

Hrvatski zavod za norme

Oglasnik za normativne dokumente

6/2009 prosinac, 2009.

Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrt 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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Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 163/03) hrvatske norme priprema, izdaje i objavljuje Hrvatski zavod za norme, na prijedlog tehničkih odbora.

Hrvatske norme mogu nastati na ova četiri načina:

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

Oznaka načina prihvaćanja navedena je uz referencijsku oznaku hrvatske norme.

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

HZNTO 5, Metalne cijevi i priključci

HRN EN 598:2009 en pr
Duktilne željezne cijevi, spojni dijelovi, pribor i njihovi spojevi za odvodnju otpadnih voda – Zahtjevi i postupci ispitivanja (EN 598:2007+A1:2009)
Ductile iron pipes, fittings, accessories and their joints for sewerage applications – Requirements and test methods (EN 598:2007+A1:2009)

HRN EN 969:2009 en pr
Duktilne željezne cijevi, spojni dijelovi, pribor i njihovi spojevi za plinske cjevovode – Zahtjevi i postupci ispitivanja (EN 969:2009)
Ductile iron pipes, fittings, accessories and their joints for gas pipelines – Requirements and test methods (EN 969:2009)

HRN EN 1591-1:2009 en pr
Prirubnice i njihovi spojevi – Pravila za projektiranje prirubničkih spojeva s kružnim brtvama – 1. dio: Postupak proračuna (EN 1591-1:2002+A1:2009)
Flanges and their joints – Design rules for gasketed circular flange connections – Part 1: Calculation method (EN 1591-1:2002+A1:2009)

HRS CEN/TS 1591-3:2009 en pr
Flanges and their joints – Design rules for gasketed circular flange connections – Part 3: Calculation method for metal to metal contact type flanged joint (CEN/TS 1591-3:2007)

HRS CEN/TS 1591-4:2009 en pr
Flanges and their joints – Design rules for gasketed circular flange connections – Part 4: Qualification of personnel competency in the assembly of bolted joints fitted to equipment subject to the pressure equipment directive (CEN/TS 1591-4:2007)

HRN EN 14917:2009 en pr
Metal bellows expansion joints for pressure applications (EN 14917:2009)

HRI CEN/TR 15545:2009 en pr
Guide to the use of EN 545 (CEN/TR 15545:2006)

HRN EN 15655:2009 en pr
Ductile iron pipes, fittings and accessories – Internal polyurethane lining for pipes and fittings – Requirements and test methods (EN 15655:2009)

HZNTO 8, Brodogradnja

HRN EN 280:2009 en pr
Pokretne podizne radne platforme – Projektni proračuni – Kriteriji stabilnosti – Konstrukcija – Sigurnost – Ispitivanja i pokusi (EN 280:2001+A2:2009)
Mobile elevating work platforms – Design calculations – Stability criteria – Construction – Safety – Examinations and tests (EN 280:2001+A2:2009)

HRN EN 1398:2009 en pr
Prilagodljive platforme – Sigurnosni zahtjevi (EN 1398:2009)
Dock levellers – Safety requirements (EN 1398:2009)

HRN EN 1493:2009 en pr
Dizala za vozila (EN 1493:1998+A1:2008)
Vehicle lifts (EN 1493:1998+A1:2008)

HRN EN 1494:2009 en pr
Pokretne ili prenosive podne dizalice i pripadajuća podizna oprema (EN 1494:2000+A1:2008)
Mobile or movable jacks and associated lifting equipment (EN 1494:2000+A1:2008)

HRN EN 1495:2009 en pr
Podizne platforme – Stupne radne platforme (EN 1495:1997+A2:2009)
Lifting platforms – Mast climbing work platforms (EN 1495:1997+A2:2009)

HRN EN 1570:2009 en pr
Zahtjevi za sigurnost za podizne stolove (EN 1570:1998+A2:2009)
Safety requirements for lifting tables (EN 1570:1998+A2:2009)

HRN EN 1756-2:2009 en pr
Stražnja dizala – Platformna dizala za ugradnju na vozilima na kotačima – Zahtjevi za sigurnost – 2. dio: Stražnje dizalo za putnike (EN 1756-2:2004+A1:2009)
Tail lifts – Platform lifts for mounting on wheeled vehicles – Safety requirements – Part 2: Tail lifts for passengers (EN 1756-2:2004+A1:2009)

HRN EN 1914:2009 en pr
Plovila unutarnje plovidbe – Radni čamci, brodski čamci i čamci za spašavanje (EN 1914:2009)
Inland navigation vessels – Work boats, ship's boats and lifeboats (EN 1914:2009)

HRN EN 13573:2009 en pr
Plovila unutarnje plovidbe – Sustavi sidrenja, prikapčanja, tegljenja, pritezanja i vezivanja (EN 13573:2009)
Inland navigation vessels – Anchoring, coupling, towing, hauling and mooring systems (EN 13573:2009)

HRN EN 14010:2009 en pr
Sigurnost strojeva – Oprema za pogonno vožnju parkiranih motornih vozila – Sigurnost i EMC zahtjevi za dizajn, proizvodnju, podizanje i puštanje u uporabu (EN 14010:2003+A1:2009)

HRN EN 14504:2009 en pr
Plovila unutarnje plovidbe – Plutajuća privezišta – Zahtjevi, ispitivanja (EN 14504:2009)
Inland navigation vessels – Floating landing stages – Requirements, tests (EN 14504:2009)

HZNTO 21, Protupožarna i vatrogasna oprema

HRN EN 3-10:2009 en pr
Prijenosni vatrogasni aparati – 10. dio: Zahtjevi za vrednovanje sukladnosti prijenosnih vatrogasnih aparata prema normi EN 3-7 (EN 3-10:2009)
Portable fire extinguishers – Part 10: Provisions for evaluating the conformity of a portable fire extinguisher to EN 3-7 (EN 3-10:2009)

HRN EN 12845:2009 en pr
Stabilni sustavi za gašenje požara – Sustavi automatskih sprinklera – Projektiranje, ugradnja i održavanje (EN 12845:2004+A2:2009)
Fixed firefighting systems – Automatic sprinkler systems – Design, installation and maintenance (EN 12845:2004+A2:2009)

HRN EN 15767-1:2009 en pr
Prijenosna oprema za izbacivanje sredstva za gašenje koje dobavljaju vatrogasne pumpe – Prijenosni monitori – 1. dio: Opći zahtjevi za sklopove prijenosnih monitora (EN 15767-1:2009)
Portable equipment for projecting extinguishing agents supplied by fire fighting pumps – Portable monitors – Part 1: General requirements for portable monitor assemblies (EN 15767-1:2009)

HRN EN 15767-2:2009 en pr
Prijenosna oprema za izbacivanje sredstva za gašenje koje dobavljaju vatrogasne pumpe – Prijenosni monitori – 2. dio: Mlaznice za vodu (EN 15767-2:2009)
Portable equipment for projecting extinguishing agents supplied by fire fighting pumps – Portable monitors – Part 2: Water nozzles (EN 15767-2:2009)

HZNTO 34/PO 5, Poljoprivredni i prehrambeni proizvodi; Mlijeko i mliječni proizvodi

HRN ISO 488:2009 en pr
Mlijeko – Određivanje udjela masti – Butirometrijski po Gerberu (ISO 488:2008)
Milk – Determination of fat content – Gerber butyrometers (ISO 488:2008)

HRN ISO 2446:2009 en pr
Mlijeko – Određivanje udjela masti (ISO 2446:2008)
Milk – Determination of fat content (ISO 2446:2008)

- HRN ISO 3356:2009 en pr
Mlijeko – Određivanje aktivnosti alkalne fosfataze (ISO 3356:2009)
Milk – Determination of alkaline phosphatase (ISO 3356:2009)
- HRN ISO 3432:2009 en pr
Sir – Određivanje udjela masti – Butirometrijski Van Gulikova metoda (ISO 3432:2008)
Cheese – Determination of fat content – Butyrometer for Van Gulik method (ISO 3432:2008)
- HRN ISO 3433:2009 en pr
Sir – Određivanje udjela masti – Van Gulikova metoda (ISO 3433:2008)
Cheese – Determination of fat content – Van Gulik method (ISO 3433:2008)
- HRN ISO 5544:2009 en pr
Kazeini – Određivanje “vezanog pepela” (Referentna metoda) (ISO 5544:2008)
Caseins – Determination of “fixed ash” (Reference method) (ISO 5544:2008)
- HRN ISO 5545:2009 en pr
Sirišni kazeini i kazeinati – Određivanje pepela (Referentna metoda) (ISO 5545:2008)
Rennet caseins and caseinates – Determination of ash (Reference method) (ISO 5545:2008)
- HRN ISO 5547:2009 en pr
Kazeini – Određivanje slobodne kiselosti (Referentna metoda) (ISO 5547:2008)
Caseins – Determination of free acidity (Reference method) (ISO 5547:2008)
- HRN ISO 8260:2009 en pr
Mlijeko i mliječni proizvodi – Određivanje organokloriranih pesticida i polikloriranih bifenila – Metoda plinsko-tekućinske kromatografije uz detekciju detektorom na zahvat elektrona (ECD) (ISO 8260:2008)
Milk and milk products – Determination of organochlorine pesticides and polychlorobiphenyls – Method using capillary gas-liquid chromatography with electron-capture detection (ISO 8260:2008)
- HRN ISO 9231:2009 en pr
Mlijeko i mliječni proizvodi – Određivanje udjela benzojeve i sorbinske kiseline (ISO 9231:2008)
Milk and milk products – Determination of the benzoic and sorbic acid contents (ISO 9231:2008)
- HRS ISO/TS 11059:2009 en pr
Mlijeko i mliječni proizvodi – Metoda za brojenje *Pseudomonas* spp. (ISO/TS 11059:2009)
Milk and milk products – Method for the enumeration of *Pseudomonas* spp. (ISO/TS 11059:2009)
- HRS ISO/TS 17837:2009 en pr
Proizvodi od topljenog sira – Određivanje udjela dušika i izračun proteina – Kjeldahlova metoda (ISO/TS 17837:2008)
Processed cheese products – Determination of nitrogen content and crude protein calculation – Kjeldahl method (ISO/TS 17837:2008)
- HRN ISO 22935-1:2009 en pr
Mlijeko i mliječni proizvodi – Senzorske analize – 1. dio: Opće upute za regrutiranje, odabir, osposobljavanje i nadziranje ocjenitelja (ISO 22935-1:2009)
Milk and milk products – Sensory analysis – Part 1: General guidance for the recruitment, selection, training and monitoring of assessors (ISO 22935-1:2009)
- HRN ISO 22935-2:2009 en pr
Mlijeko i mliječni proizvodi – Senzorske analize – 2. dio: Preporučene metode za senzorsku ocjenu (ISO 22935-2:2009)
Milk and milk products – Sensory analysis – Part 2: Recommended methods for sensory evaluation (ISO 22935-2:2009)
- HRN ISO 22935-3:2009 en pr
Mlijeko i mliječni proizvodi – Senzorske analize – 3. dio: Upute o metodi za ocjenu sukladnosti sa specifikacijom proizvoda za senzorska svojstva određena bodovanjem (ISO 22935-3:2009)
Milk and milk products – Sensory analysis – Part 3: Guidance on a method for evaluation of compliance with product specifications for sensory properties by scoring (ISO 22935-3:2009)
- HRN ISO 23065:2009 en pr
Mliječna mast iz obogaćenih mliječnih proizvoda – Određivanje udjela omega-3 i omega-6 masnih kiselina plinsko-tekućinskom kromatografijom (ISO 23065:2009)
- Milk fat from enriched dairy products – Determination of omega-3 and omega-6 fatty acid content by gas-liquid chromatography (ISO 23065:2009)
- HRN ISO 26323:2009 en pr
Mliječni proizvodi – Kiselinska aktivnost mliječnih kultura određena kontinuiranom pH- metrijom (CpH) (ISO 26323:2009)
Milk products – Determination of the acidification activity of dairy cultures by continuous pH measurement (CpH) (ISO 26323:2009)
- HRS ISO/TS 27265:2009 en pr
Mlijeko u prahu – Brojenje specijalnih termorezistentnih spora termofilnih bakterija (ISO/TS 27265:2009)
Dried milk – Enumeration of the specially thermoresistant spores of thermophilic bacteria (ISO/TS 27265:2009)

HZN/TO 34/PO 7, Poljoprivredni i prehrambeni proizvodi; Kava, čaj, mirodije i začini

- HRN EN ISO 676:2009 en pr
Mirodije i začini – Botanička nomenklatura (ISO 676:1995+Cor 1:1997; EN ISO 676:2009)
Spices and condiments – Botanical nomenclature (ISO 676:1995+Cor 1:1997; EN ISO 676:2009)
- HRN EN ISO 948:2009 en pr
Mirodije i začini – Uzorkovanje (ISO 948:1980; EN ISO 948:2009)
Spices and condiments – Sampling (ISO 948:1980; EN ISO 948:2009)
- HRN EN ISO 6465:2009 en pr
Mirodije – Kumin (*Cuminum cyminum* L.) – Specifikacija (ISO 6465:2009; EN ISO 6465:2009)
Spices – Cumin (*Cuminum cyminum* L.) – Specification (ISO 6465:2009; EN ISO 6465:2009)
- HRN EN ISO 6571:2009 en pr
Mirodije, začini i bilje – Određivanje sadržaja hlapljivih ulja (metoda destilacije vodom) (ISO 6571:2008; EN ISO 6571:2009)
Spices, condiments and herbs – Determination of volatile oil content (hydrodistillation method) (ISO 6571:2008; EN ISO 6571:2009)

HZN/TO 92, Zaštita od požara

- HRN EN 13501-5:2009 en pr
Razredba građevnih proizvoda i građevnih elemenata prema ponašanju u požaru – 5. dio: Razredba prema rezultatima ispitivanja izloženosti krovova požaru izvana (EN 13501-5:2005+A1:2009)
Fire classification of construction products and building elements – Part 5: Classification using data from external fire exposure to roofs tests (EN 13501-5:2005+A1:2009)
- HRN EN 15080-8:2009 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar – 8. dio: Grede (EN 15080-8:2009)
Extended application of results from fire resistance tests – Part 8: Beams (EN 15080-8:2009)
- HRS CEN/TS 15117:2009 en pr
Upute za izravnu i proširenu primjenu (CEN/TS 15117:2005)
Guidance on direct and extended application (CEN/TS 15117:2005)
- HRN EN 15269-7:2009 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 7. dio: Otpornost na požar čeličnih kliznih vrata (EN 15269-7:2009)
Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 7: Fire resistance for steel sliding doorsets (EN 15269-7:2009)
- HRN EN 15269-20:2009 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 20. dio: Dimopropusnost zaokretnih čeličnih i drvenih vrata, te staklenih vrata s metalnim dovratnikom (EN 15269-20:2009)
Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 20: Smoke control for hinged and pivoted steel, timber and metal framed glazed doorsets (EN 15269-20:2009)

HRS CEN/TS 15447:2009 en pr
Ugradnja i učvršćenje pri ispitivanjima reakcije na požar proizvoda prema direktivi o građevnim proizvodima (CEN/TS 15447:2006)
Mounting and fixing in reaction to fire tests under the construction products directive (CEN/TS 15447:2006)

HZN/TO 120, *Koža i obuća*

HRN EN ISO 17226-2:2008/Ispr.1:2009 en pr
Koža — Kemijsko određivanje sadržaja formaldehida — 2. dio: Metoda kolorimetrijske analize (ISO 17226-2:2008/Cor 1:2009; EN ISO 17226-2:2008/AC:2009)
Leather — Chemical determination of formaldehyde content — Part 2: Method using colorimetric analysis (ISO 17226-2:2008/Cor 1:2009; EN ISO 17226-2:2008/AC:2009)

HZN/TO 146, *Kakvoća zraka*

HRN ISO 8672:2009 en pr
Kvaliteta zraka — Određivanje brojčane koncentracije lebdećih anorganskih vlakana optičkom mikroskopijom u faznom kontrastu — Metoda membranskog filtra (ISO 8672:1993)
Air quality — Determination of the number concentration of airborne inorganic fibres by phase contrast optical microscopy — Membrane filter method (ISO 8672:1993)

HZN/TO 147/PO 2, *Kakvoća vode; Fizikalno-kemijske metode ispitivanja*

HRN EN ISO 10304-1:2009 en pr
Kakvoća vode — Određivanje otopljenih aniona ionskom tekućinskom kromatografijom — 1. dio: Određivanje bromida, klorida, fluorida, nitrata, fosfata i sulfata (ISO 10304-1:2007; EN ISO 10304-1:2009)
Water quality — Determination of dissolved anions by liquid chromatography of ions — Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulfate (ISO 10304-1:2007; EN ISO 10304-1:2009)

HRN ISO 10523:2009 en pr
Kakvoća vode — Određivanje pH vrijednosti (ISO 10523:2008)
Water quality — Determination of pH (ISO 10523:2008)

HRN EN ISO 22032:2009 en pr
Kakvoća vode — Određivanje odabranih polibromiranih difenil-etera u sedimentu i otpadnom mulju — Metoda ekstrakcije i plinske kromatografije/spektrometrije masa (ISO 22032:2006; EN ISO 22032:2009)
Water quality — Determination of selected polybrominated diphenyl ethers in sediment and sewage sludge — Method using extraction and gas chromatography/mass spectrometry (ISO 22032:2006; EN ISO 22032:2009)

HZN/TO 167, *Metalne konstrukcije*

HRN EN 1090-1:2009 en pr
Izvedba čeličnih i aluminijskih konstrukcija — 1. dio: Zahtjevi za ocjenjivanje sukladnosti konstrukcijskih komponenata (EN 1090-1:2009)
Execution of steel structures and aluminium structures — Part 1: Requirements for conformity assessment of structural components (EN 1090-1:2009)

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

HRS CEN/TS 81-11:2009 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala — Osnove i tumačenja — 11. dio: Tumačenja u odnosu na EN 81 porodicu norma (CEN/TS 81-11:2009)
Safety rules for the construction and installation of lifts — Basics and interpretations — Part 11: Interpretations related to EN 81 family of standards (CEN/TS 81-11:2009)

HRN EN 81-21:2009 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala — Dizala za transport osoba i tereta — 21. dio: Nova osobna dizala i osobna teretna dizala u postojećim zgradama (EN 81-21:2009)
Safety rules for the construction and installation of lifts — Lifts for the transport of persons and goods — Part 21: New passenger and goods passenger lifts in existing building (EN 81-21:2009)

HRN EN 12159:2009 en pr
Građevna dizala za prijevoz osoba i materijala s okomito vodenom voznom košarom (EN 12159:2000+A1:2009)
Builders hoists for persons and materials with vertically guided cages (EN 12159:2000+A1:2009)

HZN/TO 218, *Drvo*

HRN EN 1927-2:2008/Ispr.1:2009 en pr
Kvalitativna razredba oblog drva četinjača — 2. dio: Borovi (EN 1927-2:2008/AC:2009)
Qualitative classification of softwood round timber — Part 2: Pines (EN 1927-2:2008/AC:2009)

HZN/TO 508, *Ambalaža i pakiranje*

HRN EN 12374:2009 en pr
Ambalaža — Savitljive tube — Nazivlje (EN 12374:2009)
Packaging — Flexible tubes — Terminology (EN 12374:2009)

HRN EN 12375:2009 en pr
Ambalaža — Savitljive aluminijske tube — Metoda određivanja debljine stijenke (EN 12375:2009)
Packaging — Flexible aluminium tubes — Wall thickness determination method (EN 12375:2009)

HRN EN 12707:2009 en pr
Plastične bačve — Bačve s neodvojivim poklopcem nazivnog obujma 210 l i 225 l (EN 12707:2009)
Plastics drums — Non-removable head (tight head) drums with a nominal capacity of 210 l and 225 l (EN 12707:2009)

HRN EN 12714:2009 en pr
Plastične bačve — Bačve s odvojivim poklopcem nazivnog obujma od 25 l do 60 l (EN 12714:2009)
Plastics drums — Removable head (open head) drums with a nominal capacity of 25 l to 60 l (EN 12714:2009)

HRN EN ISO 12777-1:2001/A1:2009 en pr
Metode ispitivanja spojeva paleta — 1. dio: Određivanje otpornosti na savijanje paletnih čavala, drugih pričvrštnih elemenata klinastoga tipa i spojnice — Amandman 1 (ISO 12777-1:1994/Amd 1:2008; EN ISO 12777-1:1996/A1:2008)
Methods of test for pallet joints — Part 1: Determination of bending resistance of pallet nails, other dowel-type fasteners and staples — Amendment 1 (ISO 12777-1:1994/Amd 1:2008; EN ISO 12777-1:1996/A1:2008)

HRN EN 13045:2009 en pr
Ambalaža — Savitljive valjkaste plastične tube — Dimenzije i dopuštena odstupanja (EN 13045:2009)
Packaging — Flexible cylindrical plastic tubes — Dimensions and tolerances (EN 13045:2009)

HRN EN 13048:2009 en pr
Ambalaža — Savitljive aluminijske tube — Metoda mjerenja debljine sloja unutarnjeg laka (EN 13048:2009)
Packaging — Flexible aluminium tubes — Internal lacquer film thickness measurement method (EN 13048:2009)

HRN EN 13461:2009 en pr
Ambalaža — Valjkaste savitljive višeslojne tube — Dimenzije i dopuštena odstupanja (EN 13461:2009)
Packaging — Cylindrical flexible laminated tubes — Dimensions and tolerances (EN 13461:2009)

HRN EN 13698-2:2009 en pr
Proizvodna specifikacija za palete — 2. dio: Specifikacija konstrukcije za plošne drvene palete dimenzija 1000 mm x 1200 mm (EN 13698-2:2009)
Pallet production specification — Part 2: Construction specification for 1000 mm x 1200 mm flat wooden pallets (EN 13698-2:2009)

HRN EN 15507:2009 en pr
Ambalaža — Ambalaža za prijevoz opasnih tvari — Usporedno ispitivanje polietilenskih tipova materijala (EN 15507:2008)
Packaging — Transport packaging for dangerous goods — Comparative material testing of polyethylene grades (EN 15507:2008)

HRN EN 15653:2009 en pr
Ambalaža — Savitljive aluminijske tube — Metoda ispitivanja postojanosti unutarnje prevlake na amonijak (EN 15653:2009)
Packaging — Flexible aluminium tubes — Test method to check the resistance of the internal protective coating against ammonia (EN 15653:2009)

HRN EN 15766:2009 en pr
Ambalaža — Savitljive aluminijske tube — Metode ispitivanja za određivanje stupnja polimerizacije unutarnje prevlake acetonom (EN 15766:2009)

Packaging – Flexible aluminium tubes – Test methods to determine the polymerization of the internal coating with acetone (EN 15766:2009)

Flexible sheets for waterproofing – Reinforced bitumen sheets for roof waterproofing – Definitions and characteristics (EN 13707:2004+A2:2009)

HZN/TO 509, Cestovna oprema

- HRN EN 1463-1:2009 en pr
Materijali za oznake na kolniku – Retroreflektirajući markeri – 1. dio: Osnovna zahtijevana svojstva (EN 1463-1:2009)
Road marking materials – Retroreflecting road studs – Part 1: Initial performance requirements (EN 1463-1:2009)
- HRN EN 13422:2009 en pr
Vertikalna cestovna signalizacija – Prenosivi deformirajući upozoravajući uređaji i delineatori – Prenosivi prometni znakovi – Stošci i cilindri (EN 13422:2004+A1:2009)
Vertical road signs – Portable deformable warning devices and delineators – Portable road traffic signs – Cones and cylinders (EN 13422:2004+A1:2009)

HZN/TO 523, Humanitarno razminiranje

- HRN 1142:2009 hr izv
Humanitarno razminiranje – Zahtjevi i ocjena sukladnosti strojeva
Humanitarian demining – Requirements and conformity assessment for machines

HZN/TO 524, Cestovni prijevoz i prometna telematika

- HRN ISO 14813-1:2009 en pr
Inteligentni transportni sustavi – Referentni model arhitekture ITS sektora – 1. dio: Područja primjene ITS-a, skupine usluga i usluge (ISO 14813-1:2007)
Intelligent transport systems – Reference model architecture(s) for the ITS sector – Part 1: ITS service domains, service groups and services (ISO 14813-1:2007)
- HRN EN ISO 15008:2009 en pr
Cestovna vozila – Ergonomske aspekte prometnih podataka i upravljačkih sustava – Specifikacije i ispitni postupci za vizualni prikaz u vozilu (ISO 15008:2009; EN ISO 15008:2009)
Road vehicles – Ergonomic aspects of transport information and control systems – Specifications and test procedures for in-vehicle visual presentation (ISO 15008:2009; EN ISO 15008:2009)
- HRS CEN/TS 15722:2009 en pr
Cestovni prijevoz i prometna telematika – Elektronička sigurnost – Najmanji skup podataka za elektroničke hitne pozive iz vozila (MSD) (CEN/TS 15722:2009)
Road transport and traffic telematics – ESafety – ECall minimum set of data (MSD) (CEN/TS 15722:2009)
- HRS CEN ISO/TS 17574:2009 en pr
Elektronička naplata – Smjernice za izradu sigurnosnog profila (ISO/TS 17574:2009; CEN ISO/TS 17574:2009)
Electronic fee collection – Guidelines for security protection profiles (ISO/TS 17574:2009; CEN ISO/TS 17574:2009)
- HRS CEN ISO/TS 25110:2009 en pr
Elektronička naplata – Sučelje za naplatu unutar vozila uporabom elektroničke kartice (ICC) (ISO/TS 25110:2008; CEN ISO/TS 25110:2008)
Electronic fee collection – Interface definition for on-board account using integrated circuit card (ICC) (ISO/TS 25110:2008; CEN ISO/TS 25110:2008)

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

- HRN EN 1847:2009 en pr
Savitljive hidroizolacijske trake – Plastične i elastomerne hidroizolacijske trake za krovove – Metode izlaganja tekućim kemikalijama uključujući vodu (EN 1847:2009)
Flexible sheets for waterproofing – Plastics and rubber sheets for roof waterproofing – Methods for exposure to liquid chemicals, including water (EN 1847:2009)
- HRN EN 1849-2:2009 en pr
Savitljive hidroizolacijske trake – Određivanje debljine i mase po jedinici površine – 2. dio: Plastične i elastomerne hidroizolacijske trake (EN 1849-2:2009)
Flexible sheets for waterproofing – Determination of thickness and mass per unit area – Part 2: Plastic and rubber sheets (EN 1849-2:2009)
- HRN EN 13707:2009 en pr
Savitljive hidroizolacijske trake – Bitumenske hidroizolacijske krovne trake s uloškom – Definicije i značajke (EN 13707:2004+A2:2009)

HZN/TO 528, Oprema za željeznice

- HRN EN 12299:2009 en pr
Oprema za željeznice – Udobnost vožnje putnika – Mjerenje i vrednovanje (EN 12299:2009)
Railway applications – Ride comfort for passengers – Measurement and evaluation (EN 12299:2009)
- HRN EN 13103:2009 en pr
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)
- HRN EN 13104:2009 en pr
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)
- HRN EN 13230-1:2009 en pr
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 1. dio: Općeniti zahtjevi (EN 13230-1:2009)
Railway applications – Track – Concrete sleepers and bearers – Part 1: General requirements (EN 13230-1:2009)
- HRN EN 13230-2:2009 en pr
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 2. dio: Prednapeti jednodijelni pragovi (EN 13230-2:2009)
Railway applications – Track – Concrete sleepers and bearers – Part 2: Prestressed monoblock sleepers (EN 13230-2:2009)
- HRN EN 13230-3:2009 en pr
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 3. dio: Dvodijelni armirani pragovi (EN 13230-3:2009)
Railway applications – Track – Concrete sleepers and bearers – Part 3: Twin-block reinforced sleepers (EN 13230-3:2009)
- HRN EN 13230-4:2009 en pr
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 4. dio: Prednapeti pragovi za skretnice i križišta (EN 13230-4:2009)
Railway applications – Track – Concrete sleepers and bearers – Part 4: Prestressed bearers for switches and crossings (EN 13230-4:2009)
- HRN EN 13230-5:2009 en pr
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 5. dio: Posebni elementi (EN 13230-5:2009)
Railway applications – Track – Concrete sleepers and bearers – Part 5: Special elements (EN 13230-5:2009)
- HRN EN 13260:2009 en pr
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)
- HRN EN 13261:2009 en pr
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)
- HRN EN 13262:2009 en pr
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Kotači – Zahtjevi za proizvod (EN 13262:2004+A1:2008)
Railway applications – Wheelsets and bogies – Wheels – Product requirements (EN 13262:2004+A1:2008)
- HRN EN 13848-3:2009 en pr
Oprema za željeznice – Željeznički gornji ustroj – Kvaliteta kolosiječne geometrije – 3. dio: Mjerni sustavi – Kolosiječni strojevi za gradnju i održavanje (EN 13848-3:2009)
Railway applications – Track – Track geometry quality – Part 3: Measuring systems – Track construction and maintenance machines (EN 13848-3:2009)

HRN EN 13979-1:2009 en pr
 Oprema za željeznice – Osovinski sklopovi i okretna postolja – Monoblok kotači – Postupak tehničkog usvajanja – 1. dio: Kovani i valjani kotači (EN 13979-1:2003+A1:2009)
 Railway applications – Wheelsets and bogies – Monobloc wheels – Technical approval procedure – Part 1: Forged and rolled wheels (EN 13979-1:2003+A1:2009)

HRN EN 14033-1:2009 en pr
 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)

HRN EN 14067-4:2009 en pr
 Oprema za željeznice – Aerodinamika – 4. dio: Zahtjevi i ispitni postupci za aerodinamiku na otvorenoj pruzi (EN 14067-4:2005+A1:2009)
 Railway applications – Aerodynamics – Part 4: Requirements and test procedures for aerodynamics on open track (EN 14067-4:2005+A1:2009)

HRN EN 14531-6:2009 en pr
 Oprema za željeznice – Metode proračuna zaustavnih puteva, razmaka usporjenja i pritvrdnog kočenja – 6. dio: Korak-po-korak proračun za motorne vlakove ili pojedinačna vozila (EN 14531-6:2009)
 Railway applications – Methods for calculation of stopping and slowing distances and immobilisation braking – Part 6: Step by step calculations for train sets or single vehicles (EN 14531-6:2009)

HRN EN 14587-2:2009 en pr
 Oprema za željeznice – Željeznički gornji ustroj – Elektrootporno zavarivanje tračnica – 2. dio: Zavarivanje novih tračnica kakvoće R220, R260, R260Mn i R350HT pokretnim strojevima za zavarivanje na radištim izvan stabilnih postrojenja (EN 14587-2:2009)
 Railway applications – Track – Flash butt welding of rails – Part 2: New R220, R260, R260Mn and R350HT grade rails by mobile welding machines at sites other than a fixed plant (EN 14587-2:2009)

HRN EN 14865-1:2009 en pr
 Oprema za željeznice – Maziva za kucišta 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)

HRN EN 14865-2:2009 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+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)

HRN EN 15220-1:2009 en pr
 Railway applications – Brake indicators – Part 1: Pneumatically operated brake indicators (EN 15220-1:2008)

HRN EN 15327-1:2009 en pr
 Railway applications – Passenger alarm subsystem – Part 1: General requirements and passenger interface for the passenger emergency brake system (EN 15327-1:2008)

HRN EN 15355:2009 en pr
 Railway applications – Braking – Distributor valves and distributor-isolating devices (EN 15355:2008)

HRN EN 15427:2009 en pr
 Railway applications – Wheel/rail friction management – Flange lubrication (EN 15427:2008)

HRN EN 15437-1:2009 en pr
 Railway applications – Axlebox condition monitoring – Interface and design requirements – Part 1: Track side equipment and rolling stock axlebox (EN 15437-1:2009)

HRN EN 15551:2009 en pr
 Railway applications – Railway rolling stock – Buffers (EN 15551:2009)

HRN EN 15566:2009 en pr
 Railway applications – Railway rolling stock – Draw gear and screw coupling (EN 15566:2009)

HRN EN 15594:2009 en pr
 Oprema za željeznice – Željeznički gornji ustroj – Obnavljanje tračnica elektro lučnim navarivanjem (EN 15594:2009)
 Railway applications – Track – Restoration of rails by electric arc welding (EN 15594:2009)

HRN EN 15595:2009 en pr
 Railway applications – Braking – Wheel slide protection (EN 15595:2009)

HRN EN 15610:2009 en pr
 Oprema za željeznice – Emisija buke – Mjerenje hrapavosti tračnica povezane sa stvaranjem buke pri vožnji željezničkih vozila (EN 15610:2009)
 Railway applications – Noise emission – Rail roughness measurement related to rolling noise generation (EN 15610:2009)

HRN EN 15611:2009 en pr
 Railway applications – Braking – Relay valves (EN 15611:2008)

HRN EN 15612:2009 en pr
 Railway applications – Braking – Brake pipe accelerator valve (EN 15612:2008)

HRN EN 15624:2009 en pr
 Railway applications – Braking – Empty-loaded changeover devices (EN 15624:2008)

HRN EN 15625:2009 en pr
 Railway applications – Braking – Automatic variable load sensing devices (EN 15625:2008)

HRN EN 15663:2009 en pr
 Railway applications – Definition of vehicle reference masses (EN 15663:2009)

HRI CEN/TR 15874:2009 en pr
 Oprema za željeznice – Emisija buke – Terensko ispitivanje primjene norme za mjerenje hrapavosti tračnica EN 15610:2009 (CEN/TR 15874:2009)
 Railway applications – Noise emission – Road test of standard for rail roughness measurement EN 15610:2009 (CEN/TR 15874:2009)

HZN/TO 529, Granici, dizalice i prenosila neprekidne dobave

HRN EN 528:2009 en pr
 Oprema regalnih uređaja na tračnicama – Sigurnosni zahtjevi (EN 528:2008)
 Rail dependent storage and retrieval equipment – Safety requirements (EN 528:2008)

HRN EN 13001-1:2009 en pr
 Granici – Opće projektiranje – 1. dio: Opća načela i zahtjevi (EN 13001-1:2004+A1:2009)
 Cranes – General design – Part 1: General principles and requirements (EN 13001-1:2004+A1:2009)

HRN EN 13001-2:2009 en pr
 Granici – Opće projektiranje – 2. dio: Djelovanje opterećenja (EN 13001-2:2004+A3:2009)
 Crane safety – General design – Part 2: Load effects (EN 13001-2:2004+A3:2009)

HRN EN 13155:2009 en pr
 Granici – Sigurnost – Ovjesna sredstva (EN 13155:2003+A2:2009)
 Cranes – Safety – Non-fixed load lifting attachments (EN 13155:2003+A2:2009)

HRN EN 14439:2009 en pr
 Granici – Sigurnost – Toranski granici (EN 14439:2006+A2:2009)
 Cranes – Safety – Tower cranes (EN 14439:2006+A2:2009)

HRN EN 15056:2009 en pr
 Granici – Zahtjevi za hvataljke za kontejnere (EN 15056:2006+A1:2009)
 Cranes – Requirements for container handling spreaders (EN 15056:2006+A1:2009)

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

HRN EN 1492-1:2009 en pr
 Tekstilne priveznice – Sigurnost – 1. dio: Ravno tkane priveznice od umjetnih vlakana za opću uporabu (EN 1492-1:2000+A1:2008)
 Textile slings – Safety – Part 1: Flat woven webbing slings made of man-made fibres for general purpose use (EN 1492-1:2000+A1:2008)

HRN EN 1492-2:2009 en pr
 Tekstilne priveznice – Sigurnost – 2. dio: Kružne priveznice od umjetnih vlakana za opću uporabu (EN 1492-2:2000+A1:2008)
 Textile slings – Safety – Part 2: Roundslings made of man-made fibres for general purpose use (EN 1492-2:2000+A1:2008)

- HRN EN 1492-4:2009 en pr
Tekstilne priveznice – Sigurnost – 4. dio: Podizne priveznice opće namjene od prirodne i umjetne vlaknaste užadi (EN 1492-4:2004+A1:2008)
Textile slings – Safety – Part 4: Lifting slings for general service made from natural and man-made fibre ropes (EN 1492-4:2004+A1:2008)
- HRN EN 1677-1:2009 en pr
Dijelovi za priveznice – Sigurnost – 1. dio: Kovani čelični dijelovi, razred 8 (EN 1677-1:2000+A1:2008)
Components for slings – Safety – Part 1: Forged steel components, Grade 8 (EN 1677-1:2000+A1:2008)
- HRN EN 1677-4:2009 en pr
Dijelovi za priveznice – Sigurnost – 4. dio: Alke, razred 8 (EN 1677-4:2000+A1:2008)
Components for slings – Safety – Part 4: Links, Grade 8 (EN 1677-4:2000+A1:2008)
- HRN EN 1677-5:2009 en pr
Dijelovi za priveznice – Sigurnost – 5. dio: Kovane čelične kuke za dizanje sa sigurnosnim osiguračem – Razred 4 (EN 1677-5:2001+A1:2008)
Components for slings – Safety – Part 5: Forged steel lifting hooks with latch – Grade 4 (EN 1677-5:2001+A1:2008)
- HRN EN 1677-6:2009 en pr
Dijelovi za priveznice – Sigurnost – 6. dio: Alke – Razred 4 (EN 1677-6:2001+A1:2008)
Components for slings – Safety – Part 6: Links – Grade 4 (EN 1677-6:2001+A1:2008)
- HRN EN 13411-1:2009 en pr
Završetci čelične užadi – Sigurnost – 1. dio: Uške za priveznice čelične užadi (EN 13411-1:2002+A1:2008)
Terminations for steel wire ropes – Safety – Part 1: Thimbles for steel wire rope slings (EN 13411-1:2002+A1:2008)
- HRN EN 13411-2:2009 en pr
Završetci čelične užadi – Sigurnost – 2. dio: Uplitanje omči za čelične priveznice (EN 13411-2:2001+A1:2008)
Terminations for steel wire ropes – Safety – Part 2: Splicing of eyes for wire rope slings (EN 13411-2:2001+A1:2008)
- HRN EN 13414-3:2009 en pr
Priveznice od čelične užadi – Sigurnost – 3. dio: Upletene priveznice – Beskonačne priveznice i priveznice s dvije omče (EN 13414-3:2003+A1:2008)
Steel wire rope slings – Safety – Part 3: Grommets and cable-laid slings (EN 13414-3:2003+A1:2008)
- HRN EN 13889:2009 en pr
Kovani čelični škopci za opću uporabu – D škopci i trbušasti škopci – Razred 6 – Sigurnost (EN 13889:2003+A1:2008)
Forged steel shackles for general lifting purposes – Dee shackles and bow shackles – Grade 6 – Safety (EN 13889:2003+A1:2008)

HZN/TO 531, *Plastika i guma*

- HRN EN ISO 4641:2009 en pr
Gumena crijeva i crijevni sklopovi za usisavanje i ispuštanje vode – Specifikacija (ISO 4641:2005; EN ISO 4641:2008)
Rubber hoses and hose assemblies for water suction and discharge – Specification (ISO 4641:2005; EN ISO 4641:2008)
- HRN EN ISO 6802:2009 en pr
Gumena i plastična crijeva i crijevni sklopovi ojačani žicom – Hidraulično impulsno ispitivanje savijanjem (ISO 6802:2005; EN ISO 6802:2008)
Rubber and plastics hoses and hose assemblies with wire reinforcements – Hydraulic impulse test with flexing (ISO 6802:2005; EN ISO 6802:2008)
- HRN ISO 8332:2009 en pr
Sastojci kaučukovih smjesa – Sumpor – Metode ispitivanja (ISO 8332:2006)
Rubber compounding ingredients – Sulfur – Methods of test (ISO 8332:2006)
- HRN EN ISO 10548:2008/Ispr.1:2009 en pr
Ugljična vlakna – Određivanje masenog udjela aperture (ISO 10548:2002/Cor 1:2008; EN ISO 10548:2003/AC:2009)
Carbon fibre – Determination of size content (ISO 10548:2002/Cor 1:2008; EN ISO 10548:2003/AC:2009)
- HRN EN ISO 11337:2008/Ispr.1:2009 en pr
Plastika – Poliamidi – Određivanje -kaprolaktama i -lauro-laktama plinskom kromatografijom (ISO 11337:2004/Cor 1:2007; EN ISO 11337:2004/AC:2009)
Plastics – Polyamides – Determination of -caprolactam and -lauro-lactam by gas chromatography (ISO 11337:2004/Cor 1:2007; EN ISO 11337:2004/AC:2009)

- HRN EN ISO 12086-2:2008/Ispr.1:2009 en pr
Plastika – Fluoropolimerne disperzije i materijali za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 12086-2:2006/Cor 1:2006; EN ISO 12086-2:2006/AC:2009)
Plastics – Fluoropolymer dispersions and moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 12086-2:2006/Cor 1:2006; EN ISO 12086-2:2006/AC:2009)
- HRN EN 13245-2:2008/Ispr.1:2009 en pr
Plastika – Neomekšani poli(vinil-kloridni) (PVC-U) profil za primjenu u građevinarstvu – 2. dio: PVC-U profili i PVC-UE profili za unutrašnje i vanjske zidne i stropne završne obloge (EN 13245-2:2008/AC:2009)
Plastics – Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications – Part 2: PVC-U profiles and PVC-UE profiles for internal and external wall and ceiling finishes (EN 13245-2:2008/AC:2009)
- HRS CEN/TS 14421:2009 en pr
Priključak cijevi i obujmica za učvršćivanje crijeva kovčanjem i sabijanjem (CEN/TS 14421:2006)
Hose tail and ferrule for crimping and swaging (CEN/TS 14421:2006)
- HRN EN ISO 14855-1:2008/Ispr.1:2009 en pr
Određivanje konačne aerobne biorazgradljivosti plastičnih materijala u kontroliranim uvjetima kompostiranja – Metoda analize nastalog ugljikovog dioksida – 1. dio: Opća metoda (ISO 14855-1:2005/Cor 1:2009; EN ISO 14855-1:2007/AC:2009)
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 1: General method (ISO 14855-1:2005/Cor 1:2009; EN ISO 14855-1:2007/AC:2009)
- HRS CEN/TS 15534-1:2009 en pr
Drveno-plastični kompoziti (WPC) – 1. dio: Ispitne metode za karakterizaciju WPC materijala i proizvoda (CEN/TS 15534-1:2007)
Wood-plastics composites (WPC) – Part 1: Test methods for characterisation of WPC materials and products (CEN/TS 15534-1:2007)
- HRS CEN/TS 15534-2:2009 en pr
Drveno-plastični kompoziti (WPC) – 2. dio: Karakterizacija WPC materijala (CEN/TS 15534-2:2007)
Wood-plastics composites (WPC) – Part 2: Characterisation of WPC materials (CEN/TS 15534-2:2007)
- HRS CEN/TS 15534-3:2009 en pr
Drveno-plastični kompoziti (WPC) – 3. dio: Karakterizacija WPC proizvoda (CEN/TS 15534-3:2007)
Wood-plastics composites (WPC) – Part 3: Characterisation of WPC products (CEN/TS 15534-3:2007)

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

- HRN EN 12697-5:2009 en pr
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 5. dio: Određivanje gustoće asfaltne mješavine (EN 12697-5:2009)
Bituminous mixtures – Test methods for hot mix asphalt – Part 5: Determination of the maximum density (EN 12697-5:2009)
- HRN EN ISO 13473-5:2009 en pr
Karakterizacija teksture kolnika uporabom profila površine – 5. dio: Određivanje megateksture (ISO 13473-5:2009; EN ISO 13473-5:2009)
Characterization of pavement texture by use of surface profiles – Part 5: Determination of megatexture (ISO 13473-5:2009; EN ISO 13473-5:2009)
- HRN EN 14188-4:2009 en pr
Brtveni umetci i (brtvne) mase – 4. dio: Specifikacije za premaze za uporabu s brtvenim masama (EN 14188-4:2009)
Joint fillers and sealants – Part 4: Specifications for primers to be used with joint sealants (EN 14188-4:2009)
- HRN EN 15466-1:2009 en pr
Premazi za hladne i vruće brtvne mase – 1. dio: Određivanje homogenosti (EN 15466-1:2009)
Primers for cold and hot applied joint sealants – Part 1: Determination of homogeneity (EN 15466-1:2009)
- HRN EN 15466-2:2009 en pr
Premazi za hladne i vruće brtvne mase – 2. dio: Određivanje otpornosti na lužine (EN 15466-2:2009)

Primers for cold and hot applied joint sealants — Part 2: Determination of resistance against alkali (EN 15466-2:2009)

HRN EN 15466-3:2009 en pr
Premazi za hladne i vruće brtvene mase — 3. dio: Određivanje udjela krutih sastojaka i ponašanje hlapljivih sastojaka pri isparavanju (EN 15466-3:2009)
Primers for cold and hot applied joint sealants — Part 3: Determination of solids content and evaporation behaviour of volatiles (EN 15466-3:2009)

HRS CEN/TS 15901-6:2009 en pr
Površinska svojstva cesta i aerodromskih operativnih površina — 6. dio: Postupak za određivanje otpornosti na klizanje površine kolnika mjerenjem koeficijenta bočne sile (SFCS): SCRIM® (CEN/TS 15901-6:2009)
Road and airfield surface characteristics — Part 6: Procedure for determining the skid resistance of a pavement surface by measurement of the sideway force coefficient (SFCS): SCRIM® (CEN/TS 15901-6:2009)

HRS CEN/TS 15901-7:2009 en pr
Površinska svojstva cesta i aerodromskih operativnih površina — 7. dio: Postupak za određivanje otpornosti na klizanje površine kolnika uporabom uređaja sa stalnim omjerom uzdužnog proklizavanja (LFCG): Grip Tester® (CEN/TS 15901-7:2009)
Road and airfield surface characteristics — Part 7: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal fixed slip ratio (LFCG): the GripTester® (CEN/TS 15901-7:2009)

HZN/TO 534, Spremnici za teret

HRN EN 1626:2009 en pr
Kriogenične posude — Ventili za kriogenične uvjete (EN 1626:2008)
Cryogenic vessels — Valves for cryogenic service (EN 1626:2008)

HRN EN 13081:2009 en pr
Spremnici za prijevoz opasnih tvari — Pomoćna oprema za spremnike — Spojke sabača para (EN 13081:2008)
Tanks for transport of dangerous goods — Service equipment for tanks — Vapour collection adaptor and coupler (EN 13081:2008)

HRN EN 13082:2009 en pr
Spremnici za prijevoz opasnih tvari — Pomoćna oprema za spremnike — Ventil za prijenos pare (EN 13082:2008)
Tanks for transport of dangerous goods — Service equipment for tanks — Vapour transfer valve (EN 13082:2008)

HRN EN 13083:2009 en pr
Spremnici za prijevoz opasnih tvari — Pomoćna oprema za spremnike — Spojka za punjenje i pražnjenje s dna (EN 13083:2008)
Tanks for transport of dangerous goods — Service equipment for tanks — Adaptor for bottom loading and unloading (EN 13083:2008)

HRN EN 13648-1:2009 en pr
Kriogenične posude — Sigurnosni uređaji za zaštitu od prokomjernog tlaka — 1. dio: Sigurnosni ventili za kriogenične uvjete (EN 13648-1:2008)
Cryogenic vessels — Safety devices for protection against excessive pressure — Part 1: Safety valves for cryogenic service (EN 13648-1:2008)

HRN EN 14116:2009 en pr
Spremnici za prijevoz opasnih tvari — Digitalni međusklop uređaja za prepoznavanje proizvoda (EN 14116:2007+A1:2008)
Tanks for transport of dangerous goods — Digital interface for the product recognition device (EN 14116:2007+A1:2008)

HZN/TO 535, Agregati

HRN EN 933-9:2009 en pr
Ispitivanja geometrijskih svojstava agregata — 9. dio: Procjena sitnih čestica — Ispitivanje metilenskim modrilom (EN 933-9:2009)
Tests for geometrical properties of aggregates — Part 9: Assessment of fines — Methylene blue test (EN 933-9:2009)

HRN EN 933-10:2009 en pr
Ispitivanja geometrijskih svojstava agregata — 10. dio: Procjena sitnih čestica — Razvrstavanje punila (sijanje strujanjem zraka) (EN 933-10:2009)
Tests for geometrical properties of aggregates — Part 10: Assessment of fines — Grading of filler aggregates (air jet sieving) (EN 933-10:2009)

HRN EN 933-11:2009 en pr
Ispitivanja geometrijskih svojstava agregata — 11. dio: Određivanje sastojaka krupnoga recikliranog agregata (EN 933-11:2009+AC:2009)

Tests for geometrical properties of aggregates — Part 11: Classification test for the constituents of coarse recycled aggregate (EN 933-11:2009+AC:2009)

HRN EN 1097-8:2009 en pr
Ispitivanja mehaničkih i fizikalnih svojstava agregata — 8. dio: Određivanje vrijednosti polirnosti kamena (EN 1097-8:2009)
Tests for mechanical and physical properties of aggregates — Part 8: Determination of the polished stone value (EN 1097-8:2009)

HZN/TO 544, Strojni elementi

HRN ISO 6336-6:2009/Ispr.1:2009 en pr
Proračun nosivosti cilindričnih zupčanika s ravnim ili kosim zubima — 6. dio: Proračun trajnosti pod promjenljivim opterećenjem (ISO 6336-6:2006/Cor 1:2007)
Calculation of load capacity of spur and helical gears — Part 6: Calculation of service life under variable load (ISO 6336-6:2006/Cor 1:2007)

HRN EN ISO 10684:2008/Ispr.1:2009 en pr
Fasteners — Hot dip galvanized coatings (ISO 10684:2004/Cor 1:2008; EN ISO 10684:2004/AC:2009)

HZN/TO 550, Opskrba vodom

HRN EN 1017:2008/Ispr.1:2009 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Polužareni dolomit (EN 1017:2008/AC:2009)
Chemicals used for treatment of water intended for human consumption — Half-burnt dolomite (EN 1017:2008/AC:2009)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 11137-2:2008/Ispr.1:2009 en pr
Sterilization of health care products — Radiation — Part 2: Establishing the sterilization dose (ISO 11137-2:2006/Cor 1:2009; EN ISO 11137-2:2007/AC:2009)

HRN EN ISO 11737-1:2006/Ispr.1:2009 en pr
Sterilization of medical devices — Microbiological methods — Part 1: Determination of a population of microorganisms on products (ISO 11737-1:2006/Cor 1:2007; EN ISO 11737-1:2006/AC:2009)

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

HRN EN 12807:2009 en pr
Oprema i pribor za UNP — Prenosive, ponovno punjive, tvrdo lemljene čelične boce za ukapljeni naftni plin (UNP) — Projektiranje i izrada (EN 12807:2009)
LPG equipment and accessories — Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) — Design and construction (EN 12807:2009)

HRN EN 13445-1:2009 en pr
Neložene tlačne posude — 1. dio: Općenito (EN 13445-1:2009)
Unfired pressure vessels — Part 1: General (EN 13445-1:2009)

HRN EN 13445-2:2009 en pr
Neložene tlačne posude — 2. dio: Materijali (EN 13445-2:2009)
Unfired pressure vessels — Part 2: Materials (EN 13445-2:2009)

HRN EN 13445-3:2009 en pr
Neložene tlačne posude — 3. dio: Projektiranje (EN 13445-3:2009)
Unfired pressure vessels — Part 3: Design (EN 13445-3:2009)

HRN EN 13445-4:2009 en pr
Neložene tlačne posude — 4. dio: Proizvodnja (EN 13445-4:2009)
Unfired pressure vessels — Part 4: Fabrication (EN 13445-4:2009)

HRN EN 13445-5:2009 en pr
Neložene tlačne posude — 5. dio: Pregled i ispitivanje (EN 13445-5:2009)
Unfired pressure vessels — Part 5: Inspection and testing (EN 13445-5:2009)

HRN EN 13445-6:2009 en pr
Neložene tlačne posude — 6. dio: Zahtjevi za projektiranje i proizvodnju tlačnih posuda i dijelova posuda izrađenih od nodularnog lijeva (EN 13445-6:2009)
Unfired pressure vessels — Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron (EN 13445-6:2009)

- HRN EN 13445-8:2009 en pr
Neložene tlačne posude – 8. dio: Dodatni zahtjevi za tlačne posude izrađene od aluminija i aluminijskih legura (EN 13445-8:2009)
Unfired pressure vessels – Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys (EN 13445-8:2009)
- HRN EN 15609:2009 en pr
Oprema i pribor za UNP – Pogonski sustavi na UNP za brodove, jahte i ostala plovila – Zahtjevi za ugradnju (EN 15609:2008)
LPG equipment and accessories – LPG propulsion systems for boats, yachts and other craft – Installation requirements (EN 15609:2008)

HZN/TO 563, Sigurnost strojeva

- HRN EN 1093-1:2009 en pr
Sigurnost strojeva – Određivanje emisije opasnih onečišćujućih tvari u zraku – 1. dio: Odabir metoda ispitivanja (EN 1093-1:2008)
Safety of machinery – Evaluation of the emission of airborne hazardous substances – Part 1: Selection of test methods (EN 1093-1:2008)
- HRN EN ISO 8230-1:2009 en pr
Safety requirements for dry-cleaning machines – Part 1: Common safety requirements (ISO 8230-1:2008; EN ISO 8230-1:2008)
- HRN EN ISO 8230-2:2009 en pr
Safety requirements for dry-cleaning machines – Part 2: Machines using perchloroethylene (ISO 8230-2:2008; EN ISO 8230-2:2008)
- HRN EN ISO 8230-3:2009 en pr
Safety requirements for dry-cleaning machines – Part 3: Machines using combustible solvents (ISO 8230-3:2008; EN ISO 8230-3:2008)
- HRN EN ISO 10472-1:2009 en pr
Sigurnosni zahtjevi za strojeve za industrijsko pranje – 1. dio: Opći zahtjevi (ISO 10472-1:1997; EN ISO 10472-1:2008)
Safety requirements for industrial laundry machinery – Part 1: Common requirements (ISO 10472-1:1997; EN ISO 10472-1:2008)
- HRN EN ISO 10472-2:2009 en pr
Sigurnosni zahtjevi za strojeve za industrijsko pranje – 2. dio: Strojevi za pranje i perilice s izdvajačem (ISO 10472-2:1997; EN ISO 10472-2:2008)
Safety requirements for industrial laundry machinery – Part 2: Washing machines and washer-extractors (ISO 10472-2:1997; EN ISO 10472-2:2008)
- HRN EN ISO 10472-3:2009 en pr
Sigurnosni zahtjevi za strojeve za industrijsko pranje – 3. dio: Tunelske linije za pranje uključujući i složene strojeve (ISO 10472-3:1997; EN ISO 10472-3:2008)
Safety requirements for industrial laundry machinery – Part 3: Washing tunnel lines including component machines (ISO 10472-3:1997; EN ISO 10472-3:2008)
- HRN EN ISO 10472-4:2009 en pr
Sigurnosni zahtjevi za strojeve za industrijsko pranje – 4. dio: Sušnice (sušilice) zrakom (ISO 10472-4:1997; EN ISO 10472-4:2008)
Safety requirements for industrial laundry machinery – Part 4: Air dryers (ISO 10472-4:1997; EN ISO 10472-4:2008)
- HRN EN ISO 10472-5:2009 en pr
Sigurnosni zahtjevi za strojeve za industrijsko pranje – 5. dio: Strojevi za ravno glačanje, strojevi za dovodenje i preklapanje (ISO 10472-5:1997; EN ISO 10472-5:2008)
Safety requirements for industrial laundry machinery – Part 5: Flatwork ironers, feeders and folders (ISO 10472-5:1997; EN ISO 10472-5:2008)
- HRN EN ISO 10472-6:2009 en pr
Sigurnosni zahtjevi za strojeve za industrijsko pranje – 6. dio: Preše za glačanje i zavarivanje (ISO 10472-6:1997; EN ISO 10472-6:2008)
Safety requirements for industrial laundry machinery – Part 6: Ironing and fusing presses (ISO 10472-6:1997; EN ISO 10472-6:2008)
- HRN EN ISO 11111-1:2009 en pr
Textile machinery – Safety requirements – Part 1: Common requirements (ISO 11111-1:2005; EN ISO 11111-1:2009)
- HRN EN ISO 11111-2:2008/A1:2009 en pr
Textile machinery – Safety requirements – Part 2: Spinning preparatory and spinning machines – Amendment 1 (ISO 11111-2:2005/Amd 1:2009; EN ISO 11111-2:2005/A1:2009)

- HRN EN ISO 11111-3:2008/A1:2009 en pr
Textile machinery – Safety requirements – Part 3: Nonwoven machinery – Amendment 1 (ISO 11111-3:2005/Amd 1:2009; EN ISO 11111-3:2005/A1:2009)
- HRN EN ISO 11111-4:2008/A1:2009 en pr
Textile machinery – Safety requirements – Part 4: Yarn processing, cordage and rope manufacturing machinery – Amendment 1 (ISO 11111-4:2005/Amd 1:2009; EN ISO 11111-4:2005/A1:2009)
- HRN EN ISO 11111-5:2008/A1:2009 en pr
Textile machinery – Safety requirements – Part 5: Preparatory machinery to weaving and knitting – Amendment 1 (ISO 11111-5:2005/Amd 1:2009; EN ISO 11111-5:2005/A1:2009)
- HRN EN ISO 11111-6:2008/A1:2009 en pr
Textile machinery – Safety requirements – Part 6: Fabric manufacturing machinery – Amendment 1 (ISO 11111-6:2005/Amd 1:2009; EN ISO 11111-6:2005/A1:2009)
- HRN EN ISO 11111-7:2008/A1:2009 en pr
Textile machinery – Safety requirements – Part 7: Dyeing and finishing machinery – Amendment 1 (ISO 11111-7:2005/Amd 1:2009; EN ISO 11111-7:2005/A1:2009)
- HRN EN 12041:2009 en pr
Strojevi za preradu hrane – Strojevi za oblikovanje – Sigurnosni i higijenski zahtjevi (EN 12041:2000+A1:2009)
Food processing machinery – Moulders – Safety and hygiene requirements (EN 12041:2000+A1:2009)
- HRN EN ISO 12100-1:2008/A1:2009 en pr
Sigurnost strojeva – Osnovni pojmovi, opća načela za projektiranje – 1. dio: Osnovna terminologija, metodologija (ISO 12100-1:2003/Amd 1:2009; EN ISO 12100-1:2003/A1:2009)
Safety of machinery – Basic concepts, general principles for design – Part 1: Basic terminology, methodology (ISO 12100-1:2003/Amd 1:2009; EN ISO 12100-1:2003/A1:2009)
- HRN EN ISO 12100-2:2008/A1:2009 en pr
Sigurnost strojeva – Osnovni pojmovi, opća načela za projektiranje – 2. dio: Tehnička načela (ISO 12100-2:2003/Amd 1:2009; EN ISO 12100-2:2003/A1:2009)
Safety of machinery – Basic concepts, general principles for design – Part 2: Technical principles (ISO 12100-2:2003/Amd 1:2009; EN ISO 12100-2:2003/A1:2009)
- HRN EN 12215:2009 en pr
Postrojenja za prevlačenje – Komora za naštrcavanje (prskanje) tekućih organskih materijala za prevlačenje – Sigurnosni zahtjevi (EN 12215:2004+A1:2009)
Coating plants – Spray booths for application of organic liquid coating materials – Safety requirements (EN 12215:2004+A1:2009)
- HRN EN 15436-4:2009 en pr
Road service area maintenance equipment – Part 4: Delivery acceptance of the machines by the users (EN 15436-4:2009)
- HRN EN 15583-1:2009 en pr
Winter maintenance equipment – Snow ploughs – Part 1: Product description and requirements (EN 15583-1:2009)
- HRI CEN/TR 15623:2009 en pr
Food processing machinery – Route map – Materials for food area (CEN/TR 15623:2008)

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom

- HRN EN 60059:2008/A1:2009 en pr
IEC normirane nazivne struje (IEC 60059:1999/am1:2009; EN 60059:1999/A1:2009)
IEC standard current ratings (IEC 60059:1999/am1:2009; EN 60059:1999/A1:2009)

HZN/TO E9, Električna oprema za željeznicu

- HRN EN 50126-1:2001/Ispr.1:2009 en pr
Željezničke primjene – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 1. dio: Osnovni zahtjevi i generički postupak (EN 50126-1:1999/AC:2006)
Railway applications – The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Basic requirements and generic process (EN 50126-1:1999/AC:2006)

HZN/TO E20, Električni kabeli

- HRN HD 21.3 S3:2001/A2:2009 en pr
Kabeli izolirani polivinil kloridom nazivnog napona do i uključivo 450/750 V – 3. dio: Kabeli bez plašta za učvršćeno ožičenje (HD 21.3 S3:1995/A2:2008)
Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 3: Non-sheathed cables for fixed wiring (HD 21.3 S3:1995/A2:2008)
- HRN HD 516 S2:2001/A2:2009 en pr
Uputa za uporabu niskonaponskih harmoniziranih kabela (HD 516 S2:1997/A2:2008)
Guide to use of low voltage harmonized cables (HD 516 S2:1997/A2:2008)
- HRN HD 632 S2:2009 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone iznad 36 kV (Um = 42 kV) do 150 kV (Um = 170 kV) (HD 632 S2:2008)
Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um = 42 kV) up to 150 kV (Um = 170 kV) (HD 632 S2:2008)
- HRN EN 50143:2009 en pr
Kabeli za instalacije znakova i svijetlećih cijevi nazivnog napona praznog hoda višeg od 1000 V do najviše 10000 V (EN 50143:2009)
Cables for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1000 V but not exceeding 10000 V (EN 50143:2009)
- HRN EN 50483-1:2009 en pr
Ispitni zahtjevi za pribor niskonaponskih nadzemnih kabela snopova – 1. dio: Općenito (EN 50483-1:2009)
Test requirements for low voltage aerial bundled cable accessories – Part 1: Generalities (EN 50483-1:2009)
- HRN EN 50483-2:2009 en pr
Ispitni zahtjevi za pribor niskonaponskih nadzemnih kabela snopova – 2. dio: Zatezne i nosive stezaljke za sustav samonosivog kabela snopova (EN 50483-2:2009)
Test requirements for low voltage aerial bundled cable accessories – Part 2: Tension and suspension clamps for self supporting system (EN 50483-2:2009)
- HRN EN 50483-3:2009 en pr
Ispitni zahtjevi za pribor niskonaponskih nadzemnih kabela snopova – 3. dio: Zatezne i nosive stezaljke za sustav s nosivim neutralnim vodičem (EN 50483-3:2009)
Test requirements for low voltage aerial bundled cable accessories – Part 3: Tension and suspension clamps for neutral messenger system (EN 50483-3:2009)
- HRN EN 50483-4:2009 en pr
Ispitni zahtjevi za pribor niskonaponskih nadzemnih kabela snopova – 4. dio: Spojni pribor (EN 50483-4:2009)
Test requirements for low voltage aerial bundled cable accessories – Part 4: Connectors (EN 50483-4:2009)
- HRN EN 50483-5:2009 en pr
Ispitni zahtjevi za pribor niskonaponskih nadzemnih kabela snopova – 5. dio: Ispitivanje električnim starenjem (EN 50483-5:2009)
Test requirements for low voltage aerial bundled cable accessories – Part 5: Electrical ageing test (EN 50483-5:2009)
- HRN EN 50483-6:2009 en pr
Ispitni zahtjevi za pribor niskonaponskih nadzemnih kabela snopova – 6. dio: Ispitivanje utjecaja okoliša (EN 50483-6:2009)
Test requirements for low voltage aerial bundled cable accessories – Part 6: Environmental testing (EN 50483-6:2009)
- HRN IEC 60502-1:2009 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 1. dio: Kabeli za nazivne napone 1 kV (Um = 1,2 kV) i 3 kV (Um = 3,6 kV) (IEC 60502-1:2004)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 1: Cables for rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV) (IEC 60502-1:2004)
- HRN IEC 60502-2:2009 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 2. dio: Kabeli za nazivne napone od 6 kV (Um = 7,2 kV) do 30 kV (Um = 36 kV) (IEC 60502-2:2005)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 2: Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60502-2:2005)
- HRN IEC 60502-4:2009 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 4. dio: Ispitni zahtjevi za pribor kabela nazivnih napona od 6 kV (Um = 7,2 kV) do 30 kV (Um = 36 kV) (IEC 60502-4:2005)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 4: Test requirements on accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60502-4:2005)
- HRN IEC 60840:2009 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone iznad 30 kV (Um = 36 kV) do 150 kV (Um = 170 kV) – Ispitne metode i zahtjevi (IEC 60840:2004)
Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV) – Test methods and requirements (IEC 60840:2004)
- HRN IEC 61443:2009 en pr
Granične temperature kod kratkog spoja na električnim kabelima nazivnog napona iznad 30 kV (Um = 36 kV) (IEC 61443:2008+am1:2008)
Short-circuit temperature limits of electric cables with rated voltages above 30 kV (Um = 36 kV) (IEC 61443:2008+am1:2008)
- HRN IEC 62067:2009 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone iznad 150 kV (Um = 170 kV) do 500 kV (Um = 550 kV) – Ispitne metode i zahtjevi (IEC 62067:2006)
Power cables with extruded insulation and their accessories for rated voltages above 150 kV (Um = 170 kV) up to 500 kV (Um = 550 kV) – Test methods and requirements (IEC 62067:2006)

HZN/TO E31, Eksplozivne atmosfere

- HRN EN 60079-0:2009 en pr
Eksplozivne atmosfere – 0. dio: Oprema – Opći zahtjevi (IEC 60079-0:2007; EN 60079-0:2009)
Explosive atmospheres – Part 0: Equipment – General requirements (IEC 60079-0:2007; EN 60079-0:2009)
- HRN EN 60079-10-2:2009 en pr
Eksplozivne atmosfere – Dio 10-2: Klasifikacija ugroženih prostora – Eksplozivne atmosfere prašina (IEC 60079-10-2:2009; EN 60079-10-2:2009)
Explosive atmospheres – Part 10-2: Classification of areas – Combustible dust atmospheres (IEC 60079-10-2:2009; EN 60079-10-2:2009)

HZN/TO E62, Električna oprema u medicinskoj praksi

- HRN EN ISO 13485:2003/Ispr:2:2009 en pr
Medicinski uređaji – Sustavi upravljanja kvalitetom – Zahtjevi za zakonsku namjenu (ISO 13485:2003/Cor 1:2009; EN ISO 13485:2003/AC:2009)
Medical devices – Quality management systems – Requirements for regulatory purposes (ISO 13485:2003/Cor 1:2009; EN ISO 13485:2003/AC:2009)

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

- HRN EN 41003:2009 en pr
Posebni zahtjevi sigurnosti za opremu koja se priključuje na telekomunikacijske mreže i/ili kabelski sustav razdiobe (EN 41003:2008)
Particular safety requirements for equipment to be connected to telecommunication networks and/or a cable distribution system (EN 41003:2008)
- HRN EN 50514:2009 en pr
Audio i video oprema te oprema informacijske tehnologije – Uobičajeni postupci ispitivanja električne sigurnosti u proizvodnji (EN 50514:2008)
Audio, video and information technology equipment – Routine electrical safety testing in production (EN 50514:2008)
- HRN EN 60065:2005/A11:2009 en pr
Audio, video i slični električni uređaji – Zahtjevi sigurnosti (EN 60065:2002/A11:2008)
Audio, video and similar electronic apparatus – Safety requirements (EN 60065:2002/A11:2008)

- HRN IEC 60491:2009 en pr
Sigurnosni zahtjevi za elektroničke fotobljeskalice
(IEC 60491:1984)
Safety requirements for electronic flash apparatus for
photographic purposes (IEC 60491:1984)
- HRN EN 60950-1:2007/A11:2009 en pr
Oprema informacijske tehnologije – Sigurnost – 1. dio: Opći
zahtjevi (EN 60950-1:2006/A11:2009)
Information technology equipment – Safety – Part 1: General
requirements (EN 60950-1:2006/A11:2009)
- HRN EN 60950-22:2007/A11:2008/Ispr.1:2009 en pr
Oprema informacijske tehnologije – Sigurnost – 22. dio:
Oprema postavljena vani
(EN 60950-22:2006/A11:2008/AC:2009)
Information technology equipment – Safety – Part 22:
Equipment installed outdoors
(EN 60950-22:2006/A11:2008/AC:2009)

HZNTO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

- HRN EN 55020:2009 hr/en pp
Zvučni i televizijski radiodifuzijski prijamnici i pridružena
oprema – Značajke otpornosti – Granice i mjerne metode
(CISPR 20:2006; EN 55020:2007)
Sound and television broadcast receivers and associated
equipment – Immunity characteristics – Limits and methods
of measurement (CISPR 20:2006; EN 55020:2007)

HZNTO T4, Normizacija u telekomunikacijama

- HRS ETSI/TS 101 456 V1.4.3:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za osobe
ovlaštene za izdavanje potrebnog certifikata
(ETSI/TS 101 456 V1.4.3:2007)
Electronic signatures and infrastructures (ESI) – Policy
requirements for certification authorities issuing qualified
certificates (ETSI/TS 101 456 V1.4.3:2007)
- HRS ETSI/TS 101 733 V1.7.4:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – CMS usavršeni
elektronički potpisi (CAAdES) (ETSI/TS 101 733 V1.7.4:2008)
Electronic signatures and infrastructures (ESI) – CMS
advanced electronic signatures (CAAdES)
(ETSI/TS 101 733 V1.7.4:2008)
- HRS ETSI/TS 101 861 V1.3.1:2009 en pr
Profil otiska vremena (ETSI/TS 101 861 V1.3.1:2006)
Time stamping profile (ETSI/TS 101 861 V1.3.1:2006)
- HRS ETSI/TS 101 862 V1.3.3:2009 en pr
Profil kvalificiranog certifikata
(ETSI/TS 101 862 V1.3.3:2006)
Qualified certificate profile (ETSI/TS 101 862 V1.3.3:2006)
- HRS ETSI/TS 101 903 V1.4.1:2009 en pr
XML usavršeni elektronički potpisi (XAdES)
(ETSI/TS 101 903 V1.4.1:2009)
XML advanced electronic signatures (XAdES)
(ETSI/TS 101 903 V1.4.1:2009)
- HRS ETSI/TS 102 023 V1.2.2:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za osobe
ovlaštene za otiskivanje vremena
(ETSI/TS 102 023 V1.2.2:2008)
Electronic signatures and infrastructures (ESI) – Policy
requirements for time-stamping authorities
(ETSI/TS 102 023 V1.2.2:2008)
- HRS ETSI/TS 102 778 V1.1.1:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili PDF
usavršenog elektroničkog potpisa – CMS profil na osnovu
ISO 32000-1 (ETSI/TS 102 778 V1.1.1:2009)
Electronic signatures and infrastructures (ESI) – PDF
advanced electronic signature profiles – CMS profile based
on ISO 32000-1 (ETSI/TS 102 778 V1.1.1:2009)
- HRS ETSI/TS 102 778-1 V1.1.1:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili PDF
usavršenog elektroničkog potpisa – 1. dio: PAdES pregled
– Okvirni dokument za PAdES
(ETSI/TS 102 778-1 V1.1.1:2009)
Electronic signatures and infrastructures (ESI) – PDF
advanced electronic signature profiles – Part 1: PAdES
overview – A framework document for PAdES
(ETSI/TS 102 778-1 V1.1.1:2009)
- HRS ETSI/TS 102 778-2 V1.2.1:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili PDF
usavršenog elektroničkog potpisa – 2. dio: Osnovni PAdES
– Profil na osnovu ISO 32000-1
(ETSI/TS 102 778-2 V1.2.1:2009)

- Electronic signatures and infrastructures (ESI) – PDF
advanced electronic signature profiles – Part 2: PAdES basic
– Profile based on ISO 32000-1
(ETSI/TS 102 778-2 V1.2.1:2009)
- HRS ETSI/TS 102 778-3 V1.1.1:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili PDF
usavršenog elektroničkog potpisa – 3. dio: Pobjoljšani PAdES
– Profili PAdES-BES i PAdES-EPES
(ETSI/TS 102 778-3 V1.1.1:2009)
Electronic signatures and infrastructures (ESI) – PDF
advanced electronic signature profiles – Part 3: PAdES
enhanced – PAdES-BES and PAdES-EPES profiles
(ETSI/TS 102 778-3 V1.1.1:2009)
- HRS ETSI/TS 102 778-4 V1.1.1:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili PDF
usavršenog elektroničkog potpisa – 4. dio: Dugotrajni PAdES
– Profil PAdES-LTV (ETSI/TS 102 778-4 V1.1.1:2009)
Electronic signatures and infrastructures (ESI) – PDF
advanced electronic signature profiles – Part 4: PAdES long
term – PAdES-LTV profile (ETSI/TS 102 778-4 V1.1.1:2009)
- HRS ETSI/TS 102 778-5 V1.1.1:2009 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili PDF
usavršenog elektroničkog potpisa – 5. dio: PAdES za XML
sadržaj – Profili za potpise XAdES
(ETSI/TS 102 778-5 V1.1.1:2009)
Electronic signatures and infrastructures (ESI) – PDF
advanced electronic signature profiles – Part 5: PAdES for
XML content – Profiles for XAdES signatures
(ETSI/TS 102 778-5 V1.1.1:2009)
- HRN EN 300 065-1 V1.2.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM)
– Uskopojasna telegrafaska oprema s izravnim ispisom za
prijam meteoroloških ili navigacijskih obavijesti (NAVTEX) –
1. dio: Tehničke karakteristike i metode mjerenja
(EN 300 065-1 V1.2.1:2009)
Electromagnetic compatibility and radio spectrum matters
(ERM) – Narrow-band direct-printing telegraph equipment
for receiving meteorological or navigational information
(NAVTEX) – Part 1: Technical characteristics and methods
of measurement (EN 300 065-1 V1.2.1:2009)
- HRN EN 300 175-4 V2.2.2:2009 en pr
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 4. dio: Sloj linka za kontrolu
podataka (DLC) (EN 300 175-4 V2.2.2:2009)
Digital enhanced cordless telecommunications (DECT)
– Common interface (CI) – Part 4: Data link control (DLC)
layer (EN 300 175-4 V2.2.2:2009)
- HRN EN 300 175-8 V2.2.1:2009 en pr
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 8. dio: Kodiranje i prijenos govora
i zvuka (EN 300 175-8 V2.2.1:2009)
Digital enhanced cordless telecommunications (DECT)
– Common Interface (CI) – Part 8: Speech and audio coding
and transmission (EN 300 175-8 V2.2.1:2009)
- HRN EN 300 296-1 V1.2.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM)
– Kopnena pokretna služba – Radijska oprema s integralnim
antenama namijenjena ponajprije za analogni govor – 1. dio:
Tehničke karakteristike i metode mjerenja
(EN 300 296-1 V1.2.1:2009)
Electromagnetic compatibility and radio spectrum matters
(ERM) – Land mobile service – Radio equipment using integral
antennas intended primarily for analogue speech – Part 1:
Technical characteristics and methods of measurement
(EN 300 296-1 V1.2.1:2009)
- HRN EN 300 296-2 V1.2.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM)
– Kopnena pokretna služba – Radijska oprema s integralnim
antenama namijenjena ponajprije za analogni govor – 2. dio:
Usklađena europska norma EN obuhvaća bitne zahtjeve
članka 3.2 R&TTE direktive (EN 300 296-2 V1.2.1:2009)
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 essential requirements under article
3.2 of the R&TTE directive (EN 300 296-2 V1.2.1:2009)
- HRN EN 300 392-1 V1.4.1:2009 en pr
Terestrijalni trunking radio (TETRA) – Glas plus podatci (V+D)
– 1. dio: Temeljna koncepcija mreže
(EN 300 392-1 V1.4.1:2009)
Terrestrial trunked radio (TETRA) – Voice plus data (V+D) –
Part 1: General network design (EN 300 392-1 V1.4.1:2009)

- HRN EN 300 440-1 V1.5.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema za uporabu u frekvencijskom području 1 GHz do 40 GHz – 1. dio: Tehničke karakteristike i metode ispitivanja (EN 300 440-1 V1.5.1:2009)
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 1: Technical characteristics and test methods (EN 300 440-1 V1.5.1:2009)
- HRN EN 300 440-2 V1.3.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema za uporabu u frekvencijskom području 1 GHz do 40 GHz – 2. dio: Usklađena europska norma, EN, obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 300 440-2 V1.3.1:2009)
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 essential requirements of article 3.2 of the R&TTE directive (EN 300 440-2 V1.3.1:2009)
- HRN EN 300 468 V1.9.1:2009 en pr
Radiodifuzija digitalnog videosignala (DVB) – Specifikacija za informacijsku uslugu (SI) u sustavima DVB (EN 300 468 V1.9.1:2009)
Digital video broadcasting (DVB) – Specification for service information (SI) in DVB systems (EN 300 468 V1.9.1:2009)
- HRN EN 300 744 V1.6.1:2009 en pr
Radiodifuzija digitalnog videosignala (DVB) – Struktura vremenskog odabira, kodiranje kanala i modulacija za digitalnu terestrijalnu televiziju (EN 300 744 V1.6.1:2009)
Digital video broadcasting (DVB) – Framing structure, channel coding and modulation for digital terrestrial television (EN 300 744 V1.6.1:2009)
- HRN EN 301 357-2 V1.4.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bežični audiouređaji u području 25 MHz do 2000 MHz – 2. dio: Usklađena europska norma, EN, obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 301 357-2 V1.4.1:2008)
Electromagnetic compatibility and radio spectrum matters (ERM) – Cordless audio devices in the range 25 MHz to 2000 MHz – Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE directive (EN 301 357-2 V1.4.1:2008)
- HRN EN 301 489-29 V1.1.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma za elektromagnetsku kompatibilnost (EMC) radijske opreme i službe – 29. dio: Posebni uvjeti za uređaje medicinske podatkovne usluge (MEDS) u frekvencijskim pojasevima 401 MHz do 402 MHz i 405 MHz do 406 MHz (EN 301 489-29 V1.1.1:2009)
Electromagnetic compatibility and radio spectrum matters (ERM) – Electromagnetic compatibility (EMC) standard for radio equipment and services – Part 29: Specific conditions for medical data service devices (MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406 MHz bands (EN 301 489-29 V1.1.1:2009)
- HRN EN 301 489-33 V1.1.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma za elektromagnetsku kompatibilnost (EMC) radijske opreme i službe – 33. dio: Posebni uvjeti za komunikacijske uređaje ultra širokog pojasa (UWB) (EN 301 489-33 V1.1.1:2009)
Electromagnetic compatibility and radio spectrum matters (ERM) – Electromagnetic compatibility (EMC) standard for radio equipment and services – Part 33: Specific conditions for ultra wide band (UWB) communications devices (EN 301 489-33 V1.1.1:2009)
- HRN EN 301 893 V1.5.1:2009 en pr
Širokopojasna pristupna radio mreža (BRAN) – RLAN 5 GHz visokovrijednih zahtjeva – Usklađena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 301 893 V1.5.1:2008)
Broadband radio access networks (BRAN) – 5 GHz high performance RLAN – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive (EN 301 893 V1.5.1:2008)
- HRN EN 302 217-2-2 V1.3.1:2009 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene u sustavu točka-točka – Dio 2-2: Digitalni sustavi u frekvencijskim pojasevima s obveznom koordinacijom frekvencija – Usklađena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 217-2-2 V1.3.1:2009)
- 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 V1.3.1:2009)
- HRN EN 302 217-4-1 V1.3.1:2009 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene u sustavu točka-točka – Dio 4-1: Zahtjevi za odgovarajuće antene (EN 302 217-4-1 V1.3.1:2009)
Fixed radio systems – Characteristics and requirements for point-to-point equipment and antennas – Part 4-1: System-dependent requirements for antennas (EN 302 217-4-1 V1.3.1:2009)
- HRN EN 302 217-4-2 V1.4.1:2009 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene u sustavu točka-točka – Dio 4-2: Antene – Usklađena europska norma EN obuhvaća bitne zahtjeve iz članka 3.2 R&TTE direktive (EN 302 217-4-2 V1.4.1:2009)
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 R&TTE directive (EN 302 217-4-2 V1.4.1:2009)
- HRN EN 302 288-1 V1.4.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa – Telematika cestovnog prijevoza i prometa (RTTT) – Oprema kratkodometnog radara u području 24 GHz – 1. dio: Tehnički zahtjevi i metode mjerenja (EN 302 288-1 V1.4.1:2009)
Electromagnetic compatibility and radio spectrum matters (ERM) – Short range devices – Road transport and traffic telematics (RTTT) – Short range radar equipment operating in the 24 GHz range – Part 1: Technical requirements and methods of measurement (EN 302 288-1 V1.4.1:2009)
- HRN EN 302 288-2 V1.3.2:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa – Telematika cestovnog prijevoza i prometa (RTTT) – Oprema kratkodometnog radara u području 24 GHz – 2. dio: Usklađena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 288-2 V1.3.2:2009)
Electromagnetic compatibility and radio spectrum matters (ERM) – Short range devices – Road transport and traffic telematics (RTTT) – Short range radar equipment operating in the 24 GHz range – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive (EN 302 288-2 V1.3.2:2009)
- HRN EN 302 544-1 V1.1.1:2009 en pr
Širokopojasni sustavi prijenosa podataka u frekvencijskom pojasu 2500 MHz do 2690 MHz – 1. dio: Bazne postaje TDD – Usklađena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 544-1 V1.1.1:2009)
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 V1.1.1:2009)
- HRN EN 302 544-2 V1.1.1:2009 en pr
Širokopojasni sustavi prijenosa podataka u frekvencijskom pojasu 2500 MHz do 2690 MHz – 2. dio: Oprema korisničkih postaja TDD – Usklađena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 544-2 V1.1.1:2009)
Broadband data transmission systems operating in the 2500 MHz to 2690 MHz frequency band – Part 2: TDD user equipment stations – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive (EN 302 544-2 V1.1.1:2009)
- HRN EN 302 567 V1.1.1:2009 en pr
Radiodifuzija digitalnog videosignala (BRAN) – Višebitni WAS/RLAN sustavi na 60 GHz – Usklađena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 567 V1.1.1:2009)
Broadband radio access networks (BRAN) – 60 GHz multiple-gigabit WAS/RLAN systems – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive (EN 302 567 V1.1.1:2009)
- HRN EN 302 608 V1.1.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema za Eurobaleise sustave na željeznici – Usklađena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 608 V1.1.1:2008)

- Electromagnetic compatibility and radio spectrum matters (ERM) – Short range devices (SRD) – Radio equipment for Eurobalise railway systems – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive (EN 302 608 V1.1.1:2008)
- HRN EN 302 609 V1.1.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema za Euroloop sustave na željeznici – Uskladena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 609 V1.1.1:2008)
Electromagnetic compatibility and radio spectrum matters (ERM) – Short range devices (SRD) – Radio equipment for Euroloop railway systems – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive (EN 302 609 V1.1.1:2008)
- HRN EN 302 617-1 V1.1.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Na tlu bazirani UHF radijski odašiljači, prijamnici, primoodašiljači s amplitudnom modulacijom za UHF zrakoplovnu pokretnu službu – 1. dio: Tehničke karakteristike i metode mjerenja (EN 302 617-1 V1.1.1:2009)
Electromagnetic compatibility and radio spectrum matters (ERM) – Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation – Part 1: Technical characteristics and methods of measurement (EN 302 617-1 V1.1.1:2009)
- HRN EN 302 623 V1.1.1:2009 en pr
Širokopojasni sustavi bežičnoga pristupa (BWA) u frekvencijskom pojasu 3800 MHz – Pokretne terminalne postaje – Uskladena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 623 V1.1.1:2009)
Broadband wireless access systems (BWA) in the 3400 MHz to 3800 MHz frequency band – Mobile terminal stations – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive (EN 302 623 V1.1.1:2009)
- HRN EN 302 752 V1.1.1:2009 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Aktivna pojačala radarskog odziva – Uskladena europska norma EN obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive (EN 302 752 V1.1.1:2009)
Electromagnetic compatibility and radio spectrum matters (ERM) – Active radar target enhancers – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive (EN 302 752 V1.1.1:2009)

HZNTU I2, Strojarstvo 2

- HRN EN 746-1:2009 en pr
Industrial thermoprocessing equipment – Part 1: Common safety requirements for industrial thermoprocessing equipment (EN 746-1:1997+A1:2009)
- HRN EN 746-3:2009 en pr
Industrial thermoprocessing equipment – Part 3: Safety requirements for the generation and use of atmosphere gases (EN 746-3:1997+A1:2009)
- HRN EN 1012-2:2009 en pr
Compressors and vacuum pumps – Safety requirements – Part 2: Vacuum pumps (EN 1012-2:1996+A1:2009)
- HRN EN 1547:2009 en pr
Industrial thermoprocessing equipment – Noise test code for industrial thermoprocessing equipment including its ancillary handling equipment (EN 1547:2001+A1:2009)
- HRN EN 12111:2009 en pr
Tunnelling machines – Road headers, continuous miners and impact rippers – Safety requirements (EN 12111:2002+A1:2009)
- HRN EN 12162:2009 en pr
Liquid pumps – Safety requirements – Procedure for hydrostatic testing (EN 12162:2001+A1:2009)
- HRN EN 12348:2009 en pr
Core drilling machines on stand – Safety (EN 12348:2000+A1:2009)
- HRN EN 12418:2009 en pr
Masonry and stone cutting-off machines for job site – Safety (EN 12418:2000+A1:2009)
- HRN EN 13042-2:2009 en pr
Machines and plants for the manufacture, treatment and processing of hollow glass – Safety requirements – Part 2: Handling machines for feeding (EN 13042-2:2004+A1:2009)

- HRN EN 13042-3:2009 en pr
Machines and plants for the manufacture, treatment and processing of hollow glass – Safety requirements – Part 3: IS machines (EN 13042-3:2007+A1:2009)
- HRN EN 13042-5:2009 en pr
Machines and plants for the manufacture, treatment and processing of hollow glass – Safety requirements – Part 5: Presses (EN 13042-5:2003+A1:2009)
- HRN EN 13941:2009 en pr
Design and installation of preinsulated bonded pipe systems for district heating (EN 13941:2009)

HZN/TU N1, Nemetalni materijali 1

- HRN EN 623-5:2009 en pr
Advanced technical ceramics – Monolithic ceramics – General and textural properties – Part 5: Determination of phase volume fraction by evaluation of micrographs (EN 623-5:2009)
- HRN EN 820-4:2009 en pr
Advanced technical ceramics – Thermomechanical properties of monolithic ceramics – Part 4: Determination of flexural creep deformation at elevated temperatures (EN 820-4:2009)
- HRN EN 820-5:2009 en pr
Advanced technical ceramics – Thermomechanical properties of monolithic ceramics – Part 5: Determination of elastic moduli at elevated temperatures (EN 820-5:2009)
- HRN EN 843-6:2009 en pr
Advanced technical ceramics – Mechanical properties of monolithic ceramics at room temperature – Part 6: Guidance for fractographic investigation (EN 843-6:2009)
- HRN EN 1006:2009 en pr
Advanced technical ceramics – Monolithic ceramics – Guidance on the selection of test pieces for the evaluation of properties (EN 1006:2009)
- HRN EN 1071-9:2009 en pr
Advanced technical ceramics – Methods of test for ceramic coatings – Part 9: Determination of fracture strain (EN 1071-9:2009)
- HRN EN 1071-10:2009 en pr
Advanced technical ceramics – Methods of test for ceramic coatings – Part 10: Determination of coating thickness by cross sectioning (EN 1071-10:2009)
- HRS CEN/TS 15866:2009 en pr
Advanced technical ceramics – Ceramic composites – Determination of the thermal diffusivity of ceramic fibres (CEN/TS 15866:2009)
- HRS CEN/TS 15867:2009 en pr
Advanced technical ceramics – Ceramic composites – Guide to the determination of the degree of misalignment in uniaxial mechanical tests (CEN/TS 15867:2009)
- HRS CEN/TS 15880:2009 en pr
Advanced technical ceramics – Ceramic composites – Determination of the fibre/matrix interfacial frictional shear stress at room temperature by a single fibre push-out method (CEN/TS 15880:2009)
- HRS CEN/TS 15881:2009 en pr
Advanced technical ceramics – Ceramic composites – Determination of the fibre/matrix interfacial frictional shear stress at room temperature by tensile tests on mini-composites (CEN/TS 15881:2009)

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

HZN/TO 28, Naftni proizvodi i maziva

- nHRN EN 14214 hr pp/na
Goriva za motorna vozila – Metilni esteri masnih kiselina (FAME) za dizelske motore – Zahtjevi i metode ispitivanja (EN 14214:2008+A1:2009)
Automotive fuels – Fatty acid methyl esters (FAME) for diesel engines – Requirements and test methods (EN 14214:2008+A1:2009)

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 Glasilo).

HZN/TO 28, *Naftni proizvodi i maziva*

- EN 228:2008 en/hr
Automotive fuels — Unleaded petrol — Requirements and test methods
Goriva za motorna vozila — Bezolovni motorni benzin — Zahtjevi i metode ispitivanja
- EN 589:2008 en/hr
Automotive fuels — LPG — Requirements and test methods
Goriva za motorna vozila — UNP — Zahtjevi i metode ispitivanja
- EN 590:2009 en/hr
Automotive fuels — Diesel — Requirements and test methods
Goriva za motorna vozila — Dizelsko gorivo — Zahtjevi i metode ispitivanja
- EN 15376:2007+A1:2009 en
Automotive fuels — Ethanol as a blending component for petrol — Requirements and test methods
Goriva za motorna vozila — Etanol kao komponenta za namješavanje u benzin — Zahtjevi i metode ispitivanja
- EN 15692:2009 en
Ethanol as a blending component for petrol — Determination of water content — Karl Fischer potentiometric titration method
Etanol kao komponenta za namješavanje u benzin — Određivanje udjela vode — Metoda potenciometrijske titracije po Karl Fischeru
- EN 15751:2009 en
Automotive fuels — Fatty acid methyl ester (FAME) fuel and blends with diesel fuel — Determination of oxidation stability by accelerated oxidation method
Goriva za motorna vozila — Metilni esteri masne kiseline (FAME) kao gorivo i mješavine s dizelskim gorivom — Određivanje oksidacijske stabilnosti metodom ubrzane oksidacije
- EN 15769:2009 en
Ethanol as a blending component of petrol — Determination of appearance — Visual method
Etanol kao komponenta za namješavanje u benzin — Određivanje izgleda — Vizualna metoda

HZN/TO 43, *Akustika*

- EN ISO 1683:2008 en
Acoustics — Preferred reference values for acoustical and vibratory levels (ISO 1683:2008)
Akustika — Preporučene referentne vrijednosti za akustičke i vibracijske razine (ISO 1683:2008)
- EN ISO 3382-2:2008+AC:2009 en
Acoustics — Measurement of room acoustic parameters — Part 2: Reverberation time in ordinary rooms (ISO 3382-2:2008+Cor 1:2009)
Akustika — Mjerenje akustičkih parametara prostorija — 2. dio: Vrijeme odjeka u običnim prostorijama (ISO 3382-2:2008+Cor 1:2009)
- EN ISO 3822-1:1999/A1:2008 en
Acoustics — Laboratory tests on noise emission from appliances and equipment used in water supply installations — Part 1: Method of measurement — Amendment 1: Measurement uncertainty (ISO 3822-1:1999/Amd 1:2008)
Akustika — Laboratorijska ispitivanja emisije buke od naprava i opreme koja se upotrebljava u instalacijama za opskrbu vodom — 1. dio: Metoda mjerenja — Amandman 1: Mjerna nesigurnost (ISO 3822-1:1999/Amd 1:2008)
- EN ISO 9612:2009 en
Acoustics — Determination of occupational noise exposure — Engineering method (ISO 9612:2009)
Akustika — Određivanje izloženosti buci na radu — Inženjerska metoda (ISO 9612:2009)

EN ISO 10846-1:2008 en
Acoustics and vibration — Laboratory measurement of vibro-acoustic transfer properties of resilient elements — Part 1: Principles and guidelines (ISO 10846-1:2008)
Akustika i vibracije — Laboratorijska mjerenja vibroakustičkih prijenosnih svojstava elastičnih elemenata — 1. dio: Načela i smjernice (ISO 10846-1:2008)

EN ISO 10846-2:2008 en
Acoustics and vibration — Laboratory measurement of vibro-acoustic transfer properties of resilient elements — Part 2: Direct method for determination of the dynamic stiffness of resilient supports for translatory motion (ISO 10846-2:2008)
Akustika i vibracije — Laboratorijsko mjerenje vibroakustičkih prijenosnih svojstava elastičnih elemenata — 2. dio: Izravna metoda za određivanje dinamičke krutosti elastičnih oslonaca za translacijska gibanja (ISO 10846-2:2008)

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

- EN 378-2:2008+A1:2009 en
Refrigerating systems and heat pumps — Safety and environmental requirements — Part 2: Design, construction, testing, marking and documentation
Rashladni sustavi i dizalice topline — Sigurnosni i ekološki zahtjevi — 2. dio: Projektiranje, izvedba, ispitivanje, označavanje i dokumentacija
- EN 1736:2008 en
Refrigerating systems and heat pumps — Flexible pipe elements, vibration isolators, expansion joints and non-metallic tubes — Requirements, design and installation
Rashladni sustavi i dizalice topline — Savitljivi cijevni elementi, kompenzatori vibracija, dilatacijski spojevi i nemetalne cijevi — Zahtjevi, projektiranje i ugradnja

HZN/TO 116, *Uređaji i oprema za izmjenu topline*

- EN 267:2009 en
Automatic forced draught burners for liquid fuels
Automatski pretlačni plamenici za kapljevita goriva
- EN 299:2009 en
Oil pressure atomizing nozzles — Determination of the angle and spray characteristics
Sapnice za raspršivanje ulja — Određivanje značajka i kuta raspršivanja
- EN 1264-3:2009 en
Water based surface embedded heating and cooling systems — Part 3: Dimensioning
Ugradbeni sustavi površinskog grijanja i hlađenja vodom — 3. dio: Dimenzioniranje
- EN 1264-4:2009 en
Water based surface embedded heating and cooling systems — Part 4: Installation
Ugradbeni sustavi površinskog grijanja i hlađenja vodom — 3. dio: Ugradnja
- EN 15544:2009 en
One off Kachelgrundöfen/Putzgrundöfen (tiled/mortared stoves) — Dimensioning
Stabilne zidane peći sa kaljem i bez njega — Dimenzioniranje
- EN ISO 23553-1:2009 en
Safety and control devices for oil burners and oil-burning appliances — Particular requirements — Part 1: Shut-off devices for oil burners (ISO 23553-1:2007+Cor 1:2009)
Sigurnosni i upravljački uređaji za uljne plamenike i uređaje za izgaranje ulja — Posebni zahtjevi — 1. dio: Uređaji za isključivanje plamenika (ISO 23553-1:2007+Cor 1:2009)

HZN/TO 120, *Koža i obuća*

- ISO 2588:1985 en
Leather — Sampling — Number of items for a gross sample
Koža — Uzorkovanje — Broj uzoraka za dobivanje reprezentativnog uzorka
- EN ISO 5398-2:2009 en
Leather — Chemical determination of chromic oxide content — Part 2: Quantification by colorimetric determination (ISO 5398-2:2009)
Koža — Kemijsko određivanje sadržaja kromovih oksida — 2. dio: Mjerenje količine kolorimetrijskim određivanjem (ISO 5398-2:2009)
- EN ISO 11643:2009 en
Leather — Tests for colour fastness — Colour fastness of small samples to solvents (ISO 11643:2009)

- Koža — Ispitivanje postojanosti obojenja — Postojanost obojenja malih uzoraka na otapala (ISO 11643:2009)
- EN ISO 11644:2009 en
Leather — Test for adhesion of finish (ISO 11644:2009)
Koža — Ispitivanje prijanjanja završnog sloja (ISO 11644:2009)
- CEN/TS 14689:2006 en
Leather — Physical and mechanical tests — Determination of bagginess, creep and relaxation
Koža — Fizikalna i mehanička ispitivanja — Određivanje obješenosti, puzanja i oporavka
- EN ISO 17232:2009 en
Leather — Physical and mechanical tests — Determination of heat resistance of patent leather (ISO 17232:2006)
Koža — Fizikalna i mehanička ispitivanja — Određivanje otpornosti lakirane kože na toplinu (ISO 17232:2006)
- CEN ISO/TS 17234:2003 en
Leather — Chemical tests — Determination of certain azo colourants in dyed leathers (ISO/TS 17234:2003)
Koža — Kemijska ispitivanja — Određivanje određenih azo bojila u bojanoj koži (ISO/TS 17234:2003)
- EN ISO 22288:2009 en
Leather — Physical and mechanical tests — Determination of flex resistance by the vamp flex method (ISO 22288:2006)
Koža — Fizikalna i mehanička ispitivanja — Određivanje otpornosti na savijanje metodom savijanja gornjišta (ISO 22288:2006)

HZN/TO 184, Sustavi industrijske automatizacije i integracija

- ISO 2806:1994 en
Industrial automation systems — Numerical control of machines — Vocabulary
Sustavi industrijske automatizacije — Numeričko upravljanje strojevima — Terminološki rječnik
- ISO 2972:1979 en
Numerical control of machines — Symbols
Numeričko upravljanje strojevima — Simboli
- ISO 10303-49:1998 en
Industrial automation systems and integration — Product data representation and exchange — Part 49: Integrated generic resources: Process structure and properties
Sustavi industrijske automatizacije i integracija — Prikaz i razmjena podataka o proizvodu — 49. dio: Integrirani generički resursi: struktura i svojstva procesa
- ISO 13281:1997 en
Industrial automation systems — Manufacturing Automation Programming Environment (MAPLE) — Functional architecture
Sustavi industrijske automatizacije — Programsko okruženje automatizacije proizvodnje (MAPLE) — Arhitektura funkcija
- ISO/TR 13309:1995 en
Manipulating industrial robots — Informative guide on test equipment and metrology methods of operation for robot performance evaluation in accordance with ISO 9283
Manipulatorski industrijski roboti — Informativni vodič za ispitnu opremu i mjeriteljske metode u provedbi izvedbene evaluacije robota u skladu s ISO 9283
- ISO 13584-42:1998+Cor 1:2003 en
Industrial automation systems and integration — Parts library — Part 42: Description methodology: Methodology for structuring part families
Industrijski sustavi automatizacije i integracija — Knjižnica dijelova — 42. dio: Metodologija opisa: metodologija strukturiranja familija dijelova

HZN/TO 218, Drvo

- EN 599-1:2009 en
Durability of wood and wood-based products — Efficacy of preventive wood preservatives as determined by biological tests — Part 1: Specification according to use class
Trajnost drva i proizvoda na osnovi drva — Učinkovitost sredstava za preventivnu zaštitu drva određenu biološkim ispitivanjima — 1. dio: Specifikacija u skladu s uporabnim razredom
- EN 975-1:2009 en
Sawn timber — Appearance grading of hardwoods — Part 1: Oak and beech
Piljeno drvo — Razvrstavanje prema kakvoći listača — 1. dio: Hrast i bukva

- EN 1309-2:2006 en
Round and sawn timber — Method of measurement of dimensions — Part 2: Round timber — Requirements for measurement and volume calculation rules
Oblo i piljeno drvo — Metoda mjerenja dimenzija — 2. dio: Oblo drvo — Zahtjevi za pravila proračuna mjera i volumena
- EN 13226:2009 en
Wood flooring — Solid parquet elements with grooves and/or tongues
Drvene podne obloge — Masivne parketne daske s utorima i/ili perima
- EN 13696:2008 en
Wood flooring — Test methods to determine elasticity and resistance to wear and impact resistance
Drvene podne obloge — Ispitne metode za određivanje elastičnosti i otpornosti na habanje i udare
- CEN/TR 15314:2006 en
Durability of wood and wood-based products — Quantitative determination of quaternary ammonium compounds in wood
Trajnost drva i proizvoda na osnovi drva — Kvantitativno određivanje amonij-4 sastojaka u drvu
- CEN/TS 15397:2006 en
Wood preservatives — Method for natural preconditioning out of ground contact of treated wood specimens prior to biological laboratory test
Sredstva za zaštitu drva — Metoda prirodnog predkondicioniranja uzoraka tretiranog drva bez dodira sa zemljom prije biološkoga laboratorijskog ispitivanja
- EN 15644:2008 en
Traditionally designed prefabricated stairs made of solid wood — Specifications and requirements
Tradicionalno oblikovane predgotovljene stepenice izrađene iz masivnog drva — Specifikacije i zahtjevi
- CEN/TS 15676:2007 en
Wood flooring — Slip resistance — Pendulum test
Drvene podne obloge — Otpornost na klizanje — Ispitivanje klatnom

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

- EN ISO 6145-6:2008 en
Gas analysis — Preparation of calibration gas mixtures using dynamic volumetric methods — Part 6: Critical orifices (ISO 6145-6:2003)
- EN ISO 6326-1:2009 en
Natural gas — Determination of sulfur compounds — Part 1: General introduction (ISO 6326-1:2007)
Prirodni plin — Određivanje sumpornih spojeva — 1. dio: Opći uvod (ISO 6326-1:2007)
- EN ISO 10414-1:2008 en
Petroleum and natural gas industries — Field testing of drilling fluids — Part 1: Water-based fluids (ISO 10414-1:2008)
Industrija nafte i prirodnog plina — Ispitivanje tekućina za izradu bušotina u terenskim uvjetima — 1. dio: Tekućine na bazi vode (ISO 10414-1:2008)
- EN ISO 12213-1:2009 en
Natural gas — Calculation of compression factor — Part 1: Introduction and guidelines (ISO 12213-1:2006)
Prirodni plin — Proračun faktora stlačivosti — 1. dio: Uvod i smjernice (ISO 12213-1:2006)
- EN ISO 12213-2:2009 en
Natural gas — Calculation of compression factor — Part 2: Calculation using molar-composition analysis (ISO 12213-2:2006)
Prirodni plin — Proračun faktora stlačivosti — 2. dio: Proračun uporabom analiza molarnog sastava (ISO 12213-2:2006)
- EN ISO 12213-3:2009 en
Natural gas — Calculation of compression factor — Part 3: Calculation using physical properties (ISO 12213-3:2006)
Prirodni plin — Proračun faktora stlačivosti — 3. dio: Proračun uporabom fizikalnih svojstava (ISO 12213-3:2006)
- EN 13942:2009 en
Petroleum and natural gas industries — Pipeline transportation systems — Pipeline valves (ISO 14313:2007, MOD)
Industrija nafte i prirodnog plina — Sustavi transporta cjevovodima — Zaporni uređaji za cjevovode (ISO 14313:2007, MOD)
- EN ISO 14310:2008 en
Petroleum and natural gas industries — Downhole equipment — Packers and bridge plugs (ISO 14310:2008)

- Industrija nafte i prirodnog plina — Bušotinska oprema — Brtvljeni sklopovi (pakeri) i mehanički čepovi (ISO 14310:2008)
- EN ISO 14532:2005 en
Natural gas — Vocabulary (ISO 14532:2001+Cor 1:2002)
Prirodni plin — Rječnik (ISO 14532:2001+Cor 1:2002; EN ISO 14532:2005)
- EN ISO 14691:2008 en
Petroleum, petrochemical and natural gas industries — Flexible couplings for mechanical power transmission — General-purpose applications (ISO 14691:2008)
- EN ISO 14723:2009 en
Petroleum and natural gas industries — Pipeline transportation systems — Subsea pipeline valves (ISO 14723:2009)
Industrija nafte i prirodnog plina — Sustav transporta cjevovodima — Zaporni uređaji na podmorskim cjevovodima (ISO 14723:2009)
- EN ISO 15136-1:2009 en
Petroleum and natural gas industries — Progressing cavity pump systems for artificial lift — Part 1: Pumps (ISO 15136-1:2009)
- EN ISO 15156-1:2009 en
Petroleum and natural gas industries — Materials for use in H₂S-containing environments in oil and gas production — Part 1: General principles for selection of cracking-resistant materials (ISO 15156-1:2009)
Industrija nafte i prirodnog plina — Materijali za korištenje u okolišu koji sadrži H₂S u proizvodnji nafte i plina — 1. dio: Opća načela za odabir materijala otpornih na pukotinsku koroziju (ISO 15156-1:2009)
- EN ISO 15156-2:2009 en
Petroleum and natural gas industries — Materials for use in H₂S-containing environments in oil and gas production — Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons (ISO 15156-2:2009)
- EN ISO 15156-3:2009 en
Petroleum and natural gas industries — Materials for use in H₂S-containing environments in oil and gas production — Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys (ISO 15156-3:2009)

HZN/TO 550, *Opskrba vodom*

- EN 899:2009 en
Chemicals used for treatment of water intended for human consumption — Sulphuric acid
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Sumporna kiselina
- EN 902:2009 en
Chemicals used for treatment of water intended for human consumption — Hydrogen peroxide
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Vodikov peroksid
- EN 937:2009 en
Chemicals used for treatment of water intended for human consumption — Chlorine
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Klor
- EN 938:2009 en
Chemicals used for treatment of water intended for human consumption — Sodium chlorite
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Natrijev klorit
- EN 939:2009 en
Chemicals used for treatment of water intended for human consumption — Hydrochloric acid
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Klorovodična kiselina
- EN 973:2009 en
Chemicals used for treatment of water intended for human consumption — Sodium chloride for regeneration of ion exchangers
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Natrijev klorid za regeneraciju ionskih izmjenjivača
- EN 1405:2009 en
Chemicals used for treatment of water intended for human consumption — Sodium alginate
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Natrijev alginat

- EN 1406:2009 en
Chemicals used for treatment of water intended for human consumption — Modified starches
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Modificirani škrobovi
- EN 12671:2009 en
Chemicals used for treatment of water intended for human consumption — Chlorine dioxide generated in situ
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Klorov dioksid proizveden in situ
- EN 12876:2009 en
Chemicals used for treatment of water intended for human consumption — Oxygen
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Kisik
- EN 12903:2009 en
Products used for the treatment of water intended for human consumption — Powdered activated carbon
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Aktivni ugljen u prahu
- EN 12907:2009 en
Products used for treatment of water intended for human consumption — Pyrolyzed coal material
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Pirolizirani ugljeni materijal
- EN 12915-1:2009 en
Products used for the treatment of water intended for human consumption — Granular activated carbon — Part 1: Virgin granular activated carbon
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Aktivni ugljen u granulama — 1. dio: Djevičanski aktivni ugljen u granulama
- EN 12915-2:2009 en
Products used for the treatment of water intended for human consumption — Granular activated carbon — Part 2: Reactivated granular activated carbon
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Aktivni ugljen u granulama — 2. dio: Reaktivirani aktivni ugljen u granulama
- EN 13752:2009 en
Products used for treatment of water intended for human consumption — Manganese dioxide
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Manganov dioksid
- EN 13753:2009 en
Products used for treatment of water intended for human consumption — Granular activated alumina
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Aktivna alumina u granulama
- EN 13754:2009 en
Products used for treatment of water intended for human consumption — Bentonite
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Bentonit

HZN/TO 558, *Zaštita dišnih putova*

- EN 149:2001+A1:2009 en
Respiratory protective devices — Filtering half masks to protect against particles — Requirements, testing, marking
Zaštitne naprave za disanje — Filtarska polumaska za zaštitu od čestica — Zahtjevi, ispitivanje, označavanje
- EN 405:2001+A1:2009 en
Respiratory protective devices — Valved filtering half masks to protect against gases or gases and particles — Requirements, testing, marking
Zaštitne naprave za disanje — Filtarska polumaska s ventilima za zaštitu od plinova ili plinova i čestica — Zahtjevi, ispitivanje, označavanje
- EN 1827:1999+A1:2009 en
Respiratory protective devices — Half masks without inhalation valves and with separable filters to protect against gases or gases and particles or particles only — Requirements, testing, marking
Zaštitne naprave za disanje — Polumaska bez ventila za udah s odvojivim filtrima za zaštitu od plinova, plinova i čestica ili samo čestica — Zahtjevi, ispitivanje, označavanje
- EN 12941:1998/A2:2008 en
Respiratory protective devices — Powered filtering devices incorporating a helmet or a hood — Requirements, testing, marking
Zaštitne naprave za disanje — Filtarske naprave s upuhivanjem s kacigom ili kapuljačom — Zahtjevi, ispitivanje, označavanje

- EN 12942:1998/A2:2008 en
Respiratory protective devices — Power assisted filtering devices incorporating full face masks, half masks or quarter masks — Requirements, testing, marking
Zaštitne naprave za disanje — Filtarske naprave s upuhivanjem s maskom za cijelo lice, polumaskom ili četvrtmaskom — Zahtjevi, ispitivanje, označavanje
- EN 15333-2:2009 en
Respiratory equipment — Open-circuit umbilical supplied compressed gas diving apparatus — Part 2: Free flow apparatus
Oprema za disanje — Cijevni ronilački uređaji za disanje s otvorenim krugom sa stlačenim plinom — 2. dio: Uređaji sa kontinuiranim protokom

HZN/TO E22, Energetska elektronika

- EN 61204-7:2006/A11:2009 en
Low voltage power supplies, d.c. output — Part 7: Safety requirements
Niskonaponski napajajući s istosmjernim izlazom — 7. dio: Zahtjevi na sigurnost
- EN 62501:2009 en
Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission — Electrical testing (IEC 62501:2009)
Ventili za pretvarače s naponskim ulazom (VSC) za prijenos energije istosmjernom strujom visokog napona (HVDC) — Električno ispitivanje (IEC 62501:2009)

HZN/TO E38, Mjerni transformatori

- EN 61869-1:2009 en
Instrument transformers — Part 1: General requirements (IEC 61869-1:2007, MOD)
Mjerni transformatori — 1. dio: Opći zahtjevi (IEC 61869-1:2007, MOD)

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

- HD 60364-5-51:2009 en
Electrical installations of buildings — Part 5-51: Selection and erection of electrical equipment — Common rules (IEC 60364-5-51:2005, MOD)
Električne instalacije zgrada — Dio 5-51: Odabir i ugradba električne opreme — Zajednička pravila (IEC 60364-5-51:2005, MOD)
- HD 60364-7-708:2009 en
Low-voltage electrical installations — Part 7-708: Requirements for special installations or locations — Caravan parks, camping parks and similar locations (IEC 60364-7-708:2007, MOD)
Niskonaponske električne instalacije — Dio 7-708: Zahtjevi za posebne instalacije i prostore — Kampovi za stambene autoprikolice i slični prostori (IEC 60364-7-708:2007, MOD)
- HD 60364-7-709:2009 en
Low-voltage electrical installations — Part 7-709: Requirements for special installations or locations — Marinas and similar locations (IEC 60364-7-709:2007, MOD)
Niskonaponske električne instalacije — Dio 7-709: Zahtjevi za posebne instalacije i prostore — Marine i slični prostori (IEC 60364-7-709:2007, MOD)
- HD 60364-7-721:2009 en
Low voltage electrical installations — Part 7-21: Requirements for special installations or locations — Electrical installations in caravans and motor caravans (IEC 60364-7-721:2007, MOD)
Niskonaponske električne instalacije — Dio 7-21: Zahtjevi za posebne instalacije i prostore — Električne instalacije u stambenim autoprikolicama i motornim stambenim autoprikolicama (IEC 60364-7-721:2007, MOD)
- HD 60364-7-729:2009 en
Low voltage electrical installations — Part 7-29: Requirements for special installations or locations — Operating or maintenance gangways (IEC 60364-7-729:2007, MOD+Corr:2008)
Niskonaponske električne instalacije — Dio 7-29: Zahtjevi za posebne instalacije i prostore — Prolazi za pogon i održavanje (IEC 60364-7-729:2007, MOD+Corr:2008)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

- EN 50173-1:2007/A1:2009 en
Information technology — Generic cabling systems — Part 1: General requirements

Informacijska tehnologija — Generički sustavi kabliranja — 1. dio: Opći zahtjevi

- EN 50174-1:2009 en
Information technology — Cabling installation — Part 1: Installation specification and quality assurance
Informacijska tehnologija — Instalacija kabliranja — 1. dio: Specifikacija instalacije i osiguranje kvalitete
- EN 50174-2:2009 en
Information technology — Cabling installation — Part 2: Installation planning and practices inside buildings
Informacijska tehnologija — Instalacija kabliranja — 2. dio: Planiranje instalacije i instalacijska praksa unutar zgrada
- EN 50346:2002/A2:2009 en
Information technology — Cabling installation — Testing of installed cabling
Informacijska tehnologija — Instalacija kabliranja — Ispitivanje instaliranog kabliranja

HZN/TO T4, Normizacija u telekomunikacijama

- EN 300 065-2 V1.2.1:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) — Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX) — Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) — Uskopojasna telegrafska oprema s izravnim ispisom za prijam meteoroloških ili navigacijskih obavijesti (NAVTEX) — 2. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve članka 3.2 direktive R&TTE
- EN 300 065-3 V1.2.1:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) — Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX) — Part 3: Harmonized EN covering the essential requirements of article 3.3 (e) of the R&TTE directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) — Uskopojasna telegrafska oprema s izravnim ispisom za prijam meteoroloških ili navigacijskih obavijesti (NAVTEX) — 3. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve članka 3.3 (e) direktive R&TTE
- EN 301 166-2 V1.2.3:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) — Land mobile service — Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector — Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) — Kopnena pokretna služba — Radijska oprema za analognu i/ili digitalnu komunikaciju (govor i/ili podatci) koja radi na uskopojasnim kanalima i ima antenski spojnik — 2. dio: Harmonizirana EN norma, obuhvaća bitne zahtjeve članka 3.2 direktive R&TTE
- EN 301 406 V2.1.1:2009 en
Digital enhanced cordless telecommunications (DECT) — Harmonized EN for digital enhanced cordless telecommunications (DECT) covering the essential requirements under article 3.2 of the R&TTE directive — Generic radio
Digitalne poboljšane bežične telekomunikacije (DECT) — Harmonizirana EN norma za digitalne poboljšane bežične telekomunikacije (DECT) obuhvaća bitne zahtjeve članka 3.2 direktive R&TTE — Generički radio
- EN 301 489-4 V1.4.1:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) — Electromagnetic compatibility (EMC) standard for radio equipment and services — Part 4: Specific conditions for fixed radio links — Broadband data transmission system base stations, ancillary equipment and services
Elektromagnetska kompatibilnost i radijski spektar (ERM) — Norma elektromagnetske kompatibilnosti (EMC) za radijsku opremu i službe — 4. dio: Posebni uvjeti za nepokretne radiolinkove — Bazne postaje, pomoćna oprema i usluge širokopojasnog sustava za prijenos podataka
- EN 301 489-17 V2.1.1:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) — Electromagnetic compatibility (EMC) standard for radio equipment — Part 17: Specific conditions for broadband data transmission systems
Elektromagnetska kompatibilnost i radijski spektar (ERM) — Norma elektromagnetske kompatibilnosti (EMC) za radijsku opremu — 17. dio: Posebni uvjeti za sustave širokopojasnog prijenosa podataka

- EN 301 839-2 V1.3.1:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) – Short range devices (SRD) – Ultra low power active medical implants (ULP-AMI) and peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz – Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uredaji kratkoga dometa (SRD) – Aktivni implantati (ULP-AMI) i periferne jedinice (ULP-AMI-P) ultra niske snage, koji rade u frekventijskom području 402 MHz do 405 MHz – 2. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve članka 3.2 direktive R&TTE
- EN 301 908-10 V4.1.1:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) – Base stations (BS), repeaters and user equipment (UE) for IMT-2000 third-generation cellular networks – Part 10: Harmonized EN for IMT-2000, FDMA/TDMA (DECT) covering essential requirements of article 3.2 of the R&TTE directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Bazne postaje (BS), repetitori i korisnička oprema (UE) za IMT-2000 treću generaciju celularnih mreža – 10. dio: Harmonizirana EN norma za IMT-2000, FDMA/TDMA (DECT) obuhvaća bitne zahtjeve članka 3.2 direktive R&TTE
- EN 302 217-3 V1.3.1:2009 en
Fixed radio systems – Characteristics and requirements for point-to-point equipment and antennas – Part 3: Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene točka-točka – 3. dio: Oprema koja radi u frekventijskim pojasevima s koordinacijom frekvencija ili bez nje – Harmonizirana EN norma obuhvaća bitne zahtjeve članka 3.2 direktive R&TTE
- EN 302 264-2 V1.1.1:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) – Short range devices – Road transport and traffic telematics (RTTT) – Short range radar equipment operating in the 77 GHz to 81 GHz band – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uredaji kratkoga dometa – Telematika cestovnog prijevoza i prometa (RTTT) – Oprema radara kratkoga dometa u pojasu 77 GHz do 81 GHz – 2. dio: Harmonizirana EN norma obuhvaća bitne zahtjeve članka 3,2 direktive R&TTE
- EN 302 625 V1.1.1:2009 en
Electromagnetic compatibility and radio spectrum matters (ERM) – 5 GHz broadband disaster relief applications (BBDR) – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Širokopojasne primjene u frekventijskom pojasu 5 GHz u svrhu spašavanja (BBDR) – Harmonizirana EN norma obuhvaća bitne zahtjeve članka 3.2 direktive R&TTE

HZN/TU I1, *Strojarstvo 1*

- EN 930:1997+A2:2009 en
Footwear, leather and imitation leather goods manufacturing machines – Roughing, scouring, polishing and trimming machines – Safety requirements
- EN 931:1997+A2:2009 en
Footwear manufacturing machines – Lasting machines – Safety requirements
- EN ISO 11102-1:2009 en
Reciprocating internal combustion engines – Handle starting equipment – Part 1: Safety requirements and tests (ISO 11102-1:1997)
- EN ISO 11102-2:2009 en
Reciprocating internal combustion engines – Handle starting equipment – Part 2: Method of testing the angle of disengagement (ISO 11102-2:1997)
- EN 12044:2005+A1:2009 en
Footwear, leather and imitation leather goods manufacturing machines – Cutting and punching machines – Safety requirements
- EN 12203:2003+A1:2009 en
Footwear, leather and imitation leather goods manufacturing machines – Shoe and leather presses – Safety requirements
- EN 12387:2005+A1:2009 en
Footwear, leather and imitation leather goods manufacturing machines – Modular shoe repair equipment – Safety requirements

- EN 12545:2000+A1:2009 en
Footwear, leather and imitation leather goods manufacturing machines – Noise test code – Common requirements
- EN 12547:1999+A1:2009 en
Centrifuges – Common safety requirements
- EN 12653:1999+A2:2009 en
Footwear, leather and imitation leather goods manufacturing machines – Nailing machines – Safety requirements

HZN/TU N1, *Nemetalni materijali 1*

- EN 14232:2009 en
Advanced technical ceramics – Terms, definitions and abbreviations
- EN 14774-1:2009 en
Solid biofuels – Determination of moisture content – Oven dry method – Part 1: Total moisture – Reference method
- EN 14774-2:2009 en
Solid biofuels – Determination of moisture content – Oven dry method – Part 2: Total moisture – Simplified method
- EN 14774-3:2009 en
Solid biofuels – Determination of moisture content – Oven dry method – Part 3: Moisture in general analysis sample
- EN 14775:2009 en
Solid biofuels – Determination of ash content
- EN 14918:2009 en
Solid biofuels – Determination of calorific value
- EN 15103:2009 en
Solid biofuels – Determination of bulk density
- EN 15148:2009 en
Solid biofuels – Determination of the content of volatile matter
- EN 15210-1:2009 en
Solid biofuels – Determination of mechanical durability of pellets and briquettes – Part 1: Pellets
- CEN/TR 15569:2009 en
Solid biofuels – A guide for a quality assurance system

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavoda za norme donosi odluku o povlačenju hrvatske norme kada je donesena nova hrvatska norma ili kada je postojeća hrvatska norma postala neprimjenjiva. Kada je koje područje uređeno propisima i neki od propisa (pravilnik, naredba, naputak) upućuje na norme koje su povučene, one se primjenjuju silom tih propisa i bit će, do izmjene propisa ili izradbe novih, na raspolaganju u Normoteci HZN-a.

HZN/TO 5, *Metalne cijevi i priključci*

- HRN EN 598:2008 en
Duktilne željezne cijevi, spojni dijelovi, pribor i njihovi spojevi za odvodnju otpadnih voda – Zahtjevi i postupci ispitivanja (EN 598:2007)
Ductile iron pipes, fittings, accessories and their joints for sewerage applications – Requirements and test methods (EN 598:2007)
- zamijenjena s: HRN EN 598:2009
- HRN EN 969:2001 en
Duktilne željezne cijevi, spojni dijelovi, pribor i njihovi spojevi za plinske cjevovode – Zahtjevi i postupci ispitivanja (EN 969:1995)
Ductile iron pipes, fittings, accessories and their joints for gas pipelines – Requirements and test methods (EN 969:1995)
- zamijenjena s: HRN EN 969:2009
- HRN EN 969/A1:2007 en
Duktilne željezne cijevi, spojni dijelovi, pribor i njihovi spojevi za plinske cjevovode – Zahtjevi i metode ispitivanja (EN 969:1995/A1:1998)
Ductile iron pipes, fittings, accessories and their joints for gas pipelines – Requirements and test methods (EN 969:1995/A1:1998)
- zamijenjena s: HRN EN 969:2009
- HRN EN 1591-1:2002 en
Prirubnice i njihovi spojevi – Pravila za projektiranje prirubničkih spojeva s kružnim brtvama – 1. dio: Postupak proračuna (EN 1591-1:2001)
Flanges and their joints – Design rules for gasketed circular flange connections – Part 1: Calculation method (EN 1591-1:2001)
- zamijenjena s: HRN EN 1591-1:2009

HZN/TO 8, *Brodogradnja*

- HRN EN 280:2008 en
Pokretne podizne radne platforme – Projektni proračuni – Kriteriji stabilnosti – Konstrukcija – Sigurnost – Ispitivanja i pokusi (EN 280:2001+A1:2004)
Mobile elevating work platforms – Design calculations – Stability criteria – Construction – Safety – Examinations and tests (EN 280:2001+A1:2004)
- zamijenjena s: HRN EN 280:2009
- HRN EN 1398:2004 en
Prilagodljive platforme (EN 1398:1997)
Dock levellers (EN 1398:1997)
- zamijenjena s: HRN EN 1398:2009
- HRN EN 1493:2004 en
Dizalice za vozila (EN 1493:1998)
Vehicle lifts (EN 1493:1998)
- zamijenjena s: HRN EN 1493:2009
- HRN EN 1494:2004 en
Pokretne ili prenosive podne dizalice i pripadajuća podizna oprema (EN 1494:2000)
Mobile or movable Jacks and associated lifting equipment (EN 1494:2000)
- zamijenjena s: HRN EN 1494:2009
- HRN EN 1495:2004 en
Podizne platforme – Stupne radne platforme (EN 1495:1997+AC:1997+A1:2003)
Lifting platforms – Mast climbing work platforms (EN 1495:1997+AC:1997+A1:2003)
- zamijenjena s: HRN EN 1495:2009
- HRN EN 1570:2004 en
Zahtjevi za sigurnost za podizne stolove (EN 1570:1998)
Safety requirements for lifting tables (EN 1570:1998)
- zamijenjena s: HRN EN 1570:2009
- HRN EN 1570:2004/A1:2008 en
Zahtjevi za sigurnost za podizne stolove (EN 1570:1998/A1:2004)
Safety requirements for lifting tables (EN 1570:1998/A1:2004)
- zamijenjena s: HRN EN 1570:2009
- HRN EN 1756-2:2004 en
Stražnja dizala – Platformna dizala za ugradnju na vozilima na kotačima – Zahtjevi za sigurnost – 2. dio: Stražnje putničko dizalo (dizalo za prijevoz osoba/osobno dizalo) (EN 1756-2:2004)
Tail lifts – Platform lifts for mounting on wheeled vehicles – Safety requirements – Part 2: Tail lifts for passengers (EN 1756-2:2004)
- zamijenjena s: HRN EN 1756-2:2009
- HRN EN 1914:2004 en
Plovila unutarnje plovidbe – Brodski čamci (EN 1914:1997)
Inland navigation vessels – Ship's boats (EN 1914:1997)
- zamijenjena s: HRN EN 1914:2009
- HRN EN 13573:2001 en
Sustavi sidrenja, prikapčanja, tegljenja, pritezanja i vezivanja (EN 13573:2001)
Anchoring, coupling, towing, hauling and mooring systems (EN 13573:2001)
- zamijenjena s: HRN EN 13573:2009
- HRN EN 14010:2008 en
Safety of machinery – Equipment for power driven parking of motor vehicles – Safety and EMC requirements for design, manufacturing, erection and commissioning stages (EN 14010:2003)
- zamijenjena s: HRN EN 14010:2009
- HRN EN 14504:2004 en
Plovila unutarnje plovidbe – Plutajuća privezišta – Zahtjevi, ispitivanja (EN 14504:2004)
Inland navigation vessels – Floating landing stages – Requirements, tests (EN 14504:2004)
- zamijenjena s: HRN EN 14504:2009

HZN/TO 21/PO 4, *Protupožarna i vatrogasna oprema; Stabilni sustavi za gašenje požara*

- HRN EN 12845:2007 en
Protupožarni sustavi – Automatski sustavi za prskanje (sprinkler sustavi) – Projektiranje, ugradnja i održavanje (EN 12845:2004)
Fixed firefighting systems – Automatic sprinkler systems – Design, installation and maintenance (EN 12845:2004)
- zamijenjena s: HRN EN 12845:2009

HZN/TO 34/PO 5, *Poljoprivredni i prehrambeni proizvodi; Mlijeko i mliječni proizvodi*

- HRN ISO 2446:1999 en
Mlijeko – Određivanje količine masti (Rutinska metoda) (ISO 2446:1976)
Milk – Determination of fat content (Routine method) (ISO 2446:1976)
- zamijenjena s: HRN ISO 2446:2009
- HRN ISO 3356:1999 en
Mlijeko i mlijeko u prahu, mlačenica i mlačenica u prahu, sirutka i sirutka u prahu – Određivanje aktivnosti fosfataze (Referentna metoda) (ISO 3356:1975)
Milk and dried milk, buttermilk and buttermilk powder, whey and whey powder – Determination of phosphatase activity (Reference method) (ISO 3356:1975)
- zamijenjena s: HRN ISO 3356:2009
- HRN ISO 3433:1999 en
Sir – Određivanje količine masti – Van Gulikova metoda (ISO 3433:1975)
Cheese – Determination of fat content – Van Gulik method (ISO 3433:1975)
- zamijenjena s: HRN ISO 3433:2009
- HRN ISO 5544:1999 en
Kazeini – Određivanje "vezanog pepela" (Referentna metoda) (ISO 5544:1978)
Caseins – Determination of "fixed ash" (Reference method) (ISO 5544:1978)
- zamijenjena s: HRN ISO 5544:2009
- HRN ISO 5545:1999 en
Sirišni kazeini i kazeinati – Određivanje pepela (Referentna metoda) (ISO 5545:1978)
Rennet caseins and caseinates – Determination of ash (Reference method) (ISO 5545:1978)
- zamijenjena s: HRN ISO 5545:2009
- HRN ISO 5547:1999 en
Kazeini – Određivanje slobodne kiselosti (Referentna metoda) (ISO 5547:1978)
Caseins – Determination of free acidity (Reference method) (ISO 5547:1978)
- zamijenjena s: HRN ISO 5547:2009

HZN/TO 34/PO 7, *Poljoprivredni i prehrambeni proizvodi; Kava, čaj, mirodije i začini*

- HRN ISO 676:2000 hr,en,fr
Mirodije i začini – Botanička nomenklatura (ISO 676:1995)
Spices and condiments – Botanical nomenclature (ISO 676:1995)
- zamijenjena s: HRN EN ISO 676:2009
- HRN ISO 948:2001 en
Mirodije i začini – Uzorkovanje (ISO 948:1980)
Spices and condiments – Sampling (ISO 948:1980)
- zamijenjena s: HRN EN ISO 948:2009
- HRN ISO 6465:2001 en
Cijeli kumin (Cuminum cyminum Linnaeus) – Specifikacija (ISO 6465:1984)
Whole cumin (Cuminum cyminum Linnaeus) – Specification (ISO 6465:1984)
- zamijenjena s: HRN EN ISO 6465:2009
- HRN ISO 6571:2008 en
Mirodije, začini i bilje – Određivanje sadržaja hlapljivih ulja (metoda destilacije vodom) (ISO 6571:2008)
Spices, condiments and herbs – Determination of volatile oil content (hydrodistillation method) (ISO 6571:2008)
- zamijenjena s: HRN EN ISO 6571:2009

HZN/TO 92/PO 1, *Zaštita od požara; Reakcija na požar*

- HRN EN 13501-5:2008 en
Razredba građevnih proizvoda i građevnih elemenata prema ponašanju u požaru – 5. dio: Razredba prema rezultatima ispitivanja izloženosti krovova požaru izvana (EN 13501-5:2005+AC:2008)
Fire classification of construction products and building elements – Part 5: Classification using data from external fire exposure to roofs tests (EN 13501-5:2005+AC:2008)
- zamijenjena s: HRN EN 13501-5:2009

HZN/TO 116, Uređaji i oprema za izmjenu topline

- HRN ISO 3150:2008 en
Radijatori, konvektori i slični aparati – Proračun toplinskog učinka i prikazivanje rezultata (ISO 3150:1975)
Radiators, convectors and similar appliances – Calculation of thermal output and presentation of results (ISO 3150:1975)
- bez zamjene
- HRN EN 12815:2004/A1:2008/Ispr.1:2008 en
Štednjaci na kruta goriva – Zahtjevi i metode ispitivanja (EN 12815:2001/A1:2004/AC:2006)
Residential cookers fired by solid fuel – Requirements and test methods (EN 12815:2001/A1:2004/AC:2006)
- zamijenjena s: HRN EN 12815:2004/A1:2008/Ispr.2:2008
- HRN EN 13229:2004/A2:2008/Ispr.1:2008 en
Kamini za ugradnju i otvoreni kamini na kruta goriva – Zahtjevi i metode ispitivanja (EN 13229:2001/A2:2004/AC:2006)
Inset appliances including open fires fired by solid fuels – Requirements and test methods (EN 13229:2001/A2:2004/AC:2006)
- zamijenjena s: HRN EN 13229:2004/A2:2008/Ispr.2:2008
- HRN EN 13240:2004/A2:2008/Ispr.1:2008 en
Grijalice prostora na kruto gorivo – Zahtjevi i metode ispitivanja (EN 13240:2001/A2:2004/AC:2006)
Room heaters fired by solid fuel – Requirements and test methods (EN 13240:2001/A2:2004/AC:2006)
- zamijenjena s: HRN EN 13240:2004/A2:2008/Ispr.2:2008

HZN/TO 147/PO 2, Kakvoća vode; Fizikalno-kemijske metode ispitivanja

- HRN ISO 7150-2:1998 en
Kakvoća vode – Određivanje amonija – 2. dio: Automatska spektrometrijska metoda (ISO 7150-2:1986)
Water quality – Determination of ammonium – Part 2: Automated spectrometric method (ISO 7150-2:1986)
- bez zamjene
- HRN ISO 7890-1:1998 en
Kakvoća vode – Određivanje nitrata – 1. dio: Spektrometrijska metoda s 2,6-dimetilfenolom (ISO 7890-1:1986)
Water quality – Determination of nitrate – Part 1: 2,6-Dimethylphenol spectrometric method (ISO 7890-1:1986)
- bez zamjene
- HRN ISO 7890-2:1998 en
Kakvoća vode – Određivanje nitrata – 2. dio: Spektrometrijska metoda s 4-fluorofenolom nakon destilacije (ISO 7890-2:1986)
Water quality – Determination of nitrate – Part 2: 4-Fluorophenol spectrometric method after distillation (ISO 7890-2:1986)
- bez zamjene
- HRN ISO 9280:1998 en
Kakvoća vode – Određivanje sulfata – Gravimetrijska metoda s barijevim kloridom (ISO 9280:1990)
Water quality – Determination of sulfate – Gravimetric method using barium chloride (ISO 9280:1990)
- bez zamjene
- HRN ISO 10048:2001 en
Kakvoća vode – Određivanje dušika – Katalitička digestija nakon redukcije Devardovom slitinom (ISO 10048:1991)
Water quality – Determination of nitrogen – Catalytic digestion after reduction with Devarda's alloy (ISO 10048:1991)
- bez zamjene
- HRN EN ISO 10304-1:1998 en
Kakvoća vode – Određivanje otopljenih fluorida, klorida, nitrata, ortofosfata, bromida, nitrata i sulfata pomoću ionske tekućinske kromatografije – 1. dio: Metoda za slabo zagađene vode (ISO 10304-1:1992; EN ISO 10304-1:1995)
Water quality – Determination of dissolved fluoride, chloride, nitrite, orthophosphate, bromide, nitrate and sulfate ions, using liquid chromatography of ions – Part 1: Method for water with low contamination (ISO 10304-1:1992; EN ISO 10304-1:1995)
- zamijenjena s: HRN EN ISO 10304-1:2009
- HRN EN ISO 10304-2:1998 en
Kakvoća vode – Određivanje otopljenih aniona ionskom tekućinskom kromatografijom – 2. dio: Određivanje bromida, klorida, nitrata, nitrata, ortofosfata i sulfata u otpadnoj vodi (ISO 10304-2:1995; EN ISO 10304-2:1996)
Water quality – Determination of dissolved anions by liquid chromatography of ions – Part 2: Determination of bromide, chloride, nitrate, nitrite, orthophosphate and sulfate in waste water (ISO 10304-2:1995; EN ISO 10304-2:1996)
- zamijenjena s: HRN EN ISO 10304-1:2009

- HRN ISO 10523:1998 en
Kakvoća vode – Određivanje pH vrijednosti (ISO 10523:1994)
Water quality – Determination of pH (ISO 10523:1994)
- zamijenjena s: HRN ISO 10523:2009

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

- HRN EN 12159:2001 en
Građevna dizala za transport osoba i materijala s okomito vodenom voznom košarom (EN 12159:2000)
Builders hoists for persons and materials with vertically guided cages (EN 12159:2000)
- zamijenjena s: HRN EN 12159:2009

HZN/TO 508, Ambalaža i pakiranje

- HRN EN 12374:2001 en
Ambalaža – Savitljive tube – Nazivlje (EN 12374:1998)
Packaging – Flexible tubes – Terminology (EN 12374:1998)
- zamijenjena s: HRN EN 12374:2009
- HRN EN 12375:2004 en
Ambalaža – Savitljive aluminijske tube – Metoda određivanja debljine stijenke (EN 12375:1998)
Packaging – Flexible aluminium tubes – Wall thickness determination method (EN 12375:1998)
- zamijenjena s: HRN EN 12375:2009
- HRN EN 12707:2004 en
Plastične bačve – Bačve s neodvojivim poklopcem nazivnog obujma 210 l, 220 l i 225 l (EN 12707:1999)
Plastics drums – Non-removable head (tight head) drums with a nominal capacity of 210 l, 220 l and 225 l (EN 12707:1999)
- zamijenjena s: HRN EN 12707:2009
- HRN EN 12714:2004 en
Plastične bačve – Bačve s odvojivim poklopcem nazivnog obujma od 25 l do 220 l (EN 12714:2000)
Plastics drums – Removable head (open head) drums with a nominal capacity of 25 l to 220 l (EN 12714:2000)
- zamijenjena s: HRN EN 12714:2009
- HRN EN 13045:2001 en
Ambalaža – Savitljive valjkaste plastične tube – Dimenzije i dopuštena odstupanja (EN 13045:2000)
Packaging – Flexible cylindrical plastic tubes – Dimensions and tolerances (EN 13045:2000)
- zamijenjena s: HRN EN 13045:2009
- HRN EN 13048:2001 en
Ambalaža – Savitljive aluminijske tube – Metode mjerenja debljine sloja unutarnjeg laka (EN 13048:2000)
Packaging – Flexible aluminium tubes – Internal lacquer film thickness measurement method (EN 13048:2000)
- zamijenjena s: HRN EN 13048:2009
- HRN EN 13461:2001 en
Ambalaža – Valjkaste savitljive višeslojne tube – Dimenzije i dopuštena odstupanja (EN 13461:2001)
Packaging – Cylindrical flexible laminated tubes – Dimensions and tolerances (EN 13461:2001)
- zamijenjena s: HRN EN 13461:2009
- HRN EN 13698-2:2004 en
Proizvodna specifikacija za palete – 2. dio: Konstrukcijska specifikacija za plošne drvene palete dimenzija 1000 mm x 1200 mm (EN 13698-2:2003)
Pallet production specification – Part 2: Construction specification for 1000 mm x 1200 mm flat wooden pallets (EN 13698-2:2003)
- zamijenjena s: HRN EN 13698-2:2009
- HZN/TO 509, Cestovna oprema**
- HRN EN 1463-1:2001 en
Materijali za oznake na kolniku – Reflektirajuće oznake na kolniku – 1. dio: Svojstva, osnovni zahtjevi (EN 1463-1:1997)
Road marking materials – Retroreflecting road studs – Part 1: Initial performance requirements (EN 1463-1:1997)
- zamijenjena s: HRN EN 1463-1:2009
- HRN EN 1463-1/A1:2004 en
Materijali za oznake na kolniku – Reflektirajuće oznake na kolniku – 1. dio: Svojstva, osnovni zahtjevi (EN 1463-1:1997/A1:2003)
Road marking materials – Retroreflecting road studs – Part 1: Initial performance requirements (EN 1463-1:1997/A1:2003)
- zamijenjena s: HRN EN 1463-1:2009

HRN EN 13422:2007 en
Vertikalna cestovna signalizacija – Prenosivi deformirajući uređaji i delineatori – Prenosivi prometni znakovi – Stošci i cilindri (EN 13422:2004)
Vertical road signs – Portable deformable warning devices and delineators – Portable road traffic signs – Cones and cylinders (EN 13422:2004)
- zamijenjena s: HRN EN 13422:2009

HZN/TO 524, Cestovni prijevoz i prometna telematika

HRN ISO/TR 14813-1:2003 en
Informacije o prometu i kontrolni sustavi – Referentni model arhitekture IPKS sektora – 1. dio: Temeljni servisi (ISO/TR 14813-1:1999)
Transport information and control systems – Reference model architecture(s) for the TICS sector – Part 1: TICS fundamental services (ISO/TR 14813-1:1999)
- zamijenjena s: HRN ISO 14813-1:2009

HRN EN ISO 15008:2008 en
Cestovna vozila – Ergonomski aspekti prometnih podataka i upravljačkih sustava – Specifikacije i postupci usklađivanja za vizualni prikaz u vozilu (ISO 15008:2003; EN ISO 15008:2003)
Road vehicles – Ergonomic aspects of transport information and control systems – Specifications and compliance procedures for in-vehicle visual presentation (ISO 15008:2003; EN ISO 15008:2003)
- zamijenjena s: HRN EN ISO 15008:2009

HRS CEN ISO/TS 17574:2008 en
Road transport and traffic telematics – Electronic Fee Collection (EFC) – Guidelines for EFC security protection profiles (CEN ISO/TS 17574:2004)
- zamijenjena s: HRS CEN ISO/TS 17574:2009

HZN/TO 525/PO 1, Hidroizolacijski materijali i proizvodi za pokrivanje krovova; Hidroizolacijski materijali

HRN EN 1847:2003 en
Savijljive hidroizolacijske trake – Plastične i elastomerne hidroizolacijske trake za krovove – Metode izlaganja tekućim kemikalijama uključujući vodu (EN 1847:2001)
Flexible sheets for waterproofing – Plastic and rubber sheets for roof waterproofing – Methods for exposure to liquid chemicals, including water (EN 1847:2001)
- zamijenjena s: HRN EN 1847:2009

HRN EN 1849-2:2002 en
Savijljive hidroizolacijske trake – Određivanje debljine i mase po jedinici površine – 2. dio: Plastične i elastomerne hidroizolacijske trake za krovove (EN 1849-2:2001)
Flexible sheets for waterproofing – Determination of thickness and mass per unit area – Part 2: Plastic and rubber sheets for roof waterproofing (EN 1849-2:2001)
- zamijenjena s: HRN EN 1849-2:2009

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Savijljive hidroizolacijske trake – Bitumenske hidroizolacijske krovne trake s uloškom – Definicije i značajke (EN 13707:2004)
Flexible sheets for waterproofing – Reinforced bitumen sheets for roof waterproofing – Definitions and characteristics (EN 13707:2004)
- zamijenjena s: HRN EN 13707:2009

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Savijljive hidroizolacijske trake – Bitumenske hidroizolacijske krovne trake s uloškom – Definicije i značajke (EN 13707:2004/A1:2006)
Flexible sheets for waterproofing – Reinforced bitumen sheets for roof waterproofing – Definitions and characteristics (EN 13707:2004/A1:2006)
- zamijenjena s: HRN EN 13707:2009

HZN/TO 528, Oprema za željeznice

HRS ENV 12299:2008 en
Oprema za željeznice – Udobnost vožnje putnika – Mjerenje i vrednovanje (ENV 12299:1999)
Railway applications – Ride comfort for passengers – Measurement and evaluation (ENV 12299:1999)
- zamijenjena s: HRN EN 12299:2009

HRN EN 13103:2007 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Slobodne osovine – Metode konstruiranja (EN 13103:2001)

Railway applications – Wheelsets and bogies – Non-powered axles – Design method (EN 13103:2001)
- zamijenjena s: HRN EN 13103:2009

HRN EN 13104:2007 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Pogonske osovine – Metode konstruiranja (EN 13104:2001)
Railway applications – Wheelsets and bogies – Powered axles – Design method (EN 13104:2001)
- zamijenjena s: HRN EN 13104:2009

HRN EN 13230-1:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 1. dio: Općeniti zahtjevi (EN 13230-1:2002)
Railway applications – Track – Concrete sleepers and bearers – Part 1: General requirements (EN 13230-1:2002)
- zamijenjena s: HRN EN 13230-1:2009

HRN EN 13230-2:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 2. dio: Prednapeti jednodijelni pragovi (EN 13230-2:2002)
Railway applications – Track – Concrete sleepers and bearers – Part 2: Prestressed monoblock sleepers (EN 13230-2:2002)
- zamijenjena s: HRN EN 13230-2:2009

HRN EN 13230-3:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 3. dio: Dvodijelni armirani pragovi (EN 13230-3:2002)
Railway applications – Track – Concrete sleepers and bearers – Part 3: Twin-block reinforced sleepers (EN 13230-3:2002)
- zamijenjena s: HRN EN 13230-3:2009

HRN EN 13230-4:2004 en
Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 4. dio: Prednapeti pragovi za skretnice i križišta (EN 13230-4:2002)
Railway applications – Track – Concrete sleepers and bearers – Part 4: Prestressed bearers for switches and crossings (EN 13230-4:2002)
- zamijenjena s: HRN EN 13230-4:2009

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Oprema za željeznice – Željeznički gornji ustroj – Betonski pragovi i nosači – 5. dio: Posebni elementi (EN 13230-5:2002)
Railway applications – Track – Concrete sleepers and bearers – Part 5: Special elements (EN 13230-5:2002)
- zamijenjena s: HRN EN 13230-5:2009

HRN EN 13260:2007 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Osovinski sklopovi – Zahtjevi za proizvod (EN 13260:2003)
Railway applications – Wheelsets and bogies – Wheelsets – Products requirements (EN 13260:2003)
- zamijenjena s: HRN EN 13260:2009

HRN EN 13261:2005 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Osovine – Zahtjevi za proizvod (EN 13261:2003)
Railway applications – Wheelsets and bogies – Axles – Product requirements (EN 13261:2003)
- zamijenjena s: HRN EN 13261:2009

HRN EN 13262:2007 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Kotači – Zahtjevi za proizvod (EN 13262:2004)
Railway applications – Wheelsets and bogies – Wheels – Product requirements (EN 13262:2004)
- zamijenjena s: HRN EN 13262:2009

HRN EN 13979-1:2008 en
Oprema za željeznice – Osovinski sklopovi i okretna postolja – Monoblok kotači – Postupak tehničkog usvajanja – 1. dio: Kovani i valjani kotači (EN 13979-1:2003)
Railway applications – Wheelsets and bogies – Monobloc wheels – Technical approval procedure – Part 1: Forged and rolled wheels (EN 13979-1:2003)
- zamijenjena s: HRN EN 13979-1:2009

HRN EN 14067-4:2008 en
Oprema za željeznice – Aerodinamika – 4. dio: Zahtjevi i ispitni postupci za aerodinamiku na otvorenoj pruzi (EN 14067-4:2005)
Railway applications – Aerodynamics – Part 4: Requirements and test procedures for aerodynamics on open track (EN 14067-4:2005)
- zamijenjena s: HRN EN 14067-4:2009

HRN EN 14865-2:2008 en
Oprema za željeznice — Sredstva za podmazivanje osovinjskih ležišta — 2. dio: Metode ispitivanja mehaničke postojanosti za vozila brzina do 200 km/h (EN 14865-2:2006)
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)
- zamijenjena s: HRN EN 14865-2:2009

HZN/TO 529, *Granici, dizalice i prenosila neprekidne dobave*

HRN EN 528:2003 en
Oprema regalnih uređaja na tračnicama — Sigurnost (EN 528:1996+A1:2002)
Rail dependent storage and retrieval equipment — Safety (EN 528:1996+A1:2002)
- zamijenjena s: HRN EN 528:2009

HRN EN 13001-1:2008 en
Sigurnost granika — Opće projektiranje — 1. dio: Opća načela i zahtjevi (EN 13001-1:2004+AC:2006+AC:2008)
Cranes — General design — Part 1: General principles and requirements (EN 13001-1:2004+AC:2006+AC:2008)
- zamijenjena s: HRN EN 13001-1:2009

HRN EN 13001-2:2008 en
Granici — Opće projektiranje — 2. dio: Djelovanje opterećenja (EN 13001-2:2004+A1:2006+AC:2006)
Cranes — General design — Part 2: Load actions (EN 13001-2:2004+A1:2006+AC:2006)
- zamijenjena s: HRN EN 13001-2:2009

HRN EN 13155:2003 en
Granici — Sigurnost — Ovjjesna sredstva (EN 13155:2003)
Cranes — Safety — Non-fixed load lifting attachments (EN 13155:2003)
- zamijenjena s: HRN EN 13155:2009

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Granici — Sigurnost — Ovjjesna sredstva (EN 13155:2003/A1:2005)
Cranes — Safety — Non-fixed load lifting attachments (EN 13155:2003/A1:2005)
- zamijenjena s: HRN EN 13155:2009

HRN EN 14439:2008 en
Granici — Sigurnost — Toranjski granici (EN 14439:2006)
Cranes — Safety — Tower cranes (EN 14439:2006)
- zamijenjena s: HRN EN 14439:2009

HRN EN 15056:2008 en
Granici — Zahtjevi za hvataljke za kontejnere (EN 15056:2006)
Cranes — Requirements for container handling spreaders (EN 15056:2006)
- zamijenjena s: HRN EN 15056:2009

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

HRN EN 1492-1:2001 en
Tekstilne priveznice — Sigurnost — 1. dio: Ravno tkane priveznice od umjetnih vlakana, za opću uporabu (EN 1492-1:2000)
Textile slings — Safety — Part 1: Flat woven webbing slings, made of man-made fibres, for general purpose use (EN 1492-1:2000)
- zamijenjena s: HRN EN 1492-1:2009

HRN EN 1492-1:2001/Ispr.1:2008 en
Tekstilne priveznice — Sigurnost — 1. dio: Ravno tkane priveznice od umjetnih vlakana, za opću uporabu (EN 1492-1:2000/AC:2006)
Textile slings — Safety — Part 1: Flat woven webbing slings, made of man-made fibres, for general purpose use (EN 1492-1:2000/AC:2006)
- zamijenjena s: HRN EN 1492-1:2009

HRN EN 1492-2:2001 en
Tekstilne priveznice — Sigurnost — 2. dio: Kružne priveznice od umjetnih vlakana, za opću uporabu (EN 1492-2:2000)
Textile slings — Safety — Part 2: Roundslings, made of man-made fibres for general purpose use (EN 1492-2:2000)
- zamijenjena s: HRN EN 1492-2:2009

HRN EN 1492-2:2001/Ispr.1:2008 en
Tekstilne priveznice — Sigurnost — 2. dio: Kružne priveznice od umjetnih vlakana, za opću uporabu (EN 1492-2:2000/AC:2006)
Textile slings — Safety — Part 2: Roundslings, made of man-made fibres, for general purpose use (EN 1492-2:2000/AC:2006)
- zamijenjena s: HRN EN 1492-2:2009

HRN EN 1492-4:2004 en
Tekstilne priveznice — Sigurnost — 4. dio: Podizne priveznice opće namjene od prirodne i umjetne vlaknaste užadi (EN 1492-4:2004)
Textile slings — Safety — Part 4: Lifting slings for general service made from natural and man-made fibre ropes (EN 1492-4:2004)
- zamijenjena s: HRN EN 1492-4:2009

HRN EN 1677-1:2001 en
Dijelovi za priveznice — Sigurnost — 1. dio: Kovani čelični dijelovi, klasa 8 (EN 1677-1:2000)
Components for slings — Safety — Part 1: Forged steel components, grade 8 (EN 1677-1:2000)
- zamijenjena s: HRN EN 1677-1:2009

HRN EN 1677-4:2001 en
Dijelovi za priveznice — Sigurnost — 4. dio: Alke, klasa 8 (EN 1677-4:2000)
Components for slings — Safety — Part 4: Links, grade 8 (EN 1677-4:2000)
- zamijenjena s: HRN EN 1677-4:2009

HRN EN 1677-5:2001 en
Dijelovi za priveznice — Sigurnost — 5. dio: Kovane čelične kuke za dizanje sa zasunom i okom, klasa 4 (EN 1677-5:2001)
Components for slings — Safety — Part 5: Forged steel lifting hooks with latch, grade 4 (EN 1677-5:2001)
- zamijenjena s: HRN EN 1677-5:2009

HRN EN 1677-6:2001 en
Dijelovi za priveznice — Sigurnost — 6. dio: Alke, klasa 4 (EN 1677-6:2001)
Components for slings — Safety — Part 6: Links, grade 4 (EN 1677-6:2001)
- zamijenjena s: HRN EN 1677-6:2009

HRN EN 13411-1:2003 en
Završetci čeličnih užadi — Sigurnost — 1. dio: Uške za priveznice od čelične užadi (EN 13411-1:2002)
Terminations for steel wire ropes — Safety — Part 1: Thimbles for steel wire rope slings (EN 13411-1:2002)
- zamijenjena s: HRN EN 13411-1:2009

HRN EN 13411-2:2002 en
Završetci čeličnih užadi — Sigurnost — 2. dio: Uplitanje omči za čelične priveznice (EN 13411-2:2001)
Terminations for steel wire ropes — Safety — Part 2: Splicing of eyes for wire rope slings (EN 13411-2:2001)
- zamijenjena s: HRN EN 13411-2:2009

HRN EN 13414-3:2003 en
Priveznice od čelične užadi — Sigurnost — 3. dio: Upletene priveznice — beskonačne i sa dvije omče (EN 13414-3:2003)
Steel wire rope slings — Safety — Part 3: Grommets and cable-laid slings (EN 13414-3:2003)
- zamijenjena s: HRN EN 13414-3:2009

HRN EN 13414-3:2003/Ispr.1:2008 en
Priveznice od čelične užadi — Sigurnost — 3. dio: Upletene priveznice — beskonačne i sa dvije omče (EN 13414-3:2003/AC:2004)
Steel wire rope slings — Safety — Part 3: Grommets and cable-laid slings (EN 13414-3:2003/AC:2004)
- zamijenjena s: HRN EN 13414-3:2009

HRN EN 13889:2004 en
Kovani čelični škopci za opću uporabu — D škopci i trbušasti škopci — Klase 6 — Sigurnost (EN 13889:2003)
Forged steel shackles for general lifting purposes — Dee shackles and bow shackles — Grade 6 — Safety (EN 13889:2003)
- zamijenjena s: HRN EN 13889:2009

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

HRN EN 12697-5:2008 en
Bitumenske mješavine — Ispitne metode za asfalt proizveden vrućim postupkom — 5. dio: Određivanje gustoće asfaltne mješavine (EN 12697-5:2002+A1:2007)
Bituminous mixtures — Test methods for hot mix asphalt — Part 5: Determination of the maximum density (EN 12697-5:2002+A1:2007)
- zamijenjena s: HRN EN 12697-5:2009

HZN/TO 534, *Spremnici za teret*

- HRN EN 1626:2004 en
Kriogenične posude – Ventili za kriogenične uvjete (EN 1626:1999)
Cryogenic vessels – Valves for cryogenic service (EN 1626:1999)
- zamijenjena s: HRN EN 1626:2009
- HRN EN 13081:2002 en
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Spojke sabirača para (EN 13081:2001)
Tanks for transport of dangerous goods – Service equipment for tanks – Vapour collection adaptor and coupler (EN 13081:2001)
- zamijenjena s: HRN EN 13081:2009
- HRN EN 13082:2002 en
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Ventil za prijenos pare (EN 13082:2001)
Tanks for transport of dangerous goods – Service equipment for tanks – Vapour transfer valve (EN 13082:2001)
- zamijenjena s: HRN EN 13082:2009
- HRN EN 13083:2002 en
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Spojka za punjenje i pražnjenje s dna (EN 13083:2001)
Tanks for transport of dangerous goods – Service equipment for tanks – Adaptor for bottom loading and unloading (EN 13083:2001)
- zamijenjena s: HRN EN 13083:2009
- HRN EN 13648-1:2004 en
Kriogenične posude – Sigurnosni uređaji za zaštitu od prekomjernog tlaka – 1. dio: Sigurnosni ventili za kriogenične uvjete (EN 13648-1:2002)
Cryogenic vessels – Safety devices for protection against excessive pressure – Part 1: Safety valves for cryogenic service (EN 13648-1:2002)
- zamijenjena s: HRN EN 13648-1:2009
- HRN EN 14116:2004 en
Spremnici za prijevoz opasnih tvari – Digitalni međusklop uređaja za prepoznavanje proizvoda (EN 14116:2003)
Tanks for transport of dangerous goods – Digital interface for the product recognition device (EN 14116:2003)
- zamijenjena s: HRN EN 14116:2009

HZN/TO 535, *Agregati*

- HRN EN 933-9:2004 en
Ispitivanja geometrijskih svojstava agregata – 9. dio: Procjena sitnih čestica – Ispitivanje metilenskim modrilom (EN 933-9:1998)
Tests for geometrical properties of aggregates – Part 9: Assessment of fines – Methylene blue test (EN 933-9:1998)
- zamijenjena s: HRN EN 933-9:2009
- HRN EN 933-10:2004 en
Ispitivanja geometrijskih svojstava agregata – 10. dio: Procjena sitnih čestica – Razvrstavanje punila (sijanje strujanjem zraka) (EN 933-10:2001)
Tests for geometrical properties of aggregates – Part 10: Assessment of fines – Grading of fillers (air jet sieving) (EN 933-10:2001)
- zamijenjena s: HRN EN 933-10:2009
- HRN EN 1097-8:2004 en
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 8. dio: Određivanje vrijednosti polirnosti kamena (EN 1097-8:1999)
Tests for mechanical and physical properties of aggregates – Part 8: Determination of the polished stone value (EN 1097-8:1999)
- zamijenjena s: HRN EN 1097-8:2009

HZN/TO 544, *Strojni elementi*

- HRN EN 493:2005 en
Spojni elementi – Površinske greške – Matice (EN 493:1992)
Fasteners – Surface discontinuities – Nuts (EN 493:1992)
- zamijenjena s: HRN EN ISO 6157-2:2008

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

- HRN EN 12807:2003 en
Prenosive ponovno punjive tvrdo lemljene čelične boce za ukapljeni naftni plin (UNP) – Projektiranje i konstruiranje (EN 12807:2001)

Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) – Design and construction (EN 12807:2001)

- zamijenjena s: HRN EN 12807:2009

- HRN EN 13445-1:2002 en
Neložene tlačne posude – 1. dio: Općenito (EN 13445-1:2002)
Unfired pressure vessels – Part 1: General (EN 13445-1:2002)
- zamijenjena s: HRN EN 13445-1:2009
- HRN EN 13445-1:2002/A1:2008 en
Neložene tlačne posude – 1. dio: Općenito (EN 13445-1:2002/A1:2007)
Unfired pressure vessels – Part 1: General (EN 13445-1:2002/A1:2007)
- zamijenjena s: HRN EN 13445-1:2009
- HRN EN 13445-1:2002/A2:2008 en
Neložene tlačne posude – 1. dio: Općenito (EN 13445-1:2002/A2:2006)
Unfired pressure vessels – Part 1: General (EN 13445-1:2002/A2:2006)
- zamijenjena s: HRN EN 13445-1:2009
- HRN EN 13445-1:2002/A3:2008 en
Neložene tlačne posude – 1. dio: Općenito (EN 13445-1:2002/A3:2007)
Unfired pressure vessels – Part 1: General (EN 13445-1:2002/A3:2007)
- zamijenjena s: HRN EN 13445-1:2009
- HRN EN 13445-2:2002 en
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2002)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2002)
- zamijenjena s: HRN EN 13445-2:2009
- HRN EN 13445-2:2002/A1:2008 en
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2002/A1:2007)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2002/A1:2007)
- zamijenjena s: HRN EN 13445-2:2009
- HRN EN 13445-2:2002/A2:2008 en
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2002/A2:2006)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2002/A2:2006)
- zamijenjena s: HRN EN 13445-2:2009
- HRN EN 13445-2:2002/A3:2009 en
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2002/A3:2009)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2002/A3:2009)
- zamijenjena s: HRN EN 13445-2:2009
- HRN EN 13445-2:2002/A5:2009 en
Neložene tlačne posude – 2. dio: Materijali (EN 13445-2:2002/A5:2009)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2002/A5:2009)
- zamijenjena s: HRN EN 13445-2:2009
- HRN EN 13445-3:2002 en
Neložene tlačne posude – 3. dio: Konstrukcija (EN 13445-3:2002)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2002)
- zamijenjena s: HRN EN 13445-3:2009
- HRN EN 13445-3:2002/A10:2008 en
Neložene tlačne posude – 3. dio: Konstrukcija (EN 13445-3:2002/A10:2008)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2002/A10:2008)
- zamijenjena s: HRN EN 13445-3:2009
- HRN EN 13445-3:2002/A11:2008 en
Neložene tlačne posude – 3. dio: Konstrukcija (EN 13445-3:2002/A11:2006)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2002/A11:2006)
- zamijenjena s: HRN EN 13445-3:2009
- HRN EN 13445-3:2002/A1:2008 en
Neložene tlačne posude – 3. dio: Konstrukcija (EN 13445-3:2002/A1:2007)
Unfired pressure vessels – Part 3: Design (EN 13445-3:2002/A1:2007)
- zamijenjena s: HRN EN 13445-3:2009

- HRN EN 13445-3:2002/A16:2009 en
Neložene tlačne posude – 3. dio: Konstrukcija
(EN 13445-3:2002/A16:2008)
Unfired pressure vessels – Part 3: Design
(EN 13445-3:2002/A16:2008)
- zamijenjena s: HRN EN 13445-3:2009
- HRN EN 13445-3:2002/A17:2008 en
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- HRN HD 384.7.708 S1:1999 en
Električne instalacije zgrada – 7. dio: Zahtjevi za posebne instalacije ili prostore – 708. odjeljak: Električne instalacije u kampovima i kamp prikolicama (IEC 60364-7-708:1988, preinačeno; HD 384.7.708 S1:1992)
Electrical installations of buildings – Part 7: Requirements for special installations or locations – Section 708: Electrical installations in caravan parks and caravans (IEC 60364-7-708:1988, modified; HD 384.7.708 S1:1992)
- zamijenjena s: HRN HD 384.7.708 S2:2007
- HRN ES 59009:2003 en
Pregled i ispitivanje električnih instalacija u obiteljskim vlasništvima (domaćinstvima) (ES 59009:2000)
Inspection and testing of electrical installations in domestic properties (ES 59009:2000)
- bez zamjene
- HRN IEC 60364-1:1999 hr
Električne instalacije zgrada – 1. dio: Područje primjene, predmet i osnovna načela (IEC 60364-1:1992)
Electrical installations of buildings – Part 1: Scope, object and fundamental principles (IEC 60364-1:1992)
- zamijenjena s: HRN HD 60364-1:2008
- HRN IEC 60364-2-21:1999 hr, en, fr
Električne instalacije zgrada – 2. dio: Definicije – 21. poglavlje: Vodič općeg nazivlja (IEC 60364-2-21:1993)

- Electrical installations of buildings – Part 2: Definitions – Chapter 21: Guide to general terms (IEC 60364-2-21:1993)
- zamijenjena s: HRN HD 60364-1:2008
- HRN IEC 60364-5-534:1999 en
Električne instalacije zgrada – 5. dio: Odabir i ugradba električne opreme – 534. odjeljak: Prenaponske zaštitne naprave (IEC 60364-5-534:1997)
Electrical installations of buildings – Part 5: Selection and erection of electrical equipment – Section 534: Devices for protection against overvoltages (IEC 60364-5-534:1997)
- zamijenjena s: HRN HD 60364-5-534:2008
- HRN IEC 60364-5-548:1999 en
Električne instalacije zgrada – 5. dio: Odabir i ugradba električne opreme – 548. odjeljak: Uzemljenje i izjednačavanje potencijala u instalacijama informacijske tehnologije (IEC 60364-5-548:1996+am1:1998)
Electrical installation of buildings – Part 5: Selection and erection of electrical equipment – Section 548: Earthing arrangements and equipotential bonding for information technology installations (IEC 60364-5-548:1996+am1:1998)
- zamijenjena s: HRN HD 60364-5-54:2007
- HRN IEC 60364-5-559:1999 en
Električne instalacije zgrada – 5. dio: Odabir i ugradba električne opreme – 55. poglavlje: Druga oprema – 559. odjeljak: Svjetiljke i instalacije rasvjete (IEC 60364-5-559:1999)
Electrical installations of buildings – Part 5: Selection and erection of electrical equipment – Chapter 55: Other equipment – Section 559: Luminaires and lighting installations (IEC 60364-5-559:1999)
- zamijenjena s: HRN HD 60364-5-559:2007
- HRN IEC 60364-7-701:1999 en
Električne instalacije zgrada – 7. dio: Zahtjevi za posebne instalacije ili prostore – 701. odjeljak: Prostori s kadom i tuš kadom (IEC 60364-7-701:1984)
Electrical installations of buildings – Part 7: Requirements for special installations or locations – Section 701: Locations containing a bath or shower basin (IEC 60364-7-701:1984)
- zamijenjena s: HRN HD 60364-7-701:2007
- HRN IEC 60364-7-707:1999 en
Električne instalacije zgrada – 7. dio: Zahtjevi za posebne instalacije ili prostore – 707. odjeljak: Zahtjevi za uzemljenje u instalacijama opreme za obradu podataka (IEC 60364-7-707:1984)
Electrical installations of buildings – Part 7: Requirements for special installations or locations – Section 707: Earthing requirements for the installation of data processing equipment (IEC 60364-7-707:1984)
- bez zamjene
- HRN IEC/TR3 61200-413:1999 en
Upute za električnu instalaciju – 413. dio: Zaštita od neizravnog dodira – Samoisklapanje napajanja (IEC/TR3 61200-413:1996)
Electrical installation guide – Part 413: Protection against indirect contact – Automatic disconnection of supply (IEC/TR3 61200-413:1996)
- bez zamjene

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

- HRN EN 55020:2003 en
Zvučni i televizijski radiodifuzijski prijamnici i prateća oprema – Značajke otpornosti – Granice i metode mjerenja (CISPR 20:2002; EN 55020:2002)
Sound and television broadcast receivers and associated equipment – Immunity characteristics – Limits and methods of measurement (CISPR 20:2002; EN 55020:2002)
- zamijenjena s: HRN EN 55020:2008
- HRN EN 55020:2003/A1:2003 en
Zvučni i televizijski radiodifuzijski prijamnici i prateća oprema – Značajke otpornosti – Granice i metode mjerenja (CISPR 20:2002/am1:2002; EN 55020:2002/A1:2003)
Sound and television broadcast receivers and associated equipment – Immunity characteristics – Limits and methods of measurement (CISPR 20:2002/am1:2002; EN 55020:2002/A1:2003)
- zamijenjena s: HRN EN 55020:2008
- HRN EN 55020:2003/A2:2005 en
Zvučni i televizijski radiodifuzijski prijamnici i prateća oprema – Značajke otpornosti – Granice i metode mjerenja (CISPR 20:2002/am2:2004; EN 55020:2002/A2:2005)

Sound and television broadcast receivers and associated equipment – Immunity characteristics – Limits and methods of measurement (CISPR 20:2002/am2:2004; EN 55020:2002/A2:2005)
- zamijenjena s: HRN EN 55020:2008

- HRN EN 55020:2008 en
Zvučni i televizijski radiodifuzijski prijamnici i prateća oprema – Značajke otpornosti – Granice i metode mjerenja (CISPR 20:2006; EN 55020:2007)
Sound and television broadcast receivers and associated equipment – Immunity characteristics – Limits and methods of measurement (CISPR 20:2006; EN 55020:2007)
- zamijenjena s: HRN EN 55020:2009

HZN/TU I2, Strojarstvo 2

- HRN EN 746-1:2004 en
Oprema za toplinske postupke u industriji – 1. dio: Opći zahtjevi za sigurnost opreme pri toplinskim postupcima u industriji (EN 746-1:1997)
Industrial thermoprocessing equipment – Part 1: Common safety requirements for industrial thermoprocessing equipment (EN 746-1:1997)
- zamijenjena s: HRN EN 746-1:2009
- HRN EN 746-3:2004 en
Oprema za toplinske postupke u industriji – 3. dio: Sigurnosni zahtjevi za proizvodnju i uporabu atmosferskih plinova (EN 746-3:1997)
Industrial thermoprocessing equipment – Part 3: Safety requirements for the generation and use of atmosphere gases (EN 746-3:1997)
- zamijenjena s: HRN EN 746-3:2009
- HRN EN 1012-2:2008 en
Compressors and vacuum pumps – Safety requirements – Part 2: Vacuum Pumps (EN 1012-2:1996)
- zamijenjena s: HRN EN 1012-2:2009
- HRN EN 1547:2004 en
Oprema za toplinske postupke u industriji – Postupak mjerenja buke za opremu pri toplinskim postupcima u industriji uključujući i pomoćnu opremu za rukovanje (EN 1547:2001)
Industrial thermoprocessing equipment – Noise test code for industrial thermoprocessing equipment including its ancillary handling equipment (EN 1547:2001)
- zamijenjena s: HRN EN 1547:2009
- HRN EN 12111:2008 en
Tunnelling machines – Road headers, continuous miners and impact rippers – Safety requirements (EN 12111:2002+AC:2004)
- zamijenjena s: HRN EN 12111:2009
- HRN EN 12162:2008 en
Liquid pumps – Safety requirements – Procedure for hydrostatic testing (EN 12162:2001)
- zamijenjena s: HRN EN 12162:2009
- HRN EN 12348:2008 en
Core drilling machines on stand – Safety (EN 12348:2000)
- zamijenjena s: HRN EN 12348:2009
- HRN EN 12418:2008 en
Masonry and stone cutting-off machines for job site – Safety (EN 12418:2000)
- zamijenjena s: HRN EN 12418:2009
- HRN EN 13042-2:2008 en
Machines and plants for the manufacture, treatment and processing of hollow glass – Safety requirements – Part 2: Handling machines for feeding (EN 13042-2:2004)
- zamijenjena s: HRN EN 13042-2:2009
- HRN EN 13042-3:2008 en
Machines and plants for the manufacture, treatment and processing of hollow glass – Safety requirements – Part 3: IS Machines (EN 13042-3:2007)
- zamijenjena s: HRN EN 13042-3:2009
- HRN EN 13042-5:2008 en
Machines and plants for the manufacture, treatment and processing of hollow glass – Safety requirements – Part 5: Presses (EN 13042-5:2003)
- zamijenjena s: HRN EN 13042-5:2009
- HRN EN 13941:2008 en
Design and installation of preinsulated bonded pipe systems for district heating (EN 13941:2003)
- zamijenjena s: HRN EN 13941:2009

HZN/TU U1, *Opća elektrotehnika 1*

HRN IEC 61180-1:2002 en

Visokonaponske ispitne tehnike za niskonaponsku opremu – 1. dio: Ispitni zahtjevi i postupci (IEC 61180-1:1992)
High-voltage test techniques for low voltage equipment – Part 1: Definitions, test and procedure requirements (IEC 61180-1:1992)
- zamijenjena s: HRN EN 61180-1:2008

1.5 Povučeni nacrti hrvatskih norma

HZN/TO 28, *Naftni proizvodi i maziva*

nHRN ISO 3448 hr pp
Tekuća industrijska maziva – ISO razredba viskoznosti (ISO 3448:1992)
Industrial liquid lubricants – ISO viscosity classification (ISO 3448:1992)

nHRN ISO 8681 hr pp
Naftni proizvodi i maziva – Metoda razredbe – Definicije razreda (ISO 8681:1986)
Petroleum products and lubricants – Method of classification – Definition of classes (ISO 8681:1986)

nHRN EN 14214 hr pp/na
Goriva za motorna vozila – Metilni esteri masnih kiselina (FAME) za dizelske motore – Zahtjevi i metode ispitivanja (EN 14214:2008)
Automotive fuels – Fatty acid methyl esters (FAME) for diesel engines – Requirements and test methods (EN 14214:2008)

HZN/TO 218, *Drvo*

nHRN EN 1315-1 hr pp
Razredba dimenzija – 1. dio: Oblo drvo listača (EN 1315-1:1997)
Dimensional classification – Part 1: Hardwood round timber (EN 1315-1:1997)

nHRN EN 1315-2 hr pp
Razredba dimenzija – 2. dio: Oblo drvo četinjača (EN 1315-2:1997)
Dimensional classification – Part 2: Softwood round timber (EN 1315-2:1997)

HZN/TO 503, *Metalni materijali*

nHRN EN 10002-1 hr pp
Metalni materijali – Vlačno ispitivanje – 1. dio: Metoda ispitivanja pri sobnoj temperaturi (EN 10002-1:2001)
Metallic materials – Tensile testing – Part 1: Method of test at ambient temperature (EN 10002-1:2001)

nHRN EN 10020 hr pp
Definicije i razredba vrsta čelika (EN 10020:2000)
Definition and classification of grades of steel (EN 10020:2000)

nHRN EN 10027-2 hr pp
Sustavi označivanja za čelike – 2. dio: Brojevi čelika (EN 10027-2:1992)
Designation systems for steels – Part 2: Numerical system (EN 10027-2:1992)

nHRN EN 10138-1 hr pp
Čelik za prednapinjanje – 1. dio: Opći zahtjevi (prEN 10138-1:2000)
Prestressing steels – Part 1: General requirements (prEN 10138-1:2000)

nHRN EN 10138-2 hr pp
Čelik za prednapinjanje – 2. dio: Žica (prEN 10138-2:2000)
Prestressing steels – Part 2: Wire (prEN 10138-2:2000)

nHRN EN 10138-3 hr pp
Čelik za prednapinjanje – 3. dio: Užad (prEN 10138-3:2000)
Prestressing steels – Part 3: Strand (prEN 10138-3:2000)

nHRN EN 10138-4 hr pp
Čelik za prednapinjanje – 4. dio: Šipke (prEN 10138-4:2000)
Prestressing steels – Part 4: Bars (prEN 10138-4:2000)

HZN/TO 509, *Cestovna oprema*

nHRN EN 12966-1 hr pp
Vertikalna prometna signalizacija – Promjenjivi prometni znakovi – 1. dio: Norma za proizvod (EN 12966-1:2005)

Road vertical signs – Variable message traffic signs – Part 1: Product standard (EN 12966-1:2005)

HZN/TO 513/PO 5, *Mjerne jedinice i mjerila; Mjerne jedinice*

nHRN ISO 31-11 hr pp
Veličine i jedinice – 11. dio: Matematički znakovi za uporabu u fizikalnim znanostima i tehnici (ISO 31-11:1992)
Quantities and units – Part 11: Mathematical signs and symbols for use in the physical sciences and technology (ISO 31-11:1992)

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

nHRN EN 1641 hr pp
Stomatologija – Medicinski proizvodi za stomatologiju – Materijali (EN 1641:2004)
Dentistry – Medical devices for dentistry – Materials (EN 1641:2004)

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.

TO 146, *Kakvoća zraka*

• umjesto

HRN EN 13890:2008
Atmosfera radnih prostora – Postupci za određivanje metala i nemetala u lebdećim česticama – Zahtjevi i metode ispitivanja (EN 13890:2002)
Workplace atmospheres – Procedures for measuring metals and metalloids in airborne particles – Requirements and test methods (EN 13890:2002)

• treba biti

HRN EN 13890:2008
Atmosfera radnih prostora – Postupci za određivanje metala i metaloida u lebdećim česticama – Zahtjevi i metode ispitivanja (EN 13890:2002)
Workplace atmospheres – Procedures for measuring metals and metalloids in airborne particles – Requirements and test methods (EN 13890:2002)

• umjesto

HRN EN 14530:2008
Atmosfera radnih prostora – Određivanje čvrste dizelske tvari – Opći zahtjevi (EN 14530:2004)
Workplace atmospheres – Determination of diesel particulate matter – General requirements (EN 14530:2004)

• treba biti

HRN EN 14530:2008
Atmosfera radnih prostora – Određivanje čestica u ispuhu dizelskih motora – Opći zahtjevi (EN 14530:2004)
Workplace atmospheres – Determination of diesel particulate matter – General requirements (EN 14530:2004)

• umjesto

HRS CEN/TS 14793:2008
Emisija iz stacionarnih izvora – Postupak međulaboratorijske validacije alternativne metode usporedbom s referentnom metodom (CEN/TS 14793:2005)
Stationary source emission – Intralaboratory validation procedure for an alternative method compared to a reference method (CEN/TS 14793:2005)

• treba biti

HRS CEN/TS 14793:2008
Emisija iz stacionarnih izvora – Postupak laboratorijske validacije alternativne metode usporedbom s referentnom metodom (CEN/TS 14793:2005)
Stationary source emission – Intralaboratory validation procedure for an alternative method compared to a reference method (CEN/TS 14793:2005)

- **umjesto**

HRN EN 15446:2008

Kratkotrajne i difuzne emisije od općeg značenja za industriju – Mjerenje kratkotrajne emisije para koje nastaju curenjem iz procesne opreme i cjevovoda (EN 15446:2008)
Fugitive and diffuse emissions of common concern to industry sectors – Measurement of fugitive emission of vapours generating from equipment and piping leaks (EN 15446:2008)

- **treba biti**

HRN EN 15446:2008

Fugitivne i difuzne emisije od općeg značenja za industriju – Mjerenje kratkotrajne emisije para koje nastaju curenjem iz procesne opreme i cjevovoda (EN 15446:2008)
Fugitive and diffuse emissions of common concern to industry sectors – Measurement of fugitive emission of vapours generating from equipment and piping leaks (EN 15446:2008)

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

- **umjesto**

HRN EN ISO 10253:2008

Kakvoća vode – Ispitivanje inhibicije morskih algi *Skeletonema costatum* i *Phaeodactylum tricorutum* (ISO 10253:2006; EN ISO 1025:2006)
Water quality – Marine algal growth inhibition test with *Skeletonema costatum* and *Phaeodactylum tricorutum* (ISO 10253:2006; EN ISO 10253:2006)

- **treba biti**

HRN EN ISO 10253:2008

Kakvoća vode – Ispitivanje inhibicije rasta morskih algi *Skeletonema costatum* i *Phaeodactylum tricorutum* (ISO 10253:2006; EN ISO 1025:2006)
Water quality – Marine algal growth inhibition test with *Skeletonema costatum* and *Phaeodactylum tricorutum* (ISO 10253:2006; EN ISO 10253:2006)

- **umjesto**

HRN EN ISO 8199:2008

Kakvoća vode – Opće smjernice za brojenje mikroorganizama uzgojem (ISO 8199:2005; EN ISO 8199:2007)
Water quality – General guidance on the enumeration of micro-organisms by culture (ISO 8199:2005; EN ISO 8199:2007)

- **treba biti**

HRN EN ISO 8199:2008

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

TO 190, Kakvoća tla

- **umjesto**

HRN ISO 10381-1:2009

Kakvoća tla – Uzorkovanje – 1. dio: Upute za nacrt programa uzimanja uzoraka (ISO 10381-1:2002)
Soil quality – Sampling – Part 1: Guidance on the design of sampling programmes (ISO 10381-1:2002)

- **treba biti**

HRN ISO 10381-1:2009

Kakvoća tla – Uzorkovanje – 1. dio: Upute za nacrt programa uzorkovanja (ISO 10381-1:2002)
Soil quality – Sampling – Part 1: Guidance on the design of sampling programmes (ISO 10381-1:2002)

- **umjesto**

HRN ISO 10381-2:2009

Kakvoća tla – Uzorkovanje – 2. dio: Upute o načinu uzimanja uzoraka (ISO 10381-2:2002)
Soil quality – Sampling – Part 2: Guidance on sampling techniques (ISO 10381-2:2002)

- **treba biti**

HRN ISO 10381-2:2009

Kakvoća tla – Uzorkovanje – 2. dio: Upute o tehnikama uzorkovanja (ISO 10381-2:2002)
Soil quality – Sampling – Part 2: Guidance on sampling techniques (ISO 10381-2:2002)

- **umjesto**

HRN ISO 10381-3:2009

Kakvoća tla – Uzorkovanje – 3. dio: Upute o sigurnosti tijekom uzimanja uzoraka (ISO 10381-3:2001)
Soil quality – Sampling – Part 3: Guidance on safety (ISO 10381-3:2001)

- **treba biti**

HRN ISO 10381-3:2009

Kakvoća tla – Uzorkovanje – 3. dio: Upute o sigurnosti (ISO 10381-3:2001)
Soil quality – Sampling – Part 3: Guidance on safety (ISO 10381-3:2001)

- **umjesto**

HRN ISO 10381-7:2009

Kakvoća tla – Uzorkovanje – 7. dio: Upute za uzimanje uzoraka plinova u tlu (ISO 10381-7:2005)
Soil quality – Sampling – Part 7: Guidance on sampling of soil gas (ISO 10381-7:2005)

- **treba biti**

HRN ISO 10381-7:2009

Kakvoća tla – Uzorkovanje – 7. dio: Upute za uzorkovanje plinova u tlu (ISO 10381-7:2005)
Soil quality – Sampling – Part 7: Guidance on sampling of soil gas (ISO 10381-7:2005)

- **umjesto**

HRN ISO 10381-8:2009

Kakvoća tla – Uzorkovanje – 8. dio: Upute za uzimanje uzoraka iskopanog tla (ISO 10381-8:2006)
Soil quality – Sampling – Part 8: Guidance on sampling of stockpiles (ISO 10381-8:2006)

- **treba biti**

HRN ISO 10381-8:2009

Kakvoća tla – Uzorkovanje – 8. dio: Upute za uzorkovanje iskopanog tla (ISO 10381-8:2006)
Soil quality – Sampling – Part 8: Guidance on sampling of stockpiles (ISO 10381-8:2006)

TO 522, Karakterizacija i zbrinjavanje otpada

- **umjesto**

HRN EN 13657:2008

Karakterizacija otpada – Digestija zlatotropkom za naknadno određivanje topivih elemenata (EN 13657:2002)
Characterization of waste – Digestion for subsequent determination of aqua regia soluble portion of elements (EN 13657:2002)

- **treba biti**

HRN EN 13657:2008

Karakterizacija otpada – Digestija zlatotropkom za naknadno određivanje topivih elemenata (EN 13657:2002)
Characterization of waste – Digestion for subsequent determination of aqua regia soluble portion of elements (EN 13657:2002)

- **umjesto**

HRN EN 15192:2008

Karakterizacija otpada – Određivanje kroma(VI) u čvrstim materijalima lužnom razgradnjom i ionskom kromatografijom sa spektrometrijskim određivanjem (EN 15192:2006)
Characterisation of waste and soil – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection (EN 15192:2006)

- **treba biti**

HRN EN 15192:2008

Karakterizacija otpada – Određivanje kroma(VI) u čvrstim materijalima lužnom digestijom i ionskom kromatografijom sa spektrometrijskim određivanjem (EN 15192:2006)

Characterisation of waste and soil – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection (EN 15192:2006)

- **umjesto**

HRI CEN/TR 15018:2008

Karakterizacija otpada – Raspadanje uzoraka otpada tehnikama alkalne fuzije (CEN/TR 15018:2005)
Characterization of waste – Digestion of waste samples using alkali-fusion techniques (CEN/TR 15018:2005)

- **treba biti**

HRI CEN/TR 15018:2008

Karakterizacija otpada – Digestija uzoraka otpada tehnikama alkalne fuzije (CEN/TR 15018:2005)
Characterization of waste – Digestion of waste samples using alkali-fusion techniques (CEN/TR 15018:2005)

- **umjesto**

HRI CEN/TR 15310-1:2008

Karakterizacija otpada – Uzorkovanje otpadnih materijala – 1. dio: Upute za odabir i primjenu mjerila za uzorkovanje u različitim uvjetima (CEN/TR 15310-1:2006)
Characterization of waste – Sampling of waste materials – Part 1: Guidance on selection and application of criteria for sampling under various conditions (CEN/TR 15310-1:2006)

- **treba biti**

HRI CEN/TR 15310-1:2008

Karakterizacija otpada – Uzorkovanje otpadnih materijala – 1. dio: Upute za odabir i primjenu kriterija za uzorkovanje u različitim uvjetima (CEN/TR 15310-1:2006)
Characterization of waste – Sampling of waste materials – Part 1: Guidance on selection and application of criteria for sampling under various conditions (CEN/TR 15310-1:2006)

- **umjesto**

HRS CEN/TS 15364:2008

Karakterizacija otpada – Testovi procjeđivanja – Test kapaciteta kisele i lužnate neutralizacije (CEN/TS 15364:2006)
Characterization of waste – Leaching behaviour tests – Acid and base neutralization capacity test (CEN/TS 15364:2006)

- **treba biti**

HRS CEN/TS 15364:2008

Karakterizacija otpada – Ispitivanja ponašanja procjeđivanja – Ispitivanje kapaciteta kisele i lužnate neutralizacije (CEN/TS 15364:2006)
Characterization of waste – Leaching behaviour tests – Acid and base neutralization capacity test (CEN/TS 15364:2006)

- **umjesto**

HRI CEN/TR 15473:2008

Karakterizacija mulja – Dobra praksa za isušivanje mulja (CEN/TR 15473:2007)
Characterization of sludges – Good practice for sludges drying (CEN/TR 15473:2007)

- **treba biti**

HRI CEN/TR 15473:2008

Karakterizacija mulja – Dobra praksa za isušivanje mulja (CEN/TR 15473:2007)
Characterization of sludges – Good practice for sludges drying (CEN/TR 15473:2007)

HZN/TO 553, *Predgotovljeni proizvodi*

- **umjesto**

HRN EN 14474:2005

Predgotovljeni betonski proizvodi – Beton s drvenim strugotinama kao agregat – Zahtjevi i ispitne metode (EN 14474:2004)
Precast concrete products – Concrete with wood-chips as aggregate – Requirements and test methods (EN 14474:2004)

- **treba biti**

HRN EN 14474:2005

Predgotovljeni betonski proizvodi – Beton s agregatom od drvenih strugotina – Zahtjevi i ispitne metode (EN 14474:2004)
Precast concrete products – Concrete with wood-chips as aggregate – Requirements and test methods (EN 14474:2004)

TO 554, *Obrada otpadnih voda*

- **umjesto**

HRN EN 1253-5:2008

Odvodi za zgrade – 5. dio: Odvodi s odvajačima za lake tekućine (EN 1253-5:2003)
Gullies for buildings – Part 5: Gullies with light liquids closure (EN 1253-5:2003)

- **treba biti**

HRN EN 1253-5:2008

Odvodi za zgrade – 5. dio: Slivnici sa zaporom za lake tekućine (EN 1253-5:2003)
Gullies for buildings – Part 5: Gullies with light liquids closure (EN 1253-5:2003)

TO 557, *Zaštitna odjeća*

- **umjesto**

HRN EN 381-1:2001

Zaštitna odjeća za radnike koji rukuju motornim pilama – 1. dio: Oprema za ispitivanje otpornosti na razrezivanje motornom pilom (EN 381-1:1993)
Protective clothing for users of hand-held chainsaws – Part 1: Test rig for testing resistance to cutting by a chainsaw (EN 381-1:1993)

- **treba biti**

HRN EN 381-1:2001

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

- **umjesto**

HRN EN 381-2:2003

Zaštitna odjeća za radnike koji rukuju motornim pilama – 2. dio: Ispitne metode za štitnike noge (EN 381-2:1995)
Protective clothing for users of hand-held chain saws – Part 2: Test methods for leg protectors (EN 381-2:1995)

- **treba biti**

HRN EN 381-2:2003

Zaštitna odjeća za korisnike ručnih motornih lančanih pila – 2. dio: Ispitne metode za štitnike noge (EN 381-2:1995)
Protective clothing for users of hand-held chain saws – Part 2: Test methods for leg protectors (EN 381-2:1995)

- **umjesto**

HRN EN 381-3:2001

Zaštitna odjeća za radnike koji rukuju motornim pilama – 3. dio: Ispitne metode za obuću (EN 381-3:1996)
Protective clothing for users of hand-held chain-saws – Part 3: Test methods for footwear (EN 381-3:1996)

- **treba biti**

HRN EN 381-3:2001

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

- **umjesto**

HRN EN 381-4:2001

Zaštitna odjeća za radnike koji rukuju motornim pilama – 4. dio: Ispitne metode za rukavice za zaštitu od motorne pile (EN 381-4:1999)
Protective clothing for users of hand-held chainsaws – Part 4: Test methods for chainsaw protective gloves (EN 381-4:1999)

- **treba biti**
- HRN EN 381-4:2001
Zaštitna odjeća za korisnike ručnih motornih lančanih pila – 4. dio: Ispitne metode za rukavice za zaštitu od motorne lančane pile (EN 381-4:1999)
Protective clothing for users of hand-held chainsaws – Part 4: Test methods for chainsaw protective gloves (EN 381-4:1999)
- **umjesto**
- HRN EN 381-5:2003
Zaštitna odjeća za radnike koji rukuju motornim pilama – 5. dio: Zahtjevi za štitičke noge (EN 381-5:1995)
Protective clothing for users of hand-held chain saws – Part 5: Requirements for leg protectors (EN 381-5:1995)
- **treba biti**
- HRN EN 381-5:2003
Zaštitna odjeća za korisnike ručnih motornih lančanih pila – 5. dio: Zahtjevi za štitičke noge (EN 381-5:1995)
Protective clothing for users of hand-held chain saws – Part 5: Requirements for leg protectors (EN 381-5:1995)
- **umjesto**
- HRN EN 381-7:2001
Zaštitna odjeća za radnike koji rukuju motornim pilama – 7. dio: Zahtjevi za rukavice za zaštitu od motorne pile (EN 381-7:1999)
Protective clothing for users of hand-held chainsaws – Part 7: Requirements for chainsaw protective gloves (EN 381-7:1999)
- **treba biti**
- HRN EN 381-7:2001
Zaštitna odjeća za korisnike ručnih motornih lančanih pila – 7. dio: Zahtjevi za rukavice za zaštitu od motorne lančane pile (EN 381-7:1999)
Protective clothing for users of hand-held chainsaws – Part 7: Requirements for chainsaw protective gloves (EN 381-7:1999)
- **umjesto**
- HRN EN 381-8:2001
Zaštitna odjeća za radnike koji rukuju motornim pilama – 8. dio: Ispitne metode za gamaše za zaštitu od motorne pile (EN 381-8:1997)
Protective clothing for users of hand-held chainsaws – Part 8: Test methods for chain saw protective gaiters (EN 381-8:1997)
- **treba biti**
- HRN EN 381-8:2001
Zaštitna odjeća za korisnike ručnih motornih lančanih pila – 8. dio: Ispitne metode za gamaše za zaštitu od motorne lančane pile (EN 381-8:1997)
Protective clothing for users of hand-held chainsaws – Part 8: Test methods for chain saw protective gaiters (EN 381-8:1997)
- **umjesto**
- HRN EN 381-9:2001
Zaštitna odjeća za radnike koji rukuju motornim pilama – 9. dio: Zahtjevi za gamaše za zaštitu od motorne pile (EN 381-9:1997)
Protective clothing for users of hand-held chainsaws – Part 9: Requirements for chain saw protective gaiters (EN 381-9:1997)
- **treba biti**
- HRN EN 381-9:2001
Zaštitna odjeća za korisnike ručnih motornih lančanih pila – 9. dio: Zahtjevi za gamaše za zaštitu od motorne lančane pile (EN 381-9:1997)
Protective clothing for users of hand-held chainsaws – Part 9: Requirements for chain saw protective gaiters (EN 381-9:1997)

HZN/TO 560, *Tekstilni proizvodi*

- **umjesto**
- HRN EN 22313:2008
Tkanine – Određivanje oporavka nakon gužvanja horizontalno presavijenog uzorka mjerenjem kuta oporavka (EN 22313:1992)
Textile fabrics – Determination of the recovery from creasing of a horizontally folded specimen by measuring the angle of recovery (EN 22313:1992)
- **treba biti**
- HRN EN 22313:2008
Tkanine – Određivanje oporavka nakon gužvanja horizontalno presavijenog uzorka mjerenjem kuta oporavka (ISO 2313:1972; EN 22313:1992)
Textile fabrics – Determination of the recovery from creasing of a horizontally folded specimen by measuring the angle of recovery (ISO 2313:1972; EN 22313:1992)

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

- **umjesto**
- HRN EN 60734:2004
Kućanski električni aparati – Značajke – Tvrdoća vode za ispitivanje (IEC 60734:2001; EN 60734:2003)
Household electrical appliances – Performance – Hard water testing (IEC 60734:2001; EN 60734:2003)
- **treba biti**
- HRN EN 60734:2004
Kućanski električni aparati – Značajke – Tvrda voda za ispitivanje (IEC 60734:2001; EN 60734:2003)
Household electrical appliances – Performance – Hard water testing (IEC 60734:2001; EN 60734:2003)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Međunarodna normizacija (ISO)

ISO 23185:2009
Assessment and benchmarking of terminological resources
– General concepts, principles and requirements

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

Međunarodna normizacija (ISO)

ISO 23185:2009
Assessment and benchmarking of terminological resources
– General concepts, principles and requirements

01.040.21 Mehanički sustavi i sastavnice za opću uporabu (Rječnici)

Međunarodna normizacija (ISO)

ISO 4378-1:2009
Plain bearings – Terms, definitions, classification and symbols
– Part 1: Design, bearing materials and their properties

ISO 4378-2:2009
Plain bearings – Terms, definitions, classification and symbols
– Part 2: Friction and wear

ISO 4378-3:2009
Plain bearings – Terms, definitions, classification and symbols
– Part 3: Lubrication

01.040.25 Proizvodna tehnika (Rječnici)

Međunarodna normizacija (ISO)

ISO 4063:2009
Welding and allied processes – Nomenclature of processes and reference numbers

Europska normizacija

EN ISO 4063:2009
Welding and allied processes – Nomenclature of processes and reference numbers (ISO 4063:2009)

01.040.29 Elektrotehnika (Rječnici)

Međunarodna normizacija (IEC)

IEC 60633 Edition 2.1:2009
Terminology for high-voltage direct current (HVDC) transmission

IEC 60819-1:2009
Non-cellulosic papers for electrical purposes – Part 1: Definitions and general requirements

01.040.71 Kemijska tehnologija (Rječnici)

Međunarodna normizacija (ISO)

ISO 4720:2009
Essential oils – Nomenclature

01.040.91 Građevna gradiva i gradnja (Rječnici)

Europska normizacija

EN 520+A1:2009
Gypsum plasterboards – Definitions, requirements and test methods

EN 15283-2+A1:2009
Gypsum boards with fibrous reinforcement – Definitions, requirements and test methods – Part 2: Gypsum fibre boards

01.075 Slovno-brojčani znakovi

Međunarodna normizacija (ISO)

ISO 4378-4:2009
Plain bearings – Terms, definitions, classification and symbols
– Part 4: Basic symbols

ISO 4378-5:2009
Plain bearings – Terms, definitions, classification and symbols
– Part 5: Application of symbols

01.100.25 Crteži u elektrotehnici i elektronici

Međunarodna normizacija (IEC)

IEC 60401-2:2009
Terms and nomenclature for cores made of magnetically soft ferrites – Part 2: Reference of dimensions

01.100.99 Druge norme koje se odnose na tehničke crteže

Međunarodna normizacija (ISO)

ISO 17338:2009
Ships and marine technology – Drawings for fire protection
– Indications of fire rating by divisions for ships and high-speed craft

01.110 Tehnička dokumentacija o proizvodu

Međunarodna normizacija (IEC)

IEC 81346-1:2009
Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations
– Part 1: Basic rules

IEC 81346-2:2009
Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations
– Part 2: Classification of objects and codes for classes

01.140.20 Informacijske znanosti

Međunarodna normizacija (ISO)

ISO 10957:2009
Information and documentation – International standard music number (ISMN)

03.060 Financije. Bankarstvo. Monetarni sustavi. Osiguranje

Međunarodna normizacija (ISO)

ISO 20022-6:2009
Financial services – UNiversal Financial Industry message scheme – Part 6: Message Transport Characteristics

03.120.10 Upravljanje kakvoćom i osiguravanje kakvoće

Europska normizacija

EN 9100:2009

Aerospace series—Quality management systems—Requirements (based on ISO 9001:2000) and Quality systems — Model for quality assurance in design, development, production, installation and servicing (based on ISO 9001:1994)

EN ISO 9001/AC:2009

Quality management systems — Requirements (ISO 9001:2008/Cor 1:2009)

EN ISO 13485/AC:2009

Medical devices — Quality management systems — Requirements for regulatory purposes (ISO 13485:2003/Cor 1:2009)

03.120.20 Potvrđivanje proizvoda i tvrtki. Procjena sukladnosti

Međunarodna normizacija (ISO)

ISO/IEC 17007:2009

Conformity assessment — Guidance for drafting normative documents suitable for use for conformity assessment

03.120.30 Primjena statističkih metoda

Međunarodna normizacija (ISO)

ISO 3951-2 AMD 1:2009

Sampling procedures for inspection by variables — Part 2: General specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection of independent quality characteristics; Amendment 1

03.220.50 Zračni prijevoz

Europska normizacija

CWA 15995:2009

Business Aircraft Operations — Code of practice for the management of non-commercial operations with complex motor-powered aircraft

11.040.01 Medicinska oprema općenito

Međunarodna normizacija (IEC)

IEC/TR 80002-1:2009

Medical device software — Part 1: Guidance on the application of ISO 14971 to medical device software

Europska normizacija

EN ISO 13485/AC:2009

Medical devices — Quality management systems — Requirements for regulatory purposes (ISO 13485:2003/Cor 1:2009)

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija (ISO)

ISO 7376:2009

Anaesthetic and respiratory equipment — Laryngoscopes for tracheal intubation

ISO 20072:2009

Aerosol drug delivery device design verification — Requirements and test methods

Međunarodna normizacija (IEC)

IEC 60601-2-13 Edition 3.1:2009

Medical electrical equipment — Part 2-13: Particular requirements for the safety of anaesthetic systems

Europska normizacija

EN 794-3+A2:2009

Lung ventilators — Part 3: Particular requirements for emergency and transport ventilators

EN 1282-2+A1:2009

Tracheostomy tubes — Part 2: Paediatric tubes (ISO 5366-3:2001, modified)

EN 1782+A1:2009

Tracheal tubes and connectors

EN 1820+A1:2009

Anaesthetic reservoir bags (ISO 5362:2000, modified)

EN 13544-1+A1:2009

Respiratory therapy equipment — Part 1: Nebulizing systems and their components

EN ISO 7376:2009

Anaesthetic and respiratory equipment — Laryngoscopes for tracheal intubation (ISO 7376:2009)

EN 12342+A1:2009

Breathing tubes intended for use with anaesthetic apparatus and ventilators

EN 13544-2+A1:2009

Respiratory therapy equipment — Part 2: Tubing and connectors

EN 13544-3+A1:2009

Respiratory therapy equipment — Part 3: Air entrainment devices

11.040.30 Kirurški instrumenti i gradiva

Europska normizacija

EN ISO 16061:2009

Instrumentation for use in association with non-active surgical implants — General requirements (ISO 16061:2008, Corrected version 2009-03-15)

11.040.50 Radiografska i druga dijagnostička oprema

Međunarodna normizacija (IEC)

IEC 62083:2009

Medical electrical equipment — Requirements for the safety of radiotherapy treatment planning systems

11.040.55 Dijagnostička oprema

Međunarodna normizacija (IEC)

IEC 60601-2-18:2009

Medical electrical equipment — Part 2-18: Particular requirements for basic safety and essential performance of endoscopic equipment

IEC 60601-2-41:2009

Medical electrical equipment — Part 2-41: Particular requirements for basic safety and essential performance of surgical luminaires and luminaires for diagnosis

11.040.60 Terapeutska oprema

Međunarodna normizacija (IEC)

IEC 60601-2-5:2009

Medical electrical equipment — Part 2-5: Particular requirements for basic safety and essential performance of ultrasonic physiotherapy equipment

11.040.70 Oftalmološka oprema

Međunarodna normizacija (ISO)

ISO 10940:2009

Ophthalmic instruments — Fundus cameras

ISO 10944:2009

Ophthalmic instruments — Synoptophores

Europska normizacija

- EN ISO 10940:2009
Ophthalmic instruments — Fundus cameras
(ISO 10940:2009)
- EN ISO 10944:2009
Ophthalmic instruments — Synoptophores (ISO 10944:2009)

11.060.10 Zubarska gradiva

Međunarodna normizacija (ISO)

- ISO 10139-2:2009
Dentistry — Soft lining materials for removable dentures —
Part 2: Materials for long-term use
- ISO 4049:2009
Dentistry — Polymer-based restorative materials

Europska normizacija

- EN ISO 10139-2:2009
Dentistry — Soft lining materials for removable dentures —
Part 2: Materials for long-term use (ISO 10139-2:2009)

11.060.15 Zubni usadci

Europska normizacija

- EN ISO 22794:2009
Dentistry — Implantable materials for bone filling and
augmentation in oral and maxillofacial surgery — Contents of
a technical file (ISO 22794:2007, corrected version
2009-01-15)

11.080.01 Sterilizacija i dezinfekcija općenito

Međunarodna normizacija (ISO)

- ISO 25424:2009
Sterilization of medical devices — Low temperature steam and
formaldehyde — Requirements for development, validation and
routine control of a sterilization process for medical devices

Europska normizacija

- EN ISO 14161:2009
Sterilization of health care products — Biological indicators
— Guidance for the selection, use and interpretation of results
(ISO 14161:2009)

11.080.20 Dezinfektanti i antiseptici

Međunarodna normizacija (ISO)

- ISO 14161:2009
Sterilization of health care products — Biological indicators —
Guidance for the selection, use and interpretation of results

11.140 Bolnička oprema

Međunarodna normizacija (IEC)

- IEC 60601-2-41:2009
Medical electrical equipment — Part 2-41: Particular
requirements for basic safety and essential performance of
surgical luminaires and luminaires for diagnosis

11.160 Prva pomoć

Europska normizacija

- EN 794-3+A2:2009
Lung ventilators — Part 3: Particular requirements for
emergency and transport ventilators

11.180.01 Pomoć za invalidne i hendikepirane osobe općenito

Europska normizacija

- CEN/TR 15913:2009
Spectator facilities — Layout criteria for viewing area for
spectators with special needs

13.020.10 Upravljanje okolišem

Europska normizacija

- EN ISO 14001/AC:2009
Environmental management systems — Requirements with
guidance for use (ISO 14001:2004/Cor 1:2009)

13.020.99 Druge norme koje se odnose na zaštitu okoliša

Međunarodna normizacija (ISO)

- ISO 21072-2:2009
Ships and marine technology — Marine environment protection:
performance testing of oil skimmers — Part 2: Static water
conditions

13.040.30 Kakvoća zraka na radnome mjestu

Europska normizacija

- EN 13890:2009
Workplace exposure — Procedures for measuring metals
and metalloids in airborne particles — Requirements and
test methods

13.040.40 Ispuštanja iz nepomičnih izvora

Međunarodna normizacija (ISO)

- ISO 23210:2009
Stationary source emissions — Determination of PM10/PM2,5
mass concentration in flue gas — Measurement at low
concentrations by use of impactors

Europska normizacija

- EN ISO 23210:2009
Stationary source emissions — Determination of PM10/PM2,5
mass concentration in flue gas — Measurement at low
concentrations by use of impactors (ISO 23210:2009)

13.060.30 Kanalizacijske vode

Međunarodna normizacija (ISO)

- ISO 5667-15:2009
Water quality — Sampling — Part 15: Guidance on the
preservation and handling of sludge and sediment samples

Europska normizacija

- EN ISO 5667-15:2009
Water quality — Sampling — Part 15: Guidance on the
preservation and handling of sludge and sediment samples
(ISO 5667-15:2009)

13.060.45 Ispitivanje vode općenito, uključujući uzorkovanje

Međunarodna normizacija (ISO)

- ISO 5667-15:2009
Water quality — Sampling — Part 15: Guidance on the
preservation and handling of sludge and sediment samples

Europska normizacija

EN ISO 5667-15:2009

Water quality — Sampling — Part 15: Guidance on the preservation and handling of sludge and sediment samples (ISO 5667-15:2009)

13.060.50 Ispitivanje voda na kemijske tvari

Međunarodna normizacija (ISO)

ISO 18857-2:2009

Water quality — Determination of selected alkylphenols — Part 2: Gas chromatographic-mass spectrometric determination of alkylphenols, their ethoxylates and bisphenol A in non-filtered samples following solid-phase extraction and derivatisation

13.080.10 Kemijske značajke tla

Međunarodna normizacija (ISO)

ISO 23161:2009

Soil quality — Determination of selected organotin compound — Gas-chromatographic method

13.080.20 Fizikalna svojstva tla

Međunarodna normizacija (ISO)

ISO 11277:2009

Soil quality — Determination of particle size distribution in mineral soil material — Method by sieving and sedimentation

13.080.40 Hidrologijska svojstva tla

Međunarodna normizacija (ISO)

ISO 11274 Technical Corrigendum 1:2009

Soil quality — Determination of the water-retention characteristic — Laboratory methods; Technical Corrigendum 1

13.110 Sigurnost strojeva

Europska normizacija

EN 1837+A1:2009

Safety of machinery — Integral lighting of machines

13.220.01 Zaštita od požara općenito

Međunarodna normizacija (ISO)

ISO/TR 16738:2009

Fire-safety engineering — Technical information on methods for evaluating behaviour and movement of people

13.220.10 Vatrogastvo

Europska normizacija

EN 1846-2:2009

Firefighting and rescue service vehicles — Part 2: Common requirements — Safety and performance

13.220.20 Oprema za zaštitu od požara

Međunarodna normizacija (ISO)

ISO 7240-17:2009

Fire detection and fire alarm systems — Part 17: Short-circuit isolators

Europska normizacija

EN 13565-2/AC:2009

Fixed firefighting systems — Foam systems — Part 2: Design, construction and maintenance

13.220.40 Zapaljivost i ponašanje pri izgaranju gradiva i proizvoda

Međunarodna normizacija (ISO)

ISO/TR 15658:2009

Fire resistance tests — Guidelines for the design and conduct of non-furnace-based large-scale tests and simulation

Europska normizacija

EN 3475-407:2009

Aerospace series — Cables, electrical, aircraft use — Test methods — Part 407: Flammability

EN 1047-2:2009

Secure storage units — Classification and methods of test for resistance to fire — Part 2: Data rooms and data container

13.220.50 Vatrootpornost građevnih gradiva i elemenata

Europska normizacija

EN 13501-1+A1:2009

Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests

EN 13501-2+A1:2009

Fire classification of construction products and building elements — Part 2: Classification using data from fire resistance tests, excluding ventilation services

EN 13501-3+A1:2009

Fire classification of construction products and building elements — Part 3: Classification using data from fire resistance tests on products and elements used in building service installations: fire resisting ducts and fire dampers

EN 13501-4+A1:2009

Fire classification of construction products and building elements — Part 4: Classification using data from fire resistance tests on components of smoke control systems

EN 13501-5+A1:2009

Fire classification of construction products and building elements — Part 5: Classification using data from external fire exposure to roofs tests

13.260 Zaštita od električnog udara

Međunarodna normizacija (IEC)

IEC 60988:2009

Nuclear power plants — Instrumentation important to safety — Acoustic monitoring systems for detection of loose parts: characteristics, design criteria and operational procedures

IEC 61140 Edition 3.1:2009

Protection against electric shock — Common aspects for installation and equipment

Europska normizacija

HD 60364-7-729:2009

Low-voltage electrical installations — Part 7-729: Requirements for special installations or locations — Operating or maintenance gangways (IEC 60364-7-729:2007, modified)

13.280 Zaštita od zračenja

Međunarodna normizacija (IEC)

IEC 62577:2009

Evaluation of human exposure to electromagnetic fields from a stand-alone broadcast transmitter (30 MHz — 40 GHz)

13.310 Zaštita od kriminala

Europska normizacija

EN 1047-2:2009

Secure storage units — Classification and methods of test for resistance to fire — Part 2: Data rooms and data container

13.340.10 Zaštitna odjeća

Međunarodna normizacija (ISO)

- ISO 14116 Technical Corrigendum 1:2009
Protective clothing – Protection against heat and flame – Limited flame spread materials, material assemblies and clothing; Technical Corrigendum 1

13.340.50 Zaštitna obuća

Europska normizacija

- EN 13061:2009
Protective clothing – Shin guards for association football players – Requirements and test methods

13.340.60 Oprema za zaštitu od pada

Međunarodna normizacija (ISO)

- ISO 12401:2009
Small craft – Deck safety harness and safety line – Safety requirements and test methods

17.020 Metrologija i mjerenje općenito

Međunarodna normizacija (ISO)

- ISO/IEC Guide 98-1:2009
Uncertainty of measurement – Part 1: Introduction to the expression of uncertainty in measurement

17.140.01 Akustička mjerenja i smanjenje buke općenito

Europska normizacija

- EN ISO 3741:2009
Acoustics – Determination of sound power levels of noise sources using sound pressure – Precision methods for reverberation rooms (ISO 3741:1999, including Cor 1:2001)
- EN ISO 3743-1:2009
Acoustics – Determination of sound power levels of noise sources – Engineering methods for small, movable sources in reverberant fields – Part 1: Comparison method for hard-walled test rooms (ISO 3743-1:1994)
- EN ISO 3743-2:2009
Acoustics – Determination of sound power levels of noise sources using sound pressure – Engineering methods for small, movable sources in reverberant fields – Part 2: Methods for special reverberation test rooms (ISO 3743-2:1994)
- EN ISO 3744:2009
Acoustics – Determination of sound power levels of noise sources using sound pressure – Engineering method in an essentially free field over a reflecting plane (ISO 3744:1994)
- EN ISO 3745:2009
Acoustics – Determination of sound power levels of noise sources using sound pressure – Precision methods for anechoic and semi-anechoic rooms (ISO 3745:2003)
- EN ISO 3746:2009
Acoustics – Determination of sound power levels of noise sources using sound pressure – Survey method using an enveloping measurement surface over a reflecting plane (ISO 3746:1995, including Cor 1:1995)
- EN ISO 3747:2009
Acoustics – Determination of sound power levels of noise sources using sound pressure – Comparison method in situ (ISO 3747:2000)
- EN ISO 9614-1:2009
Acoustics – Determination of sound power levels of noise sources using sound intensity – Part 1: Measurement at discrete points (ISO 9614-1:1993)
- EN ISO 9614-3:2009
Acoustics – Determination of sound power levels of noise sources using sound intensity – Part 3: Precision method for measurement by scanning (ISO 9614-3:2002)

- EN ISO 11546-1:2009
Acoustics – Determination of sound insulation performances of enclosures – Part 1: Measurements under laboratory conditions (for declaration purposes) (ISO 11546-1:1995)
- EN ISO 11546-2:2009
Acoustics – Determination of sound insulation performances of enclosures – Part 2: Measurements in situ (for acceptance and verification purposes) (ISO 11546-2:1995)
- EN ISO 11957:2009
Acoustics – Determination of sound insulation performance of cabins – Laboratory and in situ measurements (ISO 11957:1996)

17.140.20 Buka koju proizvode strojevi i oprema

Europska normizacija

- EN 415-9:2009
Safety of packaging machines – Part 9: Noise measurement methods for packaging machines, packaging lines and associated equipment, grade of accuracy 2 and 3
- EN ISO 4871:2009
Acoustics – Declaration and verification of noise emission values of machinery and equipment (ISO 4871:1996)
- EN ISO 5136:2009
Acoustics – Determination of sound power radiated into a duct by fans and other air-moving devices – In-duct method (ISO 5136:2003)
- EN ISO 11200:2009
Acoustics – Noise emitted by machinery and equipment – Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions (ISO 11200:1995, including Cor 1:1997)
- EN ISO 11201:2009
Acoustics – Noise emitted by machinery and equipment – Measurement of emission sound pressure levels at a work station and at other specified positions – Engineering method in an essentially free field over a reflecting plane (ISO 11201:1995, including Cor 1:1997)
- EN ISO 11202:2009
Acoustics – Noise emitted by machinery and equipment – Measurement of emission sound pressure levels at a work station and at other specified positions – Survey method in situ (ISO 11202:1995)
- EN ISO 11203:2009
Acoustics – Noise emitted by machinery and equipment – Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level (ISO 11203:1995)
- EN ISO 11204:2009
Acoustics – Noise emitted by machinery and equipment – Measurement of emission sound pressure levels at a work station and at other specified positions – Method requiring environmental corrections (ISO 11204:1995, including Cor 1:1997)
- EN ISO 11205:2009
Acoustics – Noise emitted by machinery and equipment – Engineering method for the determination of emission sound pressure levels in situ at the work station and at other specified positions using sound intensity (ISO 11205:2003)
- EN ISO 11688-1:2009
Acoustics – Recommended practice for the design of low-noise machinery and equipment – Part 1: Planning (ISO/TR 11688-1:1995)
- EN ISO 12001:2009
Acoustics – Noise emitted by machinery and equipment – Rules for the drafting and presentation of a noise test code (ISO 12001:1996)

17.140.30 Buka koju proizvode prijevozna sredstva

Međunarodna normizacija (ISO)

- ISO 14509-3:2009
Small craft – Airborne sound emitted by powered recreational craft – Part 3: Sound assessment using calculation and measurement procedures

Europska normizacija

EN ISO 14509-3:2009

Small craft — Airborne sound emitted by powered recreational craft — Part 3: Sound assessment using calculation and measurement procedures (ISO 14509-3:2009)

17.140.50 Elektroakustika

Međunarodna normizacija (IEC)

IEC 60318-1:2009

Electroacoustics — Simulators of human head and ear — Part 1: Ear simulator for the measurement of supra-aural and circumaural earphones

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija (ISO)

ISO 16063-31:2009

Methods for the calibration of vibration and shock transducers — Part 31: Testing of transverse vibration sensitivity

17.220.01 Elektricitet. Magnetizam. Opći aspekti

Međunarodna normizacija (IEC)

IEC 60059 Edition 2.1:2009

IEC standard current ratings

17.220.20 Mjerenje električnih i magnetskih veličina

Međunarodna normizacija (IEC)

IEC 62110:2009

Electric and magnetic field levels generated by AC power systems — Measurement procedures with regard to public exposure

IEC 62577:2009

Evaluation of human exposure to electromagnetic fields from a stand-alone broadcast transmitter (30 MHz — 40 GHz)

19.120 Analiza veličine čestica. Prosijavanje

Međunarodna normizacija (ISO)

ISO 13320:2009

Particle size analysis — Laser diffraction methods

21.020 Značajke i konstrukcija strojeva, uređaja i opreme

Europska normizacija

EN ISO 4871:2009

Acoustics — Declaration and verification of noise emission values of machinery and equipment (ISO 4871:1996)

EN ISO 11688-1:2009

Acoustics — Recommended practice for the design of low-noise machinery and equipment — Part 1: Planning (ISO/TR 11688-1:1995)

21.060.99 Drugi pričvršćivači

Međunarodna normizacija (ISO)

ISO 10984-1:2009

Timber structures — Dowel-type fasteners — Part 1: Determination of yield moment

ISO 10984-1:2009

Timber structures — Dowel-type fasteners — Part 2: Determination of embedding strength

21.100.10 Ravni ležajevi

Međunarodna normizacija (ISO)

ISO 3548-2:2009

Plain bearings — Thin-walled half bearings with or without flange — Part 2: Measurement of wall thickness and flange thickness

ISO 4378-1:2009

Plain bearings — Terms, definitions, classification and symbols — Part 1: Design, bearing materials and their properties

ISO 4378-2:2009

Plain bearings — Terms, definitions, classification and symbols — Part 2: Friction and wear

ISO 4378-3:2009

Plain bearings — Terms, definitions, classification and symbols — Part 3: Lubrication

ISO 4378-4:2009

Plain bearings — Terms, definitions, classification and symbols — Part 4: Basic symbols

ISO 4378-5:2009

Plain bearings — Terms, definitions, classification and symbols — Part 5: Application of symbols

21.120.40 Uravnoteženje i strojevi za uravnoteženje

Međunarodna normizacija (ISO)

ISO 20806:2009

Mechanical vibration — Criteria and safeguards for the in-situ balancing of medium and large rotors

23.020.10 Nepomični kontejneri i spremnici

Europska normizacija

EN 1993-4-2/AC:2009

Eurocode 3 — Design of steel structures — Part 4-2: Tanks

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija

EN 13445-1:2009

Unfired pressure vessels — Part 1: General

EN 13445-2:2009

Unfired pressure vessels — Part 2: Materials

EN 13445-3:2009

Unfired pressure vessels — Part 3: Design

EN 13445-4:2009

Unfired pressure vessels — Part 4: Fabrication

EN 13445-5:2009

Unfired pressure vessels — Part 5: Inspection and testing

EN 13445-6:2009

Unfired pressure vessels — Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron

EN 13445-8:2009

Unfired pressure vessels — Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys

23.040.20 Plastične cijevi

Međunarodna normizacija (ISO)

ISO 8521:2009

Plastics piping systems — Glass-reinforced thermosetting plastics (GRP) pipes — Test methods for the determination of the apparent initial circumferential tensile strength

- ISO 3213:2009
Polypropylene (PP) pipes — Effect of time and temperature on the expected strength
- ISO 10928:2009
Plastics piping systems — Glass-reinforced thermosetting plastics (GRP) pipes and fittings — Methods for regression analysis and their use
- ISO 13479:2009
Polyolefin pipes for the conveyance of fluids — Determination of resistance to crack propagation — Test method for slow crack growth on notched pipes

Europska normizacija

- EN ISO 13479:2009
Polyolefin pipes for the conveyance of fluids — Determination of resistance to crack propagation — Test method for slow crack growth on notched pipes (ISO 13479:2009)

23.040.45 Plastični fitinzi

Međunarodna normizacija (ISO)

- ISO 10928:2009
Plastics piping systems — Glass-reinforced thermosetting plastics (GRP) pipes and fittings — Methods for regression analysis and their use

23.040.70 Spojevi sipkih cijevi

Međunarodna normizacija (ISO)

- ISO 6804:2009
Rubber and plastics inlet hoses and hose assemblies for washing-machines and dishwashers — Specification

23.060.01 Ventili općenito

Europska normizacija

- EN 12982:2009
Industrial valves — End-to-end and centre-to-end dimensions for butt welding end valves

23.060.40 Regulatori tlaka

Europska normizacija

- EN 12864/A3:2009
Low-pressure, non adjustable regulators having a maximum outlet pressure of less than or equal to 200 mbar, with a capacity of less than or equal to 4 kg/h, and their associated safety devices for butane, propane or their mixtures

23.100.40 Cijevi i spojke

Međunarodna normizacija (ISO)

- ISO 3949:2009
Plastics hoses and hose assemblies — Textile-reinforced types for hydraulic applications — Specification
- ISO 8434-6:2009
Metallic tube connections for fluid power and general use — Part 6: 60° cone connectors with or without O-ring

23.120 Ventilatori. Klimatizacijski uređaji

Europska normizacija

- EN ISO 5136:2009
Acoustics — Determination of sound power radiated into a duct by fans and other air-moving devices — In-duct method (ISO 5136:2003)

25.040.01 Sustavi industrijske automatizacije općenito

Međunarodna normizacija (IEC)

- IEC 81346-1:2009
Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 1: Basic rules
- IEC 81346-2:2009
Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 2: Classification of objects and codes for classes

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija (ISO)

- ISO 18435-1:2009
Industrial automation systems and integration — Diagnostics, capability assessment and maintenance applications integration — Part 1: Overview and general requirements

25.100.01 Alati za rezanje općenito

Međunarodna normizacija (ISO)

- ISO 10643:2009
Dimensions of accessories for cutter arbors with parallel key and tenon drive

25.140.20 Električni alati

Europska normizacija

- EN 60745-1:2009
Hand-held motor-operated electric tools — Safety — Part 1: General requirements (IEC 60745-1:2006, modified)
- EN 60745-2-12:2009
Hand-held motor-operated electric tools — Safety — Part 2-12: Particular requirements for concrete vibrators (IEC 60745-2-12:2003 + A1:2008, modified)
- EN 60745-2-19:2009
Hand-held motor-operated electric tools — Safety — Part 2-19: Particular requirements for jointers (IEC 60745-2-19:2005, modified)
- EN 60745-2-21:2009
Hand-held motor-operated electric tools — Safety — Part 2-21: Particular requirements for drain cleaners (IEC 60745-2-21:2002, modified)

25.140.99 Drugi ručni alati

Europska normizacija

- EN 61029-1:2009
Safety of transportable motor-operated electric tools — Part 1: General requirements (IEC 61029-1:1990, modified)

25.160.01 Zavarivanje, meko i tvrdo lemljenje općenito

Međunarodna normizacija (ISO)

- ISO 4063:2009
Welding and allied processes — Nomenclature of processes and reference numbers

Europska normizacija

- EN ISO 4063:2009
Welding and allied processes — Nomenclature of processes and reference numbers (ISO 4063:2009)

25.160.20 Potrošna gradiva za zavarivanje

Europska normizacija

EN ISO 26304:2009

Welding consumables – Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels – Classification (ISO 26304:2008, including Cor 1:2009)

25.180.01 Industrijske peći općenito

Europska normizacija

EN 746-1+A1:2009

Industrial thermoprocessing equipment – Part 1: Common safety requirements for industrial thermoprocessing equipment

25.220.40 Prevlačenje kovinama

Međunarodna normizacija (ISO)

ISO 1456:2009

Metallic and other inorganic coatings – Electrodeposited coatings of nickel, nickel plus chromium, copper plus nickel and of copper plus nickel plus chromium

Europska normizacija

EN ISO 1456:2009

Metallic and other inorganic coatings – Electrodeposited coatings of nickel, nickel plus chromium, copper plus nickel and of copper plus nickel plus chromium (ISO 1456:2009)

27.020 Motori s unutrašnjim izgaranjem

Europska normizacija

EN ISO 14314:2009

Reciprocal internal combustion engines – Recoil starting equipment – General safety requirements (ISO 14314:2004)

27.060.10 Plamenici za tekuće i kruto gorivo

Europska normizacija

EN 299:2009

Oil pressure atomizing nozzles – Determination of the angle and spray characteristics

27.120.30 Fisijska gradiva

Međunarodna normizacija (ISO)

ISO 9463:2009

Nuclear energy – Nuclear fuel technology – Determination of plutonium in nitric acid solutions by spectrophotometry

29.035.01 Izolacijska gradiva općenito

Međunarodna normizacija (IEC)

IEC 60112 AMD 1:2009

Method for the determination of the proof and the comparative tracking indices of solid insulating materials; Amendment 1

IEC 60626-1:2009

Combined flexible materials for electrical insulation – Part 1: Definitions and general requirements

IEC 60626-2:2009

Combined flexible materials for electrical insulation – Part 2: Methods of test

29.035.20 Plastična i gumena izolacijska gradiva

Međunarodna normizacija (IEC)

IEC 60893-3-5 AMD 1:2009

Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-5: Specifications for individual materials – Requirements for rigid laminated sheets based on polyester resins; Amendment 1

IEC 60893-3-6 AMD 1:2009

Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-6: Specifications for individual materials – Requirements for rigid laminated sheets based on silicone resins; Amendment 1

IEC 60893-3-7 AMD 1:2009

Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-7: Specifications for individual materials – Requirements for rigid laminated sheets based on polyimide resins; Amendment 1

29.035.99 Druga izolacijska gradiva

Međunarodna normizacija (IEC)

IEC 60819-1:2009

Non-cellulosic papers for electrical purposes – Part 1: Definitions and general requirements

29.050 Električno vodljiva gradiva

Međunarodna normizacija (IEC)

IEC/TR 62602:2009

Conductors of insulated cables – Data for AWG and KCML sizes

29.060.10 Žice

Međunarodna normizacija (IEC)

IEC 60851-2:2009

Winding wires – Test methods – Part 2: Determination of dimensions

29.060.20 Kabeli

Međunarodna normizacija (IEC)

IEC 60502-1 AMD 1:2009

Power cables with extruded insulation and their accessories for rated voltages from 1 kV ($U_m = 1,2$ kV) up to 30 kV ($U_m = 36$ kV) – Part 1: Cables for rated voltages of 1 kV ($U_m = 1,2$ kV) and 3 kV ($U_m = 3,6$ kV); Amendment 1

IEC/TR 62602:2009

Conductors of insulated cables – Data for AWG and KCML sizes

29.100.10 Magnetske sastavnice

Međunarodna normizacija (IEC)

IEC 60205 Edition 3.1:2009

Calculation of the effective parameters of magnetic piece parts

IEC 60401-2:2009

Terms and nomenclature for cores made of magnetically soft ferrites – Part 2: Reference of dimensions

29.100.20 Električne i elektromehaničke sastavnice

Međunarodna normizacija (IEC)

IEC 61360-1:2009

Standard data elements types with associated classification scheme for electric items – Part 1: Definitions – Principles and methods

29.120.50 Osigurači i drugi uređaji za nadstrujnu zaštitu

Međunarodna normizacija (IEC)

IEC 60644:2009
Specification for high-voltage fuse-links for motor circuit applications

Europska normizacija

EN 60269-1/A1:2009
Low-voltage fuses – Part 1: General requirements; Amendment 1 (IEC 60269-1:2006/A1:2009)

29.120.70 Sklopnici

Međunarodna normizacija (IEC)

IEC 60255-1:2009
Measuring relays and protection equipment – Part 1: Common requirements
IEC 60255-151:2009
Measuring relays and protection equipment – Part 151: Functional requirements for over/under current protection

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Međunarodna normizacija (IEC)

IEC/TR 62271-301:2009
High-voltage switchgear and controlgear – Part 301: Dimensional standardisation of high-voltage terminals

Europska normizacija

CLC/TR 62271-303:2009
High-voltage switchgear and controlgear – Part 303: Use and handling of sulphur hexafluoride (SF₆) (IEC/TR 62271-303:2008)

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Međunarodna normizacija (IEC)

IEC/PAS 62026-7:2009
Low-voltage switchgear and controlgear – Controller-Device Interfaces (CDIs) – Part 7: CompoNet
IEC 60947-4-1:2009
Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters

29.140.01 Svjetiljke općenito

Međunarodna normizacija (IEC)

IEC/TR 62471-2:2009
Photobiological safety of lamps and lamp systems – Part 2: Guidance on manufacturing requirements relating to non-laser optical radiation safety

Europska normizacija

EN 61547:2009
Equipment for general lighting purposes – EMC immunity requirements (IEC 61547:2009)

29.140.20 Svjetiljke sa žarnom niti

Međunarodna normizacija (IEC)

IEC 60064 AMD 5:2009
Tungsten filament lamps for domestic and similar general lighting purposes – Performance requirements; Amendment 5

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Međunarodna normizacija (IEC)

IEC 62386-207:2009
Digital addressable lighting interface – Part 207: Particular requirements for control gear – LED modules (device type 6)

29.140.40 Rasvjetna tijela

Međunarodna normizacija (IEC)

IEC 60601-2-41:2009
Medical electrical equipment – Part 2-41: Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis

29.180 Transformatori. Prigušnice

Europska normizacija

EN 61558-2-6:2009
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers (IEC 61558-2-6:2009)

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Međunarodna normizacija (IEC)

IEC 60633 Edition 2.1:2009
Terminology for high-voltage direct current (HVDC) transmission

31.040.30 Termistori

Međunarodna normizacija (IEC)

IEC 60738-1 Edition 3.1:2009
Thermistors – Directly heated positive temperature coefficient – Part 1: Generic specification

31.060.99 Drugi kondenzatori

Međunarodna normizacija (IEC)

IEC 62576:2009
Electric double-layer capacitors for use in hybrid electric vehicles – Test methods for electrical characteristics

31.120 Elektronički pokazni uređaji

Međunarodna normizacija (IEC)

IEC 61988-3-2:2009
Plasma Display Panels – Part 3-2: Interface – Electrical interface

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

EN 302625 V 1.1.1
Electromagnetic compatibility and Radio spectrum Matters (ERM) – 5 GHz Broadband Disaster Relief applications (BBDR) – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

33.060.30 Radioreleji i nepomični satelitski komunikacijski sustavi

Europska normizacija

EN 302217-3 V 1.3.1

Fixed Radio Systems — Characteristics and requirements for point-to-point equipment and antennas — Part 3: Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied — Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

33.100.10 Zračenje

Međunarodna normizacija (IEC)

IEC 61000-3-2 Edition 3.2 Corrigendum 1:2009

Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase); Correction 1

33.100.20 Neosjetljivost

Međunarodna normizacija (ISO)

ISO 11452-4 Technical Corrigendum 1:2009

Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 4: Bulk current injection (BCI); Technical Corrigendum 1

Međunarodna normizacija (IEC)

IEC 61000-4-13 Edition 1.1:2009

Electromagnetic compatibility (EMC) — Part 4-13: Testing and measurement techniques — Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests

IEC 61000-4-14 Edition 1.2:2009

Electromagnetic compatibility (EMC) — Part 4-14: Testing and measurement techniques — Voltage fluctuation immunity test for equipment with input current not exceeding 16 A per phase

IEC 61000-4-16 AMD 2:2009

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; Amendment 2

IEC 61000-4-8:2009

Electromagnetic compatibility (EMC) — Part 4-8: Testing and measurement techniques — Power frequency magnetic field immunity test

Europska normizacija

EN 61000-4-13/A1:2009

Electromagnetic compatibility (EMC) — Part 4-13: Testing and measurement techniques — Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests; Amendment 1 (IEC 61000-4-13:2002/A1:2009)

33.120.10 Suosni kabeli. Valovodi

Međunarodna normizacija (IEC)

IEC 61196-1-113:2009

Coaxial communication cables — Part 1-113: Electrical test methods — Test for attenuation constant

IEC 62153-4-11:2009

Metallic communication cable test methods — Part 4-11: Electromagnetic compatibility (EMC) — Coupling attenuation or screening attenuation of patch cords, coaxial cable assemblies, pre-connectorized cables — Absorbing clamp method

IEC 62153-4-12:2009

Metallic communication cable test methods — Part 4-12: Electromagnetic compatibility (EMC) — Coupling attenuation or screening attenuation of connecting hardware — Absorbing clamp method

IEC 62153-4-13:2009

Metallic communication cable test methods — Part 4-13: Electromagnetic compatibility (EMC) — Coupling attenuation of links and channels (laboratory conditions) — Absorbing clamp method

Europska normizacija

EN 60966-2-1:2009

Radio frequency and coaxial cable assemblies — Part 2-1: Sectional specification for flexible coaxial cable assemblies (IEC 60966-2-1:2009)

EN 60966-2-3:2009

Radio frequency and coaxial cable assemblies — Part 2-3: Detail specification for flexible coaxial cable assemblies — Frequency range 0 MHz to 1000 MHz, IEC 61169-8 connectors (IEC 60966-2-3:2009)

EN 60966-2-4:2009

Radio frequency and coaxial cable assemblies — Part 2-4: Detail specification for cable assemblies for radio and TV receivers — Frequency range 0 MHz to 3000 MHz, IEC 61169-2 connectors (IEC 60966-2-4:2009)

EN 60966-2-5:2009

Radio frequency and coaxial cable assemblies — Part 2-5: Detail specification for cable assemblies for radio and TV receivers — Frequency range 0 MHz to 1000 MHz, IEC 61169-2 connectors (IEC 60966-2-5:2009)

EN 60966-2-6:2009

Radio frequency and coaxial cable assemblies — Part 2-6: Detail specification for cable assemblies for radio and TV receivers — Frequency range 0 MHz to 3000 MHz, IEC 61169-24 connectors (IEC 60966-2-6:2009)

33.120.20 Žice i simetrični kabeli

Međunarodna normizacija (IEC)

IEC 61156-1 AMD 1:2009

Multicore and symmetrical pair/quad cables for digital communications — Part 1: Generic specification; Amendment 1

33.120.40 Antene

Europska normizacija

EN 302217-3 V 1.3.1

Fixed Radio Systems — Characteristics and requirements for point-to-point equipment and antennas — Part 3: Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied — Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Europska normizacija

EN 61883-1:2009

Consumer audio/video equipment — Digital interface — Part 1: General (IEC 61883-1:2009)

33.160.25 Televizijski prijamnici

Međunarodna normizacija (IEC)

IEC 62546:2009

High Definition (HD) recording link guidelines

33.160.40 Videosustavi

Međunarodna normizacija (IEC)

IEC 62546:2009

High Definition (HD) recording link guidelines

33.170 Televizijski i radijski prijenos

Međunarodna normizacija (IEC)

IEC 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

Europska normizacija

EN 302 307 V1.2.1

Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications (DVB-S2)

33.180.20 Svjetlovodni vezni uređaji

Međunarodna normizacija (IEC)

IEC 61300-2-1:2009

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-1: Tests – Vibration (sinusoidal)

IEC 61753-081-2:2009

Fibre optic interconnecting devices and passive components performance standard – Part 081-2: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category C – Controlled environments

IEC 62496-3-1:2009

Optical circuit boards – Part 3-1: Performance standards – Flexible optical circuit boards using unconnectorized optical glass fibres

IEC 61753-086-2:2009

Fibre optic interconnecting devices and passive components performance standard – Part 086-2: Non-connectorized single-mode bidirectional 1490 / 1550 nm downstream 1310 nm upstream WDM devices for category C – Controlled environment

IEC 61754-24:2009

Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 24: Type SC-RJ connector family

33.180.30 Optička pojačala

Međunarodna normizacija (IEC)

IEC 62148-16:2009

Fibre optic active components and devices – Package and interface standards – Part 16: Transmitter and receiver components for use with LC connector interface

IEC 62149-5:2009

Fibre optic active components and devices – Performance standards – Part 5: ATM-PON transceivers with LD driver and CDR ICs

35.020 Informacijska tehnika (IT) općenito

Europska normizacija

EN 1047-2:2009

Secure storage units – Classification and methods of test for resistance to fire – Part 2: Data rooms and data container

35.040 Skupovi znakova i informacijsko kodiranje

Međunarodna normizacija (ISO)

ISO/IEC 14496-22:2009

Information technology – Coding of audio-visual objects – Part 22: Open Font Format

ISO/IEC 29199-2:2009

JPEG XR image coding system – Part 2: Image coding specification

ISO/IEC 9798-3 Technical Corrigendum 1:2009

Information technology – Security techniques – Entity authentication – Part 3: Mechanisms using digital signature techniques; Technical Corrigendum 1

ISO/IEC 9798-4 Technical Corrigendum 1:2009

Information technology – Security techniques – Entity authentication – Part 4: Mechanisms using a cryptographic check function; Technical Corrigendum 1

ISO/IEC 9798-6 Technical Corrigendum 1:2009

Information technology – Security techniques – Entity authentication – Part 6: Mechanisms using manual data transfer; Technical Corrigendum 1

ISO/IEC 11770-2 Technical Corrigendum 1:2009

Information technology – Security techniques – Key management – Part 2: Mechanisms using symmetric techniques; Technical Corrigendum 1

ISO/IEC 11770-3 Technical Corrigendum 1:2009

Information technology – Security techniques – Key management – Part 3: Mechanisms using asymmetric techniques; Technical Corrigendum 1

ISO/IEC 11770-4 Technical Corrigendum 1:2009

Information technology – Security techniques – Key management – Part 4: Mechanisms based on weak secrets; Technical Corrigendum 1

ISO/IEC 14496-3:2009

Information technology – Coding of audio-visual objects – Part 3: Audio

ISO/IEC 15459-8:2009

Information technology – Unique identifiers – Part 8: Grouping of transport units

ISO/IEC 23000-4 AMD 2:2009

Information technology – Multimedia application format (MPEG-A) – Part 4: Musical slide show application format; Amendment 2: Conformance and reference software for protected musical slide show application format

Međunarodna normizacija (IEC)

IEC 61360-1:2009

Standard data element types with associated classification scheme for electric items – Part 1: Definitions – Principles and methods

35.060 Jezici koji se upotrebljavaju u informatičkoj tehnici

Međunarodna normizacija (ISO)

ISO/IEC 1989 Technical Corrigendum 3:2009

Information technology – Programming languages – COBOL; Technical Corrigendum 3

ISO/IEC TR 24717:2009

Information technology – Programming languages, their environments and system software interfaces – Collection classes for programming language COBOL

ISO/IEC 1539-1 Technical Corrigendum 4:2009

Information technology – Programming languages – Fortran – Part 1: Base language; Technical Corrigendum 4

ISO/IEC 9945:2009

Information technology – Portable Operating System Interface (POSIX®) Base Specifications, Issue 7

35.080 Razvoj računalne podrške i dokumentacijski sustav

Međunarodna normizacija (IEC)

IEC/TR 80002-1:2009

Medical device software – Part 1: Guidance on the application of ISO 14971 to medical device software

35.100.01 Međupovezivanje otvorenih sustava općenito

Međunarodna normizacija (ISO)

- ISO/IEC 9834-1:2008
Information technology – Open Systems Interconnection – Procedures for the operation of OSI Registration Authorities: General procedures and top arcs of International Object Identifier tree
- ISO/IEC 9834-3:2008
Information technology – Open Systems Interconnection – Procedures for the operation of OSI Registration Authorities: Registration of Object Identifier arcs beneath the top-level arc jointly administered by ISO and ITU-T
- ISO/IEC 9834-7:2008
Information technology – Open Systems Interconnection – Procedures for the operation of OSI Registration Authorities: Joint ISO and ITU-T Registration of International Organizations
- ISO/IEC 9834-8:2008
Information technology – Open Systems Interconnection – Procedures for the operation of OSI Registration Authorities: Generation and registration of Universally Unique Identifiers (UUIDs) and their use as ASN.1 Object Identifier components

35.100.20 Sloj veze između podataka

Međunarodna normizacija (IEC)

- IEC/PAS 61158-3-22:2009
Industrial communication networks – Fieldbus specifications – Part 3-22: Data-link layer service definition – Type SnpTYPE elements
- IEC/PAS 61158-4-22:2009
Industrial communication networks – Fieldbus specifications – Part 4-22: Data-link layer protocol specification – Type SnpTYPE elements
- IEC/PAS 61158-5-22:2009
Industrial communication networks – Fieldbus specifications – Part 5-22: Application layer service definition – Type SnpTYPE elements
- IEC/PAS 61784-3-18:2009
Industrial communication networks – Profiles – Part 3-18: Functional safety fieldbuses – Additional specifications for CPF SnpFAMILY

35.100.60 Sloj prikazivanja

Međunarodna normizacija (ISO)

- ISO/IEC 25437:2009
Information technology – Telecommunications and information exchange between systems – WS-Session – Web services for application session services
- ISO 14813-6:2009
Intelligent transport systems – Reference model architecture(s) for the ITS sector – Part 6: Data presentation in ASN.1

35.100.70 Sloj primjene

Međunarodna normizacija (ISO)

- ISO/IEC 9594-9:2008
Information technology – Open Systems Interconnection – The Directory: Replication

35.110 Umreživanje

Međunarodna normizacija (IEC)

- IEC/PAS 61158-3-22:2009
Industrial communication networks – Fieldbus specifications – Part 3-22: Data-link layer service definition – Type SnpTYPE elements

- IEC/PAS 61158-4-22:2009
Industrial communication networks – Fieldbus specifications – Part 4-22: Data-link layer protocol specification – Type SnpTYPE elements
- IEC/PAS 61158-5-22:2009
Industrial communication networks – Fieldbus specifications – Part 5-22: Application layer service definition – Type SnpTYPE elements
- IEC/PAS 61784-3-18:2009
Industrial communication networks – Profiles – Part 3-18: Functional safety fieldbuses – Additional specifications for CPF SnpFAMILY
- IEC/TR 62443-3-1:2009
Industrial communication networks – Network and system security – Part 3-1: Security technologies for industrial automation and control systems
- IEC/PAS 62633:2009
Industrial communication networks – Profiles – Additional Fieldbus profiles for real-time networks based on ISO/IEC 8802-3 – SnpTYPE

35.160 Mikroprocesorski sustavi

Međunarodna normizacija (IEC)

- IEC/PAS 61158-3-22:2009
Industrial communication networks – Fieldbus specifications – Part 3-22: Data-link layer service definition – Type SnpTYPE elements
- IEC/PAS 61158-4-22:2009
Industrial communication networks – Fieldbus specifications – Part 4-22: Data-link layer protocol specification – Type SnpTYPE elements
- IEC/PAS 61158-5-22:2009
Industrial communication networks – Fieldbus specifications – Part 5-22: Application layer service definition – Type SnpTYPE elements
- IEC/PAS 61784-3-18:2009
Industrial communication networks – Profiles – Part 3-18: Functional safety fieldbuses – Additional specifications for CPF SnpFAMILY

35.200 Sučelna i vezna oprema

Međunarodna normizacija (ISO)

- ISO/IEC TR 14165-312:2009
Information technology – Fibre Channel – Part 312: Avionics environment upper layer protocol (FC-AE-1553)

35.240.15 Identifikacijske kartice i srodni uređaji

Međunarodna normizacija (ISO)

- ISO/IEC 19792:2009
Information technology – Security techniques – Security evaluation of biometrics
- ISO/IEC 29109-1:2009
Information technology – Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 – Part 1: Generalized conformance testing methodology
- ISO/IEC 29794-1:2009
Information technology – Biometric sample quality – Part 1: Framework
- ISO/IEC 24713-3:2009
Information technology – Biometric profiles for interoperability and data interchange – Part 3: Biometrics-based verification and identification of seafarers

Europska normizacija

- CWA 16008-3:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 3: Magnetic Stripe & Chip Card Device Class Interface – Programmer's Reference

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Međunarodna normizacija (ISO)

ISO 15836 Technical Corrigendum 1:2009
Information and documentation – The Dublin Core metadata element set; Technical Corrigendum 1

35.240.40 Primjene IT-a u bankarstvu

Međunarodna normizacija (ISO)

ISO 20022-6:2009
Financial services – UNiversal Financial Industry message scheme – Part 6: Message Transport Characteristics

Europska normizacija

- CWA 16008-1:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 1: Base Architecture – Programmer's Reference
- CWA 16008-2:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 2: Pin Keypad Device Class Interface – Programmer's Reference
- CWA 16008-3:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 3: Magnetic Stripe & Chip Card Device Class Interface – Programmer's Reference
- CWA 16008-4:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 4: Text Input/Output Device Class Interface – Programmer's Reference
- CWA 16008-5:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 5: Cash Dispenser, Recycler and ATM Device Class Interface – Programmer's Reference
- CWA 16008-6:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 6: Printer Device Class Interface – Programmer's Reference
- CWA 16008-7:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 7: Alarm Device Class Interface – Programmer's Reference
- CWA 16008-8:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 8: Sensors and Indicators Unit Device Class Interface – Programmer's Reference
- CWA 16008-9:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 9: Depository Device Class Interface – Programmer's Reference
- CWA 16008-10:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 10: Check Reader/Scanner Device Class Interface – Programmer's Reference
- CWA 16008-11:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 11: Camera Device Class Interface – Programmer's Reference
- CWA 16008-12:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Release 2009 – Part 12: Vendor Dependant Mode Specification – Programmer's Reference
- CWA 16008-13:2009
J/eXtensions for Financial Services (J/XFS) for the Java Platform – Part 13: Scanner Device Class Interface – Programmer's Reference

35.240.50 Primjene IT-a u industriji

Međunarodna normizacija (ISO)

ISO 10303-235:2009
Industrial automation systems and integration – Product data representation and exchange – Part 235: Application protocol: Engineering properties for product design and verification

Međunarodna normizacija (IEC)

- IEC 61003-2:2009
Industrial-process control systems – Instruments with analogue inputs and two or multi-state outputs – Part 2: Guidance for inspection and routine testing
- IEC/PAS 61158-3-22:2009
Industrial communication networks – Fieldbus specifications – Part 3-22: Data-link layer service definition – Type SNpTYPE elements
- IEC/PAS 61158-4-22:2009
Industrial communication networks – Fieldbus specifications – Part 4-22: Data-link layer protocol specification – Type SNpTYPE elements
- IEC/PAS 61158-5-22:2009
Industrial communication networks – Fieldbus specifications – Part 5-22: Application layer service definition – Type SNpTYPE elements
- IEC/PAS 61784-3-18:2009
Industrial communication networks – Profiles – Part 3-18: Functional safety fieldbuses – Additional specifications for CPF SNpFAMILY
- IEC/TR 62443-3-1:2009
Industrial communication networks – Network and system security – Part 3-1: Security technologies for industrial automation and control systems
- IEC/TR 62453-41:2009
Field device tool (FDT) interface specification – Part 41: Object model integration profile – Common object model
- IEC/TR 62453-61:2009
Field device tool interface specification – Device Type Manager (DTM) Styleguide for common object model
- IEC/TR 62453-501:2009
Field device tool (FDT) interface specification – Part 501: Communication implementation for common object model – IEC 61784 CPF 1
- IEC/TR 62453-502:2009
Field device tool (FDT) interface specification – Part 502: Communication implementation for common object model – IEC 61784 CPF 2
- IEC/TR 62453-503-1:2009
Field device tool (FDT) interface specification – Part 503-1: Communication implementation for common object model – IEC 61784 CP 3/1 and CP 3/2
- IEC/TR 62453-503-2:2009
Field device tool (FDT) interface specification – Part 503-2: Communication implementation for common object model – IEC 61784 CP 3/4, CP 3/5 and CP 3/6
- IEC/TR 62453-506:2009
Field device tool (FDT) interface specification – Part 506: Communication implementation for common object model – IEC 61784 CPF 6
- IEC/TR 62453-509:2009
Field device tool (FDT) interface specification – Part 509: Communication implementation for common object model – IEC 61784 CPF 9
- IEC/TR 62453-515:2009
Field device tool (FDT) interface specification – Part 515: Communication implementation for common object model – IEC 61784 CPF 15
- IEC/TR 62633:2009
Industrial communication networks – Profiles – Additional Fieldbus profiles for real-time networks based on ISO/IEC 8802-3 – SNpTYPE
- IEC 81346-1:2009
Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations – Part 1: Basic rules
- IEC 81346-2:2009
Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations – Part 2: Classification of objects and codes for classes

35.240.60 Primjene IT-a u prijevozu i trgovini

Međunarodna normizacija (ISO)

- ISO/IEC 18000-7:2009
Information technology – Radio frequency identification for item management – Part 7: Parameters for active air interface communications at 433 MHz
- ISO 24631-1:2009
Radiofrequency identification of animals – Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code)
- ISO 24631-2:2009
Radiofrequency identification of animals – Part 2: Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785
- ISO 24631-3:2009
Radiofrequency identification of animals – Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785
- ISO 24631-4:2009
Radiofrequency identification of animals – Part 4: Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785
- ISO 14813-6:2009
Intelligent transport systems – Reference model architecture(s) for the ITS sector – Part 6: Data presentation in ASN.1
- ISO/IEC 15459-8:2009
Information technology – Unique identifiers – Part 8: Grouping of transport units
- ISO/IEC 15963:2009
Information technology – Radio frequency identification for item management – Unique identification for RF tags
- ISO 24097-1:2009
Intelligent transport systems – Using web services (machine-machine delivery) for ITS service delivery – Part 1: Realization of interoperable web services

Međunarodna normizacija (IEC)

- IEC 61968-9:2009
Application integration at electric utilities – System interfaces for distribution management – Part 9: Interfaces for meter reading and control

35.240.70 Primjene IT-a u znanosti

Međunarodna normizacija (ISO)

- ISO 19111-2:2009
Geographic information – Spatial referencing by coordinates – Part 2: Extension for parametric values
- ISO 19144-1:2009
Geographic information – Classification systems – Part 1: Classification system structure

Europska normizacija

- EN ISO 19141:2009
Geographic information – Schema for moving features (ISO 19141:2008)

35.240.80 Primjene IT-a u tehnici zaštite zdravlja

Međunarodna normizacija (ISO)

- ISO 12967-1:2009
Health informatics – Service architecture – Part 1: Enterprise viewpoint
- ISO 12967-2:2009
Health informatics – Service architecture – Part 2: Information viewpoint
- ISO 12967-3:2009
Health informatics – Service architecture – Part 3: Computational viewpoint

- ISO/TR 25257:2009
Health informatics – Business requirements for an international coding system for medicinal products
- ISO 25720:2009
Health informatics – Genomic Sequence Variation Markup Language (GSVML)

Međunarodna normizacija (IEC)

- IEC/TR 80002-1:2009
Medical device software – Part 1: Guidance on the application of ISO 14971 to medical device software

35.240.99 Primjene IT-a u drugim područjima

Međunarodna normizacija (ISO)

- ISO/IEC 25437:2009
Information technology – Telecommunications and information exchange between systems – WS-Session – Web services for application session services

Međunarodna normizacija (IEC)

- IEC 62386-207:2009
Digital addressable lighting interface – Part 207: Particular requirements for control gear – LED modules (device type 6)

37.020 Optička oprema

Međunarodna normizacija (ISO)

- ISO 10935:2009
Microscopes – Interfacing connection type C
- ISO 19012-2:2009
Optics and photonics – Designation of microscope objectives – Part 2: Chromatic correction

37.080 Primjene u preslikavanju dokumenata

Međunarodna normizacija (ISO)

- ISO 14648-2 Technical Corrigendum 1:2009
Micrographics – Quality control of COM recorders that generate images using a single internal display system – Part 2: Method of use; Technical Corrigendum 1

43.040.10 Električna i elektronička oprema

Međunarodna normizacija (ISO)

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

43.040.15 Informatika automobila. Računalni sustavi na vozilu

Međunarodna normizacija (ISO)

- ISO 22179:2009
Intelligent transport systems – Full speed range adaptive cruise control (FSRA) systems – Performance requirements and test procedures

43.060.40 Sustavi goriva

Međunarodna normizacija (ISO)

- ISO 22241-4:2009
Diesel engines – NOx reduction agent AUS 32 – Part 4: Refilling interface

43.080.01 Poslovna vozila općenito

Međunarodna normizacija (ISO)

- ISO 11012:2009
Heavy commercial vehicles and buses — Open-loop test methods for the quantification of on-centre handling — Weave test and transition test

43.120 Električna cestovna vozila

Međunarodna normizacija (ISO)

- ISO 6469-1:2009
Electrically propelled road vehicles — Safety specifications — Part 1: On-board rechargeable energy storage system (RESS)
- ISO 6469-2:2009
Electrically propelled road vehicles — Safety specifications — Part 2: Vehicle operational safety means and protection against failures

43.160 Vozila za posebne namjene

Europska normizacija

- EN 15436-4:2009
Road service area maintenance equipment — Part 4: Delivery acceptance of the machines by the users

47.020.01 Brodogradnja i pomorske konstrukcije. Općenito

Međunarodna normizacija (ISO)

- ISO 17338:2009
Ships and marine technology — Drawings for fire protection — Indications of fire rating by divisions for ships and high-speed craft

47.020.30 Cjevovodni sustav

Međunarodna normizacija (ISO)

- ISO 10088:2009
Small craft — Permanently installed fuel systems

47.020.99 Druge norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija (ISO)

- ISO 21072-2:2009
Ships and marine technology — Marine environment protection: performance testing of oil skimmers — Part 2: Static water conditions

47.080 Mali plovni objekti

Međunarodna normizacija (ISO)

- ISO 10088:2009
Small craft — Permanently installed fuel systems
- ISO 12401:2009
Small craft — Deck safety harness and safety line — Safety requirements and test methods
- ISO 14509-3:2009
Small craft — Airborne sound emitted by powered recreational craft — Part 3: Sound assessment using calculation and measurement procedures

Europska normizacija

- EN ISO 12401:2009
Small craft — Deck safety harness and safety line — Safety requirements and test methods (ISO 12401:2009)

- EN ISO 14509-3:2009
Small craft — Airborne sound emitted by powered recreational craft — Part 3: Sound assessment using calculation and measurement procedures (ISO 14509-3:2009)

- EN ISO 10088:2009
Small craft — Permanently installed fuel systems (ISO 10088:2009)

49.020 Zrakoplovi i svemirska vozila općenito

Europska normizacija

- EN 9100:2009
Aerospace series — Quality management systems — Requirements (based on ISO 9001:2000) and Quality systems — Model for quality assurance in design, development, production, installation and servicing (based on ISO 9001:1994)

49.030.20 Klinovi, vijci, podloške

Europska normizacija

- EN 2606:2009
Aerospace series — 60° interface for adaptors, threaded, with locking — Geometric configuration

49.030.30 Matice

Europska normizacija

- EN 3226:2009
Nuts, hexagon, plain, normal height, normal across flats, steel, cadmium plated — Classification 1100 MPa/235 °C

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija

- EN 2812:2009
Aerospace series — Stripping of electric cables
- EN 3475-407:2009
Aerospace series — Cables, electrical, aircraft use — Test methods — Part 407: Flammability
- EN 3475-515:2009
Aerospace series — Cables, electrical, aircraft use — Test methods — Part 515: Crush resistance
- EN 3475-812:2009
Aerospace series — Cables, electrical, aircraft use — Test methods — Part 812: Return loss (VSWR)
- EN 3733-001:2009
Aerospace series — Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous — Part 001: Technical specification
- EN 4199-003:2009
Aerospace series — Bonding straps for aircraft — Part 003: Bonding strap assemblies with flat braided conductor copper, tin plated - 65 °C up to 150 °C and copper, nickel plated - 65 °C up to 260 °C — Product standard
- EN 4199-004:2009
Aerospace series — Bonding straps for aircraft — Part 004: Round bonding straps, copper, tin plated - 65 °C up to 150 °C and nickel plated - 65 °C up to 260 °C — Product standard
- EN 4604-008:2009
Aerospace series — Cable, electrical, for signal transmission — Part 008: Cable, coaxial, 50 ohms, 200°C, Type WD — Product standard
- EN 6049-003:2009
Aerospace series — Electrical cables, installation — Protection sleeve in meta-aramid fibres — Part 003: Braided, tubular, expandable — Product standard
- EN 4604-002:2009
Aerospace series — Cable, electrical, for signal transmission — Part 002: General

EN 6059-502:2009

Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 502: Resistance to electrical arcs

49.080 Zrakoplovni fluidički sustavi i sastavnice

Međunarodna normizacija (ISO)

ISO 2563:2009

Aircraft ducting and piping – Profile dimensions for flanges of V-band couplings

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija

EN 3745-506:2009

Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 506: Impact resistance

49.095 Oprema za putnike i kabine

Europska normizacija

EN 4618:2009

Aerospace series – Aircraft internal air quality standards, criteria and determination methods

53.020.20 Dizalice

Europska normizacija

EN 13157+A1:2009

Cranes – Safety – Hand powered cranes

EN 14238+A1:2009

Cranes – Manually controlled load manipulating devices

53.020.99 Druga oprema za dizanje

Europska normizacija

EN 280+A2:2009

Mobile elevating work platforms – Design calculations – Stability criteria – Construction – Safety – Examinations and tests

53.060 Industrijski kamioni

Međunarodna normizacija (ISO)

ISO 22915-7:2009

Industrial trucks – Verification of stability – Part 7: Bidirectional and multidirectional trucks

ISO 22915-21:2009

Industrial trucks – Verification of stability – Part 21: Order-picking trucks with operator position elevating above 1200 mm

53.100 Strojevi za zemljane radove

Međunarodna normizacija (ISO)

ISO 14401-1:2009

Earth-moving machinery – Field of vision of surveillance and rear-view mirrors – Part 1: Test methods

ISO 14401-2:2009

Earth-moving machinery – Field of vision of surveillance and rear-view mirrors – Part 2: Performance criteria

55.060 Cijevke. Svitci

Međunarodna normizacija (IEC)

IEC 60264-3-1 Edition 2.1:2009

Packaging of winding wires – Part 3-1: Taper barrelled delivery spools – Basic dimensions

IEC 60264-5-1 Edition 1.1:2009

Packaging of winding wires – Part 5-1: Cylindrical barrelled delivery spools with conical flanges – Basic dimensions

55.140 Bačve. Bubnjevi. Kante

Europska normizacija

EN 12707:2009

Plastics drums – Non-removable head (tight head) drums with a nominal capacity of 210 l and 225 l

55.200 Strojevi za pakiranje

Europska normizacija

EN 415-9:2009

Safety of packaging machines – Part 9: Noise measurement methods for packaging machines, packaging lines and associated equipment, grade of accuracy 2 and 3

59.080.01 Tekstili općenito

Međunarodna normizacija (ISO)

ISO 3175-3 Technical Corrigendum 1:2009

Textiles – Professional care, drycleaning and wetcleaning of fabrics and garments – Part 3: Procedure for testing performance when cleaning and finishing using hydrocarbon solvents; Technical Corrigendum 1

ISO 3175-4 Technical Corrigendum 1:2009

Textiles – Professional care, drycleaning and wetcleaning of fabrics and garments – Part 4: Procedure for testing performance when cleaning and finishing using simulated wetcleaning; Technical Corrigendum 1

ISO 23232:2009

Textiles – Aqueous liquid repellency – Water/alcohol solution resistance test

ISO 105-G02 Technical Corrigendum 2:2009

Textiles – Tests for colour fastness – Part G02: Colour fastness to burnt-gas fumes; Technical Corrigendum 2

Europska normizacija

EN 15777:2009

Textiles – Test method for phthalates

59.080.60 Tekstilni podni pokrivači

Međunarodna normizacija (ISO)

ISO 4918:2009

Resilient, textile and laminate floor coverings – Castor chair test

59.120.01 Tekstilni strojevi općenito

Europska normizacija

EN ISO 11111-1:2009

Textile machinery – Safety requirements – Part 1: Common requirements (ISO 11111-1:2009)

59.120.10 Strojevi za predenje, pletenje i tkanje

Europska normizacija

EN ISO 11111-2/A1:2009
Textile machinery – Safety requirements – Part 2: Spinning preparatory and spinning machines – Amendment 1
(ISO 11111-2:2005/Amd 1:2009)

59.120.30 Tkalački stanovi. Automatski tkalački stanovi

Europska normizacija

EN ISO 11111-5/A1:2009
Textile machinery – Safety requirements – Part 5: Preparatory machinery to weaving and knitting – Amendment 1
(ISO 11111-5:2005/Amd 1:2009)

59.120.40 Strojevi za pletenje

Europska normizacija

EN ISO 11111-5/A1:2009
Textile machinery – Safety requirements – Part 5: Preparatory machinery to weaving and knitting – Amendment 1
(ISO 11111-5:2005/Amd 1:2009)

59.120.50 Oprema za bojenje i dotjerivanje

Europska normizacija

EN ISO 11111-7/A1:2009
Textile machinery – Safety requirements – Part 7: Dyeing and finishing machinery – Amendment 1
(ISO 11111-7:2005/Amd 1:2009)

59.120.99 Drugi tekstilni strojevi

Europska normizacija

EN ISO 11111-3/A1:2009
Textile machinery – Safety requirements – Part 3: Nonwoven machinery – Amendment 1
(ISO 11111-3:2005/Amd 1:2009)

EN ISO 11111-4/A1:2009
Textile machinery – Safety requirements – Part 4: Yarn processing, cordage and rope manufacturing machinery – Amendment 1 (ISO 11111-4:2005/Amd 1:2009)

EN ISO 11111-6/A1:2009
Textile machinery – Safety requirements – Part 6: Fabric manufacturing machinery – Amendment 1
(ISO 11111-6:2005/Amd 1:2009)

59.140.40 Strojevi i oprema za proizvodnju kože i krzna

Europska normizacija

EN 930+A2:2009
Footwear, leather and imitation leather goods manufacturing machines – Roughing, scouring, polishing and trimming machines – Safety requirements

EN 12044+A1:2009
Footwear, leather and imitation leather goods manufacturing machines – Cutting and punching machines – Safety requirements

EN 12203+A1:2009
Footwear, leather and imitation leather goods manufacturing machines – Shoe and leather presses – Safety requirements

61.060 Obuća

Europska normizacija

EN 930+A2:2009
Footwear, leather and imitation leather goods manufacturing machines – Roughing, scouring, polishing and trimming machines – Safety requirements

EN 931+A2:2009
Footwear manufacturing machines – Lasting machines – Safety requirements

EN 12044+A1:2009
Footwear, leather and imitation leather goods manufacturing machines – Cutting and punching machines – Safety requirements

EN 12203+A1:2009
Footwear, leather and imitation leather goods manufacturing machines – Shoe and leather presses – Safety requirements

EN 12387+A1:2009
Footwear, leather and imitation leather goods manufacturing machines – Modular shoe repair equipment – Safety requirements

EN 12653+A2:2009
Footwear, leather and imitation leather manufacturing machines – Nailing machines – Safety requirements

65.040.99 Druge norme koje se odnose na gospodarske zgrade i instalacije

Međunarodna normizacija (ISO)

ISO 24631-1:2009
Radiofrequency identification of animals – Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code)

ISO 24631-2:2009
Radiofrequency identification of animals – Part 2: Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785

ISO 24631-3:2009
Radiofrequency identification of animals – Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785

ISO 24631-4:2009
Radiofrequency identification of animals – Part 4: Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785

65.060.01 Poljoprivredni strojevi i oprema općenito

Europska normizacija

EN 15811:2009
Agricultural machinery – Guards for moving parts of power transmission – Guard opening with tool
(ISO/TS 28923:2007 modified)

EN ISO 4254-1:2009
Agricultural machinery – Safety – Part 1: General requirements
(ISO 4254-1:2008)

65.060.25 Oprema za skladištenje, pripremu i raspodjelu gnojiva

Međunarodna normizacija (ISO)

ISO 4254-8:2009
Agricultural machinery – Safety – Part 8: Solid fertilizer distributors

65.060.40 Oprema za njegu biljaka

Međunarodna normizacija (ISO)

- ISO 4254-6:2009
Agricultural machinery – Safety – Part 6: Sprayers and liquid fertilizer distributors
- ISO 28139:2009
Agricultural and forestry machinery – Knapsack combustion-engine-driven mistblowers – Safety requirements

Europska normizacija

- EN ISO 4254-6:2009
Agricultural machinery – Safety – Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2009)
- EN ISO 28139:2009
Agricultural and forestry machinery – Knapsack combustion-engine-driven mistblowers – Safety requirements (ISO 28139:2009)

65.060.80 Oprema za šumarstvo

Međunarodna normizacija (ISO)

- ISO 8082-1:2009
Self-propelled machinery for forestry – Laboratory tests and performance requirements for roll-over protective structures – Part 1: General machines

Međunarodna normizacija (IEC)

- IEC 60745-2-13
Hand-held motor-operated electric tools – Safety – Part 2-13: Particular requirements for chain saws

Europska normizacija

- EN 60745-2-13:2009
Hand-held motor-operated electric tools – Safety – Part 2-13: Particular requirements for chain saws (IEC 60745-2-13:2006, modified)
- EN 60745-2-15:2009
Hand-held motor-operated electric tools – Safety – Part 2-15: Particular requirements for hedge trimmers (IEC 60745-2-15:2006, modified)
- EN 609-1+A2:2009
Agricultural and forestry machinery – Safety of log splitters – Part 1: Wedge splitters
- EN 609-2+A1:2009
Agricultural and forestry machinery – Safety of log splitters – Part 2: Screw splitters

65.120 Tvari za hranidbu životinja

Europska normizacija

- EN 15781:2009
Animal feeding stuffs – Determination of maduramicin-ammonium by reversed-phase HPLC using post-column derivatisation
- EN 15782:2009
Animal feeding stuffs – Determination of nicarbazin – High-performance liquid chromatographic method
- EN 15784:2009
Animal feeding stuffs – Isolation and enumeration of presumptive *Bacillus* spp.
- EN 15785:2009
Animal feeding stuffs – Isolation and enumeration of *Bifidobacterium* spp.
- EN 15786:2009
Animal feeding stuffs – Isolation and enumeration of *Pediococcus* spp.
- EN 15787:2009
Animal feeding stuffs – Isolation and enumeration of *Lactobacillus* spp.
- EN 15788:2009
Animal feeding stuffs – Isolation and enumeration of *Enterococcus* (*E. faecium*) spp.

- EN 15789:2009
Animal feeding stuffs – Isolation and enumeration of yeast probiotic strains
- EN 15791:2009
Animal feeding stuffs – Determination of Deoxynivalenol in animal feed – HPLC method with UV detection and immunoaffinity column clean-up
- EN 15792:2009
Animal feeding stuffs – Determination of zearalenone in animal feed – High performance liquid chromatographic method with fluorescence detection and immunoaffinity column clean-up

67.050 Opće metode za ispitivanje i analizu prehrambenih proizvoda

Međunarodna normizacija (ISO)

- ISO 1871:2009
Food and feed products – General guidelines for the determination of nitrogen by the Kjeldahl method

67.060 Žitarice, mahunjače i proizvodi od žitarica i mahunjača

Međunarodna normizacija (ISO)

- ISO 7971-1:2009
Cereals – Determination of bulk density, called mass per hectolitre – Part 1: Reference method
- ISO 7971-2:2009
Cereals – Determination of bulk density, called mass per hectolitre – Part 2: Method of traceability for measuring instruments through reference to the international standard instrument
- ISO 7971-3:2009
Cereals – Determination of bulk density, called mass per hectolitre – Part 3: Routine method

Europska normizacija

- EN ISO 7971-1:2009
Cereals – Determination of bulk density, called mass per hectolitre – Part 1: Reference method (ISO 7971-1:2009)
- EN ISO 7971-2:2009
Cereals – Determination of bulk density, called mass per hectolitre – Part 2: Method of traceability for measuring instruments through reference to the international standard instrument (ISO 7971-2:2009)
- EN ISO 7971-3:2009
Cereals – Determination of bulk density, called mass per hectolitre – Part 3: Routine method (ISO 7971-3:2009)

67.100.10 Mlijeko i obrađeni mliječni proizvodi

Međunarodna normizacija (ISO)

- ISO 13366-1 Technical Corrigendum 1:2009
Milk – Enumeration of somatic cells – Part 1: Microscopic method (Reference method); Technical Corrigendum 1

Europska normizacija

- EN ISO 13366-1/AC:2009
Milk – Enumeration of somatic cells – Part 1: Microscopic method (Reference method) (ISO 13366-1:2008/Cor 1:2009)

67.190 Čokolada

Međunarodna normizacija (ISO)

- ISO 11053:2009
Vegetable fats and oils – Determination of cocoa butter equivalents in milk chocolate

67.200.10 Životinjske i biljne masti i ulja

Međunarodna normizacija (ISO)

ISO 11053:2009
Vegetable fats and oils — Determination of cocoa butter equivalents in milk chocolate

ISO 28198:2009
Vegetable fats and oils — Determination of toluene insoluble matter

67.200.20 Uljarice

Europska normizacija

EN ISO 659:2009
Oilseeds — Determination of oil content (Reference method) (ISO 659:2009)

EN ISO 17059:2009
Oilseeds — Extraction of oil and preparation of methyl esters of triglyceride fatty acids for analysis by gas chromatography (Rapid method) (ISO 17059:2007)

67.260 Postrojenja i oprema za prehrambenu industriju

Europska normizacija

EN 1974+A1:2009
Food processing machinery — Slicing machines — Safety and hygiene requirements

EN 12041+A1:2009
Food processing machinery — Moulders — Safety and hygiene requirements

71.040.20 Laboratorijsko posuđe i srodni uređaji

Međunarodna normizacija (IEC)

IEC 61010-2-081 Edition 1.1:2009
Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes

71.040.50 Fizikalnokemijske metode analize

Međunarodna normizacija (ISO)

ISO 24173:2009
Microbeam analysis — Guidelines for orientation measurement using electron backscatter diffraction

71.080.60 Alkoholi. Eteri

Europska normizacija

EN 15376+A1:2009
Automotive fuels — Ethanol as a blending component for petrol — Requirements and test methods

71.100.01 Proizvodi kemijske industrije općenito

Međunarodna normizacija (IEC)

IEC 62624:2009
Test methods for measurement of electrical properties of carbon nanotubes

71.100.60 Eterična ulja

Međunarodna normizacija (ISO)

ISO 4720:2009
Essential oils — Nomenclature

71.100.70 Kozmetika. Drogerijska roba

Međunarodna normizacija (ISO)

ISO/TR 26369:2009
Cosmetics — Sun protection test methods — Review and evaluation of methods to assess the photoprotection of sun protection products

Europska normizacija

CEN ISO/TR 26369:2009
Cosmetics — Sun protection test methods — Review and evaluation of methods to assess the photoprotection of sun protection products (ISO/TR 26369:2009)

71.100.80 Kemikalije za pročišćivanje vode

Europska normizacija

EN 973:2009
Chemicals used for treatment of water intended for human consumption — Sodium chloride for regeneration of ion exchangers

EN 1405:2009
Chemicals used for treatment of water intended for human consumption — Sodium alginate

EN 1406:2009
Chemicals used for treatment of water intended for human consumption — Modified starches

73.060.10 Željezne rude

Međunarodna normizacija (ISO)

ISO 3082 Technical Corrigendum 1:2009
Iron ores — Sampling and sample preparation procedures; Technical Corrigendum 1

75.060 Prirodni plin

Europska normizacija

EN ISO 12213-1:2009
Natural gas — Calculation of compression factor — Part 1: Introduction and guidelines (ISO 12213-1:2006)

EN ISO 12213-2:2009
Natural gas — Calculation of compression factor — Part 2: Calculation using molar-composition analysis (ISO 12213-2:2006)

EN ISO 12213-3:2009
Natural gas — Calculation of compression factor — Part 3: Calculation using physical properties (ISO 12213-3:2006)

75.120 Hidraulički fluidi

Međunarodna normizacija (ISO)

ISO 11158:2009
Lubricants, industrial oils and related products (class L) — Family H (hydraulic systems) — Specifications for categories HH, HL, HM, HV and HG

75.140 Vosak, smolasta gradiva i drugi naftni proizvodi

Europska normizacija

- EN 15322:2009
Bitumen and bituminous binders – Framework for specifying cut-back and fluxed bituminous binders

75.160.10 Kruta goriva

Europska normizacija

- CEN/TR 15569:2009
Solid biofuels – A guide for a quality assurance system

75.160.20 Ukapljena goriva

Europska normizacija

- EN 15376+A1:2009
Automotive fuels – Ethanol as a blending component for petrol – Requirements and test methods

75.180.10 Oprema za iskorištavanje i vađenje

Međunarodna normizacija (ISO)

- ISO 15463 Technical Corrigendum 1:2009
Petroleum and natural gas industries – Field inspection of new casing, tubing and plain-end drill pipe; Technical Corrigendum 1
- ISO 17824:2009
Petroleum and natural gas industries – Downhole equipment – Sand screens

77.040.10 Mehaničko ispitivanje kovina

Međunarodna normizacija (ISO)

- ISO 6892-1:2009
Metallic materials – Tensile testing – Part 1: Method of test at room temperature

Europska normizacija

- EN ISO 6892-1:2009
Metallic materials – Tensile testing – Part 1: Method of test at room temperature (ISO 6892-1:2009)

79.120.10 Strojevi za obradu drveta

Europska normizacija

- EN 860+A1:2009
Safety of woodworking machines – One side thickness planing machines
- EN 861+A1:2009
Safety of woodworking machines – Surface planing and thicknessing machines
- EN 940:2009
Safety of woodworking machines – Combined woodworking machines
- EN 1870-4+A1:2009
Safety of woodworking machines – Circular sawing machines – Part 4: Multiblade rip sawing machines with manual loading and/or unloading
- EN 12750+A1:2009
Safety of woodworking machines – Four-sided moulding machines
- EN 1218-1+A1:2009
Safety of woodworking machines – Tenoning machines – Part 1: Single end tenoning machines with sliding table

- EN 1218-5+A1:2009
Safety of woodworking machines – Tenoning machines – Part 5: One side profiling machines with fixed table and feed rollers or feed chain
- EN 1807+A1:2009
Safety of woodworking machines – Band sawing machines
- EN 1870-5+A1:2009
Safety of woodworking machines – Circular sawing machines – Part 5: Circular sawbenches/up-cutting cross-cut sawing machines
- EN 1870-7+A1:2009
Safety of woodworking machines – Circular sawing machines – Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading
- EN 1870-8+A1:2009
Safety of woodworking machines – Circular sawing machines – Part 8: Single blade edging circular rip sawing machines with power driven saw unit and manual loading and/or unloading
- EN 1870-9+A1:2009
Safety of woodworking machines – Circular sawing machines – Part 9: Double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading
- EN 1870-10+A1:2009
Safety of woodworking machines – Circular sawing machines – Part 10: Single blade automatic and semi-automatic up-cutting cross-cut sawing machines
- EN 1870-11+A1:2009
Safety of woodworking machines – Circular sawing machines – Part 11: Semi-automatic and automatic horizontal cross-cut sawing machines with one saw unit (radial arm saws)
- EN 1870-17+A2:2009
Safety of woodworking machines – Circular sawing machines – Part 17: Manual horizontal cutting cross-cut sawing machines with one saw unit (manual radial arm saws)
- EN 12779+A1:2009
Safety of woodworking machines – Chip and dust extraction systems with fixed installation – Safety related performances and safety requirements

81.060.30 Keramika

Europska normizacija

- EN 843-6:2009
Advanced technical ceramics – Mechanical properties of monolithic ceramics at room temperature – Part 6: Guidance for fractographic investigation

81.100 Oprema za industriju stakla i keramike

Europska normizacija

- EN 13035-3+A1:2009
Machines and plants for the manufacture, treatment and processing of flat glass – Safety requirements – Part 3: Cutting machines
- EN 13042-3+A1:2009
Machines and plants for the manufacture, treatment and processing of hollow glass – Safety requirements – Part 3: IS machines

83.040.10 Lateks i sirova guma

Međunarodna normizacija (ISO)

- ISO 2006-1:2009
Rubber latex, synthetic – Determination of mechanical stability – Part 1: High-speed method
- ISO 2006-2:2009
Rubber latex, synthetic – Determination of mechanical stability – Part 2: Moderate-speed method under load

83.060 Guma

Međunarodna normizacija (ISO)

- ISO 1658:2009
Natural rubber (NR) – Evaluation procedure
- ISO 4662:2009
Rubber, vulcanized or thermoplastic – Determination of rebound resilience
- ISO 2322:2009
Styrene-butadiene rubber (SBR) – Emulsion- and solution-polymerized types – Evaluation procedures
- ISO 2476:2009
Butadiene rubber (BR) – Solution-polymerized types – Evaluation procedures

83.080.10 Termostatična gradiva

Međunarodna normizacija (ISO)

- ISO 21627-1:2009
Plastics – Epoxy resins – Determination of chlorine content – Part 1: Inorganic chlorine
- ISO 21627-2:2009
Plastics – Epoxy resins – Determination of chlorine content – Part 2: Easily saponifiable chlorine
- ISO 21627-3:2009
Plastics – Epoxy resins – Determination of chlorine content – Part 3: Total chlorine

Europska normizacija

- EN ISO 21627-1:2009
Plastics – Epoxy resins – Determination of chlorine content – Part 1: Inorganic chlorine (ISO 21627-1:2009)
- EN ISO 21627-2:2009
Plastics – Epoxy resins – Determination of chlorine content – Part 2: Easily saponifiable chlorine (ISO 21627-2:2009)
- EN ISO 21627-3:2009
Plastics – Epoxy resins – Determination of chlorine content – Part 3: Total chlorine (ISO 21627-3:2009)

83.120 Armirana plastika

Međunarodna normizacija (ISO)

- ISO 18352:2009
Carbon-fibre-reinforced plastics – Determination of compression-after-impact properties at a specified impact-energy level

83.140.40 Sipke cijevi

Međunarodna normizacija (ISO)

- ISO 3949:2009
Plastics hoses and hose assemblies – Textile-reinforced types for hydraulic applications – Specification

83.140.99 Drugi gumeni i plastični proizvodi

Međunarodna normizacija (ISO)

- ISO 25518:2009
Single-use rubber gloves for general applications – Specification

85.080.30 Karton

Međunarodna normizacija (ISO)

- ISO 11093-5:2009
Paper and board – Testing of cores – Part 5: Determination of characteristics of concentric rotation

87.040 Boje i lakovi

Međunarodna normizacija (ISO)

- ISO 28199-1:2009
Paints and varnishes – Evaluation of properties of coating systems related to the application process – Part 1: Relevant vocabulary and preparation of test panels
- ISO 28199-2:2009
Paints and varnishes – Evaluation of properties of coating systems related to the application process – Part 2: Colour stability, process hiding power, re-dissolving, overspray absorption, wetting, surface texture and mottling
- ISO 28199-3:2009
Paints and varnishes – Evaluation of properties of coating systems related to the application process – Part 3: Visual assessment of sagging, formation of bubbles, pinholing and hiding power

Europska normizacija

- EN ISO 28199-1:2009
Paints and varnishes – Evaluation of properties of coating systems related to the application process – Part 1: Relevant vocabulary and preparation of test panels (ISO 28199-1:2009)
- EN ISO 28199-2:2009
Paints and varnishes – Evaluation of properties of coating systems related to the application process – Part 2: Colour stability, process hiding power, re-dissolving, overspray absorption, wetting, surface texture and mottling (ISO 28199-2:2009)
- EN ISO 28199-3:2009
Paints and varnishes – Evaluation of properties of coating systems related to the application process – Part 3: Visual assessment of sagging, formation of bubbles, pinholing and hiding power (ISO 28199-3:2009)

87.100 Oprema za premazivanje bojom

Europska normizacija

- EN 12215+A1:2009
Coating plants – Spray booths for application of organic liquid coating materials – Safety requirements

91.010.30 Tehnički aspekti

Europska normizacija

- EN 1991-1-4/AC:2009
Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions
- EN 1993-1-8/AC:2009
Eurocode 3: Design of steel structures – Part 1-8: Design of joints
- EN 1993-2/AC:2009
Eurocode 3 – Design of steel structures – Part 2: Steel Bridges
- EN 1993-4-2/AC:2009
Eurocode 3 – Design of steel structures – Part 4-2: Tanks
- EN 1996-1-1/AC:2009
Eurocode 6 – Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures

91.060.20 Krovovi

Europska normizacija

- EN 13501-5:2005+A1:2009
Fire classification of construction products and building elements – Part 5: Classification using data from external fire exposure to roofs tests

91.080.10 Kovinske konstrukcije

Europska normizacija

- EN 1993-1-8/AC:2009
Eurocode 3: Design of steel structures — Part 1-8: Design of joints
- EN 1993-2/AC:2009
Eurocode 3 — Design of steel structures — Part 2: Steel Bridges
- EN 1993-4-2/AC:2009
Eurocode 3 — Design of steel structures — Part 4-2: Tanks

91.080.20 Drvene konstrukcije

Međunarodna normizacija (ISO)

- ISO 10984-1:2009
Timber structures — Dowel-type fasteners — Part 1: Determination of yield moment
- ISO 10984-2:2009
Timber structures — Dowel-type fasteners — Part 2: Determination of embedding strength

Europska normizacija

- EN 15736:2009
Timber Structures — Test methods — Withdrawal capacity of punched metal plate fasteners in handling and erection of prefabricated trusses
- EN 15737:2009
Timber Structures — Test methods — Torsional resistance of driving in screws

91.080.30 Zidarstvo

Europska normizacija

- EN 1996-1-1/AC:2009
Eurocode 6 — Design of masonry structures — Part 1-1: General rules for reinforced and unreinforced masonry structures

91.100.10 Cement. Gips. Vapno. Žbuka

Europska normizacija

- EN 520+A1:2009
Gypsum plasterboards — Definitions, requirements and test methods
- EN 15283-1+A1:2009
Gypsum boards with fibrous reinforcement — Definitions, requirements and test methods — Part 1: Gypsum boards with mat reinforcement
- EN 15283-2+A1:2009
Gypsum boards with fibrous reinforcement — Definitions, requirements and test methods — Part 2: Gypsum fibre boards
- EN 480-13:2009
Admixtures for concrete, mortar and grout — Test methods — Part 13: Reference masonry mortar for testing mortar admixtures

91.100.30 Beton i betonski proizvodi

Europska normizacija

- EN 480-10:2009
Admixtures for concrete, mortar and grout — Test methods — Part 10: Determination of water soluble chloride content
- EN 934-3:2009
Admixtures for concrete, mortar and grout — Part 3: Admixtures for masonry mortar — Definitions, requirements, conformity and marking and labelling

91.100.50 Veziva. Brtvena gradiva

Europska normizacija

- EN 15322:2009
Bitumen and bituminous binders — Framework for specifying cut-back and fluxed bituminous binders

91.120.20 Akustika u zgradama. Zvučna izolacija

Europska normizacija

- EN ISO 7235:2009
Acoustics — Laboratory measurement procedures for ducted silencers and air-terminal units — Insertion loss, flow noise and total pressure loss (ISO 7235:2003)
- EN ISO 11691:2009
Acoustics — Measurement of insertion loss of ducted silencers without flow — Laboratory survey method (ISO 11691:1995)

91.140.50 Sustavi opskrbe strujom

Međunarodna normizacija (IEC)

- IEC 60364-5-56:2009
Low-voltage electrical installations — Part 5-56: Selection and erection of electrical equipment — Safety services
- IEC 60364-7-717:2009
Low-voltage electrical installations — Part 7-717: Requirements for special installations or locations — Mobile or transportable units
- IEC 61140 Edition 3.1:2009
Protection against electric shock — Common aspects for installation and equipment

Europska normizacija

- HD 60364-7-729:2009
Low-voltage electrical installations — Part 7-729: Requirements for special installations or locations — Operating or maintenance gangways (IEC 60364-7-729:2007, modified)

91.140.90 Dizala. Pokretne stube

Europska normizacija

- EN 81-21:2009
Safety rules for the construction and installation of lifts — Lifts for the transport of persons and goods — Part 21: New passenger and goods passenger lifts in existing building

91.160.10 Unutrašnja rasvjeta

Europska normizacija

- EN 1837+A1:2009
Safety of machinery — Integral lighting of machines

91.190 Građevni pribor

Europska normizacija

- CEN/TR 15894:2009
Building hardware — Door fittings for use by children, elderly and disabled people in domestic and public buildings — A guide for specifiers

93.040 Mostogradnja

Europska normizacija

- EN 1993-2/AC:2009
Eurocode 3 — Design of steel structures — Part 2: Steel Bridges

97.030 Kućanska električna oprema općenito

Međunarodna normizacija (IEC)

IEC 60335-2-59 AMD 2:2009
Household and similar electrical appliances – Safety – Part 2-59: Particular requirements for insect killers; Amendment 2

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija (IEC)

IEC 60335-2-42 Edition 5.1:2009
Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens

97.040.40 Strojevi za pranje posuđa

Međunarodna normizacija (ISO)

ISO 6804:2009
Rubber and plastics inlet hoses and hose assemblies for washing-machines and dishwashers – Specification

Međunarodna normizacija (IEC)

IEC 60436 AMD 1:2009
Electric dishwashers for household use – Methods for measuring the performance; Amendment 1

97.040.50 Mali kuhinjski uređaji

Međunarodna normizacija (IEC)

IEC 60335-2-74 AMD 2:2009
Household and similar electrical appliances – Safety – Part 2-74: Particular requirements for portable immersion heaters; Amendment 2

97.060 Praonički uređaji

Međunarodna normizacija (ISO)

ISO 6804:2009
Rubber and plastics inlet hoses and hose assemblies for washing-machines and dishwashers – Specification

97.080 Uređaji za čišćenje podova

Europska normizacija

EN 60335-2-67:2009
Household and similar electrical appliances – Safety – Part 2-67: Particular requirements for floor treatment and floor cleaning machines for commercial use (IEC 60335-2-67:2002 + A1:2005, modified)

EN 60335-2-68:2009
Household and similar electrical appliances – Safety – Part 2-68: Particular requirements for spray extraction machines for commercial use (IEC 60335-2-68:2002 + A1:2005 + A2:2007, modified)

97.100.10 Električni grijači

Međunarodna normizacija (IEC)

IEC 60335-2-73 AMD 2:2009
Household and similar electrical appliances – Safety – Part 2-73: Particular requirements for fixed immersion heaters; Amendment 2

97.150 Netekstilni podni prekrivači

Međunarodna normizacija (ISO)

ISO 4918:2009
Resilient, textile and laminate floor coverings – Castor chair test

97.200.10 Oprema za kazalište, scenu i studio

Europska normizacija

CEN/TR 15913:2009
Spectator facilities – Layout criteria for viewing area for spectators with special needs

97.200.50 Igračke

Europska normizacija

EN 71-8+A4:2009
Safety of toys – Part 8: Swings, slides and similar activity toys for indoor and outdoor family domestic use

EN 71-4:2009
Safety of toys – Part 4: Experimental sets for chemistry and related activities