011 en

Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry (ISO 20884:2011)

Naftni proizvodi – Određivanje sadržaja sumpora u gorivima za motorna vozila – Valno disperzivna rendgenska fluorescentna spektrometrija (ISO 20884:2011)

HZN/TO 108, *Mehaničke vibracije i udari*

DIN 4150-1:2001 de

Vibrations in buildings – Part 1: Prediction of vibration parameters
Vibracije u građevinama – 1. dio: Procjena vibracijskih parametara

DIN 4150-2:1999 de

Vibrations in buildings – Part 2: Effects on persons in buildings
Vibracije u građevinama – 2. dio: Djelovanje na ljude u građevinama

DIN 4150-3:1999 de

Vibration in buildings – Part 3: Effects on structures
Vibracije u građevinama – 3. dio: Djelovanje na konstrukcije

HZN/TO 120, *Koža i obuća*

EN ISO 17234-2:2011 en

Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 2: Determination of 4-aminoazobenzene (ISO 17234-2:2011)

Koža – Kemijska ispitivanja za određivanje određenih azo bojila u obojenoj koži – 2. dio: Određivanje 4-aminoazobenzena (ISO 17234-2:2011)

HZN/TO 136, *Namještaj*

EN 527-1:2011 en

Office furniture – Work tables and desks – Part 1: Dimensions
Uredski namještaj – Radni stolovi i pultovi – 1. dio: Dimenzije

EN 15185:2011 en

Furniture – Assessment of the surface resistance to abrasion
Namještaj – Procjena otpornosti površine na habanje

FprCEN/TS 16209 en

Furniture – Classification for properties for furniture surfaces
Namještaj – Razredba svojstava za površine namještaja

HZN/TO 146, *Kvaliteta zraka*

EN ISO 21258:2010 en

Stationary source emissions – Determination of the mass concentration of dinitrogen monoxide (N₂O) – Reference method: Non-dispersive infrared method (ISO 21258:2010)

Emisije iz stacionarnih izvora – Određivanje masene koncentracije didušikovog monoksida (N₂O) – Referentna metoda: nedisperzivna infracrvena metoda (ISO 21258:2010)

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

EN ISO 5667-23:2011 en

Water quality – Sampling – Part 23: Guidance on passive sampling in surface waters (ISO 5667-23:2011)
Kvaliteta vode – Uzorkovanje – 23. dio: Upute za pasivno uzorkovanje u površinskim vodama (ISO 5667-23:2011)

HZN/TO 190, *Kvaliteta tla*

ISO 14154:2005 en

Soil quality – Determination of selected phenols and chlorophenols – Gas-chromatographic method
Kvaliteta tla – Određivanje odabranih fenola i klorofenola – Plinsko-kromatografska metoda

ISO 15009:2002 en

Soil quality – Gas chromatographic determination of the content of volatile aromatic hydrocarbons, naphthalene and volatile halogenated hydrocarbons – Purge-and-trap method with thermal desorption
Kvaliteta tla – Određivanje sadržaja hlapljivih aromatskih ugljikovodika, naftalena i hlapljivih halogenih ugljikovodika plinskom kromatografijom – Metoda pročišćavanjem, adsorpcijom i termalnom desorpcijom (Purge-and-trap metoda)

ISO 18287:2006 en

Soil quality – Determination of polycyclic aromatic hydrocarbons (PAH) – Gas chromatographic method with mass spectrometric detection (GC-MS)
Kvaliteta tla – Određivanje policikličkih aromatskih ugljikovodika (PAH) – Plinsko-kromatografska metoda s detekcijom masenom spektrometrijom (GC-MS)

ISO 20279:2005 en

Soil quality – Extraction of thallium and determination by electrothermal atomic absorption spectrometry
Kvaliteta tla – Ekstrakcija talija i određivanje pomoću elektrotermalne atomske apsorpcijske spektrometrije

ISO 22036:2008 en

Soil quality – Determination of trace elements in extracts of soil by inductively coupled plasma-atomic emission spectrometry (ICP-AES)
Kvaliteta tla – Određivanje elemenata u tragovima u ekstraktima tla pomoću atomske emisijske spektrometrije induktivno spregnutom plazmom (ICP-OES)

ISO 22155:2011 en

Soil quality – Gas chromatographic determination of volatile aromatic and halogenated hydrocarbons and selected ethers – Static headspace method
Kvaliteta tla – Plinsko kromatografsko određivanje hlapljivih aromatskih i halogeniranih ugljikovodika i odabranih etera – Statička metoda ubrizgavanja lakohlapljivih spojeva (headspace metoda)

HZN/TO 211, *Geoinformacije/Geomatika*

EN ISO 6709:2009 en

Standard representation of geographic point location by coordinates (ISO 6709:2008+Cor 1:2009)
Standardni prikaz položaja geografske točke koordinatama (ISO 6709:2008+Cor 1:2009)

EN ISO 19115-2:2010 en

Geographic information – Metadata – Part 2: Extensions for imagery and gridded data (ISO 19115-2:2009)
Geoinformacije – Metapodaci – 2. dio: Proširenja za podatke snimaka i podatke u mrežnim okvirima (ISO 19115-2:2009)

EN ISO 19126:2009 en

Geographic information – Feature concept dictionaries and registers (ISO 19126:2009)
Geoinformacije – Rječnici i registri za koncepte objekata (ISO 19126:2009)

- EN ISO 19136:2009 en
Geographic information – Geography Markup Language (GML) (ISO 19136:2007)
Geoinformacije – Jezik za geooznačavanje (GML) (ISO 19136:2007)
- EN ISO 19141:2009 en
Geographic information – Schema for moving features (ISO 19141:2008)
Geoinformacije – Shema za pokretne objekte (ISO 19141:2008)
- EN ISO 19142:2010 en
Geographic information – Web Feature Service (ISO 19142:2010)
Geoinformacije – Web usluga za objekte (ISO 19142:2010)
- EN ISO 19146:2010 en
Geographic information – Cross-domain vocabularies (ISO 19146:2010)
Geoinformacije – Međudomenski rječnici (ISO 19146:2010)

HZN/TO 218, Drvo

- EN 13228:2011 en
Wood flooring – Solid wood overlay flooring elements including blocks with an interlocking system
Drvene podne obloge – Podni pokrovni elementi od masivnog drva s blokovima sa sustavom učvršćenja
- EN 13647:2011 en
Wood flooring and wood panelling and cladding – Determination of geometrical characteristics
Drvene podne obloge i drvene obloge za zidove i stropove – Određivanje geometrijskih značajka

HZN/TO 504, Korozija i zaštita metala i legura

- CEN/TS 14038-2:2011 en
Electrochemical realkalization and chloride extraction treatments for reinforced concrete – Part 2: Chloride extraction
Elektrokemijska realkalizacija i postupci ekstrakcije klorida za armirani beton – 2. dio: Ekstrakcija klorida

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

- CEN/TR 13097:2010 en
Characterization of sludges – Good practice for sludge utilisation in agriculture
Karakterizacija mulja – Dobra praksa za primjenu mulja u poljoprivredi
- CEN/TR 13714:2010 en
Characterisation of sludges – Sludge management in relation to use or disposal
Karakterizacija mulja – Gospodarenje muljem u smislu uporabe ili odlaganja

HZN/TO 531, Plastika i guma

- EN ISO 10350-2:2011 en
Plastics – Acquisition and presentation of comparable single-point data – Part 2: Long-fibre-reinforced plastics (ISO 10350-2:2011)
Plastika – Dobivanje i predstavljanje usporedivih pojedinačnih podataka – 2. dio: Plastika ojačana dugim vlaknima (ISO 10350-2:2011)
- EN ISO 15015:2011 en
Plastics – Extruded sheets of impact-modified acrylonitrile-styrene copolymers (ABS, AEPDS and ASA) – Requirements and test methods (ISO 15015:2011)
Plastika – Ekstrudirane folije akrilonitril-stirenskih kopolimera modificirane žilavosti (ABS, AEPDS i ASA) – Zahtjevi i metode ispitivanja (ISO 15015:2011)

HZN/TO 548, Konstrukcijski eurokodovi

- EN 1991-1-4:2005/A1:2010 en
Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions

Eurokod 1: Djelovanja na konstrukcije – Dio 1-4: Opća djelovanja – Djelovanja vjetra

- EN 1999-1-1:2007/A1:2009 en
Eurocode 9: Design of aluminium structures – Part 1-1: General structural rules
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-1: Opća pravila

HZN/TO 550, Opskrba vodom

- EN 1278:2010 en
Chemicals used for treatment of water intended for human consumption – Ozone
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Ozon
- EN 12485:2010 en
Chemicals used for treatment of water intended for human consumption – Calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide and calcium magnesium carbonate – Test methods
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Kalcijev karbonat, vapno s visokim udjelom kalcija, polužareni dolomit, magnezij oksid i kalcijev magnezijev karbonat – Metode ispitivanja
- EN 13177:2010 en
Chemicals used for treatment of water intended for human consumption – Methanol
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Metanol
- EN 15664-2:2010 en
Influence of metallic materials on water intended for human consumption – Dynamic rig test for assessment of metal release – Part 2: Test waters

HZN/TO E9, Električna oprema za željeznicu

- EN 50119:2009 en
Railway applications – Fixed installations – Electric traction overhead contact lines
Željezničke primjene – Stabilna postrojenja – Nadzemni kontakti vodovi u električnoj vuči
- EN 50122-2:2010 en
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 2: Provisions against the effects of stray currents caused by d.c. traction systems
Željezničke primjene – Stabilna postrojenja – Električna sigurnost, uzemljivanje i povratni krug – 2. dio: Mjere protiv učinaka lutajućih struja od istosmjernih sustava vuče
- EN 50122-3:2010 en
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 3: Mutual interaction of a.c. and d.c. traction systems
Željezničke primjene – Stabilna postrojenja – Električna sigurnost, uzemljivanje i povratni krug – 3. dio: Međusobno djelovanje izmjeničnih i istosmjernih sustava vuče
- prEN 50152-1:2011 en
Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 1: Circuit-breakers with nominal voltage above 1 kV
- prEN 50152-2:2011 en
Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 2: Disconnectors, earthing switches and switches with nominal voltage above 1 kV
- EN 50159:2010 en
Railway applications – Communication, signalling and processing systems – Safety-related communication in transmission systems
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – Sigurnosna komunikacija u prijenosnim sustavima

- EN 50206-1:2010 en
Railway applications – Rolling stock – Pantographs: Characteristics and tests – Part 1: Pantographs for main line vehicles
Željezničke primjene – Željeznička vozila – Pantografi: Karakteristike i ispitivanja – 1. dio: Pantografi za vozila za otvorenu prugu
- EN 50206-2:2010 en
Railway applications – Rolling stock – Pantographs: Characteristics and tests – Part 2: Pantographs for metros and light rail vehicles
Željezničke primjene – Željeznička vozila – Pantografi: Karakteristike i ispitivanja – 2. dio: Pantografi za podzemne željeznice i lagana željeznička vozila
- EN 50215:2009 en
Railway applications – Rolling stock – Testing of rolling stock on completion of construction and before entry into service
Željezničke primjene – Željeznička vozila – Ispitivanje željezničkih vozila nakon završetka izrade i prije stavljanja u promet
- EN 50329:2003/A1:2010 en
Railway applications – Fixed installations – Traction transformers
Željezničke primjene – Stabilna postrojenja – Vučni transformatori
- EN 50345:2009 en
Railway applications – Fixed installations – Electric traction – Insulating synthetic rope assemblies for support of overhead contact lines
Željezničke primjene – Stabilna postrojenja – Električna vuča – Sklop izolacijskoga sintetičkog užeta za potporu nadzemnoga kontaktnog voda
- EN 50463:2007 en
Railway applications – Energy measurement on board trains
Željezničke primjene – Mjerenje energije na vozilima
- EN 60349-1:2010 en
Electric traction – Rotating electrical machines for rail and road vehicles – Part 1: Machines other than electronic converter-fed alternating current motors (IEC 60349-1:2010)
Električna vuča – Električni rotacijski strojevi za tračnička i cestovna vozila – 1. dio: Strojevi osim izmjeničnih motora napajanih iz elektroničkih pretvarača (IEC 60349-1:2010)
- EN 60349-2:2010 en
Electric traction – Rotating electrical machines for rail and road vehicles – Part 2: Electronic converter-fed alternating current motors (IEC 60349-2:2010)
Električna vuča – Električni rotacijski strojevi za željeznička i cestovna vozila – 2. dio: Izmjenični motori napajani iz elektroničkih pretvarača (IEC 60349-2:2010)
- EN 61373:2010 en
Railway applications – Rolling stock equipment – Shock and vibration tests (IEC 61373:2010)
Željezničke primjene – Oprema za željeznička vozila – Ispitivanja na udare i vibracije (IEC 61373:2010)
- EN 61881-1:2011 en
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 1: Paper/plastic film capacitors (IEC 61881-1:2010)
Željezničke primjene – Oprema za željeznička vozila – Kondenzatori za energetsku elektroniku – 1. dio: Kondenzatori s papirnatim ili plastičnim filmom (IEC 61881-1:2010)
- EN 62267:2009 en
Railway applications – Automated urban guided transport (AUGT) – Safety requirements (IEC 62267:2009)
Željezničke primjene – Automatski vođeni gradski promet (AUGT) – Sigurnosni zahtjevi (IEC 62267:2009)
- HZN/TO E17, Sklopni i upravljački uređaji**
EN 60947-2:2006/A1:2009 en
Low-voltage switchgear and controlgear – Part 2: Circuit-breakers (IEC 60947-2:2006/am1:2009)
Niskonaponska sklopna aparatura – 2. dio: Prekidači (IEC 60947-2:2006/am1:2009)
- HZN/TO E23, Električni instalacijski pribor**
HD 639 S1:2002/A2:2010 en
Electrical accessories – Portable residual current devices without integral overcurrent protection for household and similar use
Elektroinstalacijski pribor – Prenosive strujne zaštitne sklopke, bez združene nadstrujne zaštite za kućanstvo i sličnu uporabu
- EN 50085-2-3:2010 en
Cable trunking systems and cable ducting systems for electrical installations – Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinet
Sustavi za nošenje i vođenje kabela za električne instalacije – Dio 2-3: Posebni zahtjevi za češljaste sustave za nošenje kabela, namijenjene za instaliranje u razvodne ormariće
- EN 60669-2-1:2004/A12:2010 en
Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic switches
Sklopke za kućanstvo i slične fiksne električne instalacije – Dio 2-1: Posebni zahtjevi – Elektroničke sklopke
- IEC 60884-2-7:2011 en
Plugs and socket-outlets for household and similar purposes – Part 2-7: Particular requirements for cord extension sets
Utikači i utičnice za kućanstvo i slične svrhe – Dio 2-7: Posebni zahtjevi za produžne setove priključnih gipkih vodova
- EN 61009-1:2004/A11:2008 en
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične upotrebe (RCBO-i) – 1. dio: Opća pravila
- EN 61058-2-1:2011 en
Switches for appliances – Part 2-1: Particular requirements for cord switches (IEC 61058-2-1:2010)
Sklopke za aparate – Dio 2-1: Posebni zahtjevi za sklopke na priključnim gipkim vodovima (IEC 61058-2-1:2010)
- EN 61058-2-5:2011 en
Switches for appliances – Part 2-5: Particular requirements for change-over selectors (IEC 61058-2-5:2010)
Sklopke za aparate – Dio 2-5: Posebni zahtjevi za preklopke (IEC 61058-2-5:2010)
- EN 61210:2010 en
Connecting devices – Flat quick-connect terminations for electrical copper conductors – Safety requirements (IEC 61210:2010, MOD)
Priključne naprave – Plosnati brzi priključci za električne bakrene vodiče – Sigurnosni zahtjevi (IEC 61210:2010, MOD)
- EN 61386-21:2004/A11:2011 en
Conduit systems for cable management – Part 21: Particular requirements – Rigid conduit systems
Sustavi cijevi za vođenje kabela – 21. dio: Posebni zahtjevi – Sustavi krutih cijevi

- EN 61386-22:2004/A11:2011 en
Conduit systems for cable management – Part 22:
Particular requirements – Pliable conduit systems
Sustavi cijevi za vođenje kabela – 22. dio: Posebni
zahtjevi – Sustavi savitljivih cijevi
- EN 61386-23:2004/A11:2011 en
Conduit systems for cable management – Part 23:
Particular requirements – Flexible conduit systems
Sustavi cijevi za vođenje kabela – 23. dio: Posebni
zahtjevi – Sustavi gipkih cijevi
- EN 61386-24:2010 en
Conduit systems for cable management – Part 24:
Particular requirements – Conduit systems buried
underground (IEC 61386-24:2004)
Sustavi cijevi za vođenje kabela – 24. dio: Posebni
zahtjevi – Sustavi cijevi za podzemno polaganje
(IEC 61386-24:2004)

HZNTO E31, *Eksplozivne atmosfere*

- EN 60079-13:2010 en
Explosive atmospheres – Part 13: Equipment protection
by pressurized room “p” (IEC 60079-13:2010)
Eksplozivne atmosfere – 13. dio: Vrsta zaštite opreme
prostorije pod nadtlakom „p” (IEC 60079-13:2010)
- EN 60079-19:2011 en
Explosive atmospheres – Part 19: Equipment repair,
overhaul and reclamation (IEC 60079-19:2010)
Eksplozivne atmosfere – 19. dio: Popravak, obnova i
pregradnja opreme (IEC 60079-19:2010)

HZNTO E34, *Žarulje, svjetiljke i pripadna oprema*

- EN 62035:2000/FprA2:2011 en
Discharge lamps (excluding fluorescent lamps) –
Safety specifications (IEC 62035:1999/am2:201X)

HZNTO E55, *Žice za namote*

- FprEN 60317-0-7:2011 en
Specifications for particular types of winding wires –
Part 0-7: General requirements – Fully insulated (FIW)
zero-defect enamelled winding wires
(IEC 60317-0-7:201X)
- FprEN 60317-56:2011 en
Specifications for particular types of winding wires –
Part 56: Solderable fully insulated (FIW) zero-defect
polyurethane enamelled winding wire, class 180
(IEC 60317-56:201X)

HZNTO E57, *Upravljanje energetskim sustavom i pridružene komunikacije*

- EN 60870-5-6:2009 en
Telecontrol equipment and systems – Part 5-6:
Guidelines for conformance testing for the EN 60870-5
companion standards (IEC 60870-5-6:2006)
Oprema i sustavi za daljinsko upravljanje – Dio 5-6:
Smjernice za ispitivanje sukladnosti za pridruženu
normu EN 60870-5 (IEC 60870-5-6:2006)
- FprEN 61850-5:2011 en
Communication networks and systems for power utility
automation – Part 5: Communication requirements for
functions and device models (IEC 61850-5:201X)
- EN 61850-6:2010 en
Communication networks and systems for power
utility automation – Part 6: Configuration description
language for communication in electrical substations
related to IEDs (IEC 61850-6:2009)
Komunikacijske mreže i sustavi za automatizaciju u
elektroprivredi – 6. dio: Konfiguracija opisnog jezika za
komunikaciju u transformatorskim stanicama s obzirom
na IED-ove (IEC 61850-6:2009)
- EN 61850-7-2:2010 en
Communication networks and systems for power
utility automation – Part 7-2: Basic information and
communication structure – Abstract communication
service interface (ACSI) (IEC 61850-7-2:2010)

Komunikacijske mreže i sustavi za automatizaciju
u elektroprivredi – Dio 7-2: Osnovna informatička
i komunikacijska struktura – Apstraktno sučelje
komunikacijskih usluga (ACSI) (IEC 61850-7-2:2010)

- EN 61850-7-3:2011 en
Communication networks and systems for power utility
automation – Part 7-3: Basic communication structure
– Common data classes (IEC 61850-7-3:2010)
Komunikacijske mreže i sustavi za automatizaciju u
elektroprivredi – Dio 7-3: Osnovna komunikacijska
struktura – Zajedničke klase podataka
(IEC 61850-7-3:2010)
- EN 61850-7-4:2010 en
Communication networks and systems for power utility
automation – Part 7-4: Basic communication structure
– Compatible logical node classes and data object
classes (IEC 61850-7-4:2010)
Komunikacijske mreže i sustavi za automatizaciju u
elektroprivredi – Dio 7-4: Osnovna komunikacijska
struktura – Klase kompatibilnih logičkih čvorišta i klase
podatkovnih objekata (IEC 61850-7-4:2010)
- EN 61850-7-420:2009 en
Communication networks and systems for power
utility automation – Part 7-420: Basic communication
structure – Distributed energy resources logical nodes
(IEC 61850-7-420:2009)
Komunikacijske mreže i sustavi za automatizaciju u
elektroprivredama – Dio 7-420: Osnovna komunikacijska
struktura – Logička čvorišta za distribuirane izvore
električne energije (IEC 61850-7-420:2009)
- EN 61968-9:2009 en
Application integration at electric utilities – System
interfaces for distribution management – Part 9:
Interface for meter reading and control
(IEC 61968-9:2009)
Integracija aplikacija u elektroprivredi – Sučelja za
sustave upravljanja u distribuciji – 9. dio: Sučelje za
očitanje i upravljanje brojljima (IEC 61968-9:2009)
- EN 61968-11:2010 en
Application integration at electric utilities – System
interfaces for distribution management – Part 11:
Common information model (CIM) extensions for
distribution (IEC 61968-11:2010)
Integracija aplikacija u elektroprivredi – Sučelja za
sustave upravljanja u distribuciji – 11. dio: Proširenja
zajedničkog modela podatka (CIM) za distribuciju
(IEC 61968-11:2010)
- EN 61968-13:2008 en
Application integration at electric utilities – System
interfaces for distribution management – Part 13: CIM
RDF Model exchange format for distribution
(IEC 61968-13:2008)
Integracija aplikacija u elektroprivredi – Sučelja za
sustave upravljanja u distribuciji – 13. dio: CIM RDF
format za razmjenu modela za distribuciju
(IEC 61968-13:2008)
- EN 61970-402:2008 en
Energy management system application program
interface (EMS-API) – Part 402: Common services
(IEC 61970-402:2008)
Sučelje za aplikacije vođenja elektroenergetskog
sustava (EMS-API) – 402. dio: Zajedničke usluge
(IEC 61970-402:2008)
- EN 61970-403:2008 en
Energy management system application program
interface (EMS-API) – Part 403: Generic data access
(IEC 61970-403:2008)
Sučelje za aplikacije vođenja elektroenergetskog
sustava (EMS-API) – 403. dio: Opći pristup podacima
(IEC 61970-403:2008)

EN 61970-453:2008 en
Energy management system application program interface (EMS-API) – Part 453: CIM based graphics exchange (IEC 61970-453:2008)
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) 453. dio: Izmjena grafičkih podataka utemeljena na CIM-u (IEC 61970-453:2008)

HZNTO E61, Sigurnost električnih kućanskih i sličnih aparata

EN 60335-1:2002/A13:2008 en
Household and similar electrical appliances – Safety – Part 1: General requirements
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi

EN 60335-1:2002/A14:2010 en
Household and similar electrical appliances – Safety – Part 1: General requirements
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi

EN 60335-2-102:2006/A1:2010 en
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (IEC 60335-2-102:2004/am1:2008, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-102: Posebni zahtjevi za aparate na plinsko, uljno i kruto gorivo s električnim priključkom (IEC 60335-2-102:2004/am1:2008, MOD)

EN 60335-2-103:2003/A11:2009 en
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vežnih vrata, vrata i prozora

EN 60335-2-105:2005/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets
Kućanski i slični električni aparati – Sigurnost – Dio 2-105: Posebni zahtjevi za višenamjenske tuševe

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

EN 60335-2-11:2010 en
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2008, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-11: Posebni zahtjevi za bubnjaste sušilice (IEC 60335-2-11:2008, MOD)

EN 60335-2-13:2010 en
Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances (IEC 60335-2-13:2009)
Kućanski i slični električni aparati – Sigurnost – Dio 2-13: Posebni zahtjevi za friteze, tave za prženje i slične aparate (IEC 60335-2-13:2009)

EN 60335-2-17:2002/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances (IEC 60335-2-17:2002/am2:2008, MOD)

Kućanski i slični električni aparati – Sigurnost – Dio 2-17: Posebni zahtjevi za grijače pokrivače, jastuke i slične gibljive grijače aparate (IEC 60335-2-17:2002/am2:2008, MOD)

EN 60335-2-2:2010 en
Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (IEC 60335-2-2:2009)
Kućanski i slični električni aparati – Sigurnost – Dio 2-2: Posebni zahtjevi za usisavače prašine i usisavače vode (IEC 60335-2-2:2009)

EN 60335-2-21:2003/A2:2008 en
Household and similar electrical appliances – Safety – Part 2-21: Particular requirements for storage water heaters (IEC 60335-2-21:2002/am2:2008)
Kućanski i slični električni aparati – Sigurnost – Dio 2-21: Posebni zahtjevi za akumulacijske vodogrija lice (IEC 60335-2-21:2002/am2:2008)

EN 60335-2-2:2003/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-2: Posebni zahtjevi za usisavače i aparate za čišćenje koji usisavaju vodu

EN 60335-2-23:2003/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-23: Particular requirements for appliances for skin or hair care
Kućanski i slični električni aparati – Sigurnost – Dio 2-23: Posebni zahtjevi za aparate za njegu kože ili kose

EN 60335-2-24:2010 en
Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers (IEC 60335-2-24:2010)
Kućanski i slični električni aparati – Sigurnost – Dio 2-24: Posebni zahtjevi za hladnjake, ledenice, sladoledarice i ledarice (IEC 60335-2-24:2010)

EN 60335-2-24:2003/A12:2009 en
Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers
Kućanski i slični električni aparati – Sigurnost – Dio 2-24: Posebni zahtjevi za hladnjake, ledenice, sladoledarice i ledarice

EN 60335-2-25:2002/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens
Kućanski i slični električni aparati – Sigurnost – Dio 2-25: Posebni zahtjevi za mikrovalne pećnice, uključujući i složene mikrovalne pećnice

EN 60335-2-27:2010 en
Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation (IEC 60335-2-27:2002, MOD+am1:2004, MOD+am2:2007, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-27: Posebni zahtjevi za aparate za izlaganje kože ultraljubičastomu i infracrvenomu zračenju (IEC 60335-2-27:2002, MOD+am1:2004, MOD+am2:2007, MOD)

EN 60335-2-29:2004/A2:2010 en
Household and similar electrical appliances – Safety – Part 2-29: Particular requirements for battery chargers (IEC 60335-2-29:2002/am2:2009)

- Kućanski i slični električni aparati – Sigurnost – Dio 2-29: Posebni zahtjevi za punilice baterija (IEC 60335-2-29:2002/am2:2009)
- EN 60335-2-30:2009 en
Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters (IEC 60335-2-30:2009)
Kućanski i slični električni aparati – Sigurnost – Dio 2-30: Posebni zahtjevi za grijalice prostorija (IEC 60335-2-30:2009)
- EN 60335-2-31:2003/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (IEC 60335-2-31:2002/am2:2008)
Kućanski i slični električni aparati – Sigurnost – Dio 2-31: Posebni zahtjevi za kuhinjske usisne nape (IEC 60335-2-31:2002/am2:2008)
- EN 60335-2-3:2002/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons
Kućanski i slični električni aparati – Sigurnost – Dio 2-3: Posebni zahtjevi za električna glačala
- EN 60335-2-34:2002/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors (IEC 60335-2-34:2002/am2:2008)
Kućanski i slični električni aparati – Sigurnost – Dio 2-34: Posebni zahtjevi za motorne kompresore (IEC 60335-2-34:2002/am2:2008)
- EN 60335-2-4:2010 en
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors (IEC 60335-2-4:2008, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-4: Posebni zahtjevi za centrifuge rublja (IEC 60335-2-4:2008, MOD)
- EN 60335-2-40:2003/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (IEC 60335-2-40:2002/am2:2005, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-40: Posebni zahtjevi za električne toplinske crpke, klima aparate i sušila zraka (IEC 60335-2-40:2002/am2:2005, MOD)
- EN 60335-2-41:2003/A2:2010 en
Household and similar electrical appliances – Safety – Part 2-41: Particular requirements for pumps (IEC 60335-2-41:2002/am2:2009)
Kućanski i slični električni aparati – Sigurnost – Dio 2-41: Posebni zahtjevi za crpke (IEC 60335-2-41:2002/am2:2009)
- EN 60335-2-5:2003/A11:2009 en
Household and similar electrical appliances – Safety – Part 2-5: Particular requirements for dishwashers
Kućanski i slični električni aparati – Sigurnost – Dio 2-5: Posebni zahtjevi za perilice posuđa
- EN 60335-2-52:2003/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-52: Posebni zahtjevi za aparate za higijenu usta
- EN 60335-2-54:2008 en
Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam (IEC 60335-2-54:2008)
Kućanski i slični električni aparati – Sigurnost – Dio 2-54: Posebni zahtjevi za kućanske aparate za čišćenje površina primjenom tekućina ili pare (IEC 60335-2-54:2008)
- EN 60335-2-58:2005/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-58: Particular requirements for commercial electric dishwashing machines
Kućanski i slični električni aparati – Sigurnost – Dio 2-58: Posebni zahtjevi za komercijalne električne perilice posuđa
- EN 60335-2-59:2003/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-59: Particular requirements for insect killers (IEC 60335-2-59:2002/am2:2009)
Kućanski i slični električni aparati – Sigurnost – Dio 2-59: Posebni zahtjevi za muholovke (IEC 60335-2-59:2002/am2:2009)
- EN 60335-2-60:2003/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-60: Particular requirements for whirlpool baths and whirlpool spas
Kućanski i slični električni aparati – Sigurnost – Dio 2-60: Posebni zahtjevi za vrtložne kupke
- EN 60335-2-60:2003/A12:2010 en
Household and similar electrical appliances – Safety – Part 2-60: Particular requirements for whirlpool baths and whirlpool spas
Kućanski i slični električni aparati – Sigurnost – Dio 2-60: Posebni zahtjevi za vrtložne kupke
- EN 60335-2-6:2003/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-6: Posebni zahtjevi za nepomične štednjake, kuhala, pećnice i slične aparate
- EN 60335-2-67:2009 en
Household and similar electrical appliances – Safety – Part 2-67: Particular requirements for floor treatment and floor cleaning machines for industrial and commercial use (IEC 60335-2-67:2002, MOD+am1:2005, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-67: Posebni zahtjevi za strojeve za obradu i čišćenje podova za industrijsku i komercijalnu uporabu (IEC 60335-2-67:2002, MOD+am1:2005, MOD)
- EN 60335-2-68:2009 en
Household and similar electrical appliances – Safety – Part 2-68: Particular requirements for spray extraction machines for industrial and commercial use (IEC 60335-2-68:2002, MOD+am1:2005, MOD+am2:2007, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-68: Posebni zahtjevi za industrijske i komercijalne čistilice rošenjem (IEC 60335-2-68:2002, MOD+am1:2005, MOD+am2:2007, MOD)
- EN 60335-2-69:2009 en
Household and similar electrical appliances – Safety – Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for industrial and commercial use (IEC 60335-2-69:2002, MOD+am1:2004, MOD+am2:2007, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-69: Posebni zahtjevi za usisavače prašine i vode s rotirajućom četkom, za industrijsku i komercijalnu uporabu (IEC 60335-2-69:2002, MOD+am1:2004, MOD+am2:2007, MOD)
- EN 60335-2-7:2010 en
Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines (IEC 60335-2-7:2008, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja (IEC 60335-2-7:2008, MOD)

- EN 60335-2-72:2009 en
Household and similar electrical appliances – Safety – Part 2-72: Particular requirements for automatic machines for floor treatment for commercial and industrial use (IEC 60335-2-72:2002, MOD+am1:2005, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-72: Posebni zahtjevi za automatske strojeve za obradu poda za komercijalnu i industrijsku uporabu (IEC 60335-2-72:2002, MOD+am1:2005, MOD)
- EN 60335-2-7:2003/A11:2010 en
Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines
Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja
- EN 60335-2-73:2003/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-73: Particular requirements for fixed immersion heaters (IEC 60335-2-73:2002/am2:2009)
Kućanski i slični električni aparati – Sigurnost – Dio 2-73: Posebni zahtjevi za učvršćena uronjena grijala (IEC 60335-2-73:2002/am2:2009)
- EN 60335-2-74:2003/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-74: Particular requirements for portable immersion heaters (IEC 60335-2-74:2002/am2:2009)
Kućanski i slični električni aparati – Sigurnost – Dio 2-74: Posebni zahtjevi za pomična uronjiva grijala (IEC 60335-2-74:2002/am2:2009)
- EN 60335-2-75:2004/A12:2010 en
Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines
Kućanski i slični električni aparati – Sigurnost – Dio 2-75: Posebni zahtjevi za poslovne raspodjelne aparate i prodajne automate
- EN 60335-2-76:2005/A12:2010 en
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde
- EN 60335-2-79:2009 en
Household and similar electrical appliances – Safety – Part 2-79: Particular requirements for high pressure cleaners and steam cleaners (IEC 60335-2-79:2002, MOD+am1:2004, MOD+am2:2007, MOD)
Kućanski i slični električni aparati – Sigurnost – Dio 2-79: Posebni zahtjevi za visokotlačne i parne čistilice (IEC 60335-2-79:2002, MOD+am1:2004, MOD+am2:2007, MOD)
- EN 60335-2-80:2003/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans (IEC 60335-2-80:2002/am2:2008)
Kućanski i slični električni aparati – Sigurnost – Dio 2-80: Posebni zahtjevi za ventilatore (IEC 60335-2-80:2002/am2:2008)
- EN 60335-2-89:2010 en
Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor (IEC 60335-2-89:2010)
Kućanski i slični električni aparati – Sigurnost – Dio 2-89: Posebni zahtjevi za komercijalne rashladne aparate s ugrađenim ili udaljenim kondenzatorom ili kompresorom (IEC 60335-2-89:2010)
- EN 60335-2-90:2006/A1:2010 en
Household and similar electrical appliances – Safety – Part 2-90: Particular requirements for commercial microwave ovens (IEC 60335-2-90:2006/am1:2010)
Kućanski i slični električni aparati – Sigurnost – Dio 2-90: Posebni zahtjevi za komercijalne mikrovalne pećnice (IEC 60335-2-90:2006/am1:2010)
- EN 60335-2-9:2003/A13:2010 en
Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-9: Posebni zahtjevi za roštilje, pržila kruha i slične pomične aparate za kuhanje
- EN 60335-2-96:2002/A2:2009 en
Household and similar electrical appliances – Safety – Part 2-96: Particular requirements for flexible sheet heating elements for room heating (IEC 60335-2-96:2002/am2:2008)
Kućanski i slični električni aparati – Sigurnost – Dio 2-96: Posebni zahtjevi za gibljive pločaste elemente za sobno grijanje (IEC 60335-2-96:2002/am2:2008)
- EN 60335-2-97:2006/A11:2008 en
Household and similar electrical appliances – Safety – Part 2-97: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment
Kućanski i slični električni aparati – Sigurnost – Dio 2-97: Posebni zahtjevi za pogone rebrenica, platnenih zaslona, zaštitnih zavjesa i sličnih naprava
- EN 60335-2-97:2006/A2:2010 en
Household and similar electrical appliances – Safety – Part 2-97: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment (IEC 60335-2-97:2002/am2:2008)
Kućanski i slični električni aparati – Sigurnost – Dio 2-97: Posebni zahtjevi za pogone rebrenica, platnenih zaslona, zaštitnih zavjesa i sličnih naprava (IEC 60335-2-97:2002/am2:2008)
- EN 61770:2009 en
Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets (IEC 61770:2008)
Električni aparati spojeni na vodovod – Izbjegavanje povratnog usisa i otkazivanja cijevnoga priključka (IEC 61770:2008)

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

- EN 60065:2002/A2:2010 en
Audio, video and similar electronic apparatus – Safety requirements (IEC 60065:2001/am2:2010, MOD)
Audio, video i slični elektronički uređaji – Sigurnosni zahtjevi (IEC 60065:2001/am2:2010, MOD)
- IEC/TS 62441:2011 en
Safeguards against accidentally caused candle flame ignition for audio/video, communication and information technology equipment
Zaštitne naprave protiv zapaljenja audio, video i komunikacijske opreme te opreme informacijske tehnologije slučajno izazvanog plamenom svijeće

HZN/TO E112, Procjena i značajke električnih izolacijskih materijala i sustava

- FprEN 60544-5:2011 en
Electrical insulating materials – Determination of the effects of ionizing radiation – Part 5: Procedures for assessment of ageing in service (IEC 60544-5:201X)

HZNTO Z1, Informacijska tehnologija

- FprEN ISO/IEC 19762-1 en
Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 1: General terms relating to AIDC (ISO/IEC 19762-1:2008)
- FprEN ISO/IEC 19762-3 en
Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 3: Radio frequency identification (RFID) (ISO/IEC 19762-3:2008)

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

- EN 957-4:2006+A1:2010 en
Stationary training equipment – Part 4: Strength training benches, additional specific safety requirements and test methods
- EN 1069-1:2010 en
Water slides – Part 1: Safety requirements and test methods
- EN 1069-2:2010 en
Water slides – Part 2: Instructions
- EN 14975:2006+A1:2010 en
Loft ladders – Requirements, marking and testing
- EN 15312:2007+A1:2010 en
Free access multi-sports equipment – Requirements, including safety and test methods
- EN 15907:2010 en
Film identification – Enhancing interoperability of metadata – Element sets and structures
- EN 15927:2010 en
Services offered by hearing aid professionals

HZNTU I1, Strojarstvo 1

- prEN 16252 en
Machines for compacting waste materials or recyclable fractions – Horizontal baling presses – Safety requirements

HZNTU I2, Strojarstvo 2

- EN 710:1997+A1:2010 en
Safety requirements for foundry moulding and coremaking machinery and plant associated equipment
- EN 746-2:2010 en
Industrial thermoprocessing equipment – Part 2: Safety requirements for combustion and fuel handling systems
- EN 12975-1:2006+A1:2010 en
Thermal solar systems and components – Solar collectors – Part 1: General requirements
- EN 13020:2004+A1:2010 en
Road surface treatment machines – Safety requirements
- EN 13035-11:2006+A1:2010 en
Machines and plants for the manufacture, treatment and processing of flat glass – Safety requirements – Part 11: Drilling machines
- EN 13675:2004+A1:2010 en
Safety of machinery – Safety requirements for tube forming and rolling mills and their finishing line equipment
- EN 14656:2006+A1:2010 en
Safety of machinery – Safety requirements for extrusion presses for steel and non-ferrous metals
- EN 14673:2006+A1:2010 en
Safety of machinery – Safety requirements for hydraulically powered open die hot forging presses for the forging of steel and non-ferrous metals

- EN 14681:2006+A1:2010 en
Safety of machinery – Safety requirements for machinery and equipment for production of steel by electric arc furnaces
- EN 15632-2:2010 en
District heating pipes – Pre-insulated flexible pipe systems – Part 2: Bonded plastic service pipes – Requirements and test methods
- EN 15632-3:2010 en
District heating pipes – Pre-insulated flexible pipe systems – Part 3: Non bonded system with plastic service pipes; requirements and test methods

HZNTU M1, Metalni materijali 1

- EN 1811:2011 en
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
- EN ISO 2739:2010 en
Sintered metal bushes – Determination of radial crushing strength (ISO 2739:2006)
- EN ISO 2740:2009 en
Sintered metal materials, excluding hardmetals – Tensile test pieces (ISO 2740:2009)
- EN ISO 3327:2009 en
Hardmetals – Determination of transverse rupture strength (ISO 3327:2009)
- EN ISO 3369:2010 en
Impermeable sintered metal materials and hardmetals – Determination of density (ISO 3369:2006)
- EN ISO 3738-1:2010 en
Hardmetals – Rockwell hardness test (scale A) – Part 1: Test method (ISO 3738-1:1982)
- EN ISO 3907:2009 en
Hardmetals – Determination of total carbon – Gravimetric method (ISO 3907:2009)
- EN ISO 3908:2009 en
Hardmetals – Determination of insoluble (free) carbon – Gravimetric method (ISO 3908:2009)
- EN ISO 3923-1:2010 en
Metallic powders – Determination of apparent density – Part 1: Funnel method (ISO 3923-1:2008)
- EN ISO 3927:2011 en
Metallic powders, excluding powders for hardmetals – Determination of compressibility in uniaxial compression (ISO 3927:2011)
- EN ISO 4499-1:2010 en
Hardmetals – Metallographic determination of microstructure – Part 1: Photomicrographs and description (ISO 4499-1:2008)
- EN ISO 4499-2:2010 en
Hardmetals – Metallographic determination of microstructure – Part 2: Measurement of WC grain size (ISO 4499-2:2008)
- EN ISO 7625:2010 en
Sintered metal materials, excluding hardmetals – Preparation of samples for chemical analysis for determination of carbon content (ISO 7625:2006)
- EN 12472:2005+A1:2009 en
Method for the simulation of wear and corrosion for the detection of nickel release from coated items
- EN 14879-6:2009 en
Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media – Part 6: Combined linings with tile and brick layers

HZNTU N1, *Nemetalni materijali 1*

- EN 15357:2011 en
Solid recovered fuels – Terminology, definitions and descriptions
- EN 15358:2011 en
Solid recovered fuels – Quality management systems – Particular requirements for their application to the production of solid recovered fuels
- EN 15400:2011 en
Solid recovered fuels – Determination of calorific value
- EN 15402:2011 en
Solid recovered fuels – Determination of the content of volatile matter
- EN 15403:2011 en
Solid recovered fuels – Determination of ash content
- EN 15407:2011 en
Solid recovered fuels – Methods for the determination of carbon (C), hydrogen (H) and nitrogen (N) content
- EN 15408:2011 en
Solid recovered fuels – Methods for the determination of sulphur (S), chlorine (Cl), fluorine (F) and bromine (Br) content
- EN 15414-3:2011 en
Solid recovered fuels – Determination of moisture content using the oven dry method – Part 3: Moisture in general analysis sample
- EN 15440:2011 en
Solid recovered fuels – Methods for the determination of biomass content
- EN 15442:2011 en
Solid recovered fuels – Methods for sampling
- EN 15443:2011 en
Solid recovered fuels – Methods for the preparation of the laboratory sample
- EN 15979:2011 en
Testing of ceramic raw and basic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by OES by DC arc excitation
- EN 15991:2011 en
Testing of ceramic and basic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by inductively coupled plasma optical emission spectrometry (ICP OES) with electrothermal vaporisation (ETV)

HZNTU S1, *Zdravlje, okoliš i medicinska oprema 1*

- EN 12006-3:1998+A1:2009 en
Non active surgical implants – Particular requirements for cardiac and vascular implants – Part 3: Endovascular devices
- EN ISO 24415-1:2009 en
Tips for assistive products for walking – Requirements and test methods – Part 1: Friction of tips (ISO 24415-1:2009)

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

- prEN ISO 21487 en
Small craft – Permanently installed petrol and diesel fuel tanks (ISO/DIS 21487:2011)

HZNTU U1, *Opća elektrotehnika 1*

- EN 60027-7:2010 en
Letter symbols to be used in electrical technology – Part 7: Power generation, transmission and distribution (IEC 60027-7:2010)

- EN 60068-2-53:2010 en
Environmental testing – Part 2-53: Tests and guidance – Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests (IEC 60068-2-53:2010)
- EN 60071-1:2006/A1:2010 en
Insulation co-ordination – Part 1: Definitions, principles and rules (IEC 60071-1:2006/am1:2010)
- EN 60127-2:2003/A2:2010 en
Miniature fuses – Part 2: Cartridge fuse-links (IEC 60127-2:2003/am2:2010)
- HD 60269-2:2010 en
Low-voltage fuses – Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) – Examples of standardized systems of fuses A to J (IEC 60269-2:2010, MOD)
- HD 60269-3:2010 en
Low-voltage fuses – Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) – Examples of standardized systems of fuses A to F (IEC 60269-3:2010, MOD)
- EN 60445:2010 en
Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2010)
- EN 60664-3:2003/A1:2010 en
Insulation coordination for equipment within low-voltage systems – Part 3: Use of coating, potting or moulding for protection against pollution (IEC 60664-3:2003/am1:2010+Corr.1:2010)
- EN 60691:2003/A2:2010 en
Thermal-links – Requirements and application guide (IEC 60691:2002/am2:2010)
- EN 60695-1-10:2010 en
Fire hazard testing – Part 1-10: Guidance for assessing the fire hazard of electrotechnical products – General guidelines (IEC 60695-1-10:2009)
- EN 60695-1-11:2010 en
Fire hazard testing – Part 1-11: Guidance for assessing the fire hazard of electrotechnical products – Fire hazard assessment (IEC 60695-1-11:2010)
- EN 60695-2-12:2010 en
Fire hazard testing – Part 2-12: Glowing/hot-wire based test methods – Glow-wire flammability index (GWFI) test method for materials (IEC 60695-2-12:2010)
- EN 60695-2-13:2010 en
Fire hazard testing – Part 2-13: Glowing/hot-wire based test methods – Glow-wire ignition temperature (GWIT) test method for materials (IEC 60695-2-13:2010)
- EN 60695-6-1:2005/A1:2010 en
Fire hazard testing – Part 6-1: Smoke obscuration – General guidance (IEC 60695-6-1:2005/am1:2010)
- EN 60695-7-1:2010 en
Fire hazard testing – Part 7-1: Toxicity of fire effluent – General guidance (IEC 60695-7-1:2010)
- EN 60909-3:2010 en
Short-circuit currents in three-phase a.c systems – Part 3: Currents during two separate simultaneous line-to-earth short-circuits and partial short-circuit currents flowing through earth (IEC 60909-3:2009)
- EN 60974-6:2011 en
Arc welding equipment – Part 6: Limited duty equipment (IEC 60974-6:2010)
- EN 60974-9:2010 en
Arc welding equipment – Part 9: Installation and use (IEC 60974-9:2010)

- EN 60974-11:2010 en
Arc welding equipment – Part 11: Electrode holders (IEC 60974-11:2010)
- EN 61666:2010 en
Industrial systems, installations and equipment and industrial products – Identification of terminals within a system (IEC 61666:2010)
- EN 61788-8:2010 en
Superconductivity – Part 8: AC loss measurements – Total AC loss measurement of round superconducting wires exposed to a transverse alternating magnetic field at liquid helium temperature by a pickup coil method (IEC 61788-8:2010)
- EN 61788-14:2010 en
Superconductivity – Part 14: Superconducting power devices – General requirements for characteristic tests of current leads designed for powering superconducting devices (IEC 61788-14:2010)
- EN 62507-1:2011 en
Identification systems enabling unambiguous information interchange – Requirements – Part 1: Principles and methods (IEC 62507-1:2010)
- EN 80000-14:2009 en
Quantities and units – Part 14: Telebiometrics related to human physiology (IEC 80000-14:2008)

HZN/TU W1, Energetska elektrotehnika 1

- EN 50194-1:2009 en
Electrical apparatus for the detection of combustible gases in domestic premises – Part 1: Test methods and performance requirements
- ENV 50230:1997 en
Aeronautical ground lighting electrical installation – Control and monitoring systems – General requirements
- ENV 50234:1997 en
Aeronautical ground lighting electrical installation – Flashing lights – Equipment specifications and tests
- ENV 50235:1997 en
Aeronautical ground lighting electrical installation – Signs – Equipment specifications and tests
- EN 50272-1:2010 en
Safety requirements for secondary batteries and battery installations – Part 1: General safety information
- EN 50291-1:2010 en
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 1: Test methods and performance requirements
- EN 50291-2:2010 en
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 2: Electrical apparatus for continuous operation in a fixed installation in recreational vehicles and similar premises including recreational craft – Additional test methods and performance requirements
- EN 50342-3:2008 en
Lead-acid starter batteries – Part 3: Terminal system for batteries with 36 V nominal voltage
- EN 50342-4:2009 en
Lead-acid starter batteries – Part 4: Dimensions of batteries for heavy vehicles
- EN 50342-5:2010 en
Lead-acid starter batteries – Part 5: Properties of battery housings and handles
- EN 50512:2009 en
Electrical installations for lighting and beaconing of aerodromes – Advanced Visual Docking Guidance Systems (A-VDGS)
- EN 60143-4:2010 en
Series capacitors for power systems – Part 4: Thyristor controlled series capacitors (IEC 60143-4:2010)

- EN 60519-1:2011 en
Safety in electroheating installations – Part 1: General requirements (IEC 60519-1:2010)
- EN 60519-7:2008 en
Safety in electroheat installations – Part 7: Particular requirements for installations with electron guns (IEC 60519-7:2008)
- EN 60519-21:2009 en
Safety in electroheat installations – Part 21: Particular requirements for resistance heating equipment – Heating and melting glass equipment (IEC 60519-21:2008)
- EN 60703:2009 en
Test methods for electroheating installations with electron guns (IEC 60703:2008)
- EN 61558-1:2005/A1:2009 en
Safety of power transformers, power supplies, reactors and similar products – Part 1: General requirements and tests (IEC 61558-1:2005/am1:2009)
- EN 61558-2-13:2009 en
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-13: Particular requirements and tests for auto transformers and power supply units incorporating auto transformers (IEC 61558-2-13:2009)
- EN 61558-2-16:2009 en
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16:2009)
- EN 61558-2-23:2010 en
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-23: Particular requirements and tests for transformers and power supply units for construction sites (IEC 61558-2-23:2010)
- EN 61558-2-3:2010 en
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners (IEC 61558-2-3:2010)
- EN 61558-2-4:2009 en
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers (IEC 61558-2-4:2009)
- EN 61558-2-5:2010 en
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-5: Particular requirements and tests for transformer for shavers, power supply units for shavers and shaver supply units (IEC 61558-2-5:2010)
- EN 61558-2-6:2009 en
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers (IEC 61558-2-6:2009)
- EN 61558-2-8:2010 en
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes (IEC 61558-2-8:2010)
- EN 61822:2009 en
Electrical installations for lighting and beaconing of aerodromes – Constant current regulators (IEC 61822:2009)

- EN 62041:2010 en
Safety of transformers, reactors, power supply units and combinations thereof – EMC requirements (IEC 62041:2010)
- EN 62097:2009 en
Hydraulic machines, radial and axial – Performance conversion method from model to prototype (IEC 62097:2009)
- EN 62282-6-100:2010 en
Fuel cell technologies – Part 6-100: Micro fuel cell power systems – Safety (IEC 62282-6-100:2010)
- EN 62282-6-300:2009 en
Fuel cell technologies – Part 6-300: Micro fuel cell power systems – Fuel cartridge interchangeability (IEC 62282-6-300:2009)
- CLC/TS 62395-2:2010 en
Electrical resistance trace heating systems for industrial and commercial applications – Part 2: Application guide for system design, installation and maintenance (IEC/TS 62395-2:2008)

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 ISO 302:2001 en
Pulpe – Određivanje Kappa broja (ISO 302:1981)
Pulps – Determination of Kappa number (ISO 302:1981)
- zamijenjena s: HRN ISO 302:2011
- HRN ISO 777:2001 en
Pulpe – Određivanje kalcija (ISO 777:2001)
Pulps – Determination of calcium (ISO 777:2001)
- zamijenjena s: HRN ISO 777:2011
- HRN ISO 778:2001 en
Pulpe – Određivanje bakra (ISO 778:2001)
Pulps – Determination of copper (ISO 778:2001)
- zamijenjena s: HRN ISO 778:2011
- HRN ISO 779:2001 en
Pulpe – Određivanje željeza (ISO 779:2001)
Pulps – Determination of iron (ISO 779:2001)
- zamijenjena s: HRN ISO 779:2011
- HRN ISO 1762:2001 en
Pulpe – Određivanje pepela (ISO 1762:1974)
Pulps – Determination of ash (ISO 1762:1974)
- zamijenjena s: HRN ISO 1762:2011
- HRN ISO 1830:2002 en
Pulpe – Određivanje sadržaja mangana – Fotometrijska metoda s Na-perjodatom i metoda plamene atomske apsorpcijske spektrometrije (ISO 1830:1982)
Pulps – Determination of manganese content – Sodium periodate photometric and flame atomic absorption spectrometric methods (ISO 1830:1982)
- zamijenjena s: HRN ISO 1830:2011
- HRN ISO 2469:2002 en
Papir, karton i pulpe – Mjerenje faktora refleksije difuznog svjetla (ISO 2469:1994 + Cor 1:1998)
Paper, board and pulps – Measurement of diffuse reflectance factor (ISO 2469:1994 + Cor 1:1998)
- zamijenjena s: HRN ISO 2469:2011
- HRN ISO 2470:2001 en
Papir, karton i pulpa – Mjerenje faktora refleksije difuznog plavog svjetla (ISO svjetlina) (ISO 2470:1999)
- Paper, board and pulps – Measurement of diffuse blue reflectance factor (ISO brightness) (ISO 2470:1999)
- zamijenjena s: HRN ISO 2470-1:2011
- HRN ISO 2471:2002 en
Papir i karton – Određivanje neprozirnosti (podlaganjem papira) – Metoda difuzne refleksije (ISO 2471:1998)
Paper and board – Determination of opacity (paper backing) – Diffuse reflectance method (ISO 2471:1998)
- zamijenjena s: HRN ISO 2471:2011
- HRN ISO 3039:2001 en
Valoviti karton – Određivanje gramature komponenata poslije razdvajanja (ISO 3039:1975)
Corrugated fibreboard – Determination of the grammage of the component papers after separation (ISO 3039:1975)
- zamijenjena s: HRN ISO 3039:2011
- HRN ISO 3783:2001 en
Papir i karton – Određivanje otpora na čupanje – Metoda povećanja brzine uporabom IGT uređaja (Električni model) (ISO 3783:1980)
Paper and board – Determination of resistance to picking – Accelerating speed method using the IGT tester (Electric model) (ISO 3783:1980)
- zamijenjena s: HRN ISO 3783:2011
- HRN ISO 5350-3:2001 en
Pulpe – Procjena nečistoća i nerazvlaknjenoga dijela – 3. dio: Provjera sa reflektirajućim svjetlom (ISO 5350-3:1997)
Pulps – Estimation of dirt and shives – Part 3: Inspection by reflected light (ISO 5350-3:1997)
- zamijenjena s: HRN ISO 5350-3:2011
- HRN ISO 5351:2009 en
Pulpa – Određivanje graničnoga viskozitetnog broja u otopini bakar-etilendiamina (CED) (ISO 5351:2004)
Pulps – Determination of limiting viscosity number in cupri-ethylenediamine (CED) solution (ISO 5351:2004)
- zamijenjena s: HRN ISO 5351:2011
- HRN ISO 5631:2002 en
Papir i karton – Određivanje boje (C/2°) – Metoda difuzne refleksije (ISO 5631:2000)
Paper and board – Determination of colour (C/2°) – Diffuse reflectance method (ISO 5631:2000)
- zamijenjena s: HRN ISO 5631-1:2011
- HRN ISO 5636-4:2002 en
Papir i karton – Određivanje propusnosti zraka (srednji opseg) – 4. dio: Scheffieldova metoda (ISO 5636-4:1986)
Paper and board; Determination of air permeance (medium range); Part 4 : Sheffield method (ISO 5636-4:1986)
- zamijenjena s: HRN ISO 5636-4:2011
- HRN ISO 5636-5:2002 en
Papir i karton – Određivanje propusnosti zraka (srednji opseg) – 5. dio: Gurleyeva metoda (ISO 5636-5:1986+Cor 1:1990)
Paper and board – Determination of air permeance (medium range) – Part 5: Gurley method (ISO 5636-5:1986+Cor 1:1990)
- zamijenjena s: HRN ISO 5636-5:2011
- HRN ISO 5651:2002 en
Papir, karton i pulpe – Jedinice za izražavanje svojstava (ISO 5651:1989)
Paper, board and pulps – Units for expressing properties (ISO 5651:1989)
- bez zamjene
- HRN ISO 6588:2002 en
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta (ISO 6588:1981)
Paper, board and pulps – Determination of pH of aqueous extracts (ISO 6588:1981)
- zamijenjena s: HRN ISO 6588-1:2011

- HRN ISO 8784-1:2002 en
Papir i karton – Određivanje mikrobioloških svojstava – 1. dio: Ukupni broj bakterija (ISO 8784-1:1987)
Paper and board – Determination of microbiological properties – Part 1: Total bacterial count (ISO 8784-1:1987)
- zamijenjena s: HRN ISO 8784-1:2011
- HRN ISO 8791-3:2002 en
Papir i karton – Određivanje hrapavosti/glatkoće (metode propuštanja zraka) – 3. dio: Sheffieldova metoda (ISO 8791-3:1990)
Paper and board – Determination of roughness/smoothness (air leak methods) – Part 3: Sheffield method (ISO 8791-3:1990)
- zamijenjena s: HRN ISO 8791-3:2011
- HRN ISO 8791-4:2002 en
Papir i karton – Određivanje hrapavosti/glatkoće (metode propuštanja zraka) – 4. dio: Print-surf metoda (ISO 8791-4:1992)
Paper and board – Determination of roughness/smoothness (air leak methods) – Part 4: Print-surf method (ISO 8791-4:1992)
- zamijenjena s: HRN ISO 8791-4:2011
- HRN ISO 9197:2002 en
Papir, karton i pulpe – Određivanje vodotopljivih klorida (ISO 9197:1998)
Paper, board and pulps – Determination of water-soluble chlorides (ISO 9197:1998)
- zamijenjena s: HRN ISO 9197:2011
- HRN ISO 9416:2002 en
Papir – Određivanje rasipanja svjetlosti i koeficijenta apsorpcije (uporabom Kubelka-Munkove teorije) (ISO 9416:1998)
Paper – Determination of light scattering and absorption coefficients (using Kubelka-Munk theory) (ISO 9416:1998)
- zamijenjena s: HRN ISO 9416:2011
- HRN ISO 9895:2002 en
Papir i karton – Određivanje tlačne čvrstoće – Test kratkog raspona (ISO 9895:1989)
Paper and board – Compressive strength – Short span test (ISO 9895:1989)
- zamijenjena s: HRN ISO 9895:2011
- HRN ISO 11093-5:2002 en
Papir i karton – Ispitivanje papirnih cijevi – 5. dio: Određivanje karakteristika koncentrične rotacije (ISO 11093-5:1994)
Paper and board – Testing of cores – Part 5: Determination of characteristics of concentric rotation (ISO 11093-5:1994)
- zamijenjena s: HRN ISO 11093-5:2011
- HRN ISO 11093-6:2002 en
Papir i karton – Ispitivanje papirnih cijevi – 6. dio: Određivanje čvrstoće na savijanje pomoću metode s tri točke (ISO 11093-6:1996)
Paper and board – Testing of cores – Part 6: Determination of bending strength by the three-point method (ISO 11093-6:1996)
- zamijenjena s: HRN ISO 11093-6:2011
- HRN ISO 11093-9:2002 en
Papir i karton – Ispitivanje papirnih cijevi – 9. dio: Određivanje otpornosti prema pritisku (ISO 11093-9:1994)
Paper and board – Testing of cores – Part 9: Determination of flat crush resistance (ISO 11093-9:1994)
- zamijenjena s: HRN ISO 11093-9:2011
- HRN ISO 11475:2002 en
Papir i karton – Određivanje CIE bjeline, D65/10° (na vanjskom danjemu svjetlu) (ISO 11475:1999)
Paper and board – Determination of CIE whiteness, D65/10° (outdoor daylight) (ISO 11475:1999)
- zamijenjena s: HRN ISO 11475:2011
- HRN ISO 11476:2002 en
Papir i karton – Određivanje CIE bjeline, C/2° (u uvjetima unutarnjeg osvjetljenja) (ISO 11476:2000)
Paper and board – Determination of CIE whiteness, C/2° (indoor illumination conditions) (ISO 11476:2000)
- zamijenjena s: HRN ISO 11476:2011
- HRN ISO 11556:2002 en
Papir i karton – Određivanje nabranosti uporabom pojedinačnih, okomito obješenih uzoraka za ispitivanje (ISO 11556:1998)
Paper and board – Determination of curl using a single vertically suspended test piece (ISO 11556:1998)
- zamijenjena s: HRN ISO 11556:2011
- HRN ISO 11605:2002 en
Papir i karton – Umjeravanje mjerača protoka promjenljive površine (ISO 11605:1995)
Paper and board – Calibration of variable-area flowmeters (ISO 11605:1995)
- bez zamjene
- HRN ISO 13542:2002 en
Papir i karton – Specifikacija unutarnjih promjera cijevi za namatanje (ISO 13542:1995)
Paper and board – Specification for internal diameters of cores for reels (ISO 13542:1995)
- zamijenjena s: HRN ISO 13542:2011
- HRN ISO 15319:2001 en
Reciklirane pulpe – Procjena vidljivih nepripadajućih primjesa instrumentom, primjenom reflektirajućeg svjetla (ISO 15319:1999)
Recycled pulps – Estimation of visible contraries by instrumental means using reflected light (ISO 15319:1999)
- zamijenjena s: HRN ISO 5350-4:2011

HZN/TO 25, Ljevarstvo

- HRN EN 10283:2001 en
Čelični odljevci otporni na koroziju (EN 10283:1998)
Corrosion resistant steel castings (EN 10283:1998)
- zamijenjena s: HRN EN 10283:2011

HZN/TO 44, Zavarivanje i srodni postupci

- HRN EN ISO 544:2004 en
Dodatni i potrošni materijali za zavarivanje – Tehnički uvjeti isporuke za dodatne materijale za zavarivanje – Vrsta proizvoda, dimenzije, dopuštena odstupanja i označivanje (ISO 544:2003; EN ISO 544:2003)
Welding consumables – Technical delivery conditions for welding filler materials – Type of product, dimensions, tolerances and markings (ISO 544:2003; EN ISO 544:2003)
- zamijenjena s: HRN EN ISO 544:2011
- HRN EN 13507:2002 en
Toplinsko naštrcavanje – Priprema površine metalnih dijelova i komponenata za toplinsko naštrcavanje (EN 13507:2001)
Thermal spraying – Pre-treatment of surfaces of metallic parts and components for thermal spraying (EN 13507:2001)
- zamijenjena s: HRN EN 13507:2011

HZN/TO 89, Furniri i drvene ploče

- HRN EN 320:1999 en
Ploče vlaknatice – Određivanje otpora pri okomitom vađenju vijaka (EN 320:1993)
Fibreboards – Determination of resistance to axial withdrawal of screws (EN 320:1993)
- zamijenjena s: HRN EN 320:2011
- HRN EN 13353:2009 en
Ploče iz masivnog drva (SWP) – Zahtjevi (EN 13353:2008)
Solid wood panels (SWP) – Requirements (EN 13353:2008)
- zamijenjena s: HRN EN 13353:2011

HZNTO 121, Anestetička i respiracijska oprema

- HRN EN 13976-1:2008 en
Sustavi za spašavanje – Transport inkubatora – 1. dio:
Uvjeti povezivanja (EN 13976-1:2003)
Rescue systems – Transportation of incubators –
Part 1: Interface conditions (EN 13976-1:2003)
- zamijenjena s: HRN EN 13976-1:2011
- HRN EN 13976-2:2008 en
Sustavi za spašavanje – Transport inkubatora – 2. dio:
Zahtjevi za sustav (EN 13976-2:2003+AC:2004)
Rescue systems – Transportation of incubators – Part 2:
System requirements (EN 13976-2:2003+AC:2004)
- zamijenjena s: HRN EN 13976-2:2011

HZNTO 138, Plastične cijevi, spojnice i ventili za prijenos tekućina

- HRN EN 1555-4:2003 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima
– Polietilen (PE) – 4. dio: Ventili (EN 1555-4:2002)
Plastics piping systems for the supply of gaseous fuels
– Polyethylene (PE) – Part 4: Valves
(EN 1555-4:2002)
- zamijenjena s: HRN EN 1555-4:2011

HZNTO 146, Kvaliteta zraka

- HRN ISO 4226:2010 en
Kvaliteta zraka – Opći aspekti – Mjerne jedinice
(ISO 4226:2007)
Air quality – General aspects – Units of measurement
(ISO 4226:2007)
- zamijenjena s: HRN ISO 4226:2011

HZNTO 181, Sigurnost igračaka i proizvodi za djecu

- HRN EN 71-1:2010 en
Sigurnost igračaka – 1. dio: Mehanička i fizikalna
svojstva (EN 71-1:2005+A9:2009)
Safety of toys – Part 1: Mechanical and physical
properties (EN 71-1:2005+A9:2009)
- zamijenjena s: HRN EN 71-1:2011

HZNTO 503, Metalni materijali

- HRN EN 10002-5:2008 en
Metalni materijali – Vlačno ispitivanje – 5. dio: Metoda
ispitivanja pri povišenoj temperaturi
(EN 10002-5:1991)
Metallic materials – Tensile testing – Part 5: Method of
testing at elevated temperature (EN 10002-5:1991)
- zamijenjena s: HRN EN ISO 6892-2:2011
- HRN EN 12373-19:2002 en
Aluminij i aluminijeve legure – Anodizacija – 19. dio:
Vrijednosni sustav za ocjenu jamičaste korozije –
Metoda mrežice (EN 12373-19:2001)
Aluminium and aluminium alloys – Anodizing –
Part 19: Rating system for the evaluation of pitting
corrosion – Grid method (EN 12373-19:2001)
- zamijenjena s: HRN EN ISO 8994:2011

HZNTO 506, Materijali, oprema i konstrukcije za naftnu industriju, prirodni plin i geotermalnu vodu

- HRN EN ISO 11961:1999 en
Industrija nafte i prirodnog plina – Specifikacije za
čelične cijevi koje se upotrebljavaju kao bušaće šipke –
Specifikacija (ISO 11961:1996; EN ISO 11961:1996)
Petroleum and natural gas industries – Steel pipes
for use as drill pipe – Specification (ISO 11961:1996;
EN ISO 11961:1996)
- zamijenjena s: HRN EN ISO 11961:2011

HZNTO 509, Cestovna oprema

- HRN EN 1317-1:2001 en
Zaštitni cestovni sustavi – 1. dio: Nazivlje i opći kriteriji
za metode ispitivanja (EN 1317-1:1998)

Road restraint systems – Part 1: Terminology and
general criteria for test methods (EN 1317-1:1998)
- zamijenjena s: HRN EN 1317-1:2011

- HRN EN 1317-2:2001 en
Zaštitni cestovni sustavi – 2. dio: Vrste izvedbe,
testovi sudara prema kriterijima prihvatljivosti i metode
ispitivanja sigurnosnih ograda (EN 1317-2:1998)
Road restraint systems – Part 2: Performance classes,
impact test acceptance criteria and test methods for
safety barriers (EN 1317-2:1998)
- zamijenjena s: HRN EN 1317-2:2011

- HRN EN 1317-2/A1:2007 en
Zaštitni cestovni sustavi – 2. dio: Vrste izvedbe,
testovi sudara prema kriterijima prihvatljivosti i metode
ispitivanja sigurnosnih ograda (EN 1317-2:1998/
A1:2006)
Road restraint systems – Part 2: Performance classes,
impact test acceptance criteria and test methods for
safety barriers (EN 1317-2:1998/A1:2006)
- zamijenjena s: HRN EN 1317-2:2011

- HRN EN 1317-3:2001 en
Zaštitni cestovni sustavi – 3. dio: Vrste izvedbe,
testovi sudara prema kriterijima prihvatljivosti i metode
ispitivanja sigurnosnih jastuka (EN 1317-3:2000)
Road restraint systems – Part 3: Performance classes,
impact test acceptance and test methods for crash
cushions (EN 1317-3:2000)
- zamijenjena s: HRN EN 1317-3:2011

- HRN EN 1794-1:2004 en
Barijere za zaštitu od buke s cesta – Neakustična
svojstva – 1. dio: Mehanička svojstva i zahtjevi za
stabilnost (EN 1794-1:2003)
Road traffic noise reducing devices – Non-acoustic
performance – Part 1: Mechanical performance and
stability requirements (EN 1794-1:2003)
- zamijenjena s: HRN EN 1794-1:2011

- HRN EN 1794-2:2004 en
Barijere za zaštitu od buke s cesta – Neakustična
svojstva – 2. dio: Osnovni sigurnosni zahtjevi i utjecaji
na okoliš (EN 1794-2:2003)
Road traffic noise reducing devices – Non-acoustic
performance – Part 2: General safety and environmental
requirements (EN 1794-2:2003)
- zamijenjena s: HRN EN 1794-2:2011

HZNTO 519, Adhezivi

- HRN EN 1464:2005 en
Adhezivi – Određivanje otpornosti na raslojavanje
adhezivnih vezova povišene čvrstoće – Metoda
plutajućeg valjka (ISO 4578:1990 modified;
EN 1464:1994)
Adhesives – Determination of peel resistance of high-
strength adhesive bonds – Floating roller method
(ISO 4578:1990 modified; EN 1464:1994)
- zamijenjena s: HRN EN 1464:2011

- HRN EN 14022:2008 en
Strukturalni (konstrukcijski) adhezivi – Određivanje
radnog vremena (pot life) višekomponentnih adheziva
(EN 14022:2003)
Structural Adhesives – Determination of the pot life
(working life) of multicomponent adhesives
(EN 14022:2003)
- zamijenjena s: HRN EN 14022:2011

- HRN EN 14294:2005 en
Adhezivi za kožu i materijale za obuću – Priprema
uzoraka slijepljenih spojeva postupkom prešanja
(EN 14294:2004)
Adhesives for leather and footwear materials –
Preparation of bonded test pieces by moulding-on
processes (EN 14294:2004)
- zamijenjena s: HRN EN 14294:2011

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

- HRN EN ISO 5667-13:2001 hr
Kakvoća vode – Uzorkovanje – 13. dio: Smjernice za uzorkovanje muljeva iz uređaja za pročišćivanje voda i otpadnih voda (ISO 5667-13:1997;
EN ISO 5667-13:1997+Corr.:1998)
Water quality – Sampling – Part 13: Guidance on sampling of sludges from sewage and water treatment works (ISO 5667-13:1997;
EN ISO 5667-13:1997+Corr.:1998)
- zamijenjena s: HRN EN ISO 5667-13:2011
- HRN EN 13965-2:2008 hr,en,fr,de
Karakterizacija otpada – Nazivlje – 2. dio: Nazivi i definicije koji se odnose na gospodarenje otpadom (EN 13965-2:2004)
Characterization of waste – Terminology – Part 2: Management related terms and definitions (EN 13965-2:2004)
- zamijenjena s: HRN EN 13965-2:2011

HZN/TO 524, Cestovni prijevoz i prometna telematika

- HRN ENV 12314-1:2003 en
Cestovni prijevoz i prometna telematika – Automatsko prepoznavanje vozila i opreme – 1. dio: Pripadna struktura i nazivlje (ENV 12314-1:1996)
Road transport and traffic telematics – Automatic vehicle and equipment identification – Part 1: Reference architectures and terminology (ENV 12314-1:1996)
- bez zamjene
- HRN ENV 13106:2003 en
Cestovni prijevoz i prometna telematika – DATEX rječnik podataka za promet i putnički prijevoz (verzija 3.1a) (ENV 13106:2000)
Road transport and traffic telematics – DATEX traffic and travel data dictionary (version 3.1a) (ENV 13106:2000)
- bez zamjene
- HRN ENV 13777:2003 en
Cestovni prijevoz i prometna telematika – DATEX specifikacije za razmjenu podataka između centara za prometne i putne informacije (verzija 1.2a) (ENV 13777:2000)
Road transport and traffic telematics – DATEX specifications for data exchange between traffic and travel information centres (version 1.2a) (ENV 13777:2000)
- bez zamjene
- HRN ENV ISO 14904:2003 en
Cestovni prijevoz i prometna telematika – Elektronička naplata – Specifikacija međuodnosa za obračunavanje između operatera (ISO/TS 14904:2002; ENV ISO 14904:2002)
Road transport and traffic telematics – Electronic fee collection (EFC) – Interface specification for clearing between operators (ISO/TS 14904:2002; ENV ISO 14904:2002)
- bez zamjene

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

- HRN EN 12311-2:2003 en
Savitljive hidroizolacijske trake – Određivanje vlačnih svojstava – 2. dio: Plastične i elastomerne hidroizolacijske trake za krovove (EN 12311-2:2000)
Flexible sheets for waterproofing – Determination of tensile properties – Part 2: Plastic and rubber sheets for roof waterproofing (EN 12311-2:2000)
- zamijenjena s: HRN EN 12311-2:2011

- HRN EN 12317-2:2003 en
Savitljive hidroizolacijske trake – Određivanje posmične otpornosti spojeva – 2. dio: Plastične i elastomerne hidroizolacijske trake za krovove (EN 12317-2:2000)
Flexible sheets for waterproofing – Determination of the shear resistance of joints – Part 2: Plastic and rubber sheets for roof waterproofing (EN 12317-2:2000)
- zamijenjena s: HRN EN 12317-2:2011

HZN/TO 526, Bitumenska veziva

- HRN EN 12846:2002 en
Bitumen i bitumenska veziva – Određivanje vremena istjecanja bitumenskih emulzija viskozimetrom za istjecanje (EN 12846:2002)
Bitumen and bituminous binders – Determination of efflux time of bitumen emulsions by the efflux viscometer (EN 12846:2002)
- zamijenjena s: HRN EN 12846-1:2011
- HRN EN 13614:2005 en
Bitumen i bitumenska veziva – Određivanje prionljivosti bitumenskih emulzija postupkom uranjanja u vodu – Metoda s agregatom (EN 13614:2004)
Bitumen and bituminous binders – Determination of adhesivity of bitumen emulsions by water immersion test – Aggregate method (EN 13614:2004)
- zamijenjena s: HRN EN 13614:2011

HZN/TO 528, Oprema za željeznice

- HRN EN 12080:2008 en
Oprema za željeznice – Osovinska ležišta – Kotrljajući ležajevi (EN 12080:2007)
Railway applications – Axleboxes – Rolling bearings (EN 12080:2007)
- zamijenjena s: HRN EN 12080:2011
- HRN EN 12081:2008 en
Oprema za željeznice – Osovinska ležišta – Sredstva za podmazivanje (EN 12081:2007)
Railway applications – Axleboxes – Lubricating greases (EN 12081:2007)
- zamijenjena s: HRN EN 12081:2011
- HRN EN 12082:2008 en
Oprema za željeznice – Osovinska ležišta – Ispitivanje radnih značajki (EN 12082:2007)
Railway applications – Axleboxes – Performance testing (EN 12082:2007)
- zamijenjena s: HRN EN 12082:2011
- HRN EN 13103:2009 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Slobodne osovine – Metode konstruiranja (EN 13103:2009)
Railway applications – Wheelsets and bogies – Non-powered axles – Design method (EN 13103:2009)
- zamijenjena s: HRN EN 13103:2011
- HRN EN 13104:2009 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Pogonske osovine – Metode konstruiranja (EN 13104:2009)
Railway applications – Wheelsets and bogies – Powered axles – Design method (EN 13104:2009)
- zamijenjena s: HRN EN 13104:2011
- HRN EN 13260:2009 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Osovinski sklopovi – Zahtjevi za proizvod (EN 13260:2009)
Railway applications – Wheelsets and bogies – Wheelsets – Product requirements (EN 13260:2009)
- zamijenjena s: HRN EN 13260:2011
- HRN EN 13261:2009 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Osovine – Zahtjevi za proizvod (EN 13261:2009)

- Railway applications – Wheelsets and bogies – Axles – Product requirements (EN 13261:2009)
- zamijenjena s: HRN EN 13261:2011
- HRN EN 13674-1:2008 en
Oprema za željeznice – Željeznički gornji ustroj – Tračnica – 1. dio: Vignoleove željezničke tračnice mase 46 kg/m i više (EN 13674-1:2003+A1:2007)
Railway applications – Track – Rail – Part 1: Vignole railway rails 46 kg/m and above (EN 13674-1:2003+A1:2007)
- zamijenjena s: HRN EN 13674-1:2011
- HRN EN 13715:2007 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Kotači – Profil kotača (EN 13715:2006)
Railway applications – Wheelsets and bogies – Wheels – Wheels tread (EN 13715:2006)
- zamijenjena s: HRN EN 13715:2011
- HRN EN 13749:2008 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Metode definiranja zahtjeva za oblikovanje okvira okretnih postolja (EN 13749:2005)
Railway applications – Wheelsets and bogies – Methods of specifying structural requirements of bogie frames (EN 13749:2005)
- zamijenjena s: HRN EN 13749:2011
- HRN ENV 13803-1:2004 en
Oprema za željeznice – Parametri za projektiranje geometrije kolosijeka – Širine kolosijeka 1435 mm i više – 1. dio: Otvorena pruga (ENV 13803-1:2002)
Railway applications – Track alignment design parameters – Track gauges 1435 mm and wider – Part 1: Plain line (ENV 13803-1:2002)
- zamijenjena s: HRN EN 13803-1:2011
- HRN EN 13848-5:2008 en
Oprema za željeznice – Željeznički gornji ustroj – Kvaliteta kolosiječne geometrije – 5. dio: Razine kvalitete kolosiječne geometrije (EN 13848-5:2008)
Railway applications – Track – Track geometry quality – Part 5: Geometric quality levels (EN 13848-5:2008)
- zamijenjena s: HRN EN 13848-5:2011
- HRN EN 13977:2008 en
Oprema za željeznice – Željeznički gornji ustroj – Sigurnosni zahtjevi za prijenosne strojeve i tračnička kolica za izgradnju i održavanje pruga (EN 13977:2005+A1:2007)
Railway applications – Track – Safety requirements for portable machines and trolleys for construction and maintenance (EN 13977:2005+A1:2007)
- zamijenjena s: HRN EN 13977:2011
- HRN EN 14033-1:2009 en
Oprema za željeznice – Željeznički gornji ustroj – Kolosiječni strojevi za gradnju i održavanje – 1. dio: Tehnički zahtjevi za vožnju (EN 14033-1:2008)
Railway applications – Track – Railbound construction and maintenance machines – Part 1: Technical requirements for running (EN 14033-1:2008)
- zamijenjena s: HRN EN 14033-1:2011
- HRN EN 14067-5:2008 en
Oprema za željeznice – Aerodinamika – 5. dio: Zahtjevi i ispitni postupci za aerodinamiku u tunelima (EN 14067-5:2006)
Railway applications – Aerodynamics – Part 5: Requirements and test procedures for aerodynamics in tunnels (EN 14067-5:2006)
- zamijenjena s: HRN EN 14067-5:2011
- HRN EN 14813-1:2008 en
Oprema za željeznice – Klimatizacija upravljačnica – 1. dio: Parametri udobnosti (EN 14813-1:2006)
Railway applications – Air conditioning for driving cabs – Part 1: Comfort parameters (EN 14813-1:2006)
- zamijenjena s: HRN EN 14813-1:2011
- HRN EN 14813-2:2008 en
Oprema za željeznice – Klimatizacija upravljačnica – 2. dio: Tipna ispitivanja (EN 14813-2:2006)
Railway applications – Air conditioning for driving cabs – Part 2: Type tests (EN 14813-2:2006)
- zamijenjena s: HRN EN 14813-2:2011
- HRN EN 14865-1:2009 en
Oprema za željeznice – Maziva za kućišta ležaja – 1. dio: Metoda ispitivanja podmazivosti (EN 14865-1:2009)
Railway Applications – Axlebox lubricating greases – Part 1: Method to test the ability to lubricate (EN 14865-1:2009)
- zamijenjena s: HRN EN 14865-1:2011
- HRN EN 14865-2:2009 en
Oprema za željeznice – Sredstva za podmazivanje osovinskih ležišta – 2. dio: Metode ispitivanja mehaničke postojanosti za vozila brzina do 200 km/h (EN 14865-2:2006+A1:2009)
Railway applications – Axlebox lubricating greases – Part 2: Method to test the mechanical stability to cover vehicle speeds up to 200 km/h (EN 14865-2:2006+A1:2009)
- zamijenjena s: HRN EN 14865-2:2011
- HRN EN 15020:2008 en
Oprema za željeznice – Pomoćno kvačilo – Zahtjevi za radne značajke, posebna utjecajna geometrija i metode ispitivanja (EN 15020:2006)
Railway applications – Rescue coupler – Performance requirements, specific interface geometry and test methods (EN 15020:2006)
- zamijenjena s: HRN EN 15020:2011
- HRN EN 15227:2008 en
Oprema za željeznice – Zahtjevi za otpornost na sudare sanduka željezničkih vozila (EN 15227:2008)
Railway applications – Crashworthiness requirements for railway vehicle bodies (EN 15227:2008)
- zamijenjena s: HRN EN 15227:2011
- HRN EN 15302:2008 en
Oprema za željeznice – Metoda za određivanje ekvivalentne koničnosti (EN 15302:2008)
Railway applications – Method for determining the equivalent conicity (EN 15302:2008)
- zamijenjena s: HRN EN 15302:2011
- HRN EN 15427:2009 en
Railway applications – Wheel/rail friction management – Flange lubrication (EN 15427:2008)
- zamijenjena s: HRN EN 15427:2011
- HRN EN 15461:2008 en
Oprema za željeznice – Emisija buke – Određivanje dinamičkih svojstava za dionicu pruge kojom prolazi vlak pri mjerenju buke (EN 15461:2008)
Railway applications – Noise emission – Characterisation of the dynamic properties of track sections for pass by noise measurements (EN 15461:2008)
- zamijenjena s: HRN EN 15461:2011
- HRN EN 15551:2009 en
Railway applications – Railway rolling stock – Buffers (EN 15551:2009)
- zamijenjena s: HRN EN 15551:2011
- HRN EN 15566:2009 en
Railway applications – Railway rolling stock – Draw gear and screw coupling (EN 15566:2009)
- zamijenjena s: HRN EN 15566:2011
- HZN/TO 531, *Plastika i guma***
- HRN EN ISO 3994:2008 en
Plastična crijeva – Plastomerna crijeva ojačana plastomernom spiralom za usisavanje i istovar vodenih supstanci – Specifikacija (ISO 3994:1998; EN ISO 3994:2000)

Plastics hoses – Helical-thermoplastic-reinforced thermoplastics hoses for suction and discharge of aqueous materials – Specification (ISO 3994:1998; EN ISO 3994:2000)
- zamijenjena s: HRN EN ISO 3994:2011

HZN/TO 533/PO 1, Kolničke konstrukcije; Cestograđevni materijali

HRN EN 13036-1:2004 en
Površinska svojstva cesta i aerodromskih operativnih površina – Ispitne metode – 1. dio: Mjerenje dubine makroteksture površine kolnika volumetrijskim postupkom (EN 13036-1:2001)
Road and airfield surface characteristics – Test methods – Part 1: Measurement of pavement surface macrotexture depth using a volumetric patch technique (EN 13036-1:2001)
- zamijenjena s: HRN EN 13036-1:2011

HZN/TO 544, Strojni elementi

HRN ISO 4378-1:2008 en,fr,ru
Klizni ležajevi – Nazivi, definicije i razredba – 1. dio: Konstrukcija, ležajni materijali i njihova svojstva (ISO 4378-1:1997)
Plain bearings – Terms, definitions and classification – Part 1: Design, bearing materials and their properties (ISO 4378-1:1997)
- zamijenjena s: HRN ISO 4378-1:2011

HRN ISO 7146:2008 en
Klizni ležajevi – Pojmovi, značajke i razlozi oštećenja i pojave promjena (ISO 7146:1993)
Plain bearings – Terms, characteristics and causes of damage and changes in appearance (ISO 7146:1993)
- zamijenjena s: HRN ISO 7146-1:2011

HRN ISO 7904-1:2008 en
Klizni ležajevi – Oznake – 1. dio: Osnovne oznake (ISO 7904-1:1995)
Plain bearings – Symbols – Part 1: Basic symbols (ISO 7904-1:1995)
- zamijenjena s: HRN ISO 4378-4:2011

HRN ISO 7904-2:2008 en
Klizni ležajevi – Oznake – 2. dio: Primjena (ISO 7904-2:1995)
Plain bearings – Symbols – Part 2: Applications (ISO 7904-2:1995)
- zamijenjena s: HRN ISO 4378-5:2011

HZN/TO E23, Električni instalacijski pribor

HRN EN 60423:2002 en
Cijevi za električne svrhe – Vanjski promjeri cijevi za električne instalacije i navoji za cijevi te pribor (IEC 60423:1993, preinačena; EN 60423:1994)
Conduits for electrical purposes – Outside diameters of conduits for electrical installations and threads for conduits and fittings (IEC 60423:1993, modified; EN 60423:1994)
- zamijenjena s: HRN EN 60423:2008

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

HRN HD 60364-4-43:2010 en
Niskonaponske električne instalacije – Dio 4-43: Sigurnosna zaštita – Nadstrujna zaštita (IEC 60364-4-43:2008, MOD+Corr.1:2008; HD 60364-4-43:2010)
Low-voltage electrical installations – Part 4-43: Protection for safety – Protection against overcurrent (IEC 60364-4-43:2008, MOD+Corr.1:2008; HD 60364-4-43:2010)
- zamijenjena s: HRN HD 60364-4-43:2011

HRN HD 60364-5-551:2010 en
Niskonaponske električne instalacije – Dio 5-55: Odabir i ugradba električne opreme – Druga oprema – 551. točka: Niskonaponski električni izvori (IEC 60364-5-55:2001/A2:2008 (CLAUSE 551); HD 60364-5-551:2010)
Low-voltage electrical installations – Part 5-55: Selection and erection of electrical equipment – Other equipment – Clause 551: Low-voltage generating sets (IEC 60364-5-55:2001/A2:2008 (CLAUSE 551); HD 60364-5-551:2010)
- zamijenjena s: HRN HD 60364-5-551:2011

HRN HD 60364-5-56:2010 en
Niskonaponske električne instalacije – Dio 5-56: Odabir i ugradba električne opreme – Sigurnosne svrhe (IEC 60364-5-56:2009; HD 60364-5-56:2010)
Low-voltage electrical installations – Part 5-56: Selection and erection of electrical equipment – Safety services (IEC 60364-5-56:2009; HD 60364-5-56:2010)
- zamijenjena s: HRN HD 60364-5-56:2011

HRN HD 60364-7-717:2010 en
Niskonaponske električne instalacije – Dio 7-717: Zahtjevi za posebne instalacije i prostore – Pokretne ili prevoznice jedinice (IEC 60364-7-717:2009, MOD; HD 60364-7-717:2010)
Low-voltage electrical installations – Part 7-717: Requirements for special installations and locations – Mobile or transportable units (IEC 60364-7-717:2009, MOD; HD 60364-7-717:2010)
- zamijenjena s: HRN HD 60364-7-717:2011

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

HRN EN 14974:2008 en
Facilities for users of roller sports equipment – Safety requirements and test methods (EN 14974:2006)
- zamijenjena s: HRN EN 14974:2011

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 43, Akustika

• umjesto

HRN EN ISO 3744:2011
Akustika – Određivanje razina zvučne snage i zvučne energetske razine izvora buke mjerenjem zvučnoga tlaka – Inženjerske metode za potpuno slobodno polje na reflektirajućoj ravnini (ISO 3744:2010);

EN ISO 3744:2010)

Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting plane (ISO 3744:2010; EN ISO 3744:2010)

• treba biti

HRN EN ISO 3744:2011
Akustika – Određivanje razina zvučne snage i razina zvučne energije izvora buke mjerenjem zvučnoga tlaka – Inženjerske metode za pretežno slobodno polje na reflektirajućoj ravnini (ISO 3744:2010; EN ISO 3744:2010)
Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting plane (ISO 3744:2010; EN ISO 3744:2010)

HZN/TO 560, *Tekstilni proizvodi*

- **umjesto**

HRN EN ISO 1833-1:2010

Tekstil – Kvantitativna kemijska analiza – 1. dio: Opća načela ispitivanja (ISO 1833-1:2006, including Cor 1:2009; EN ISO 1833-1:2010)

Textiles – Quantitative chemical analysis – Part 1: General principles of testing (ISO 1833-1:2006, including Cor 1:2009; EN ISO 1833-1:2010)

- **treba biti**

HRN EN ISO 1833-1:2010

Tekstil – Kvantitativna kemijska analiza – 1. dio: Opća načela ispitivanja (ISO 1833-1:2006+Cor 1:2009; EN ISO 1833-1:2010)

Textiles – Quantitative chemical analysis – Part 1: General principles of testing (ISO 1833-1:2006+Cor 1:2009; EN ISO 1833-1:2010)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

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

Međunarodna normizacija (IEC)

IEC/TR 62687:2011
Graphical symbols for use on equipment – Terminology

01.040.29 Elektrotehnika (Rječnici)

Međunarodna normizacija (IEC)

IEC/TR 62687:2011
Graphical symbols for use on equipment – Terminology
IEC 60071-1 Edition 8.1:2011
Insulation co-ordination – Part 1: Definitions, principles and rules

01.040.97 Kućna i poslovna oprema. Zabava. Šport (Rječnici)

Međunarodna normizacija (ISO)

ISO 12756:1998/Amd 1:2011
Drawing and writing instruments – Ball point pens and roller ball pens – Vocabulary – Amendment 1: Viscosity of the writing fluid

01.070 Označivanje bojama

Međunarodna normizacija (ISO)

ISO 3864-2:2004/Amd 1:2011
Graphical symbols – Safety colours and safety signs – Part 2: Design principles for product safety labels – Amendment 1: Revision of Table B.1
ISO 3864-4:2011
Graphical symbols – Safety colours and safety signs – Part 4: Colorimetric and photometric properties of safety sign materials

01.080.10 Znakovi za javne obavijesti

Međunarodna normizacija (ISO)

ISO 3864-2:2004/Amd 1:2011
Graphical symbols – Safety colours and safety signs – Part 2: Design principles for product safety labels – Amendment 1: Revision of Table B.1
ISO 3864-4:2011
Graphical symbols – Safety colours and safety signs – Part 4: Colorimetric and photometric properties of safety sign materials

01.080.20 Grafički znakovi za uporabu na posebnoj opremi

Međunarodna normizacija (IEC)

IEC/TR 62687:2011
Graphical symbols for use on equipment – Terminology

01.140.20 Informacijske znanosti

Europska normizacija

EN 62507-1:2011
Identification systems enabling unambiguous information interchange – Requirements – Part 1: Principles and methods (IEC 62507-1:2010)
EN 13710:2011
European Ordering Rules – Ordering of characters from Latin, Greek, Cyrillic, Georgian and Armenian scripts

03.100.30 Upravljanje ljudskim vrelima

Europska normizacija

CWA 16275:2011
Guidelines for the selection of consultants advising SMEs on integrated quality, environment, health and safety management systems

03.120.20 Potvrđivanje proizvoda i tvrtki. Procjena sukladnosti

Međunarodna normizacija (ISO)

ISO/IEC 17021:2011
Conformity assessment – Requirements for bodies providing audit and certification of management systems

Europska normizacija

EN ISO/IEC 17021:2011
Conformity assessment – Requirements for bodies providing audit and certification of management systems (ISO/IEC 17021:2011)

03.120.30 Primjena statističkih metoda

Međunarodna normizacija (ISO)

ISO 28801:2011
Double sampling plans by attributes with minimal sample sizes, indexed by producer's risk quality (PRQ) and consumer's risk quality (CRQ)

03.220.20 Cestovni prijevoz

Europska normizacija

CEN/TR 16092:2011
Electronic fee collection – Requirements for pre-payment systems

03.220.30 Željeznički prijevoz

Međunarodna normizacija (IEC)

IEC/TR 62267-2:2011
Railway applications – Automated urban guided transport (AUGT) – Safety requirements – Part 2: Hazard analysis at top system level

07.030 Fizika. Kemija

Međunarodna normizacija (IEC)

IEC/PAS 62565-2-1:2011
Nanomanufacturing – Material specifications – Part 2-1: Single-wall carbon nanotubes – Blank detail specification

11.040.10 Anestzijska, respiracijska i reanimacijska oprema

Međunarodna normizacija (ISO)

- ISO 81060-2:2009/Cor 1:2011
Non-invasive sphygmomanometers – Part 2: Clinical validation of automated measurement type

11.040.25 Injekcioni uređaji. Igle. Kateteri

Međunarodna normizacija (ISO)

- ISO 11040-2:2011
Prefilled syringes – Part 2: Plunger stoppers for dental local anaesthetic cartridges
- ISO 13926-2:2011
Pen systems – Part 2: Plunger stoppers for pen-injectors for medical use

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija (ISO)

- ISO 17853:2011
Wear of implant materials – Polymer and metal wear particles – Isolation and characterization
- ISO 18192-1:2011
Implants for surgery – Wear of total intervertebral spinal disc prostheses – Part 1: Loading and displacement parameters for wear testing and corresponding environmental conditions for test

Europska normizacija

- EN ISO 25539-1:2009/AC:2011
Cardiovascular implants – Endovascular devices – Part 1: Endovascular prostheses (ISO 25539-1:2003 including Amd 1:2005)
- EN ISO 25539-2:2009/AC:2011
Cardiovascular implants – Endovascular devices – Part 2: Vascular stents (ISO 25539-2:2008)

11.040.50 Radiografska i druga dijagnostička oprema

Međunarodna normizacija (IEC)

- IEC 60601-2-45:2011
Medical electrical equipment – Part 2-45: Particular requirements for basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices

Europska normizacija

- EN 60601-2-45:2011
Medical electrical equipment – Part 2-45: Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices (IEC 60601-2-45:2011)

11.040.55 Dijagnostička oprema

Međunarodna normizacija (ISO)

- ISO 80601-2-61:2011
Medical electrical equipment – Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment

Međunarodna normizacija (IEC)

- IEC 60601-2-23:2011
Medical electrical equipment – Part 2-23: Particular requirements for the basic safety and essential performance of transcutaneous partial pressure monitoring equipment
- IEC 60601-2-49:2011
Medical electrical equipment – Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment
- IEC 60601-2-27:2011
Medical electrical equipment – Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
- IEC 62359:2010/Corr.1:2011
Ultrasonics – Field characterization – Test methods for the determination of thermal and mechanical indices related to medical diagnostic ultrasonic fields

Europska normizacija

- EN 62359:2011
Ultrasonics – Field characterization – Test methods for the determination of thermal and mechanical indices related to medical diagnostic ultrasonic fields (IEC 62359:2010)
- EN 62464-2:2011
Magnetic resonance equipment for medical imaging – Classification criteria for pulse sequences (IEC 62464-2:2010)

11.040.70 Oftalmološka oprema

Međunarodna normizacija (ISO)

- ISO 8624:2011
Ophthalmic optics – Spectacle frames – Measuring system and terminology

Europska normizacija

- EN ISO 8624:2011
Ophthalmic optics – Spectacle frames – Measuring system and terminology (ISO 8624:2011)

11.060.10 Zubarska gradiva

Međunarodna normizacija (ISO)

- ISO 3107:2011
Dentistry – Zinc oxide/eugenol cements and zinc oxide/non-eugenol cements

Europska normizacija

- EN ISO 3107:2011
Dentistry – Zinc oxide/eugenol cements and zinc oxide/non-eugenol cements (ISO 3107:2011)

11.100.20 Biološka ocjena medicinskih uređaja

Europska normizacija

- EN ISO 14155:2011
Clinical investigation of medical devices for human subjects – Good clinical practice (ISO 14155:2011)

11.140 Bolnička oprema

Europska normizacija

EN 455-2:2009+A1:2011

Medical gloves for single use – Part 2: Requirements and testing for physical properties

EN 13795:2011

Surgical drapes, gowns and clean air suits, used as medical devices for patients, clinical staff and equipment – General requirements for manufacturers, processors and products, test methods, performance requirements and performance levels

11.180.15 Pomagala za gluhe osobe i za osobe sa oštećenjem sluha

Europska normizacija

EN 62489-2:2011

Electroacoustics – Audio-frequency induction loop systems for assisted hearing – Part 2: Methods of calculating and measuring the low-frequency magnetic field emissions from the loop for assessing conformity with guidelines on limits for human exposure (IEC 62489-2:2011)

11.180.20 Pomoć kod inkontinencije i ostomije

Međunarodna normizacija (ISO)

ISO 15621:2011

Urine-absorbing aids – General guidelines on evaluation

11.180.30 Pomagala za čitanje

Europska normizacija

EN ISO 24503:2011

Ergonomics – Accessible design – Tactile dots and bars on consumer products (ISO 24503:2011)

11.200 Nadzor nad rađanjem. Mehanička kontracepcijska sredstva

Međunarodna normizacija (ISO)

ISO 16037:2002/Amd 1:2011

Rubber condoms for clinical trials – Measurement of physical properties

ISO 23409:2011

Male condoms – Requirements and test methods for condoms made from synthetic materials

13.040.30 Kakvoća zraka na radnome mjestu

Međunarodna normizacija (ISO)

ISO 28439:2011

Workplace atmospheres – Characterization of ultrafine aerosols/nanoaerosols – Determination of the size distribution and number concentration using differential electrical mobility analysing systems

13.060.20 Voda za piće

Europska normizacija

EN 15975-1:2011

Security of drinking water supply – Guidelines for risk and crisis management – Part 1: Crisis management

13.060.45 Ispitivanje vode općenito, uključujući uzorkovanje

Međunarodna normizacija (ISO)

ISO 5667-23:2011

Water quality – Sampling – Part 23: Guidance on passive sampling in surface waters

Europska normizacija

EN ISO 5667-23:2011

Water quality – Sampling – Part 23: Guidance on passive sampling in surface waters (ISO 5667-23:2011)

13.120 Sigurnost u kućanstvu

Europska normizacija

EN 60335-2-9:2003/A13:2010/AC:2011

Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

13.160 Utjecaj vibracija na ljude

Europska normizacija

EN ISO 28927-11:2011

Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 11: Stone hammers (ISO 28927-11:2011)

13.180 Ergonomija

Europska normizacija

EN ISO 24503:2011

Hardmetals – Determination of contents of metallic elements by X-ray fluorescence – Fusion method (ISO 4503:1978)

13.220.01 Zaštita od požara općenito

Međunarodna normizacija (ISO)

ISO 26367-1:2011

Guidelines for assessing the adverse environmental impact of fire effluents – Part 1: General

13.220.10 Vatrogastvo

Međunarodna normizacija (ISO)

ISO 16073:2011

Wildland firefighting personal protective equipment – Requirements and test methods

Europska normizacija

CEN/TR 15642:2011

Unified tests procedures for the tests of EN 3-7:2004+A1:2007

13.280 Zaštita od zračenja

Međunarodna normizacija (IEC)

IEC 60825-4:2009/am2:2011
Amendment 2 – Safety of laser products – Part 4:
Laser guards

13.320 Alarmni sustavi i sustavi uzbunjivanja

Međunarodna normizacija (IEC)

IEC 62642-6:2011
Alarm systems – Intrusion and hold-up systems –
Part 6: Power supplies
IEC 62642-8:2011
Alarm systems – Intrusion and hold-up systems –
Part 8: Security fog device/systems

Europska normizacija

EN 50543:2011
Electronic portable and transportable apparatus
designed to detect and measure carbon dioxide
and/or carbon monoxide in indoor ambient air –
Requirements and test methods
EN 50518-3:2011
Monitoring and alarm receiving centre – Part 3:
Procedures and requirements for operation

13.340.10 Zaštitna odjeća

Međunarodna normizacija (ISO)

ISO 16073:2011
Wildland firefighting personal protective equipment –
Requirements and test methods

17.140.20 Buka koju proizvode strojevi i oprema

Međunarodna normizacija (ISO)

ISO 22868:2011
Forestry and garden machinery – Noise test code for
portable hand-held machines with internal combustion
engine – Engineering method (Grade 2 accuracy)

Europska normizacija

EN 60704-2-13:2000
Household and similar electrical appliances – Test
code for the determination of airborne acoustical
noise – Part 2-13: Particular requirements for range
hoods (IEC 60704-2-13:2000)
EN ISO 22868:2011
Forestry and garden machinery – Noise test code for
portable hand-held machines with internal combustion
engine – Engineering method (Grade 2 accuracy)
(ISO 22868:2011)

17.140.30 Buka koju proizvode prijevozna sredstva

Međunarodna normizacija (ISO)

ISO 10844:2011
Acoustics – Specification of test tracks for measuring
noise emitted by road vehicles and their tyres

Europska normizacija

EN 15892:2011
Railway applications – Noise Emission – Measurement
of noise inside driver's cabs

17.180.20 Boje i mjerenje svjetlosti

Međunarodna normizacija (IEC)

IEC/PAS 62707-1:2011
LED – Binning – Part 1: General requirements and
white grid

Europska normizacija

EN 61966-12-1:2011
Multimedia systems and equipment – Colour
measurement and management – Part 12-1: Metadata
for identification of colour gamut (Gamut ID)
(IEC 61966-12-1:2011)

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija

EN 60770-1:2011
Transmitters for use in industrial-process control
systems – Part 1: Methods for performance evaluation
(IEC 60770-1:2010)
EN 62562:2011
Cavity resonator method to measure the complex
permittivity of low-loss dielectric plates
(IEC 62562:2010)

17.240 Mjerenje zračenja

Međunarodna normizacija (IEC)

IEC 60731:2011
Medical electrical equipment – Dosimeters with
ionization chambers as used in radiotherapy
IEC 62598:2011
Nuclear instrumentation – Constructional requirements
and classification of radiometric gauges

19.040 Ispitivanje utjecaja okoliša

Međunarodna normizacija (IEC)

IEC/TR 62131-1:2011
Environmental conditions – Vibration and shock of
electrotechnical equipment – Part 1: Process for
validation of dynamic data
IEC/TR 62131-2:2011
Environmental conditions – Vibration and shock of
electrotechnical equipment – Part 2: Equipment
transported in fixed wing jet aircraft
IEC/TR 62131-3:2011
Environmental conditions – Vibration and shock of
electrotechnical equipment – Part 3: Equipment
transported in rail vehicles
IEC/TR 62131-4:2011
Environmental conditions – Vibration and shock of
electrotechnical equipment – Part 4: Equipment
transported in road vehicles

Europska normizacija

EN 60068-2-5:2011
Environmental testing – Part 2-5: Tests – Test Sa:
Simulated solar radiation at ground level and guidance
for solar radiation testing (IEC 60068-2-5:2010 +
Corr.1:2010)

19.080 Električna i elektronička ispitivanja

Europska normizacija

- EN 60060-2:2011
High-voltage test techniques – Part 2: Measuring systems (IEC 60060-2:2010)

21.060.10 Svornjaci, vijci, usadni vijci

Međunarodna normizacija (ISO)

- ISO 14585:2011
Hexalobular socket pan head tapping screws
- ISO 14586:2011
Hexalobular socket countersunk head tapping screws
- ISO 14587:2011
Hexalobular socket raised countersunk (oval) head tapping screws
- ISO 4014:2011
Hexagon head bolts – Product grades A and B
- ISO 4016:2011
Hexagon head bolts – Product grade C
- ISO 8765:2011
Hexagon head bolts with metric fine pitch thread – Product grades A and B
- ISO 14579:2011
Hexalobular socket head cap screws
- ISO 14580:2011
Hexalobular socket cheese head screws
- ISO 14583:2011
Hexalobular socket pan head screws
- ISO 14584:2011
Hexalobular socket raised countersunk head screws

Europska normizacija

- EN ISO 14585:2011
Hexalobular socket pan head tapping screws (ISO 14585:2011)
- EN ISO 14586:2011
Hexalobular socket countersunk head tapping screws (ISO 14586:2011)
- EN ISO 14587:2011
Hexalobular socket raised countersunk (oval) head tapping screws (ISO 14587:2011)
- EN ISO 4014:2011
Hexagon head bolts – Product grades A and B (ISO 4014:2011)
- EN ISO 4016:2011
Hexagon head bolts – Product grade C (ISO 4016:2011)
- EN ISO 8765:2011
Hexagon head bolts with metric fine pitch thread – Product grades A and B (ISO 8765:2011)
- EN ISO 14579:2011
Hexalobular socket head cap screws (ISO 14579:2011)
- EN ISO 14580:2011
Hexalobular socket cheese head screws (ISO 14580:2011)
- EN ISO 14583:2011
Hexalobular socket pan head screws (ISO 14583:2011)
- EN ISO 14584:2011
Hexalobular socket raised countersunk head screws (ISO 14584:2011)

21.100.20 Valjni ležajevi

Međunarodna normizacija (ISO)

- ISO 15:2011
Rolling bearings – Radial bearings – Boundary dimensions, general plan
- ISO 9628:2006/Amd 1:2011
Rolling bearings – Insert bearings and eccentric locking collars – Boundary dimensions and tolerances – Amendment 1: Diameter series 3

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija

- EN 15776:2011
Unfired pressure vessels – Requirements for the design and fabrication of pressure vessels and pressure parts constructed from cast iron with an elongation after fracture equal or less than 15 %

23.040.20 Plastične cijevi

Međunarodna normizacija (ISO)

- ISO 10639:2004/Amd 1:2011
Plastics piping systems for pressure and non-pressure water supply – Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin

23.060.30 Zasunski ventili

Europska normizacija

- EN 593:2009+A1:2011
Industrial valves – Metallic butterfly valves

23.060.40 Regulatori tlaka

Međunarodna normizacija (IEC)

- IEC 60534-2-1:2011
Industrial-process control valves – Part 2-1: Flow capacity – Sizing equations for fluid flow under installed conditions

25.040.99 Drugi sustavi industrijske automatizacije

Međunarodna normizacija (ISO)

- ISO 29262:2011
Production equipment for microsystems – Interface between end effector and handling system

25.080.50 Strojevi za brušenje i poliranje

Europska normizacija

- EN 61029-2-4:2011
Safety of transportable motor-operated electric tools – Part 2-4: Particular requirements for bench grinders (IEC 61029-2-4:1993, modified + A1:2001, modified)

25.100.01 Alati za rezanje općenito

Međunarodna normizacija (ISO)

- ISO 13399-1:2006/Cor 2:2011
Cutting tool data representation and exchange – Part 1: Overview, fundamental principles and general information model

25.140.10 Pneumatski alati

Evropska normizacija

EN ISO 28927-11:2011

Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 11: Stone hammers (ISO 28927-11:2011)

25.140.20 Električni alati

Međunarodna normizacija (IEC)

IEC 60745-2-3:2006+A1:2010+Corr.1:2011

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

IEC 60745-2-3 Edition 2.1:2011

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

IEC 60745-2-22:2011

Hand-held motor-operated electric tools – Safety – Part 2-22: Particular requirements for cut-off machines

Evropska normizacija

EN 60745-2-3:2011

Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (IEC 60745-2-3:2006, modified + A1:2010, modified + A1:2010/Corr.:2011)

25.160.20 Potrošna gradiva za zavarivanje

Međunarodna normizacija (ISO)

ISO 544:2011

Welding consumables – Technical delivery conditions for filler materials and fluxes – Type of product, dimensions, tolerances and markings

Evropska normizacija

EN ISO 3580:2011

Welding consumables – Covered electrodes for manual metal arc welding of creep-resisting steels – Classification (ISO 3580:2010)

EN ISO 544:2011

Welding consumables – Technical delivery conditions for filler materials and fluxes – Type of product, dimensions, tolerances and markings (ISO 544:2011)

25.160.30 Oprema za zavarivanje

Međunarodna normizacija (ISO)

ISO 12176-3:2011

Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 3: Operator's badge

25.180.10 Električne peći

Evropska normizacija

EN 60519-1:2011

Safety in electroheating installations – Part 1: General requirements (IEC 60519-1:2010)

EN 60519-6:2002

Safety in electroheat installations – Part 6: Specifications for safety in industrial microwave heating equipment (IEC 60519-6:2002)

25.220.20 Površinska obradba

Međunarodna normizacija (ISO)

ISO 8994:2011

Anodizing of aluminium and its alloys – Rating system for the evaluation of pitting corrosion – Grid method

ISO 2106:2011

Anodizing of aluminium and its alloys – Determination of mass per unit area (surface density) of anodic oxidation coatings – Gravimetric method

Evropska normizacija

EN ISO 8251:2011

Anodizing of aluminium and its alloys – Measurement of abrasion resistance of anodic oxidation coatings (ISO 8251:2011)

EN ISO 2106:2011

Anodizing of aluminium and its alloys – Determination of mass per unit area (surface density) of anodic oxidation coatings – Gravimetric method (ISO 2106:2011)

EN ISO 8994:2011

Anodizing of aluminium and its alloys – Rating system for the evaluation of pitting corrosion – Grid method (ISO 8994:2011)

25.220.40 Prevlačenje kovinama

Međunarodna normizacija (ISO)

ISO 26945:2011

Metallic and other inorganic coatings – Electrodeposited coatings of tin-cobalt alloy

Evropska normizacija

EN ISO 26945:2011

Metallic and other inorganic coatings – Electrodeposited coatings of tin-cobalt alloy (ISO 26945:2011)

27.060.20 Plinski plamenici

Međunarodna normizacija (ISO)

ISO 23550:2011

Safety and control devices for gas burners and gas-burning appliances – General requirements

27.060.30 Kotlovi i izmjenjivači topline

Evropska normizacija

EN 12953-6:2011

Shell Boilers – Part 6: Requirements for equipment for the boiler

27.140 Hidroenergetika

Evropska normizacija

EN 62006:2011

Hydraulic machines – Acceptance tests of small hydroelectric installations

27.160 Sunčeva energija

Međunarodna normizacija (IEC)

IEC 60904-5:2011

Photovoltaic devices – Part 5: Determination of the equivalent cell temperature (ECT) of photovoltaic (PV) devices by the open-circuit voltage method

Europska normizacija

EN 61853-1:2011

Photovoltaic (PV) module performance testing and energy rating – Part 1: Irradiance and temperature performance measurements and power rating (IEC 61853-1:2011)

27.180 Sustavi vjetrovinih turbina i drugi alternativni izvori energije

Europska normizacija

EN 61400-22:2011

Wind turbines – Part 22: Conformity testing and certification (IEC 61400-22:2010)

EN 61400-25-6:2011

Wind turbines – Part 25-6: Communications for monitoring and control of wind power plants – Logical node classes and data classes for condition monitoring (IEC 61400-25-6:2010)

29.020 Elektrotehnika općenito

Međunarodna normizacija (IEC)

IEC 60300-3-12:2011

Dependability management – Part 3-12: Application guide – Integrated logistic support

IEC/TR 62687:2011

Graphical symbols for use on equipment – Terminology

IEC 60364-5-54:2011

Low-voltage electrical installations – Part 5-54: Selection and erection of electrical equipment – Earthing arrangements and protective conductors

29.035.10 Papirna i kartonska izolacijska gradiva

Europska normizacija

EN 60763-1:2011

Laminated pressboard for electrical purposes – Part 1: Definitions, classification and general requirements (IEC 60763-1:2010)

29.035.20 Plastična i gumena izolacijska gradiva

Europska normizacija

EN 50363-0:2011

Insulating, sheathing and covering materials for low-voltage energy cables – Part 0: General introduction

EN 50363-2-1:2005/A1:2011

Insulating, sheathing and covering materials for low voltage energy cables – Part 2-1: Cross-linked elastomeric sheathing compounds

EN 50363-3:2005/A1:2011

Insulating, sheathing and covering materials for low voltage energy cables – Part 3: PVC insulating compounds

EN 50363-5:2005/A1:2011

Insulating, sheathing and covering materials for low voltage energy cables – Part 5: Halogen-free, cross-linked insulating compounds

EN 50363-6:2005/A1:2011

Insulating, sheathing and covering materials for low voltage energy cables – Part 6: Halogen-free, cross-linked sheathing compounds

EN 50363-8:2005/A1:2011

Insulating, sheathing and covering materials for low voltage energy cables – Part 8: Halogen-free, thermoplastic sheathing compounds

29.035.99 Druga izolacijska gradiva

Europska normizacija

EN 60763-3-1:2011

Laminated pressboard for electrical purposes – Part 3: Specifications for individual materials – Sheet 1: Requirements for laminated precompressed pressboard, Types LB 3.1A.1 and LB3.1A.2 (IEC 60763-3-1:2010)

29.060.01 Električne žice i kabeli općenito

Europska normizacija

CLC/TR 50480:2011

Determination of cross-sectional area of conductors and selection of protective devices

29.060.10 Žice

Međunarodna normizacija (IEC)

IEC 60317-3 ed3.1:2011

Specifications for particular types of winding wires – Part 3: Polyester enamelled round copper wire, class 155

29.060.20 Kabeli

Europska normizacija

EN 50395:2005/A1:2011

Electrical test methods for low voltage energy cables

EN 50396:2005/A1:2011

Non electrical test methods for low voltage energy cables

29.080.30 Izolacijski sustavi

Međunarodna normizacija (IEC)

IEC 60071-1 ed8.1:2011

Insulation co-ordination – Part 1: Definitions, principles and rules

29.120.10 Zaštitne cijevi za električne potrebe

Međunarodna normizacija (IEC)

IEC 60670-1:2002/am1:2011

Amendment 1 – Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 1: General requirements

IEC 60670-24:2011

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment

29.120.30 Utikači, utičnice, sprežnici

Međunarodna normizacija (IEC)

IEC 60884-2-7:2011

Plugs and socket-outlets for household and similar purposes – Part 2-7: Particular requirements for cord extension sets

29.120.40 Sklopke

Europska normizacija

EN 61058-2-5:2011
Switches for appliances — Part 2-5: Particular requirements for change-over selectors (IEC 61058-2-5:2010)

29.120.50 Osigurači i drugi uređaji za nadstrujnu zaštitu

Međunarodna normizacija (IEC)

IEC 61643-11:2011
Low-voltage surge protective devices — Part 11: Surge protective devices connected to low-voltage power systems — Requirements and test methods

Europska normizacija

EN 50550:2011
Power frequency overvoltage protective device for household and similar applications (POP)
HD 60364-4-42:2011
Low voltage electrical installations — Part 4-42: Protection for safety — Protection against thermal effects (IEC 60364-4-42:2010, modified)

29.120.70 Sklopnici

Međunarodna normizacija (IEC)

IEC 61810-2:2011
Electromechanical elementary relays — Part 2: Reliability
IEC 61810-2-1:2011
Electromechanical elementary relays — Part 2-1: Reliability — Procedure for the verification of B10 values
IEC 62246-1:2011
Reed switches — Part 1: Generic specification

Europska normizacija

EN 62246-1:2011
Reed switches — Part 1: Generic specification (IEC 62246-1:2011)

29.130.10 Visokonaponski rasklopnici i upravljački uređaji

Europska normizacija

EN 62271-206:2011
High-voltage switchgear and controlgear — Part 206: Voltage presence indicating systems for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-206:2011)

29.130.20 Niskonaponski rasklopnici i upravljački uređaji

Međunarodna normizacija (IEC)

IEC 60947-1 ed5.1:2011
Low-voltage switchgear and controlgear — Part 1: General rules
IEC 60947-4-3:2007/am2:2011
Amendment 2 — Low-voltage switchgear and controlgear — Part 4-3: Contactors and motor-starters — AC semiconductor controllers and contactors for non-motor loads

29.140.10 Kape i držači svjetiljki

Međunarodna normizacija (IEC)

IEC 60238:2004/A1:2008/A2:2011
Edison screw lampholders
IEC 60838-1:2004/am2:2011
Miscellaneous lampholders — Part 1: General requirements and tests

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Međunarodna normizacija (IEC)

IEC 60662:2011
High-pressure sodium vapour lamps — Performance specifications
IEC 62560:2011
Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications
IEC 61167:2011
Metal halide lamps — Performance specification

29.140.99 Druge norme koje se odnose na svjetiljke

Međunarodna normizacija (IEC)

IEC 62560:2011
Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications
IEC 62384 ed1.1:2011
DC or AC supplied electronic control gear for LED modules — Performance requirements

Europska normizacija

EN 61347-1:2008/A1:2011
Lamp controlgear — Part 1: General and safety requirements (IEC 61347-1:2007/am1:2010)

29.160.40 Električni agregati

Međunarodna normizacija (IEC)

IEC 62040-3:2011
Uninterruptible power systems (UPS) — Part 3: Method of specifying the performance and test requirements

29.180 Transformatori. Prigušnice

Međunarodna normizacija (IEC)

IEC 60076-2:2011
Power transformers — Part 2: Temperature rise for liquid-immersed transformers

Europska normizacija

EN 61558-2-9:2011
Safety of transformers, reactors, power supply units and combinations thereof — Part 2-9: Particular requirements and tests for transformers and power supply units for class III handlamps for tungsten filament lamps (IEC 61558-2-9:2010)
EN 61558-2-12:2011
Safety of transformers, reactors, power supply units and combinations thereof — Part 2-12: Particular requirements and tests for constant voltage transformers and power supply units for constant voltage (IEC 61558-2-12:2011)

- EN 61558-2-12:2001
Safety of power transformers, power supply units and similar devices – Part 2-12: Particular requirements for constant voltage transformers (IEC 61558-2-12:2001)
- EN 61558-2-20:2011
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-20: Particular requirements and tests for small reactors (IEC 61558-2-20:2010)

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Međunarodna normizacija (IEC)

- IEC 61803 Edition 1.1:2011
Determination of power losses in high-voltage direct current (HVDC) converter stations with line-commutated converters
- IEC/TR 62543:2011
High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC)
- IEC 62637-1:2011
Battery charging interface for smallhand held multimedia devices – Part 1: 2 mm barrel interface
- IEC 62637-2:2011
Battery charging interface for small handheld multimedia devices – Part 2: 2 mm barrel type interface conformance testing

29.220.10 Primarni članci i baterije

Međunarodna normizacija (ISO)

- IEC 60086-3:2011
Primary batteries – Part 3: Watch batteries

Međunarodna normizacija (IEC)

- IEC 60086-1:2011
Primary batteries – Part 1: General
- IEC 60086-2:2011
Primary batteries – Part 2: Physical and electrical specifications
- IEC 60086-5:2011
Primary batteries – Part 5: Safety of batteries with aqueous electrolyte

29.240.01 Mreže za prijenos i razdiobu električne energije općenito

Međunarodna normizacija (IEC)

- IEC 61936-1:2010/Corr.1:2011
Power installations exceeding 1 kV a.c. – Part 1: Common rules

Europska normizacija

- CLC/TR 50555:2010/AC:2011
Interruption indexes
- EN 61936-1:2010/AC:2011
Power installations exceeding 1 kV a.c. – Part 1: Common rules (IEC 61936-1:2010, modified)

29.240.10 Podstanice. Odvodnici tranzijenata

Međunarodna normizacija (IEC)

- IEC/TR 62543:2011
High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC)

31.020 Elektroničke sastavnice općenito

Međunarodna normizacija (IEC)

- IEC 60300-3-12:2011
Dependability management – Part 3-12: Application guide – Integrated logistic support

31.060.30 Papirni i plastični kondenzatori

Europska normizacija

- EN 61881-1:2011
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 1: Requirements, tests and general information (IEC 61881-1:2010)

31.060.70 Energetski kondenzatori

Europska normizacija

- EN 60252-1:2011
AC motor capacitors – Part 1: General – Performance, testing and rating – Safety requirements – Guidance for installation and operation (IEC 60252-1:2010)
- EN 60252-2:2011
AC motor capacitors – Part 2: Motor start capacitors (IEC 60252-2:2010)

31.080.01 Poluvodički uređaji općenito

Međunarodna normizacija (IEC)

- IEC 60749-23 Edition 1.1:2011
Semiconductor devices – Mechanical and climatic test methods – Part 23: High temperature operating life
- IEC 62047-8:2011
Semiconductor devices – Micro-electromechanical devices – Part 8: Strip bending test method for tensile property measurement of thin films

Europska normizacija

- EN 60749-15:2010/AC:2011
Semiconductor devices – Mechanical and climatic test methods – Part 15: Resistance to soldering temperature for through-hole mounted devices (IEC 60749-15:2010)
- EN 60204-33:2011
Safety of machinery – Electrical equipment of machines – Part 33: Requirements for semiconductor fabrication equipment (IEC 60204-33:2009, modified)
- EN 60749-23:2004/A1:2011
Semiconductor devices – Mechanical and climatic test methods – Part 23: High temperature operating life

31.140 Piezoelektrični i dielektrični uređaji

Međunarodna normizacija (IEC)

- IEC 60679-6:2011
Quartz crystal controlled oscillators of assessed quality – Part 6: Phase jitter measurement method for quartz crystal oscillators and SAW oscillators – Application guidelines

31.200 Integrirani krugovi. Mikroelektronika

Europska normizacija

EN 62132-2:2011

Integrated circuits — Measurement of electromagnetic immunity — Part 2: Measurement of radiated immunity — TEM cell and wideband TEM cell method

31.220.01 Elektromehaničke sastavnice općenito

Međunarodna normizacija (IEC)

EN 62047-8:2011

Semiconductor devices — Micro-electromechanical devices — Part 8: Strip bending test method for tensile property measurement of thin films

31.220.10 Utikački i utičnički uređaji. Konektori

Međunarodna normizacija (IEC)

IEC 60139-9:2011

Connectors for frequencies below 3 MHz — Part 9: Circular connectors for radio and associated sound equipment

IEC 60352-8:2011

Solderless connections — Part 8: Compression mount connections — General requirements, test methods and practical guidance

IEC 60512-26-100:2008/am1:2011

Amendment 1 — Connectors for electronic equipment — Tests and measurements — Part 26-100: Measurement setup, test and reference arrangements and measurements for connectors according to IEC 60603-7 — Tests 26a to 26g

31.260 Optoelektronika. Laserska oprema

Međunarodna normizacija (IEC)

IEC 60825-4:2009/am2:2011

Amendment 2 — Safety of laser products — Part 4: Laser guards

Europska normizacija

EN 60747-5-5:2011

Semiconductor devices — Discrete devices — Part 5-5: Optoelectronic devices — Photocouplers (IEC 60747-5-5:2007)

EN 62341-6-1:2011

Organic light emitting diode (OLED) displays — Part 6-1: Measuring methods of optical and electro-optical parameters (IEC 62341-6-1:2009)

33.020 Telekomunikacije općenito

Međunarodna normizacija (IEC)

IEC 60300-3-12:2011

Dependability management — Part 3-12: Application guide — Integrated logistic support

33.040.40 Mreže za prijenos podataka

Europska normizacija

EN 61850-7-3:2011

Communication networks and systems for power utility automation — Part 7-3: Basic communication structure — Common data classes (IEC 61850-7-3:2010)

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

EN 300 373-1 V1.3.1

Electromagnetic compatibility and Radio spectrum Matters (ERM) — Maritime mobile transmitters and receivers for use in the MF and HF bands — Part 1: Technical characteristics and methods of measurement

EN 300 338-5 V1.1.1

Electromagnetic compatibility and Radio spectrum Matters (ERM) — Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service — Part 5: Handheld VHF Class D DSC

EN 302 372-2 V1.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM) — Short Range Devices (SRD); Equipment for Detection and Movement — Tanks Level Probing Radar (TLPR) operating in the frequency bands 5,8 GHz, 10 GHz, 25 GHz, 61 GHz and 77 GHz — Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

33.060.40 Kabelski sustavi za razdiobu

Europska normizacija

EN 60728-3:2011

Cable networks for television signals, sound signals and interactive services — Part 3: Active wideband equipment for cable networks (IEC 60728-3:2010)

33.100.10 Zračenje

Međunarodna normizacija (IEC)

IEC 61000-6-3:2011

Electromagnetic compatibility (EMC) — Part 6-3: Generic standards — Emission standard for residential, commercial and light-industrial environments

IEC 61000-6-4: 2011

Electromagnetic compatibility (EMC) — Part 6-4: Generic standards — Emission standard for industrial environments

Europska normizacija

EN 61000-6-4:2007/A1:2011

Electromagnetic compatibility (EMC) — Part 6-4: Generic standards — Emission standard for industrial environments (IEC 61000-6-4:2006/am1:2010)

33.100.20 Neosjetljivost

Međunarodna normizacija (IEC)

IEC 61000-4-4 Edition 2.1:2011

Electromagnetic compatibility (EMC) — Part 4-4: Testing and measurement techniques — Electrical fast transient/burst immunity test

IEC 61000-4-18 Edition 1.1:2011

Electromagnetic compatibility (EMC) — Part 4-18: Testing and measurement techniques — Damped oscillatory wave immunity test

Europska normizacija

EN 61000-4-16:1998/A2:2011

Electromagnetic compatibility (EMC) – Part 4-16: Testing and measurement techniques – Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz (IEC 61000-4-16:1998/am2:2009)

EN 62132-2:2011

Integrated circuits – Measurement of electromagnetic immunity – Part 2: Measurement of radiated immunity – TEM cell and wideband TEM cell method (IEC 62132-2:2010)

33.120.10 Suosni kabeli. Valovodi

Europska normizacija

EN 50289-4-17:2011

Communication cables – Specifications for test methods – Part 4-17: Test methods for UV resistance evaluation of the sheath of electrical and optical fibre cable

33.120.30 RF konektori

Međunarodna normizacija (IEC)

IEC 61169-41:2011

Radio-frequency connectors – Part 41: Sectional specification for CQA series quick lock R.F. coaxial connectors

Europska normizacija

EN 61169-18:2011

Radio-frequency connectors – Part 18: Sectional specification – Radio frequency coaxial connectors of type SSMA

EN 61169-19:2011

Radio-frequency connectors – Part 19: Sectional specification – Radio frequency coaxial connectors of type SSMB

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Međunarodna normizacija (IEC)

IEC 60065:2011

Audio, video and similar electronic apparatus – Safety requirements

Europska normizacija

EN 60065:2002/A12:2011

Audio, video and similar electronic apparatus – Safety requirements

EN 61966-12-1:2011

Multimedia systems and equipment – Colour measurement and management – Part 12-1: Metadata for identification of colour gamut (Gamut ID) (IEC 61966-12-1:2011)

33.160.30 Audiosustavi

Međunarodna normizacija (IEC)

IEC 62571:2011

Digital audiobook file format and player requirements

33.160.40 Videosustavi

Europska normizacija

EN 60461:2011

Time and control code (IEC 60461:2010)

EN 61834-4:1998/A1:2011

Recording – Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1250-50 systems) – Part 4: Pack header table and contents (IEC 61834-4:1998/am1:2010)

33.160.50 Pribor

Europska normizacija

EN 60268-7:2011

Sound system equipment – Part 7: Headphones and earphones (IEC 60268-7:2010)

33.170 Televizijski i radijski prijenos

Europska normizacija

EN 62455:2011

Internet protocol (IP) and transport stream (TS) based service access (TA1) (IEC 62455:2010)

EN 302 755 V1.2.1

Digital Video Broadcasting (DVB) – Frame structure channel coding and modulation for a second generation digital terrestrial television broadcasting system (DVB-T2)

33.180.10 Svjetlovodna vlakna i kabeli

Međunarodna normizacija (IEC)

IEC 60793-2-10:2011

Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibres

Europska normizacija

EN 50289-4-17:2011

Communication cables – Specifications for test methods – Part 4-17: Test methods for UV resistance evaluation of the sheath of electrical and optical fibre cable

EN 50551-1:2011

Simplex and duplex cables to be used for cords – Part 1: Blank Detail Specification and minimum requirements

EN 60793-1-30:2011

Optical fibres – Part 1-30: Measurement methods and test procedures – Fibre proof test (IEC 60793-1-30:2010)

EN 60793-2-40:2011

Optical fibres – Part 2-40: Product specifications – Sectional specification for category A4 multimode fibres (IEC 60793-2-40:2009)

33.180.20 Svjetlovodni vezni uređaji

Međunarodna normizacija (IEC)

IEC 61300-1:2011

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance

Europska normizacija

- EN 50377-15-1:2011
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 15-1: Type MPO with PPS ferrules terminated on IEC 60793-2 category A1a multimode fibre for 50/125 micron multimode fibre
- EN 61300-2-9:2010/AC:2011
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-9: Tests – Shock (IEC 61300-2-9:2010)
- EN 61300-2-17:2011
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Tests – Cold (IEC 61300-2-17:2010)
- EN 61753-086-6:2011
Fibre optic interconnecting devices and passive components – Performance standard – Non-connectorized single-mode bidirectional 1490 / 1550 nm downstream and 1310 nm upstream WDM devices for category O – Uncontrolled environment (IEC 61753-086-6:2010)
- EN 61753-131-3:2011
Fibre optic interconnecting devices and passive components – Performance standard – Single-mode mechanical fibre splice for category U – Uncontrolled environment (IEC 61753-131-3:2010)

33.180.30 Optička pojačala

Međunarodna normizacija (IEC)

- IEC/TR 62343-6-1:2011
Dynamic modules – Part 6-1: Dynamic channel equalizers
- IEC 62343-2:2011
Dynamic modules – Part 2: Reliability qualification

Europska normizacija

- EN 62148-3:2011/AC:2011
Fibre optic active components and devices – Package and interface standards – Part 3: SFF 20-pin transceivers (IEC 62148-3:2010)

33.180.99 Druga svjetlovodna oprema

Europska normizacija

- EN 61746-1:2011
Calibration of optical time-domain reflectometers (OTDR) – OTDR for single-mode fibres (IEC 61746-1:2009)
- EN 62496-2-2:2011
Optical circuit boards – Measurements – Dimensions of optical circuit boards (IEC 62496-2-2:2011)
- EN 62496-3:2011
Optical circuit boards – Performance standards – General and guidance (IEC 62496-3:2011)
- EN 62496-4:2011
Optical circuit boards – Interface standards – General and guidance (IEC 62496-4:2011)

35.020 Informacijska tehnika (IT) općenito

Međunarodna normizacija (IEC)

- IEC 60300-3-12:2011
Dependability management – Part 3-12: Application guide – Integrated logistic support

Europska normizacija

- EN 60950-1:2006+A12:2011
Information technology equipment – Safety – General requirements (IEC 60950-1:2005, modified)

35.040 Skupovi znakova i informacijsko kodiranje

Međunarodna normizacija (ISO)

- ISO/IEC 14496-5:2001/Amd 27:2011
Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 27: Scalable complexity 3D mesh coding reference software
- ISO/IEC 15938-12:2008/Amd 1:2011
Information technology – Multimedia content description interface – Part 12: Query format – Amendment 1: Reference software and flat metadata output
- ISO/IEC 18033-1:2005/Amd 1:2011
Information technology – Security techniques – Encryption algorithms – Part 1: General
- ISO/IEC 23006-3:2011
Information technology – MPEG extensible middleware (MXM) – Part 3: MXM reference software
- ISO/IEC 9797-1:2011
Information technology – Security techniques – Message Authentication Codes (MACs) – Part 1: Mechanisms using a block cipher
- ISO/IEC 10646:2011
Information technology – Universal Coded Character Set (UCS)
- ISO/IEC 14496-26:2010/Cor 2:2011
Information technology – Coding of audio-visual objects – Part 26: Audio conformance
- ISO/IEC 27031:2011
Information technology – Security techniques – Guidelines for information and communication technology readiness for business continuity

Europska normizacija

- EN 62507-1:2011
Requirements for identification systems enabling unambiguous information interchange – Part 1: Principles and methods (IEC 62507-1:2010)
- EN 13710:2011
European Ordering Rules – Ordering of characters from Latin, Greek, Cyrillic, Georgian and Armenian scripts

35.080 Razvoj računalne podrške i dokumentacijski sustav

Međunarodna normizacija (ISO)

- ISO/IEC 15026-2:2011
Systems and software engineering – Systems and software assurance – Part 2: Assurance case
- ISO/IEC 15909-2:2011
Systems and software engineering – High-level Petri nets – Part 2: Transfer format
- ISO/IEC 19761:2011
Software engineering – COSMIC: a functional size measurement method
- ISO/IEC 25010:2011
Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuARE) – System and software quality models

ISO/IEC 25040:2011
Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Evaluation process

35.100.70 Sloj primjene

Međunarodna normizacija (ISO)

ISO/IEC 24793-1:2010
Information technology – Mobile multicast communications: Framework

ISO/IEC 24793-2:2010
Information technology – Mobile multicast communications: Protocol over native IP multicast networks

35.110 Umreživanje

Međunarodna normizacija (ISO)

ISO/IEC 11801:2002/Amd 2:2010/Cor 1:2010
Information technology – Generic cabling for customer premises

Europska normizacija

EN 50174-2:2009/A1:2011
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings

EN 50174-1:2009/A1:2011
Information technology – Cabling installation – Part 1: Installation specification and quality assurance

35.200 Sučelna i vezna oprema

Međunarodna normizacija (IEC)

ISO/IEC 14165-372:2011
Information technology – Fibre Channel – Part 372: Methodologies of interconnects-2 (FC-MI-2)

ISO/IEC 14776-151:2010
Information technology – Small Computer System Interface (SCSI) – Part 151: Serial Attached SCSI – 1.1 (SAS-1.1)

ISO/IEC 29143:2011
Information technology – Automatic identification and data capture techniques – Air interface specification for Mobile RFID interrogators

35.220.01 Uređaji za pohranu podataka općenito

Međunarodna normizacija (ISO)

ISO/IEC 24775:2011
Information technology – Storage management

35.240.15 Identifikacijske kartice i srodni uređaji

Međunarodna normizacija (ISO)

ISO/IEC 7816-1:2011
Identification cards – Integrated circuit cards – Part 1: Cards with contacts – Physical characteristics

ISO 12176-3:2011
Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 3: Operator's badge

ISO/IEC 19784-4:2011
Information technology – Biometric application programming interface – Part 4: Biometric sensor function provider interface

ISO/IEC 19794-8:2006/Cor 1:2011
Information technology – Biometric data interchange formats – Part 8: Finger pattern skeletal data

ISO/IEC 10373-8:2011
Identification cards – Test methods – Part 8: USB-ICC

ISO/IEC 19795-5:2011
Information technology – Biometric performance testing and reporting – Part 5: Access control scenario and grading scheme

ISO/IEC 24727-5:2011
Identification cards – Integrated circuit card programming interfaces – Part 5: Testing procedures

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Međunarodna normizacija (IEC)

IEC 62571:2011
Digital audiobook file format and player requirements

Europska normizacija

EN 62524:2011
Multimedia systems and equipment – Multimedia e-publishing and e-books – Reader's format for e-publishing (IEC 62524:2009)

35.240.40 Primjene IT-a u bankarstvu

Međunarodna normizacija (ISO)

ISO 9564-1:2011
Financial services – Personal Identification Number (PIN) management and security – Part 1: Basic principles and requirements for PINs in card-based systems

35.240.50 Primjene IT-a u industriji

Međunarodna normizacija (ISO)

ISO 10303-52:2011
Industrial automation systems and integration – Product data representation and exchange – Part 52: Integrated generic resource: Mesh-based topology

ISO 13399-1:2006/Cor 2:2011
Cutting tool data representation and exchange – Part 1: Overview, fundamental principles and general information model

Međunarodna normizacija (IEC)

IEC 62264-5:2011
Enterprise-control system integration – Part 5: Business to manufacturing transactions

35.240.60 Primjene IT-a u prijevozu i trgovini

Međunarodna normizacija (ISO)

ISO/IEC 29143:2011
Information technology – Automatic identification and data capture techniques – Air interface specification for Mobile RFID interrogators

ISO 29283:2011
ITS CALM Mobile Wireless Broadband applications using Communications in accordance with IEEE 802.20

- ISO/IEC 18046-2:2011
Information technology – Radio frequency identification device performance test methods – Part 2: Test methods for interrogator performance
- ISO 28005-2:2011
Security management systems for the supply chain – Electronic port clearance (EPC) – Part 2: Core data elements

Europska normizacija

- EN 15876-2:2011
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to EN 15509 – Part 2: Abstract test suite
- CEN/TR 16092:2011
Electronic fee collection – Requirements for pre-payment systems
- EN 302 686 V1.1.1
Intelligent Transport Systems (ITS) – Radiocommunications equipment operating in the 63 GHz to 64 GHz frequency band – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

35.240.80 Primjene IT-a u tehnici zaštite zdravlja

Međunarodna normizacija (ISO)

- ISO 21090:2011
Health Informatics – Harmonized data types for information interchange

Europska normizacija

- EN 62464-2:2011
Magnetic resonance equipment for medical imaging – Part 2: Classification criteria for pulse sequences
- EN ISO 21090:2011
Health Informatics – Harmonized data types for information interchange (ISO 21090:2011)
- EN ISO 11073-10404:2011
Health informatics – Personal health device communication – Part 10404: Device specialization – Pulse oximeter (ISO/IEEE 11073-10404:2010)
- EN ISO 11073-10407:2011
Health informatics – Personal health device communication – Part 10407: Device specialization – Blood pressure monitor (ISO/IEEE 11073-10407:2010)
- EN ISO 11073-10408:2011
Health informatics – Personal health device communication – Part 10408: Device specialization – Thermometer (ISO/IEEE 11073-10408:2010)
- EN ISO 11073-10415:2011
Health informatics – Personal health device communication – Part 10415: Device specialization – Weighing scale (ISO/IEEE 11073-10415:2010)
- EN ISO 11073-10417:2011
Health informatics – Personal health device communication – Part 10417: Device specialization – Glucose meter (ISO/IEEE 11073-10417:2010)
- EN ISO 11073-10471:2011
Health Informatics – Personal health device communication – Part 10471: Device specialization – Independant living activity hub (ISO/IEEE 11073-10471:2010)
- EN ISO 11073-20601:2011
Health informatics – Personal health device communication – Part 20601: Application profile – Optimized exchange protocol (ISO/IEEE 11073-20601:2010)

35.260 Uredski strojevi

Europska normizacija

- EN 60950-1:2006/A12:2011
Information technology equipment – Safety – Part 1: General requirements

37.040.10 Fotografaska oprema. Projektori

Europska normizacija

- EN 61966-12-1:2011
Multimedia systems and equipment – Colour measurement and management – Part 12-1: Metadata for identification of colour gamut (Gamut ID)

43.020 Cestovna vozila općenito

Međunarodna normizacija (ISO)

- ISO 10844:2011
Acoustics – Specification of test tracks for measuring noise emitted by road vehicles and their tyres
- ISO 14794:2011
Heavy commercial vehicles and buses – Braking in a turn – Open-loop test methods
- ISO 10392:2011
Road vehicles – Determination of centre of gravity

43.040.10 Električna i elektronička oprema

Međunarodna normizacija (ISO)

- ISO 7637-2:2011
Road vehicles – Electrical disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only

43.040.15 Informatika automobila. Računalni sustavi na vozilu

Međunarodna normizacija (ISO)

- ISO 15765-4:2011
Road vehicles – Diagnostic communication over Controller Area Network (DoCAN) – Part 4: Requirements for emissions-related systems

43.040.30 Pokazni i upravljački uređaji

Međunarodna normizacija (ISO)

- ISO 16844-2:2011
Road vehicles – Tachograph systems – Part 2: Electrical interface with recording unit

43.040.60 Oplate i sastavnice oplate

Međunarodna normizacija (ISO)

- ISO 20176:2011
Road vehicles – H-point machine (HPM-II) – Specifications and procedure for H-point determination

Europska normizacija

- EN 624:2011
Specification for dedicated LPG appliances – Room sealed LPG space heating equipment for installation in vehicles and boats

43.080.01 Poslovna vozila općenito

Međunarodna normizacija (ISO)

- ISO 14793:2011
Road vehicles — Heavy commercial vehicles and buses — Lateral transient response test methods
- ISO 16333:2011
Heavy commercial vehicles and buses — Steady-state rollover threshold — Tilt-table test method
- ISO 14792:2011
Road vehicles — Heavy commercial vehicles and buses — Steady-state circular tests

43.100 Osobna vozila. Stambene prikolice i lake prikolice

Međunarodna normizacija (ISO)

- ISO 17288-1:2011
Passenger cars — Free-steer behaviour — Part 1: Steering-release open-loop test method
- ISO 17288-2:2011
Passenger cars — Free-steer behaviour — Part 2: Steering-pulse open-loop test method
- ISO 3888-2:2011
Passenger cars — Test track for a severe lane-change manoeuvre — Part 2: Obstacle avoidance

Europska normizacija

- EN 1949:2011
Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles

43.180 Oprema za dijagnostiku, održavanje i ispitivanje

Međunarodna normizacija (ISO)

- ISO 3888-2:2011
Passenger cars — Test track for a severe lane-change manoeuvre — Part 2: Obstacle avoidance

45.040 Materijali i dijelovi za željezničku tehniku

Europska normizacija

- EN 13262:2004+A2:2011
Railway applications — Wheelsets and bogies — Wheels — Product requirements
- EN 13979-1:2003+A2:2011
Railway applications — Wheelsets and bogies — Monobloc wheels — Technical approval procedure — Part 1: Forged and rolled wheels

45.060.01 Željeznička tračna vozila. Općenito

Europska normizacija

- EN 61881-1:2011
Railway applications — Rolling stock equipment — Capacitors for power electronics — Part 1: Paper/plastic film capacitors (IEC 61881-1:2010)

45.060.10 Željeznička tračna vučna vozila

Europska normizacija

- EN 15892:2011
Railway applications — Noise Emission — Measurement of noise inside driver's cabs

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija

- EN 62376:2011
Maritime navigation and radiocommunication equipment and systems — Electronic chart system (ECS) — Operational and performance requirements, methods of testing and required test results (IEC 62376:2010)

47.020.90 Brodski sustavi prozračivanja, klimatizacije i grijanja

Europska normizacija

- EN 624:2011
Specification for dedicated LPG appliances — Room sealed LPG space heating equipment for installation in vehicles and boats

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija

- EN 4660-001:2011
Aerospace series — Modular and Open Avionics Architectures — Part 001: Architecture
- EN 4660-002:2011
Aerospace series — Modular and Open Avionics Architectures — Part 002: Common Functional Modules
- EN 4660-003:2011
Aerospace series — Modular and Open Avionics Architectures — Part 003: Communications/Network
- EN 4660-004:2011
Aerospace series — Modular and Open Avionics Architectures — Part 004: Packaging

49.100 Zemaljska služba i oprema za održavanje

Međunarodna normizacija (ISO)

- ISO 27470:2011
Aircraft ground equipment — Upper deck catering vehicle — Functional requirements

49.140 Svemirski sustavi i radnje

Međunarodna normizacija (ISO)

- ISO 27026:2011
Space systems — Programme management — Breakdown of project management structures
- ISO 23460:2011
Space projects — Programme management — Dependability assurance requirements

59.080.40 Premazane tkanine

Europska normizacija

EN 15977:2011

Rubber or plastic coated fabrics – Mechanical properties – Determination of the elongation under load and the residual deformation

59.100.10 Tekstilno staklo

Međunarodna normizacija (ISO)

ISO 8516:2011

Textile glass – Textured yarns – Basis for a specification

59.140.30 Koža i krzno

Međunarodna normizacija (ISO)

ISO 17072-1:2011

Leather – Chemical determination of metal content – Part 1: Extractable metals

ISO 17072-2:2011

Leather – Chemical determination of metal content – Part 2: Total metal content

ISO 17234-2:2011

Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 2: Determination of 4-aminoazobenzene

Europska normizacija

EN ISO 17072-1:2011

Leather – Chemical determination of metal content – Part 1: Extractable metals (ISO 17072-1:2011)

EN ISO 17072-2:2011

Leather – Chemical determination of metal content – Part 2: Total metal content (ISO 17072-2:2011)

EN ISO 17234-2:2011

Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 2: Determination of 4-aminoazobenzene (ISO 17234-2:2011)

61.060 Obuća

Međunarodna normizacija (ISO)

ISO 10748:2011

Footwear – Test method for slide fasteners – Slider locking strength

Europska normizacija

EN ISO 10748:2011

Footwear – Test method for slide fasteners – Slider locking strength (ISO 10748:2011)

65.020.30 Stočarstvo i uzgoj stoke

Međunarodna normizacija (ISO)

ISO 8607:2003/Amd 1:2011

Artificial insemination of animals – Frozen semen of breeding bulls – Enumeration of living aerobic microorganisms

65.060.70 Oprema za vrtlarstvo

Europska normizacija

EN 13683:2003+A2:2011

Garden equipment – Integrally powered shredders/chippers – Safety

65.060.80 Oprema za šumarstvo

Međunarodna normizacija (ISO)

ISO 22868:2011

Forestry and garden machinery – Noise test code for portable hand-held machines with internal combustion engine – Engineering method (Grade 2 accuracy)

Europska normizacija

EN ISO 22868:2011

Forestry and garden machinery – Noise test code for portable hand-held machines with internal combustion engine – Engineering method (Grade 2 accuracy) (ISO 22868:2011)

67.060 Žitarice, mahunjače i proizvodi od žitarica i mahunjača

Međunarodna normizacija (ISO)

ISO 7301:2011

Rice – Specification

67.140.20 Kava i nadomjestci za kavu

Međunarodna normizacija (ISO)

ISO 1446:2001/Amd 1:2011

Green coffee – Determination of water content – Basic reference method

ISO 8455:2011

Green coffee – Guidelines for storage and transport

ISO 24114:2011

Instant coffee – Criteria for authenticity

67.200.10 Životinjske i biljne masti i ulja

Međunarodna normizacija (ISO)

ISO 12966-2:2011

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

Europska normizacija

EN ISO 3656:2011

Animal and vegetable fats and oils – Determination of ultraviolet absorbance expressed as specific UV extinction (ISO 3656:2011)

EN ISO 12966-2:2011

Animal and vegetable fats and oils – Gas chromatography of fatty acid methyl esters – Part 2: Preparation of methyl esters of fatty acids (ISO 12966-2:2011)

67.260 Postrojenja i oprema za prehrambenu industriju

Europska normizacija

EN 12463:2004+A1:2011

Food processing machinery – Filling machines and auxiliary machines – Safety and hygiene requirements

75.020 Crpenje i obradba nafte i prirodnoga plina

Europska normizacija

CEN ISO/TR 13881:2011
Petroleum and natural gas industries – Classification and conformity assessment of products, processes and services (ISO/TR 13881:2000)

75.080 Naftni proizvodi općenito

Europska normizacija

CEN ISO/TR 13881:2011
Petroleum and natural gas industries – Classification and conformity assessment of products, processes and services (ISO/TR 13881:2000)

75.100 Maziva, industrijska ulja i srodni proizvodi

Međunarodna normizacija (ISO)

ISO 26422:2011
Petroleum and related products – Determination of shear stability of lubricating oils containing polymers – Method using a tapered roller bearing

75.140 Vosak, smolasta gradiva i drugi naftni proizvodi

Europska normizacija

EN 13614:2011
Bitumen and bituminous binders – Determination of adhesivity of bituminous emulsions by water immersion test

75.160.10 Kruta goriva

Europska normizacija

EN 14961-5:2011
Solid biofuels – Fuel specifications and classes – Part 5: Firewood for non-industrial use

75.160.20 Ukapljena goriva

Međunarodna normizacija (ISO)

ISO 8217:2010/Cor 1:2011
Petroleum products – Fuels (class F) – Specifications of marine fuels

75.180.10 Oprema za iskorištavanje i vađenje

Europska normizacija

CEN ISO/TR 10400:2011
Petroleum and natural gas industries – Equations and calculations for the properties of casing, tubing, drill pipe and line pipe used as casing or tubing (ISO/TR 10400:2007)

77.040.10 Mehaničko ispitivanje kovina

Međunarodna normizacija (ISO)

ISO 6892-2:2011
Metallic materials – Tensile testing – Part 2: Method of test at elevated temperature
ISO 28080:2011
Hardmetals – Abrasion tests for hardmetals

Europska normizacija

EN ISO 6892-2:2011
Metallic materials – Tensile testing – Part 2: Method of test at elevated temperature (ISO 6892-2:2011)

77.060 Hrdanje kovina

Međunarodna normizacija (ISO)

ISO 8994:2011
Anodizing of aluminium and its alloys – Rating system for the evaluation of pitting corrosion – Grid method

Europska normizacija

EN ISO 8994:2011
Anodizing of aluminium and its alloys – Rating system for the evaluation of pitting corrosion – Grid method (ISO 8994:2011)

77.080.10 Željeza

Europska normizacija

EN 12513:2011
Founding – Abrasion resistant cast irons

77.140.50 Proizvodi i poluproizvodi od ravnog čelika

Međunarodna normizacija (ISO)

ISO 5952:2011
Continuously hot-rolled steel sheet of structural quality with improved atmospheric corrosion resistance

77.160 Metalurgija praha

Međunarodna normizacija (ISO)

ISO 3953:2011
Metallic powders – Determination of tap density
ISO 28080:2011
Hardmetals – Abrasion tests for hardmetals

Europska normizacija

EN ISO 3927:2011
Metallic powders, excluding powders for hardmetals – Determination of compressibility in uniaxial compression (ISO 3927:2011)
EN ISO 3953:2011
Metallic powders – Determination of tap density (ISO 3953:2011)

79.040 Drvo, trupci i piljena građa

Europska normizacija

EN 14081-1:2005+A1:2011
Timber structures – Strength graded structural timber with rectangular cross section – Part 1: General requirements

83.040.10 Lateks i sirova guma

Međunarodna normizacija (ISO)

ISO 4660:2011
Rubber, raw natural – Colour index test
ISO 1652:2011
Rubber latex – Determination of apparent viscosity by the Brookfield test method

83.080.01 Plastika općenito

Međunarodna normizacija (ISO)

ISO/TR 22007-5:2011

Plastics — Determination of thermal conductivity and thermal diffusivity — Part 5: Results of interlaboratory testing of poly(methyl methacrylate) samples

83.120 Armirana plastika

Međunarodna normizacija (ISO)

ISO 14125:1998/Amd 1:2011

Fibre-reinforced plastic composites — Determination of flexural properties; Amendment 1

ISO 10350-2:2011

Plastics — Acquisition and presentation of comparable single-point data — Part 2: Long-fibre-reinforced plastics

Europska normizacija

EN ISO 14125:1998/A1:2011

Fibre-reinforced plastic composites — Determination of flexural properties — Amendment 1 (ISO 14125:1998/Amd 1:2011)

EN ISO 10350-2:2011

Plastics — Acquisition and presentation of comparable single-point data — Part 2: Long-fibre-reinforced plastics (ISO 10350-2:2011)

85.040 Celuloza

Međunarodna normizacija (ISO)

ISO 5264-2:2011

Pulps — Laboratory beating — Part 2: PFI mill method

Europska normizacija

EN ISO 5264-2:2011

Pulps — Laboratory beating — Part 2: PFI mill method (ISO 5264-2:2011)

85.060 Papir i karton

Međunarodna normizacija (ISO)

ISO 7263:2011

Corrugating medium — Determination of the flat crush resistance after laboratory fluting

Europska normizacija

EN ISO 7263:2011

Corrugating medium — Determination of the flat crush resistance after laboratory fluting (ISO 7263:2011)

87.040 Boje i lakovi

Međunarodna normizacija (ISO)

ISO 2811-1:2011

Paints and varnishes — Determination of density — Part 1: Pycnometer method

ISO 2811-2:2011

Paints and varnishes — Determination of density — Part 2: Immersed body (plummet) method

ISO 2811-3:2011

Paints and varnishes — Determination of density — Part 3: Oscillation method

ISO 2811-4:2011

Paints and varnishes — Determination of density — Part 4: Pressure cup method

Europska normizacija

EN ISO 2811-1:2011

Paints and varnishes — Determination of density — Part 1: Pycnometer method (ISO 2811-1:2011)

EN ISO 2811-2:2011

Paints and varnishes — Determination of density — Part 2: Immersed body (plummet) method (ISO 2811-2:2011)

EN ISO 2811-3:2011

Paints and varnishes — Determination of density — Part 3: Oscillation method (ISO 2811-3:2011)

EN ISO 2811-4:2011

Paints and varnishes — Determination of density — Part 4: Pressure cup method (ISO 2811-4:2011)

91.020 Prostorno planiranje. Urbanizacija

Europska normizacija

CWA 16267:2011

Guidelines for Sustainable Development of Historic and Cultural Cities — Qualities

91.100.10 Cement. Gips. Vapno. Žbuka

Europska normizacija

EN 12859:2011

Gypsum blocks — Definitions, requirements and test methods

EN 196-5:2011

Methods of testing cement — Part 5: Pozzolanicity test for pozzolanic cement

CEN/TR 16142:2011

Concrete — A study of the characteristic leaching behaviour of hardened concrete for use in the natural environment

91.100.15 Mineralna gradiva i proizvodi

Europska normizacija

EN 16140:2011

Natural stone test methods — Determination of sensitivity to changes in appearance produced by thermal cycles

91.100.30 Beton i betonski proizvodi

Europska normizacija

EN 1520:2011

Prefabricated reinforced components of lightweight aggregate concrete with open structure with structural or non-structural reinforcement

EN 15037-2:2009+A1:2011

Precast concrete products — Beam-and-block floor systems — Part 2: Concrete blocks

EN 15037-3:2009+A1:2011

Precast concrete products — Beam-and-block floor systems — Part 3: Clay blocks

CEN/TR 16142:2011

Concrete — A study of the characteristic leaching behaviour of hardened concrete for use in the natural environment

91.100.50 Veziva. Brtvena gradiva

Međunarodna normizacija (ISO)

ISO 4635:2011

Rubber, vulcanized – Preformed joint seals for use between concrete paving sections of highways – Specification

Europska normizacija

EN 13074-1:2011

Bitumen and bituminous binders – Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders – Part 1: Recovery by evaporation

EN 13074-2:2011

Bitumen and bituminous binders – Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders – Part 2: Stabilisation after recovery by evaporation

EN 15812:2011

Polymer modified bituminous thick coatings for waterproofing – Determination of crack bridging ability

EN 15813:2011

Polymer modified bituminous thick coatings for waterproofing – Determination of flexibility at low temperatures

EN 15815:2011

Polymer modified bituminous thick coatings for waterproofing – Resistance to compression

EN 15816:2011

Polymer-modified bituminous thick coatings for waterproofing – Resistance to rain

EN 15817:2011

Polymer modified bituminous thick coatings for waterproofing – Water resistance

EN 15818:2011

Polymer modified bituminous thick coatings for waterproofing – Determination of dimensional stability at high temperature

EN 15819:2011

Polymer modified bituminous thick coatings for waterproofing – Reduction of the thickness of the layer when fully dried

EN 15820:2011

Polymer modified bituminous thick coatings for waterproofing – Determination of watertightness

91.120.10 Toplinska izolacija

Međunarodna normizacija (ISO)

ISO 18292:2011

Energy performance of fenestration systems for residential buildings – Calculation procedure

91.120.40 Zaštita od groma

Europska normizacija

EN 62305-1:2011

Protection against lightning – General principles (IEC 62305-1:2010, modified)

EN 62305-3:2011

Protection against lightning – Physical damage to structures and life hazard (IEC 62305-3:2010, modified)

EN 62305-4:2011

Protection against lightning – Electrical and electronic systems within structures (IEC 62305-4:2010, modified)

EN 62561-4:2011

Requirements for Lightning Protection System Components (LPSC) – Part 4. Requirements for fasteners (IEC 62561-4:2011, modified)

91.140.30 Sustavi prozračivanja i klimatizacije

Europska normizacija

EN 15241:2007/AC:2011

Ventilation for buildings – Calculation methods for energy losses due to ventilation and infiltration in buildings

91.140.50 Sustavi opskrbe strujom

Međunarodna normizacija (IEC)

IEC 60364-5-52:2009/Corr.1:2011

Low-voltage electrical installations – Part 5-52: Selection and erection of electrical equipment – Wiring systems

IEC 60364-5-54:2011

Low-voltage electrical installations – Part 5-54: Selection and erection of electrical equipment – Earthing arrangements and protective conductors

IEC 60364-7-718:2011

Low-voltage electrical installations – Part 7-718: Requirements for special installations or locations – Communal facilities and workplaces

Europska normizacija

HD 60364-4-42:2011

Low voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects (IEC 60364-4-42:2010, modified)

HD 60364-5-52:2011

Low-voltage electrical installations – Part 5-52: Selection and erection of electrical equipment – Wiring systems (IEC 60364-5-52:2009, modified + Corrigendum 1:2011)

91.140.90 Dizala. Pokretne stube

Međunarodna normizacija (ISO)

ISO 22201:2009/Cor 1:2011

Lifts (elevators) – Design and development of programmable electronic systems in safety-related applications for lifts (PESSRAL)

91.190 Građevni pribor

Europska normizacija

EN 13126-19:2011

Building hardware – Requirements and test methods for windows and door height windows – Part 19: Sliding Closing Devices

91.220 Građevna oprema

Međunarodna normizacija (ISO)

ISO 18651-1:2011

Building construction machinery and equipment – Internal vibrators for concrete – Part 1: Terminology and commercial specifications

93.080.10 Tehnika gradnje cesta

Evropska normizacija

EN 500-4:2011

Mobile road construction machinery – Safety – Part 4:
Specific requirements for compaction machines

93.080.30 Cestovna oprema i instalacije

Evropska normizacija

EN 50556:2011

Road traffic signal systems

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Evropska normizacija

EN 60335-2-9:2003/A13:2010/AC:2011

Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

EN 60704-2-13:2000

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-13: Particular requirements for range hoods (IEC 60704-2-13:2000)

97.040.40 Strojevi za pranje posuđa

Evropska normizacija

EN 61770:2009/AC:2011

Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets (IEC 61770:2008)

97.060 Praonički uređaji

Evropska normizacija

EN 61770:2009/AC:2011

Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets (IEC 61770:2008)

97.080 Uređaji za čišćenje podova

Evropska normizacija

EN 1829-2:2008/AC:2011

High-pressure water jet machines – Safety requirements – Part 2: Hoses, hose lines and connectors

97.100.20 Plinski grijači

Evropska normizacija

EN 624:2011

Specification for dedicated LPG appliances – Room sealed LPG space heating equipment for installation in vehicles and boats

97.120 Automatsko upravljanje za kućansku uporabu

Međunarodna normizacija (IEC)

IEC 60730-2-9:2008/am1:2011

Automatic electrical controls for household and similar use – Part 2-9: Particular requirements for temperature sensing controls

Evropska normizacija

EN 50090-1:2011

Home and Building Electronic Systems (HBES) – Part 1: Standardization structure

97.150 Netekstilni podni prekrivači

Evropska normizacija

EN 652:2011

Resilient floor coverings – Polyvinyl chloride floor coverings with cork-based backing – Specification

97.180 Razna kućanska oprema

Međunarodna normizacija (ISO)

ISO 12756:1998/Amd 1:2011

Drawing and writing instruments – Ball point pens and roller ball pens – Vocabulary – Amendment 1: Viscosity of the writing fluid

ISO 14145-1:1998/Amd 1:2011

Roller ball pens and refills – Part 1: General use – Amendment 1: Ball diameter for tip classification
97.195 Umjetnički i obrtnički predmeti

Evropska normizacija

CWA 16267:2011

Guidelines for Sustainable Development of Historic and Cultural Cities – Qualities

97.200.30 Oprema za logore i logorišta

Evropska normizacija

EN 1949:2011

Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles

97.200.50 Igračke

Međunarodna normizacija (IEC)

EN 62115 Ed.1.2:2011

Electric toys – Safety