

Hrvatski zavod za norme

Oglasnik za normativne dokumente

2/2013 travanj, 2013.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

A75

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4 Obavijesti HZN-a

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| 4.1 | Cjenik hrvatskih norma | |
|-----|------------------------|--|

Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

Oznaka načina prihvaćanja navedena je uz referencijsku oznaku hrvatske norme.

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

HZN/TO 21, *Protupožarna i vatrogasna oprema*

- HRN EN ISO 5923:2013 en pr
Oprema za zaštitu od požara i gašenje požara – Mediji za gašenje požara – Ugljikov dioksid (ISO 5923:2012; EN ISO 5923:2012)
Equipment for fire protection and fire fighting – Fire extinguishing media – Carbon dioxide (ISO 5923:2012; EN ISO 5923:2012)

HZN/TO 22, *Cestovna vozila*

- HRN EN ISO 18542-1:2013 en pr
Cestovna vozila – Normirano nazivlje u informacijama za popravak i održavanje vozila (RMI) – 1. dio: Opće informacije i definicija slučaja uporabe (use case) (ISO 18542-1:2012; EN ISO 18542-1:2012)
Road vehicles – Standardized repair and maintenance information (RMI) terminology – Part 1: General information and use case definition (ISO 18542-1:2012; EN ISO 18542-1:2012)

HZN/TO 23, *Traktori i strojevi za poljoprivredu i šumarstvo*

- HRN EN ISO 4254-12:2013 en pr
Agricultural machinery – Safety – Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012; EN ISO 4254-12:2012)

HZN/TO 28, *Naftni proizvodi i maziva*

- HRN ISO 1998-5:2013 hr,en,fr pp
Naftna industrija – Nazivlje – 5. dio: Prijevoz, skladištenje i distribucija (ISO 1998-5:1998+Cor.1:1999)
Petroleum industry – Terminology – Part 5: Transport, storage, distribution (ISO 1998-5:1998+Cor. 1:1999)
- HRN ISO 1998-7:2013 hr,en,fr pp
Naftna industrija – Nazivlje – 7. dio: Razni nazivi (ISO 1998-7:1998)
Petroleum industry – Terminology – Part 7: Miscellaneous terms (ISO 1998-7:1998)
- HRN EN 14274:2013 en pr
Goriva za motorna vozila – Ocjena kvalitete benzina i dizelskoga goriva – Sustav nadzora kvalitete goriva (FQMS) (EN 14274:2013)
Automotive fuels – Assessment of petrol and diesel quality – Fuel quality monitoring system (FQMS) (EN 14274:2013)
- HRN EN 14275:2013 en pr
Goriva za motorna vozila – Ocjena kvalitete benzina i dizelskoga goriva – Uzorkovanje iz pumpi na benzinskim postajama i komercijalnih istakača goriva (EN 14275:2013)
Automotive fuels – Assessment of petrol and diesel fuel quality – Sampling from retail site pumps and commercial site fuel dispensers (EN 14275:2013)

- HRI CEN/TR 15993:2013 en pr
Goriva za motorna vozila – Etanol (E85) gorivo za motorna vozila – Osnova zahtijevanih veličina i njihove granične vrijednosti i određivanje (CEN/TR 15993:2013)
Automotive fuels – Ethanol (E85) automotive fuel – Background to the parameters required and their respective limits and determination (CEN/TR 15993:2013)

- HRN EN 16143:2013 en pr
Naftni proizvodi – Određivanje količine benzo(a)pirena (BaP) i odabranih policikličkih aromatskih ugljikovodika (PAH) u omekšivačima u gumarskoj industriji – Postupak dvostrukog čišćenja tekućinskom kromatografijom (LP) i plinskim kromatografskim masenim spektrofotometrom (EN 16143:2013)
Petroleum products – Determination of content of Benzo(a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils – Procedure using double LC cleaning and GC/MS analysis (EN 16143:2013)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

- HRN EN 16104:2013 en pr
Podaci o hrani – Struktura i oblik za razmjenu (EN 16104:2012)
Food data – Structure and interchange format (EN 16104:2012)

HZN/TO 34/PO 4, *Poljoprivredni i prehrambeni proizvodi; Žito i proizvodi od žita*

- HRN EN 15587:2008/Ispr.1:2013 en pr
Žitarice i proizvodi od žitarica – Određivanje količine stranih tvari u krušnoj pšenici (*Triticum aestivum* L.), tvrdoj pšenici (*T.durum* Desf.), raži (*Secale cereale* L.) i stočnom ječmu (*Hordeum vulgare* L.) (EN 15587:2008/AC:2009)
Cereals and cereal products – Determination of Besatz in wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.) and feed barley (*Hordeum vulgare* L.) (EN 15587:2008/AC:2009)

HZN/TO 34/PO 17, *Poljoprivredni i prehrambeni proizvodi; Sustavi upravljanja za sigurnost hrane*

- HRS ISO/TS 22002-2:2013 en pr
Preduvjetni programi za sigurnost hrane – 2. dio: Katering (ISO/TS 22002-2:2013)
Prerequisite programmes on food safety – Part 2: Catering (ISO/TS 22002-2:2013)
- HRS ISO/TS 22002-3:2013 hr pp
Preduvjetni programi za sigurnost hrane – 3. dio: Poljoprivreda (ISO/TS 22002-3:2011)
Prerequisite programmes on food safety – Part 3: Farming (ISO/TS 22002-3:2011)

HZN/TO 35, *Boje i lakovi*

- HRN EN 927-3:2013 en pr
Boje i lakovi – Materijali i sustavi za premazivanje za vanjsko drvo – 3. dio: Ispitivanje prirodnim starenjem (EN 927-3:2012)
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 3: Natural weathering test (EN 927-3:2012)
- HRN EN ISO 2812-3:2013 en pr
Boje i lakovi – Određivanje otpornosti na kapljevine – 3. dio: Metoda primjenom apsorpcijskog sredstva (ISO 2812-3:2012; EN ISO 2812-3:2012)
Paints and varnishes – Determination of resistance to liquids – Part 3: Method using an absorbent medium (ISO 2812-3:2012; EN ISO 2812-3:2012)

- HRN EN ISO 3233-1:2013 en pr
Boje i lakovi – Određivanje volumnog postotka nehlapljivih tvari – 1. dio: Metoda s upotrebom presvučene ispitne ploče za određivanje nehlapljivih tvari i određivanje gustoće suhog filma po Arhimedovom načelu (ISO 3233-1:2013; EN ISO 3233-1:2013)
Paints and varnishes – Determination of the percentage volume of non-volatile matter – Part 1: Method using a coated test panel to determine non-volatile matter and to determine dry film density by the Archimedes principle (ISO 3233-1:2013; EN ISO 3233-1:2013)
- HRN EN ISO 4628-8:2013 en pr
Boje i lakovi – Procjena propadanja prevlaka – Označivanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 8. dio: Ocjenjivanje stupnja raslojavanja i korozije oko ogrebotine ili drugog umjetnog oštećenja (ISO 4628-8:2012; EN ISO 4628-8:2012)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 8: Assessment of degree of delamination and corrosion around a scribe or other artificial defect (ISO 4628-8:2012; EN ISO 4628-8:2012)
- HRN EN ISO 9117-4:2013 en pr
Boje i lakovi – Ispitivanja sušenja – 4. dio: Ispitivanje upotrebom mehaničkog zapisivača (ISO 9117-4:2012; EN ISO 9117-4:2012)
Paints and varnishes – Drying tests – Part 4: Test using a mechanical recorder (ISO 9117-4:2012; EN ISO 9117-4:2012)
- HRN EN ISO 9117-5:2013 en pr
Boje i lakovi – Ispitivanja sušenja – 5. dio: Modificiran Bandow-Wolffjev test (ISO 9117-5:2012; EN ISO 9117-5:2012)
Paints and varnishes – Drying tests – Part 5: Modified Bandow-Wolff test (ISO 9117-5:2012; EN ISO 9117-5:2012)
- HRN EN ISO 9117-6:2013 en pr
Boje i lakovi – Ispitivanja sušenja – 6. dio: Ispitivanje otiska (ISO 9117-6:2012; EN ISO 9117-6:2012)
Paints and varnishes – Drying tests – Part 6: Print-free test (ISO 9117-6:2012; EN ISO 9117-6:2012)
- HRN EN ISO 13076:2013 en pr
Boje i lakovi – Rasvjeta i postupak za vizualnu procjenu premaza (ISO 13076:2012; EN ISO 13076:2012)
Paints and varnishes – Lighting and procedure for visual assessments of coatings (ISO 13076:2012; EN ISO 13076:2012)
- HRN EN ISO 13129:2013 en pr
Boje i lakovi – Elektrokemijsko mjerenje zaštite čelika premazima boje – Tehnika strujnog prekidanja (CI), relaksacijska voltametrija (RV) i mjerenja tranzijentne istosmjerne struje (DCT) (ISO 13129:2012; EN ISO 13129:2012)
Paints and varnishes – Electrochemical measurement of the protection provided to steel by paint coatings – Current interrupter (CI) technique, relaxation voltammetry (RV) technique and DC transient (DCT) measurements (ISO 13129:2012; EN ISO 13129:2012)
- HRN EN ISO 13632:2013 en pr
Veziva za boje i lakove – Smola – Uzorkovanje i priprema uzorka za mjerenje boje (ISO 13632:2012; EN ISO 13632:2012)
Binders for paints and varnishes – Rosin – Sampling and sample preparation for colour measurement (ISO 13632:2012; EN ISO 13632:2012)
- HRN EN ISO 15091:2013 en pr
Boje i lakovi – Određivanje električne provodljivosti i otpora (ISO 15091:2012; EN ISO 15091:2012)
Paints and varnishes – Determination of electrical conductivity and resistance (ISO 15091:2012; EN ISO 15091:2012)
- HRN EN ISO 15110:2013 en pr
Boje i lakovi – Umjetno starenje uključujući kiselinso taloženje (ISO 15110:2013; EN ISO 15110:2013)
Paints and varnishes – Artificial weathering including acidic deposition (ISO 15110:2013; EN ISO 15110:2013)
- HRN EN ISO 15184:2013 en pr
Boje i lakovi – Određivanje tvrdoće filma ispitivanjem s olovkom (ISO 15184:2012; EN ISO 15184:2012)
Paints and varnishes – Determination of film hardness by pencil test (ISO 15184:2012; EN ISO 15184:2012)
- HRN EN 16105:2013 en pr
Boje i lakovi – Laboratorijska metoda za određivanje otpuštanja tvari iz premaza koji su u povremenom kontaktu s vodom (EN 16105:2011)
Paints and varnishes – Laboratory method for determination of release of substances from coatings in intermittent contact with water (EN 16105:2011)
- HRN EN ISO 20566:2013 en pr
Boje i lakovi – Određivanje otpornosti sustava premaza na grebanje upotrebom laboratorijske autopraonice (ISO 20566:2013; EN ISO 20566:2013)
Paints and varnishes – Determination of the scratch resistance of a coating system using a laboratory-scale car-wash (ISO 20566:2013; EN ISO 20566:2013)

HZN/TO 44, Zavarivanje i srodni postupci

- HRN EN 1708-3:2013 en pr
Zavarivanje – Osnovni detalji zavarenog spoja na čeliku – 3. dio: Vanjsko oblaganje platiniranjem, oblaganje navarivanjem međuslojeva, oblaganje unutrašnjih površina tlačnih komponenata (EN 1708-3:2012)
Welding – Basic weld joint details in steel – Part 3: Clad, buttered and lined pressurized components (EN 1708-3:2012)
- HRN EN ISO 12153:2013 en pr
Dodatni i potrošni materijali za zavarivanje – Elektrode od žice punjene praškom za elektrolučno zavarivanje nikla i legura nikla, sa i bez zaštite plinom – Razredba (ISO 12153:2011; EN ISO 12153:2012)
Welding consumables – Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys – Classification (ISO 12153:2011; EN ISO 12153:2012)
- HRN EN ISO 15614-13:2013 en pr
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 13. dio: Sučeljeno elektrootporno zavarivanje pritiskom i zavarivanje iskrenjem (ISO 15614-13:2012; EN ISO 15614-13:2012)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Upset (resistance butt) and flash welding (ISO 15614-13:2012; EN ISO 15614-13:2012)
- HRN EN ISO 16834:2013 en pr
Dodatni i potrošni materijali za zavarivanje – Žičane elektrode, žice, šipke i depoziti za elektrolučno zavarivanje sa zaštitom plina za čelike visoke čvrstoće – Razredba (ISO 16834:2012; EN ISO 16834:2012)
Welding consumables – Wire electrodes, wires, rods and deposits for gas shielded arc welding of high strength steels – Classification (ISO 16834:2012; EN ISO 16834:2012)
- HRN EN ISO 17653:2013 en pr
Elektrootporno zavarivanje – Razorna ispitivanja zavara metalnih materijala – Torzijsko ispitivanje elektrootporno točkasto zavarenih spojeva (ISO 17653:2012; EN ISO 17653:2012)
Resistance welding – Destructive tests on welds in metallic materials – Torsion test of resistance spot welds (ISO 17653:2012; EN ISO 17653:2012)

- HRN EN ISO 18275:2013 en pr
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje (REL) čelika visoke čvrstoće – Razredba (ISO 18275:2011; EN ISO 18275:2012)
Welding consumables – Covered electrodes for manual metal arc welding of high-strength steels – Classification (ISO 18275:2011; EN ISO 18275:2012)
- HRN EN ISO 21952:2013 en pr
Dodatni i potrošni materijali za zavarivanje – Žičane elektrode, žice, šipke i depoziti za elektrolučno zavarivanje sa zaštitom plina za čelike otporne na puzanje – Razredba (ISO 21952:2012; EN ISO 21952:2012)
Welding consumables – Wire electrodes, wires, rods and deposits for gas shielded arc welding of creep-resisting steels – Classification (ISO 21952:2012; EN ISO 21952:2012)
- HRN EN ISO 22825:2013 en pr
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje – Ispitivanje zavara u austenitnim čelicima i legurama na osnovi nikla (ISO 22825:2012; EN ISO 22825:2012)
Non-destructive testing of welds – Ultrasonic testing – Testing of welds in austenitic steels and nickel-based alloys (ISO 22825:2012; EN ISO 22825:2012)
- HRN EN ISO 24598:2013 en pr
Dodatni i potrošni materijali za zavarivanje – Elektrode od pune žice, žice punjene praškom i kombinacije žica-prašak za zavarivanje EPP postupkom za čelike otporne na puzanje – Razredba (ISO 24598:2012; EN ISO 24598:2012)
Welding consumables – Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of creep-resisting steels – Classification (ISO 24598:2012; EN ISO 24598:2012)

HZN/TO 54, Eterična ulja

- HRN ISO 1342:2013 en pr
Eterično ulje ružmarina (*Rosmarinus officinalis* L.) (ISO 1342:2012)
Essential oil of rosemary (*Rosmarinus officinalis* L.) (ISO 1342:2012)
- HRN ISO 3065:2013 en pr
Ulje eukaliptusa, australski tip, koje sadrži 80 do 85 volumnih postotaka 1,8-cineola (ISO 3065:2011)
Oil of eucalyptus Australian type, containing a volume fraction of 80% to 85% of 1,8-cineole (ISO 3065:2011)
- HRN ISO 3140:2013 en pr
Ulje slatke naranče [*Citrus sinensis* (L.) Osbeck] dobiveno fizičkom ekstrakcijom kore (ISO 3140:2011)
Oil of sweet orange [*Citrus sinensis* (L.) Osbeck], obtained by physical extraction of the peel (ISO 3140:2011)
- HRN ISO 3517:2013 en pr
Eterično ulje nerolija (*Citrus aurantium* L., syn. *Citrus amara* Link, syn. *Citrus bigaradia* Loisel, syn. *Citrus vulgaris* Risso) (ISO 3517:2012)
Essential oil of neroli (*Citrus aurantium* L., syn. *Citrus amara* Link, syn. *Citrus bigaradia* Loisel, syn. *Citrus vulgaris* Risso) (ISO 3517:2012)
- HRN ISO 3528:2013 en pr
Eterično ulje mandarine, talijanski tip (*Citrus reticulata* Blanco) (ISO 3528:2012)
Essential oil of mandarin, Italian type (*Citrus reticulata* Blanco) (ISO 3528:2012)
- HRN ISO 4719:2013 en pr
Eterično ulje širokolisne lavande (*Lavandula latifolia* Medikus), španjolski tip (ISO 4719:2012)
Essential oil of spike lavender (*Lavandula latifolia* Medikus), Spanish type (ISO 4719:2012)

- HRN ISO 4731:2013 en pr
Eterično ulje geranije (*Pelargonium* X ssp.) (ISO 4731:2012)
Essential oil of geranium (*Pelargonium* X ssp.) (ISO 4731:2012)

HZN/TO 92, Zaštita od požara

- HRN EN 13381-4:2013 en pr
Metode ispitivanja za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 4. dio: Pasivna zaštita čeličnih elemenata (EN 13381-4:2013)
Test methods for determining the contribution to the fire resistance of structural members – Part 4: Applied passive protection to steel members (EN 13381-4:2013)
- HRN EN 13381-8:2013 en pr
Metode ispitivanja za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 8. dio: Reaktivna zaštita čeličnih elemenata (EN 13381-8:2013)
Test methods for determining the contribution to the fire resistance of structural members – Part 8: Applied reactive protection to steel members (EN 13381-8:2013)

HZN/TO 134, Gnojiva i poboljšivači tla

- HRN EN 13368-2:2013 en pr
Gnojiva – Određivanje kelatnih agensa u gnojivima kromatografijom – 2. dio: Određivanje željeza keliranog s o, o-EDDHA, o, o-EDDHMA i HBED ionskom kromatografijom (EN 13368-2:2012)
Fertilizers – Determination of chelating agents in fertilizers by chromatography – Part 2: Determination of Fe chelated by o,o-EDDHA, o,o-EDDHMA and HBED by ion pair chromatography (EN 13368-2:2012)
- HRN EN 16328:2013 en pr
Gnojiva – Određivanje 3,4-dimetil-1H-pirazol fosfata (DMPP) – Metoda upotrebom tekućinske kromatografije visokog učinka (HPLC) (EN 16328:2012)
Fertilizers – Determination of 3,4-dimethyl-1H-pyrazole phosphate (DMPP) – Method using high-performance liquid chromatography (HPLC) (EN 16328:2012)

HZN/TO 135, Nerazorna ispitivanja

- HRN EN ISO 2400:2013 en pr
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Specifikacija za radni etalon br. 1 (ISO 2400:2012; EN ISO 2400:2012)
Non-destructive testing – Ultrasonic testing – Specification for calibration block No. 1 (ISO 2400:2012; EN ISO 2400:2012)

HZN/TO 136, Namještaj

- HRN EN 716-1:2013 en pr
Namještaj – Dječji krevetići i sklopivi dječji krevetići za kućnu uporabu – 1. dio: Sigurnosni zahtjevi (EN 716-1:2008+A1:2013)
Furniture – Children's cots and folding cots for domestic use – Part 1: Safety requirements (EN 716-1:2008+A1:2013)
- HRN EN 716-2:2013 en pr
Namještaj – Dječji krevetići i sklopivi dječji krevetići za kućnu uporabu – 2. dio: Metode ispitivanja (EN 716-2:2008+A1:2013)
Furniture – Children's cots and folding cots for domestic use – Part 2: Test methods (EN 716-2:2008+A1:2013)
- HRN EN 1730:2013 en pr
Namještaj – Stolovi – Metode ispitivanja za određivanje stabilnosti, čvrstoće i trajnosti (EN 1730:2012)
Furniture – Tables – Test methods for the determination of stability, strength and durability (EN 1730:2012)
- HRN EN 1957:2013 en pr
Namještaj – Kreveti i madraci – Metode ispitivanja za određivanje funkcionalnih svojstava i kriteriji procjene (EN 1957:2012)

Furniture – Beds and mattresses – Test methods for the determination of functional characteristics and assessment criteria (EN 1957:2012)

HRN EN 16122:2013 en pr
Namještaj za skladištenje koji nije za kućnu uporabu – Metode ispitivanja za određivanje čvrstoće, izdržljivosti i stabilnosti (EN 16122:2012)

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

HRN EN 16139:2013 en pr
Namještaj – Čvrstoća, izdržljivost i sigurnost – Zahtjevi za namještaj za sjedenje koji nije za uporabu u kućanstvu (EN 16139:2013)
Furniture – Strength, durability and safety – Requirements for non-domestic seating (EN 16139:2013)

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

HRS CEN/TS 1555-7:2013 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 7. dio: Upute za ocjenjivanje sukladnosti (CEN/TS 1555-7:2013)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 7: Guidance for the assessment of conformity (CEN/TS 1555-7:2013)

HRN EN 1796:2013 en pr
Plastični cijevni sustavi za tlačnu i netlačnu opskrbu vodom – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) (EN 1796:2013)
Plastics piping systems for water supply with or without pressure – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) (EN 1796:2013)

HRN EN ISO 11296-7:2013 en pr
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 7. dio: Oblaganje spiralno namotanim cijevima (ISO 11296-7:2011; EN ISO 11296-7:2013)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 7: Lining with spirally-wound pipes (ISO 11296-7:2011; EN ISO 11296-7:2013)

HRN EN ISO 11299-1:2013 en pr
Plastični cijevni sustavi za obnavljanje podzemnih plinskih mreža – 1. dio: Općenito (ISO 11299-1:2011; EN ISO 11299-1:2013)
Plastics piping systems for renovation of underground gas supply networks – Part 1: General (ISO 11299-1:2011; EN ISO 11299-1:2013)

HRN EN ISO 11299-3:2013 en pr
Plastični cijevni sustavi za obnavljanje podzemnih plinskih mreža – 3. dio: Oblaganje s prijanjajućim cijevima (ISO 11299-3:2011; EN ISO 11299-3:2013)
Plastics piping systems for renovation of underground gas supply networks – Part 3: Lining with close-fit pipes (ISO 11299-3:2011; EN ISO 11299-3:2013)

HRN EN 14364:2013 en pr
Plastični cijevni sustavi za tlačnu i netlačnu odvodnju i kanalizaciju – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) – Specifikacije za cijevi, spojnice i brtve (EN 14364:2013)
Plastics piping systems for drainage and sewerage with or without pressure – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) – Specifications for pipes, fittings and joints (EN 14364:2013)

HRN EN ISO 15874-1:2013 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 1. dio: Općenito (ISO 15874-1:2013; EN ISO 15874-1:2013)

Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 1: General (ISO 15874-1:2013; EN ISO 15874-1:2013)

HRN EN ISO 15874-2:2013 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 2. dio: Cijevi (ISO 15874-2:2013; EN ISO 15874-2:2013)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes (ISO 15874-2:2013; EN ISO 15874-2:2013)

HRN EN ISO 15874-3:2013 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 3. dio: Spojnice (ISO 15874-3:2013; EN ISO 15874-3:2013)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings (ISO 15874-3:2013; EN ISO 15874-3:2013)

HRN EN ISO 15874-5:2013 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 5. dio: Prikladnost sustava za uporabu (ISO 15874-5:2013; EN ISO 15874-5:2013)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 5: Fitness for purpose of the system (ISO 15874-5:2013; EN ISO 15874-5:2013)

HZN/TO 146, *Kvaliteta zraka*

HRN EN 1540:2013 hr,en,fr,de pp
Profesionalna izloženost – Nazivlje (EN 1540:2011)
Workplace exposure – Terminology (EN 1540:2011)

HRN EN 12619:2013 en pr
Emisije iz stacionarnih izvora – Određivanje masene koncentracije ukupnog plinovitog organskog ugljika – Kontinuirana plameno ionizacijska metoda (EN 12619:2013)
Stationary source emissions – Determination of the mass concentration of total gaseous organic carbon – Continuous flame ionisation detector method (EN 12619:2013)

HRN EN ISO 13199:2013 en pr
Emisije iz stacionarnih izvora – Određivanje ukupnih hlapljivih organskih spojeva (TVOC) u otpadnim plinovima iz procesa bez izgaranja – Metoda apsorpcije nedisperzivnog infracrvenog zračenja uređajem opremljenim katalitičkim konverterom (ISO 13199:2012; EN ISO 13199:2012)
Stationary source emissions – Determination of total volatile organic compounds (TVOCs) in waste gases from non-combustion processes – Non-dispersive infrared analyser equipped with catalytic converter (ISO 13199:2012; EN ISO 13199:2012)

HRN EN ISO 13833:2013 en pr
Emisije iz stacionarnih izvora – Određivanje omjera ugljikova dioksida dobivena iz biomase (biogeni) i ugljikova dioksida nastala iz fosilnih goriva – Uzorkovanje i određivanje radioaktivnoga ugljika (ISO 13833:2013; EN ISO 13833:2013)
Stationary source emissions – Determination of the ratio of biomass (biogenic) and fossil-derived carbon dioxide – Radiocarbon sampling and determination (ISO 13833:2013; EN ISO 13833:2013)

HRN EN ISO 16911-1:2013 en pr
Emisije iz stacionarnih izvora – Ručno i automatsko određivanje brzine i volumnoga protoka u ispušnim cijevima – 1. dio: Ručna referentna metoda (ISO 16911-1:2013; EN ISO 16911-1:2013)
Stationary source emissions – Manual and automatic determination of velocity and volume flow rate in ducts – Part 1: Manual reference method (ISO 16911-1:2013; EN ISO 16911-1:2013)

HRN EN ISO 16911-2:2013 en pr
Emisije iz stacionarnih izvora – Ručno i automatsko određivanje brzine i volumnoga protoka u ispušnim cijevima – 2. dio: Automatski mjerni sustavi (ISO 16911-2:2013; EN ISO 16911-2:2013)
Stationary source emissions – Manual and automatic determination of velocity and volume flow rate in ducts – Part 2: Automated measuring systems (ISO 16911-2:2013; EN ISO 16911-2:2013)

HZN/TO 181, Sigurnost igračaka i proizvodi za djecu

HRN EN 71-4:2013 en pr
Sigurnost igračaka – 4. dio: Eksperimentalna oprema za kemiju i srodne aktivnosti (EN 71-4:2013)
Safety of toys – Part 4: Experimental sets for chemistry and related activities (EN 71-4:2013)

HZN/TO 196, Prirodni kamen

HRN EN 14617-1:2013 en pr
Kameni aglomerat – Metode ispitivanja – 1. dio: Određivanje prostorne mase i upijanja vode (EN 14617-1:2013)
Agglomerated stone – Test methods – Part 1: Determination of apparent density and water absorption (EN 14617-1:2013)

HRN EN 14617-13:2013 en pr
Kameni aglomerat – Metode ispitivanja – 13. dio: Određivanje električne otpornosti (EN 14617-13:2013)
Agglomerated stone – Test methods – Part 13: Determination of electrical resistivity (EN 14617-13:2013)

HRN EN 16306:2013 en pr
Metode ispitivanja prirodnog kamena – Određivanje otpornosti mramora na cikluse topline i vlage (EN 16306:2013)
Natural stone test methods – Determination of resistance of marble to thermal and moisture cycles (EN 16306:2013)

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19111-2:2013 en pr
Geoinformacije – Prostorno referenciranje koordinatama – 2. dio: Proširenje za vrijednosti parametara (ISO 19111-2:2009; EN ISO 19111-2:2012)
Geographic information – Spatial referencing by coordinates – Part 2: Extension for parametric values (ISO 19111-2:2009; EN ISO 19111-2:2012)

HRN EN ISO 19131:2008/A1:2013 en pr
Geoinformacije – Specifikacije podatkovnih proizvoda – Amandman 1: Zahtjevi koji se odnose na uključivanje aplikacijske sheme i kataloga objekta te uporaba sloja pokrivenosti u aplikacijskoj shemi (ISO 19131:2007/Amd 1:2011; EN ISO 19131:2008/A1:2011)
Geographic information – Data product specifications – Amendment 1: Requirements relating to the inclusion of an application schema and feature catalogue and the treatment of coverages in an application schema (ISO 19131:2007/Amd 1:2011; EN ISO 19131:2008/A1:2011)

HRN EN ISO 19143:2013 en pr
Geoinformacije – Kodiranje filtra (ISO 19143:2010; EN ISO 19143:2012)
Geographic information – Filter encoding (ISO 19143:2010; EN ISO 19143:2012)

HRN EN ISO 19144-1:2013 en pr
Geoinformacije – Razredbeni sustavi – 1. dio: Struktura razredbenih sustava (ISO 19144-1:2009+Cor 1:2012; EN ISO 19144-1:2012+AC:2012)
Geographic information – Classification systems – Part 1: Classification system structure (ISO 19144-1:2009+Cor 1:2012; EN ISO 19144-1:2012+AC:2012)

HRN EN ISO 19152:2013 en pr
Geoinformacije – Model područja upravljanja zemljištem (LADM) (ISO 19152:2012; EN ISO 19152:2012)
Geographic information – Land Administration Domain Model (LADM) (ISO 19152:2012; EN ISO 19152:2012)

HZN/TO 218, Drvo

HRN EN 335:2013 en pr
Trajnost drva i proizvoda na osnovi drva – Upotreba razreda: definicije, primjena na cjelovito drvo i ploče na osnovi drva (EN 335:2013)
Durability of wood and wood-based products – Use classes: definitions, application to solid wood and wood-based products (EN 335:2013)

HRN EN 1910:2013 en pr
Drveni podovi i drvene obloge zidova i stropova – Određivanje stabilnosti dimenzija (EN 1910:2013)
Wood flooring and wood panelling and cladding – Determination of dimensional stability (EN 1910:2013)

HRN EN 13442:2013 en pr
Drveni podovi i drvene obloge zidova i stropova – Određivanje otpornosti na utjecaj kemikalija (EN 13442:2013)
Wood flooring and wood panelling and cladding – Determination of the resistance to chemical agents (EN 13442:2013)

HZN/TO 219, Podne obloge

HRN EN 649:2013 en pr
Elastične podne obloge – Homogene i nehomogene polivinil kloridne podne obloge – Specifikacija (EN 649:2011)
Resilient floor coverings – Homogenous and heterogenous polyvinyl chloride floor coverings – Specification (EN 649:2011)

HRN EN 650:2013 en pr
Elastične podne obloge – Polivinil kloridne podne obloge na poledini od jute, poliesterskog filca ili poliesterskog filca s poli(vinil-kloridom) – Specifikacija (EN 650:2012)
Resilient floor coverings – Polyvinyl chloride floor coverings on jute backing or on polyester felt backing or on a polyester felt with a polyvinyl chloride backing – Specification (EN 650:2012)

HRN EN 651:2013 en pr
Elastične podne obloge – Podne obloge od polivinil klorida s pjenastim slojem – Specifikacija (EN 651:2011)
Resilient floor coverings – Polyvinyl chloride floor coverings with foam layer – Specification (EN 651:2011)

HRN EN 652:2013 en pr
Elastične podne obloge – Podne obloge od polivinil klorida s poledinom na osnovi pluta – Specifikacija (EN 652:2011)
Resilient floor coverings – Polyvinyl chloride floor coverings with cork-based backing – Specification (EN 652:2011)

HRN EN 655:2013 en pr
Elastične podne obloge – Ploče od aglomeriranog pluta s polivinil kloridnim habajućim slojem – Specifikacija (EN 655:2011)
Resilient floor coverings – Tiles of agglomerated composition cork with polyvinyl chloride wear layer – Specification (EN 655:2011)

HRN EN 686:2013 en pr
Elastične podne obloge – Specifikacija za linoleum s habajućim slojem od polivinil klorida na pjenastoj podlozi s uzorkom ili bez njega (EN 686:2011)
Resilient floor coverings – Specification for plain and decorative linoleum on a foam backing (EN 686:2011)

- HRN EN 687:2013 en pr
Elastične podne obloge – Specifikacija za linoleum sa ili bez uzorka na plutenoj podlozi (EN 687:2011)
Resilient floor coverings – Specification for plain and decorative linoleum on a corkment backing (EN 687:2011)
- HRN EN 994:2013 en pr
Tekstilne podne obloge – Određivanje duljine stranica, pravokutnosti i ravnoće rubova ploča (EN 994:2012)
Textile floor coverings – Determination of the side length, squareness and straightness of tiles (EN 994:2012)
- HRN EN ISO 10582:2013 en pr
Elastične podne obloge – Nehomogene polivinil-kloridne podne obloge – Specifikacija (ISO 10582:2010; EN ISO 10582:2012)
Resilient floor coverings – Heterogeneous poly(vinyl chloride) floor coverings – Specification (ISO 10582:2010; EN ISO 10582:2012)
- HRN EN ISO 10595:2013 en pr
Elastične podne obloge – Polusavitljive/vinilne (VCT) poli(vinil-klorid) podne ploče – Specifikacija (ISO 10595:2010; EN ISO 10595:2012+AC:2012)
Resilient floor coverings – Semi-flexible/vinyl composition (VCT) poly(vinyl chloride) floor tiles – Specification (ISO 10595:2010; EN ISO 10595:2012+AC:2012)
- HRN EN ISO 10874:2013 en pr
Elastične, tekstilne i laminatne podne obloge – Razredba (ISO 10874:2009; EN ISO 10874:2012)
Resilient, textile and laminate floor coverings – Classification (ISO 10874:2009; EN ISO 10874:2012)
- HRN EN 15772:2013 en pr
Tekstilne podne obloge – Minimalni zahtjevi na iglane podne obloge ograničene trajnosti (EN 15772:2012)
Textile floor coverings – Minimum requirements for needed floor coverings for single usage in events of limited duration (EN 15772:2012)
- HRN EN 16094:2013 en pr
Laminatne podne obloge – Ispitna metoda za određivanje otpornosti na grebanje (EN 16094:2012)
Laminate floor coverings – Test method for the determination of micro-scratch resistance (EN 16094:2012)
- HRN EN ISO 23996:2013 en pr
Elastične podne obloge – Određivanje gustoće (ISO 23996:2007; EN ISO 23996:2012)
Resilient floor coverings – Determination of density (ISO 23996:2007; EN ISO 23996:2012)
- HRN EN ISO 23997:2013 en pr
Elastične podne obloge – Određivanje mase po jedinici površine (ISO 23997:2007; EN ISO 23997:2012)
Resilient floor coverings – Determination of mass per unit area (ISO 23997:2007; EN ISO 23997:2012)
- HRN EN ISO 23999:2013 en pr
Elastične podne obloge – Određivanje dimenzijske stabilnosti i valovitosti nakon izlaganja toplini (ISO 23999:2008; EN ISO 23999:2012)
Resilient floor coverings – Determination of dimensional stability and curling after exposure to heat (ISO 23999:2008; EN ISO 23999:2012)
- HRN EN ISO 24011:2013 en pr
Elastične podne obloge – Specifikacija za linoleum sa i bez uzorka (ISO 24011:2009; EN ISO 24011:2012)
Resilient floor coverings – Specification for plain and decorative linoleum (ISO 24011:2009; EN ISO 24011:2012)
- HRN EN ISO 24340:2013 en pr
Elastične podne obloge – Određivanje debljine slojeva (ISO 24340:2006; EN ISO 24340:2012)
Resilient floor coverings – Determination of thickness of layers (ISO 24340:2006; EN ISO 24340:2012)
- HRN EN ISO 24341:2013 en pr
Elastične i tekstilne podne obloge – Određivanje duljine, širine i ravnoće rubova obloga (ISO 24341:2006; EN ISO 24341:2012)
Resilient and textile floor coverings – Determination of length, width and straightness of sheet (ISO 24341:2006; EN ISO 24341:2012)
- HRN EN ISO 24342:2013 en pr
Elastične i tekstilne podne obloge – Određivanje duljine strana, ravnoće rubova i pravokutnosti ploča (ISO 24342:2007+Amd 1:2012; EN ISO 24342:2012+A1:2012)
Resilient and textile floor-coverings – Determination of side length, edge, straightness and squareness of tiles (ISO 24342:2007+Amd 1:2012; EN ISO 24342:2012+A1:2012)
- HRN EN ISO 24343-1:2013 en pr
Elastične i laminatne podne obloge – Određivanje udubljenja i zaostalog udubljenja – 1. dio: Zaostalo udubljenje (ISO 24343-1:2007; EN ISO 24343-1:2012)
Resilient and laminate floor coverings – Determination of indentation and residual indentation – Part 1: Residual indentation (ISO 24343-1:2007; EN ISO 24343-1:2012)
- HRN EN ISO 24345:2013 en pr
Elastične podne obloge – Određivanje otpora na raslojavanje (ISO 24345:2006; EN ISO 24345:2012)
Resilient floor coverings – Determination of peel resistance (ISO 24345:2006; EN ISO 24345:2012)
- HRN EN ISO 24346:2013 en pr
Elastične podne obloge – Određivanje ukupne debljine (ISO 24346:2006; EN ISO 24346:2012)
Resilient floor coverings – Determination of overall thickness (ISO 24346:2006; EN ISO 24346:2012)
- HRN EN ISO 26985:2013 en pr
Elastične podne obloge – Identifikacija linoleuma i određivanje udjela veziva i pepela (ISO 26985:2008; EN ISO 26985:2012)
Resilient floor coverings – Identification of linoleum and determination of cement content and ash residue (ISO 26985:2008; EN ISO 26985:2012)
- HRN EN ISO 26986:2013 en pr
Elastične podne obloge – Ekspandirane poli(vinil-kloridne) podne obloge – Specifikacija (ISO 26986:2010; EN ISO 26986:2012+AC:2012)
Resilient floor coverings – Expanded (cushioned) poly(vinyl chloride) floor covering – Specification (ISO 26986:2010; EN ISO 26986:2012+AC:2012)
- HRN EN ISO 26987:2013 en pr
Elastične podne obloge – Određivanje prljanja (zaprljanja) i otpornosti na kemikalije (ISO 26987:2008; EN ISO 26987:2012)
Resilient floor coverings – Determination of staining and resistance to chemicals (ISO 26987:2008; EN ISO 26987:2012)

HZN/TO 503, *Metalni materijali*

- HRN EN ISO 643:2013 en pr
Čelici – Mikrografsko određivanje prividne veličine zrna (ISO 643:2012; EN ISO 643:2012)
Steels – Micrographic determination of the apparent grain size (ISO 643:2012; EN ISO 643:2012)
- HRN EN 12258-1:2013 en pr
Aluminij i aluminijeve legure – Nazivi i definicije – 1. dio: Opći nazivi (EN 12258-1:2012)
Aluminium and aluminium alloys – Terms and definitions – Part 1: General terms (EN 12258-1:2012)
- HRN EN 12449:2013 en pr
Bakar i legure bakra – Bešavne okrugle cijevi za opće namjene (EN 12449:2012)
Copper and copper alloys – Seamless, round tubes for general purposes (EN 12449:2012)

HZN/TO 505, Prijenos i distribucija plina

HRN EN 12327:2013 en pr
Plinska infrastruktura – Tlačna proba, procedura upuštanja u pogon i stavljanja izvan pogona plinovoda – Funkcionalni zahtjevi (EN 12327:2012)
Gas infrastructure – Pressure testing, commissioning and decommissioning procedures – Functional requirements (EN 12327:2012)

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 13127:2013 en pr
Ambalaža – Ambalaža koja djeci onemogućuje otvaranje – Mehaničke ispitne metode za ambalažne sustave s višekratnim korištenjem koji djeci onemogućuje otvaranje (ISO 13127:2012+Cor 1:2012; EN ISO 13127:2012+AC:2012)
Packaging – Child resistant packaging – Mechanical test methods for reclosable child resistant packaging systems (ISO 13127:2012+Cor 1:2012; EN ISO 13127:2012+AC:2012)

HZN/TO 509, Cestovna oprema

HRN EN 1423:2012/Ispr.1:2013 en pr
Materijali za oznake na kolniku – Dodaci – Staklene kuglice i protuklizne čestice te njihova mješavina (EN 1423:2012/AC:2013)
Road marking materials – Drop on materials – Glass beads, antiskid aggregates and mixtures of the two (EN 1423:2012/AC:2013)

HZN/TO 511, Eksplozivi za civilnu uporabu

HRN EN ISO 14451-1:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 1. dio: Nazivlje (ISO 14451-1:2013; EN ISO 14451-1:2013)
Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 1: Terminology (ISO 14451-1:2013; EN ISO 14451-1:2013)

HRN EN ISO 14451-2:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 2. dio: Metode ispitivanja (ISO 14451-2:2013; EN ISO 14451-2:2013)
Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 2: Test methods (ISO 14451-2:2013; EN ISO 14451-2:2013)

HRN EN ISO 14451-3:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 3. dio: Označavanje (ISO 14451-3:2013; EN ISO 14451-3:2013)
Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 3: Labelling (ISO 14451-3:2013; EN ISO 14451-3:2013)

HRN EN ISO 14451-4:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 4. dio: Zahtjevi na mikro generatore plina (ISO 14451-4:2013; EN ISO 14451-4:2013)
Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 4: Requirements and categorization for micro gas generators (ISO 14451-4:2013; EN ISO 14451-4:2013)

HRN EN ISO 14451-5:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 5. dio: Zahtjevi i kategorizacija za generatore plina za zračne jastuke (ISO 14451-5:2013; EN ISO 14451-5:2013)
Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 5: Requirements and categorization for airbag gas generators (ISO 14451-5:2013; EN ISO 14451-5:2013)

HRN EN ISO 14451-6:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 6. dio: Zahtjevi i kategorizacija za module (sklopove) za module (sklopove) zračnih jastuka (ISO 14451-6:2013;

EN ISO 14451-6:2013)
Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 6: Requirements and categorization for airbag modules (ISO 14451-6:2013; EN ISO 14451-6:2013)

HRN EN ISO 14451-7:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 7. dio: Zahtjevi i kategorizacija za zatezače sigurnosnih pojaseva (ISO 14451-7:2013; EN ISO 14451-7:2013)

Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 7: Requirements and categorization for seatbelt pretensioners (ISO 14451-7:2013; EN ISO 14451-7:2013)

HRN EN ISO 14451-8:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 8. dio: Zahtjevi i kategorizacija za upaljače (ISO 14451-8:2013; EN ISO 14451-8:2013)

Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 8: Requirements and categorization for igniters (ISO 14451-8:2013; EN ISO 14451-8:2013)

HRN EN ISO 14451-9:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 9. dio: Zahtjevi i kategorizacija za aktuatori (pokretače) (ISO 14451-9:2013; EN ISO 14451-9:2013)

Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 9: Requirements and categorization for actuators (ISO 14451-9:2013; EN ISO 14451-9:2013)

HRN EN ISO 14451-10:2013 en pr
Pirotehnička sredstva – Pirotehnička sredstva za vozila – 10. dio: Zahtjevi i kategorizacija za poluproizvode (ISO 14451-10:2013; EN ISO 14451-10:2013)
Pyrotechnic articles – Pyrotechnic articles for vehicles – Part 10: Requirements and categorization for semi-finished products (ISO 14451-10:2013; EN ISO 14451-10:2013)

HZN/TO 519, Adhezivi

HRN EN 302-1:2013 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 1. dio: Određivanje uzdužne posmične čvrstoće (EN 302-1:2013)
Adhesives for load-bearing timber structures – Test methods – Part 1: Determination of longitudinal tensile shear strength (EN 302-1:2013)

HRN EN 302-2:2013 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 2. dio: Određivanje otpornosti na raslojavanje (EN 302-2:2013)
Adhesives for load-bearing timber structures – Test methods – Part 2: Determination of resistance to delamination (EN 302-2:2013)

HRN EN 302-3:2013 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 3. dio: Određivanje utjecaja oštećenja drvenih vlakana kiselinom na poprečnu posmičnu čvrstoću pri cikličnim promjenama temperature i vlažnosti (EN 302-3:2013)
Adhesives for load-bearing timber structures – Test methods – Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength (EN 302-3:2013)

HRN EN 302-4:2013 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 4. dio: Određivanje učinaka promjene dimenzija drveta na posmičnu čvrstoću (EN 302-4:2013)
Adhesives for load-bearing timber structures – Test methods – Part 4: Determination of the effects of wood shrinkage on the shear strength (EN 302-4:2013)

- HRN EN 302-5:2013 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 5. dio: Određivanje maksimalnog vremena sklapanja pri navedenim uvjetima (EN 302-5:2013)
Adhesives for load-bearing structures – Test methods – Part 5: Determination of maximum assembly time under referenced conditions (EN 302-5:2013)
- HRN EN 302-6:2013 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 6. dio: Određivanje minimalnog vremena prešanja pri navedenim uvjetima (EN 302-6:2013)
Adhesives for load-bearing timber structures – Test methods – Part 6: Determination of the minimum pressing time under referenced conditions (EN 302-6:2013)
- HRN EN 302-7:2013 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 7. dio: Određivanje radnog vijeka pri navedenim uvjetima (EN 302-7:2013)
Adhesives for load-bearing timber structures – Test methods – Part 7: Determination of the working life under referenced conditions (EN 302-7:2013)
- HRN EN 828:2013 en pr
Adhezivi – Kvašenje – Određivanje mjerenjem kontaktnog kuta i slobodne energije površine krute površine (EN 828:2013)
Adhesives – Wettability – Determination by measurement of contact angle and surface free energy of solid surface (EN 828:2013)

HZNTO 524, Cestovni prijevoz i prometna telematika

- HRN EN 15876-2:2013 en pr
Elektronička naplata – Procjena opreme u vozilu i na prometnici za utvrđivanje sukladnosti s normom EN 15509 – 2. dio: Apstraktni ispitni paket (EN 15876-2:2011)
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to EN 15509 – Part 2: Abstract test suite (EN 15876-2:2011)
- HRI CEN/TR 16405:2013 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Dodatni izborni skup podataka za elektroničke hitne pozive iz teških teretnih vozila (CEN/TR 16405:2013)
Intelligent transport systems – ESafety – ECall additional optional data set for heavy goods vehicles eCall (CEN/TR 16405:2013)
- HRS CEN/TS 16406:2013 en pr
Inteligentni transportni sustavi – Javni prijevoz – Neizravna nadoplata za željeznički prijevoz (CEN/TS 16406:2013)
Intelligent transport systems – Public transport – Indirect Fulfilment for Rail (CEN/TS 16406:2013)
- HRI CEN/TR 16427:2013 en pr
Inteligentni transportni sustavi – Javni prijevoz – Putne informacije za slabovidne osobe (TI-VIP) (CEN/TR 16427:2013)
Intelligent transport systems – Public transport – Traveller Information for Visually Impaired People (TI-VIP) (CEN/TR 16427:2013)
- HRS CEN ISO/TS 17444-1:2013 en pr
Elektronička naplata cestarine – Učinkovitost naplate – 1. dio: Metrika (ISO/TS 17444-1:2012; CEN ISO/TS 17444-1:2012)
Electronic fee collection – Charging performance – Part 1: Metrics (ISO/TS 17444-1:2012; CEN ISO/TS 17444-1:2012)

HZNTO 525, Hidroizolacijski materijali i proizvodi za pokrivanje krovova

- HRN EN 502:2013 en pr
Krovopokrivački proizvodi od lima – Specifikacija za nenosive krovopokrivačke proizvode od nehrđajućeg čeličnog lima (EN 502:2013)
Roofing products from metal sheet – Specification for fully supported roofing products of stainless steel sheet (EN 502:2013)
- HRN EN 505:2013 en pr
Krovopokrivački proizvodi od lima – Specifikacija za nenosive krovopokrivačke proizvode od čeličnog lima (EN 505:2013)
Roofing products from metal sheet – Specification for fully supported roofing products of steel sheet (EN 505:2013)
- HRN EN 13984:2013 en pr
Savitljive hidroizolacijske trake – Plastične i elastomerne paronepropusne trake – Definicije i značajke (EN 13984:2013)
Flexible sheets for waterproofing – Plastic and rubber vapour control layers – Definitions and characteristics (EN 13984:2013)
- HRN EN 14783:2013 en pr
Nenosivi limovi i trake za pokrivanje krovova, vanjsko i unutrašnje oblaganje – Specifikacija proizvoda i zahtjevi (EN 14783:2013)
Fully supported metal sheet and strip for roofing, external cladding and internal lining – Product specification and requirements (EN 14783:2013)
- HRN EN 16153:2013 en pr
Prozirne ravne višeslojne polikarbonatne (PC) trake za unutrašnju i vanjsku upotrebu na krovovima, zidovima i stropovima – Zahtjevi i metode ispitivanja (EN 16153:2013)
Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings – Requirements and test methods (EN 16153:2013)

HZNTO 528, Oprema za željeznice

- HRN EN 15380-4:2013 en pr
Oprema za željeznice – Sustav podjele željezničkih vozila – 4. dio: Grupiranje prema funkciji (EN 15380-4:2013)
Railway applications – Classification system for railway vehicles – Part 4: Function groups (EN 15380-4:2013)
- HRN EN 16272-3-1:2013 en pr
Oprema za željeznice – Željeznički gornji ustroj – Zvučne zapreke i odgovarajući uređaji koji djeluju na rasprostiranje zvuka zrakom – Ispitne metode za određivanje akustičnih svojstava – Dio 3-1: Lepeza normalizirane željezničke buke i jednoznamenakasta podjela primjene difuznih polja (EN 16272-3-1:2012)
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 3-1: Normalized railway noise spectrum and single number ratings for diffuse field applications (EN 16272-3-1:2012)
- HRN EN 45545-1:2013 en pr
Oprema za željeznice – Zaštita od požara na željezničkim vozilima – 1. dio: Općenito (EN 45545-1:2013)
Railway applications – Fire protection on railway vehicles – Part 1: General (EN 45545-1:2013)
- HRN EN 45545-3:2013 en pr
Oprema za željeznice – Zaštita od požara na željezničkim vozilima – 3. dio: Zahtjevi na vatrootpornost vatrootpornih barijera (EN 45545-3:2013)
Railway applications – Fire protection on railway vehicles – Part 3: Fire resistance requirements for fire barriers (EN 45545-3:2013)

HRN EN 45545-6:2013 en pr
Oprema za željeznice – Zaštita od požara na željezničkim vozilima – 6. dio: Nadzor i upravljanje protupožarnim sustavima (EN 45545-6:2013)
Railway applications – Fire protection on railway vehicles – Part 6: Fire control and management systems (EN 45545-6:2013)

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

HRN EN 14985:2013 en pr
Granici – Portalni okretni granici (EN 14985:2012)
Cranes – Slewing jib cranes (EN 14985:2012)

HZN/TO 531, Plastika i guma

HRN EN ISO 178:2011/A1:2013 en pr
Plastika – Određivanje svojih svojstava (ISO 178:2010/Amd 1:2013; EN ISO 178:2010/A1:2013)
Plastics – Determination of flexural properties (ISO 178:2010/Amd 1:2013; EN ISO 178:2010/A1:2013)

HRN EN ISO 472:2013 en pr
Plastika – Terminološki rječnik (ISO 472:2013; EN ISO 472:2013)
Plastics – Vocabulary (ISO 472:2013; EN ISO 472:2013)

HRN ISO 4593:2013 en pr
Plastika – Film i ploče – Određivanje debljine mehaničkim skeniranjem (ISO 4593:1993)
Plastics – Film and sheeting – Determination of thickness by mechanical scanning (ISO 4593:1993)

HRN EN ISO 4892-2:2013 en pr
Plastika – Metode izlaganja laboratorijskim izvorima svjetla – 2. dio: Ksenonske lampe (ISO 4892-2:2013; EN ISO 4892-2:2013)
Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps (ISO 4892-2:2013; EN ISO 4892-2:2013)

HRN ISO 7619-1:2013 en pr
Guma, vulkanizirana ili plastomerna – Određivanje tvrdoće utiskivanjem – 1. dio: Metoda pomoću durometra (Tvrdoća po Shore-u) (ISO 7619-1:2010)
Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 1: Durometer method (Shore hardness) (ISO 7619-1:2010)

HRN ISO 7619-2:2013 en pr
Guma, vulkanizirana ili plastomerna – Određivanje tvrdoće utiskivanjem – 2. dio: IRHD metoda pomoću džepnog durometra (ISO 7619-2:2010)
Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 2: IRHD pocket meter method (ISO 7619-2:2010)

HRN EN ISO 11357-3:2013 en pr
Plastika – Diferencijalna pretražna kalorimetrija – 3. dio: Određivanje tališta, kristališta i topline taljenja i kristalizacije (ISO 11357-3:2011; EN ISO 11357-3:2013)
Plastics – Differential scanning calorimetry (DSC) – Part 3: Determination of temperature and enthalpy of melting and crystallization (ISO 11357-3:2011; EN ISO 11357-3:2013)

HRN EN ISO 11357-4:2013 en pr
Plastika – Diferencijalna pretražna kalorimetrija – 4. dio: Određivanje specifičnoga toplinskog kapaciteta (ISO 11357-4:2005; EN ISO 11357-4:2013)
Plastics – Differential scanning calorimetry (DSC) – Part 4: Determination of specific heat capacity (ISO 11357-4:2005; EN ISO 11357-4:2013)

HRN EN ISO 11357-6:2013 en pr
Plastika – Diferencijalna pretražna kalorimetrija – 6. dio: Određivanje indukcijskoga vremena oksidacije (izotermna OIT) i indukcijske temperature oksidacije (dinamička OIT) (ISO 11357-6:2008; EN ISO 11357-6:2013)
Plastics – Differential scanning calorimetry (DSC) – Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) (ISO 11357-6:2008; EN ISO 11357-6:2013)

HRN EN ISO 11357-7:2013 en pr
Plastika – Diferencijalna pretražna kalorimetrija – 7. dio: Određivanje kinetika kristalizacije (ISO 11357-7:2002; EN ISO 11357-7:2013)
Plastics – Differential scanning calorimetry (DSC) – Part 7: Determination of crystallization kinetics (ISO 11357-7:2002; EN ISO 11357-7:2013)

HRN EN ISO 14910-1:2013 en pr
Plastika – Poliester/esterski i polieter/esterski elastoplastomeri za kalupljenje i ekstrudiranje – 1. dio: Sustav označavanja i osnove za specifikacije (ISO 14910-1:2013; EN ISO 14910-1:2013)
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 1: Designation system and basis for specifications (ISO 14910-1:2013; EN ISO 14910-1:2013)

HRN EN ISO 14910-2:2013 en pr
Plastika – Poliester/esterski i polieter/esterski elastoplastomeri za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 14910-2:2013; EN ISO 14910-2:2013)
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 2: Preparation of test specimens and determination of properties (ISO 14910-2:2013; EN ISO 14910-2:2013)

HRN EN ISO 15527:2013 en pr
Plastika – Tlačno oblikovane ploče od polietilena (PE-UHMW, PE-HD) – Zahtjevi i ispitne metode (ISO 15527:2010; EN ISO 15527:2013)
Plastics – Compression-moulded sheets of polyethylene (PE-UHMW, PE-HD) – Requirements and test methods (ISO 15527:2010; EN ISO 15527:2013)

HRS CEN/TS 16010:2013 en pr
Plastika – Reciklirana plastika – Postupci uzorkovanja za ispitivanje plastičnoga otpada i reciklata (CEN/TS 16010:2013)
Plastics – Recycled plastics – Sampling procedures for testing plastics waste and recyclates (CEN/TS 16010:2013)

HRS CEN/TS 16011:2013 en pr
Plastika – Reciklirana plastika – Priprema uzoraka (CEN/TS 16011:2013)
Plastics – Recycled plastics – Sample preparation (CEN/TS 16011:2013)

HRN EN ISO 19712-1:2013 en pr
Plastika – Ukrasni materijali čvrste površine – 1. dio: Klasifikacija i specifikacije (ISO 19712-1:2008; EN ISO 19712-1:2013)
Plastics – Decorative solid surfacing materials – Part 1: Classification and specifications (ISO 19712-1:2008; EN ISO 19712-1:2013)

HRN EN ISO 19712-2:2013 en pr
Plastika – Ukrasni materijali čvrste površine – 2. dio: Određivanje svojstava – Pločaste robe (ISO 19712-2:2007; EN ISO 19712-2:2013)
Plastics – Decorative solid surfacing materials – Part 2: Determination of properties – Sheet goods (ISO 19712-2:2007; EN ISO 19712-2:2013)

HRN EN ISO 19712-3:2013 en pr
Plastika – Ukrasni materijali čvrste površine – 3. dio:
Određivanje svojstava – Oblici čvrste površine
(ISO 19712-3:2007; EN ISO 19712-3:2013)
Plastics – Decorative solid surfacing materials –
Part 3: Determination of properties – Solid surface
shapes (ISO 19712-3:2007; EN ISO 19712-3:2013)

HZN/TO 532, Dimnjaci

HRN EN 1859:2013 en pr
Dimnjaci – Metalni dimnjaci – Ispitne metode
(EN 1859:2009+A1:2013)
Chimneys – Metal chimneys – Test methods
(EN 1859:2009+A1:2013)

HZN/TO 534, Spremnici za teret

HRN EN ISO 6346:2008/A3:2013 en pr
Kontejneri za teret – Kodiranje, identifikacija i
označavanje – 3. amandman (ISO 6346:1995/Amd
3:2012; EN ISO 6346:1995/A3:2012)
Freight containers – Coding, identification and marking
– Amendment 3 (ISO 6346:1995/Amd 3:2012;
EN ISO 6346:1995/A3:2012)

HRN EN 13081:2013 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema
za spremnike – Spojke sabirača para
(EN 13081:2008+A1:2012)
Tanks for transport of dangerous goods – Service
equipment for tanks – Vapour collection adaptor and
coupler (EN 13081:2008+A1:2012)

HRN EN 13082:2013 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema
za spremnike – Ventil za prijenos pare
(EN 13082:2008+A1:2012)
Tanks for transport of dangerous goods – Service
equipment for tanks – Vapour transfer valve
(EN 13082:2008+A1:2012)

HRN EN 13082:2013 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema
za spremnike – Ventil za prijenos pare
(EN 13082:2008+A1:2012)
Tanks for transport of dangerous goods – Service
equipment for tanks – Vapour transfer valve
(EN 13082:2008+A1:2012)

HRN EN 13352:2013 en pr
Specifikacija za izvedbu automatskih mjerača sadržaja
spremnika (EN 13352:2012)
Specification for the performance of automatic tank
contents gauges (EN 13352:2012)

HRN EN 13617-4:2013 en pr
Benzinske stanice za punjenje – 4. dio: Sigurnosni
zahtjevi za konstrukciju i izvedbu zakretnih zglobova
za upotrebu na mjernim pumpama i mjernim uređajima
za istakanje (EN 13617-4:2012)
Petrol filling stations – Part 4: Safety requirements for
construction and performance of swivels for use on
metering pumps and dispensers (EN 13617-4:2012)

HZN/TO 535, Agregati

HRN EN 933-9:2013 en pr
Ispitivanja geometrijskih svojstava agregata –
9. dio: Procjena sitnih čestica – Ispitivanje metilenskim
modrilom (EN 933-9:2009+A1:2013)
Tests for geometrical properties of aggregates –
Part 9: Assessment of fines – Methylene blue test
(EN 933-9:2009+A1:2013)

HRN EN 16236:2013 en pr
Vrednovanje sukladnosti agregata – Početno
ispitivanje tipa i tvornička kontrola proizvodnje
(EN 16236:2013)
Evaluation of conformity of aggregates – Initial Type
Testing and Factory Production Control
(EN 16236:2013)

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

HRN EN 13126-9:2013 en pr
Građevni okovi – Zahtjevi i metode ispitivanja za
prozore i prozorska vrata – 9. dio: Okovi za horizontalne
i vertikalne prevrtne prozore (EN 13126-9:2013)

Building hardware – Requirements and test methods
for windows and door height windows – Part 9:
Hardware for horizontal and vertical pivot windows
(EN 13126-9:2013)

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

HRN EN ISO 3040:2013 en pr
Geometrijske specifikacije proizvoda (GSP) – Kotiranje
i tolerancije – Stošci (ISO 3040:2009;
EN ISO 3040:2012)
Geometrical product specifications (GPS) –
Dimensioning and tolerancing – Cones
(ISO 3040:2009; EN ISO 3040:2012)

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

HRN EN 13142:2013 en pr
Ventilacija u zgradama – Dijelovi/proizvodi za
stambenu ventilaciju – Zahtjevi i dodatne značajke
(EN 13142:2013)
Ventilation for buildings – Components/products
for residential ventilation – Required and optional
performance characteristics (EN 13142:2013)

HRN EN 16445:2013 en pr
Ventilacija u zgradama – Raspodjela zraka –
Aerodinamičko ispitivanje i ocjena pri miješajućem
strujanju: postupak za neizotermni hladni mlaz
(EN 16445:2013)
Ventilation for buildings – Air diffusion – Aerodynamic
testing and rating for mixed flow application: non-
isothermal procedure for cold jet (EN 16445:2013)

HRN EN 16445:2013 en pr
Ventilacija u zgradama – Raspodjela zraka –
Aerodinamičko ispitivanje i ocjena pri miješajućem
strujanju: postupak za neizotermni hladni mlaz
(EN 16445:2013)
Ventilation for buildings – Air diffusion – Aerodynamic
testing and rating for mixed flow application: non-
isothermal procedure for cold jet (EN 16445:2013)

HZN/TO 543, Poštanske usluge

HRN EN 13850:2013 en pr
Poštanske usluge – Kvaliteta usluga – Mjerenje
vremena prijenosa pojedinačne prioritete pošiljke od
prijama do uručenja (EN 13850:2012)
Postal Services – Quality of Services – Measurement
of the transit time of end-to-end services for single
piece priority mail and first class mail (EN 13850:2012)

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 16085:2013 en pr
Očuvanje kulturnoga dobra – Metodologija uzorkovanja
materijala od kojih je načinjeno kulturno dobro –
Osnovna pravila (EN 16085:2012)
Conservation of Cultural property – Methodology for
sampling from materials of cultural property – General
rules (EN 16085:2012)

HRN EN 16095:2013 en pr
Očuvanje kulturnoga dobra – Izvještaj o stanju
pokretne baštine – Vizualni pregled i opis stanja
pokretne baštine (EN 16095:2012)
Conservation of cultural property – Condition recording
for movable cultural heritage (EN 16095:2012)

HRN EN 16096:2013 en pr
Očuvanje kulturnoga dobra – Utvrđivanje stanja
nepokretne baštine (EN 16096:2012)
Conservation of cultural property – Condition survey
and report of built cultural heritage (EN 16096:2012)

HRN EN 16141:2013 en pr
Očuvanje kulturnog dobra – Smjernice za upravljanje
uvjetima okoliša – Otvorena skladišta: definicije i
značajke sabirnih centara za očuvanje kulturne baštine
i upravljanje njome (EN 16141:2012)
Conservation of cultural heritage – Guidelines for
management of environmental conditions – Open
storage facilities: definitions and characteristics of
collection centres dedicated to the preservation and
management of cultural heritage (EN 16141:2012)

- HRN EN 16242:2013 en pr
Očuvanje kulturnoga dobra – Postupci i uređaji za mjerenje vlažnosti zraka i izmjene vlage zraka i kulturnoga dobra (EN 16242:2012)
Conservation of cultural heritage – Procedures and instruments for measuring humidity in the air and moisture exchanges between air and cultural property (EN 16242:2012)
- HRN EN 16302:2013 en pr
Očuvanje kulturnoga dobra – Metode ispitivanja – Mjerenje upojnosti vlage pod niskim pritiskom (EN 16302:2013)
Conservation of cultural property – Test methods – Measurement of water absorption by pipe method (EN 16302:2013)

HZN/TO 548, Konstruktivski eurokodovi

- HRN EN 1992-1-1:2013 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade (EN 1992-1-1:2004+AC:2010)
Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings (EN 1992-1-1:2004+AC:2010)
- HRN EN 1992-1-1:2013/NA:2013 hr izv
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings – National Annex
- HRN EN 1992-1-2:2013 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara (EN 1992-1-2:2004+AC:2008)
Eurocode 2: Design of concrete structures – Part 1-2: General rules – Structural fire design (EN 1992-1-2:2004+AC:2008)
- HRN EN 1992-1-2:2013/NA:2013 hr izv
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 1-2: General rules – Structural fire design – National Annex
- HRN EN 1992-2:2013 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – 2. dio: Betonski mostovi – Proračun i pravila razrade detalja (EN 1992-2:2005+AC:2008)
Eurocode 2: Design of concrete structures – Part 2: Concrete bridges – Design and detailing rules (EN 1992-2:2005+AC:2008)
- HRN EN 1992-2:2013/NA:2013 hr izv
Eurokod 2: Projektiranje betonskih konstrukcija – 2. dio: Betonski mostovi – Proračun i pravila razrade detalja – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 2: Concrete bridges – Design and detailing rules – National Annex
- HRN EN 1992-3:2013 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – 3. dio: Spremnici tekućina i sipkih tvari (EN 1992-3:2006)
Eurocode 2: Design of concrete structures – Part 3: Liquid retaining and containment structures (EN 1992-3:2006)
- HRN EN 1992-3:2013/NA:2013 hr izv
Eurokod 2: Projektiranje betonskih konstrukcija – 3. dio: Spremnici tekućina i sipkih tvari – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 3: Liquid retaining and containment structures – National Annex

- HRN EN 1993-1-10:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva po debljini – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties – National Annex
- HRN EN 1993-1-11:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-11: Proračun konstrukcija s vlačnim dijelovima – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components – National annex
- HRN EN 1993-1-1:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-1: General rules and rules for buildings – National Annex
- HRN EN 1993-1-12:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-12: Dodatna pravila za proširenje norme EN 1993 na čelike do kvalitete S700 – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S700 – National Annex
- HRN EN 1993-1-2:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design – National Annex
- HRN EN 1993-1-3:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-3: Opća pravila – Dodatna pravila za hladno oblikovane elemente i limove – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-3: General rules – Supplementary rules for cold-formed members and sheeting – National Annex
- HRN EN 1993-1-4:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-4: Opća pravila – Dodatna pravila za nehrđajuće čelike – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-4: General rules – Supplementary rules for stainless steels – National Annex
- HRN EN 1993-1-5:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-5: Pločasti konstrukcijski elementi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-5: Plated structural elements – National Annex
- HRN EN 1993-1-6:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-6: Čvrstoća i stabilnost luskastih konstrukcija – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-6: Strength and Stability of Shell Structures – National Annex
- HRN EN 1993-1-7:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-7: Pločaste konstrukcije izložene opterećenju izvan ravnine – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-7: Plated structures subject to out of plane loading – National Annex
- HRN EN 1993-1-8:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-8: Proračun priključaka – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-8: Design of joints – National Annex

- HRN EN 1993-1-9:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-9: Zamor – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-9: Fatigue – National Annex
- HRN EN 1993-2:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – 2. dio: Čelični mostovi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 2: Steel bridges – National Annex
- HRN EN 1993-3-1:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 3-1: Tornjevi, jarboli i dimnjaci – Tornjevi i jarboli – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 3-1: Towers, masts and chimneys – Towers and masts – National Annex
- HRN EN 1993-3-2:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 3-2: Tornjevi, jarboli i dimnjaci – Dimnjaci – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 3-2: Towers, masts and chimneys – Chimneys – National Annex
- HRN EN 1993-4-1:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-1: Silosi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-1: Silos – National Annex
- HRN EN 1993-4-2:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-2: Spremnici – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-2: Tanks – National Annex
- HRN EN 1993-4-3:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-3: Cjevovodi – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-3: Pipelines – National Annex
- HRN EN 1993-5:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – 5. dio: Piloti i žmurje – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 5: Piling – National Annex
- HRN EN 1993-6:2008/NA:2013 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – 6. dio: Konstrukcije kranskih staza – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 6: Crane supporting structures – National Annex
- HRN EN 1999-1-1:2008/NA:2013 hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-1: Opća pravila – Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-1: General structural rules – National Annex
- HRN EN 1999-1-2:2008/NA:2013 hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-2: Proračun konstrukcija na djelovanje požara – Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-2: Structural fire design – National Annex
- HRN EN 1999-1-3:2008/NA:2013 hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-3: Konstrukcije osjetljive na zamor – Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-3: Structures susceptible to fatigue – National Annex
- HRN EN 1999-1-4:2008/NA:2013 hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-4: Hladno oblikovani konstrukcijski limovi – Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-4: Cold-formed structural sheeting – National Annex
- HRN EN 1999-1-5:2008/NA:2013 hr izv
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-5: Ljuskaste konstrukcije – Nacionalni dodatak
Eurocode 9: Design of aluminium structures – Part 1-5: Shell structures – National Annex
- HZN/TO 549, Svjetlo i rasvjeta**
- HRN EN 40-3-1:2013 en pr
Rasvjetni stupovi – Dio 3-1: Projektiranje i verifikacija – Specifikacija za karakteristična opterećenja (EN 40-3-1:2013)
Lighting columns – Part 3-1: Design and verification – Specification for characteristic loads (EN 40-3-1:2013)
- HRN EN 40-3-2:2013 en pr
Rasvjetni stupovi – Dio 3-2: Projektiranje i verifikacija – Verifikacija ispitivanjem (EN 40-3-2:2013)
Lighting columns – Part 3-2: Design and verification – Verification by testing (EN 40-3-2:2013)
- HRN EN 40-3-3:2013 en pr
Rasvjetni stupovi – Dio 3-3: Projektiranje i verifikacija – Verifikacija proračunom (EN 40-3-3:2013)
Lighting columns – Part 3-3: Design and verification – Verification by calculation (EN 40-3-3:2013)
- HZN/TO 554, Obrada otpadnih voda**
- HRN EN 12566-7:2013 en pr
Mali uređaji za obradu otpadnih voda, za opterećenje do 50 ES – 7. dio: Predgotovljene jedinice za tercijalnu obradu (EN 12566-7:2013)
Small wastewater treatment systems for up to 50 PT – Part 7: Prefabricated tertiary treatment units (EN 12566-7:2013)
- HZN/TO 560, Tekstilni proizvodi**
- HRN EN ISO 105-E01:2013 en pr
Tekstil – Ispitivanje postojanosti obojenja – Dio E01: Postojanost obojenja na vodu (ISO 105-E01:2013; EN ISO 105-E01:2013)
Textiles – Tests for colour fastness – Part E01: Colour fastness to water (ISO 105-E01:2013; EN ISO 105-E01:2013)
- HRN EN ISO 105-E02:2013 en pr
Tekstil – Ispitivanje postojanosti obojenja – Dio E02: Postojanost obojenja na morsku vodu (ISO 105-E02:2013; EN ISO 105-E02:2013)
Textiles – Tests for colour fastness – Part E02: Colour fastness to sea water (ISO 105-E02:2013; EN ISO 105-E02:2013)
- HRN EN ISO 105-E04:2013 en pr
Tekstil – Ispitivanje postojanosti obojenja – Dio E04: Postojanost obojenja na znoj (ISO 105-E04:2013; EN ISO 105-E04:2013)
Textiles – Tests for colour fastness – Part E04: Colour fastness to perspiration (ISO 105-E04:2013; EN ISO 105-E04:2013)
- HRN EN ISO 1833-22:2013 en pr
Tekstil – Kvantitativna kemijska analiza – 22. dio: Mješavine viskoznih ili određenih tipova bakrovih ili modalnih ili liocelnih vlakana i lana (metoda s uporabom mravlje kiseline i cinkovog klorida) (ISO 1833-22:2013; EN ISO 1833-22:2013)
Textiles – Quantitative chemical analysis – Part 22: Mixtures of viscose or certain types of cupro or modal or lyocell and flax fibres (method using formic acid and zinc chloride) (ISO 1833-22:2013; EN ISO 1833-22:2013)

HRN EN ISO 1833-26:2013 en pr
Tekstil – Kvantitativna kemijska analiza – 26. dio:
Mješavine melamina i pamuka ili aramidnih vlakana
(metoda s uporabom vruće mravlje kiseline)
(ISO 1833-26:2013; EN ISO 1833-26:2013)
Textiles – Quantitative chemical analysis – Part 26:
Mixtures of melamine and cotton or aramide fibres
(method using hot formic acid) (ISO 1833-26:2013;
EN ISO 1833-26:2013)

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

HRN EN 14678-1:2013 en pr
Oprema i pribor za UNP – Izvedba i značajke opreme
za UNP na stanicama za punjenje motornih vozila –
1. dio: Uređaji za istakanje (EN 14678-1:2013)
LPG equipment and accessories – Construction and
performance of LPG equipment for automotive filling
stations – Part 1: Dispensers (EN 14678-1:2013)

HRN EN 14894:2013 en pr
Oprema i pribor za UNP – Označavanje boca i
spremnika (EN 14894:2013)
LPG equipment and accessories – Cylinder and drum
marking (EN 14894:2013)

HZN/TO 562, *Alatni strojevi i alati*

HRN EN 848-1:2013 en pr
Sigurnost strojeva za obradu drva – Jednostrani
strojevi za oblikovanje kalupa rotirajućim alatom –
1. dio: Jednovretni strojevi za vertikalno oblikovanje
kalupa (EN 848-1:2007+A2:2012)
Safety of woodworking machines – One side moulding
machines with rotating tool – Part 1: Single spindle
vertical moulding machines (EN 848-1:2007+A2:2012)

HRN EN 848-2:2013 en pr
Sigurnost strojeva za obradu drva – Jednostrani
strojevi za oblikovanje kalupa rotirajućim alatom –
2. dio: Jednovretni strojevi vođeni ručno ili s ugrađenim
vođenjem po krivulji (EN 848-2:2007+A2:2012)
Safety of woodworking machines – One side moulding
machines with rotating tool – Part 2: Single spindle
hand fed/integrated fed routing machines
(EN 848-2:2007+A2:2012)

HRN EN 859:2013 en pr
Sigurnost strojeva za obradu drva – Ručno vođeni
strojevi za blanjanje površine (EN 859:2007+A2:2012)
Safety of woodworking machines – Hand fed surface
planing machines (EN 859:2007+A2:2012)

HRN EN 860:2013 en pr
Sigurnost strojeva za obradu drva – Strojevi za
jednostrano blanjanje (EN 860:2007+A2:2012)
Safety of woodworking machines – One side thickness
planing machines (EN 860:2007+A2:2012)

HRN EN 861:2013 en pr
Sigurnost strojeva za obradu drva – Strojevi za
blanjanje površina i blanjanje na debljinu
(EN 861:2007+A2:2012)
Safety of woodworking machines – Surface planing
and thicknessing machines (EN 861:2007+A2:2012)

HRN EN 1870-5:2013 en pr
Sigurnost strojeva za obradu drva – Kružne pile –
5. dio: Kružne pile sa stolovima/potezno-poprečne pile
(EN 1870-5:2002+A2:2012)
Safety of woodworking machines – Circular sawing
machines – Part 5: Circular sawbenches/up-cutting
cross-cut sawing machines (EN 1870-5:2002+A2:2012)

HRN EN 1870-9:2013 en pr
Sigurnost strojeva za obradu drveta – Kružne pile –
9. dio: Kružne pile s dvije pile za poprečno rezanje
s ugrađenim posmakom i ručnim ulaganjem i/ili
odlaganjem (EN 1870-9:2012)

Safety of woodworking machines – Circular sawing
machines – Part 9: Double blade circular sawing
machines for cross-cutting with integrated feed and
with manual loading and/or unloading
(EN 1870-9:2012)

HRN EN 1870-15:2013 en pr
Sigurnost strojeva za obradu drveta – Kružne pile –
15. dio: Višelistne kružne pile s ugrađenim posmakom
obratka i ručnim ulaganjem i/ili odlaganjem
(EN 1870-15:2012)

Safety of woodworking machines – Circular sawing
machines – Part 15: Multi-blade cross-cut sawing
machines with integrated feed of the workpiece and
manual loading and/or unloading (EN 1870-15:2012)

HRN EN 13218:2008/Ispr.1:2013 en pr
Alatni strojevi – Sigurnost – Nepomične brusilice
(EN 13218:2002+A1:2008/AC:2010)
Machine tools – Safety – Stationary grinding machines
(EN 13218:2002+A1:2008/AC:2010)

HRN EN ISO 23125:2010/A1:2013 en pr
Machine tools – Safety – Turning machines –
Amendment 1 (ISO 23125:2010/Amd 1:2012;
EN ISO 23125:2010/A1:2012)

HZN/TO 563, *Sigurnost strojeva*

HRN EN 15861:2013 en pr
Food processing machinery – Smokehouses – Safety
and hygiene requirements (EN 15861:2012)

HZN/TO 568, *Analize hrane - Horizontalne metode*

HRS CEN ISO/TS 6579-2:2013 en pr
Mikrobiologija hrane i hrane za životinje – Horizontalna
metoda za dokazivanje, brojenje i serološku tipizaciju
bakterije *Salmonella* – 2. dio: Brojenje minijaturiziranom
tehnikom najvjerojatnijeg broja (ISO/TS 6579-2:2012;
CEN ISO/TS 6579-2:2012)
Microbiology of food and animal feed – Horizontal
method for the detection, enumeration and serotyping
of *Salmonella* – Part 2: Enumeration by a miniaturized
most probable number technique
(ISO/TS 6579-2:2012; CEN ISO/TS 6579-2:2012)

HRN EN ISO 6887-6:2013 en pr
Mikrobiologija hrane i hrane za životinje – Priprema
ispitnih uzoraka, početne suspenzije i decimalnih
razrjeđenja za mikrobiološko ispitivanje – 6. dio:
Posebna pravila za pripremu uzoraka uzetih na
primarnom stupnju proizvodnje (ISO 6887-6:2013;
EN ISO 6887-6:2013)
Microbiology of food and animal feed – Preparation of
test samples, initial suspension and decimal dilutions
for microbiological examination – Part 6: Specific rules
for the preparation of samples taken at the primary
production stage (ISO 6887-6:2013;
EN ISO 6887-6:2013)

HRS CEN ISO/TS 13136:2013 en pr
Mikrobiologija hrane i hrane za životinje – Metoda
temeljena na lančanoj reakciji polimerazom u stvarnom
vremenu (PCR) za dokazivanje prisutnosti patogena
koji se prenose hranom – Horizontalna metoda za
dokazivanje Shiga toksin producirajuće bakterije
Escherichia coli (STEC) i određivanje O157, O111,
O26, O103 i O145 serotipova (ISO/TS 13136:2012;
CEN ISO/TS 13136:2012)
Microbiology of food and animal feed – Real-time
polymerase chain reaction (PCR)-based method for the
detection of food-borne pathogens – Horizontal method
for the detection of Shiga toxin-producing *Escherichia
coli* (STEC) and the determination of O157, O111, O26,
O103 and O145 serogroups (ISO/TS 13136:2012;
CEN ISO/TS 13136:2012)

HRN EN ISO 13307:2013 en pr
Mikrobiologija hrane i hrane za životinje – Primarni stupanj proizvodnje – Tehnike uzorkovanja (ISO 13307:2013; EN ISO 13307:2013)
Microbiology of food and animal feed – Primary production stage – Sampling techniques (ISO 13307:2013; EN ISO 13307:2013)

HRS CEN/TS 15633-3:2013 en pr
Hrana – Dokazivanje alergena u hrani imunološkim metodama – 3. dio: Kvantitativno određivanje lješnjaka imunoenzimskom metodom upotrebom poliklonskih protutijela i dokazivanjem proteina Lowryevom metodom (CEN/TS 15633-3:2012)
Foodstuffs – Detection of food allergens by immunological methods – Part 3: Quantitative determination of hazelnut with an enzyme immunoassay using polyclonal antibodies and Lowry protein detection (CEN/TS 15633-3:2012)

HRI CEN/TR 16338:2013 en pr
Hrana – Dokazivanje alergena u hrani – Predložak za pribavljanje informacija o imunološkim i molekularnobiološkim metodama (CEN/TR 16338:2012)
Foodstuffs – Detection of food allergens – Template for supplying information about immunological methods and molecular biological methods (CEN/TR 16338:2012)

HRN EN ISO 21569:2007/A1:2013 en pr
Hrana – Metode analize za dokazivanje genetički modificiranih organizama i od njih dobivenih proizvoda – Kvalitativne metode temeljene na nukleinskoj kiselini – Amandman 1 (ISO 21569:2005/Amd 1:2013; EN ISO 21569:2005/A1:2013)
Foodstuffs – Methods of analysis for the detection of genetically modified organisms and derived products – Qualitative nucleic acid based methods – Amendment 1 (ISO 21569:2005/Amd 1:2013; EN ISO 21569:2005/A1:2013)

HRN EN ISO 21570:2007/A1:2013 en pr
Hrana – Metode analize za dokazivanje genetički modificiranih organizama i od njih dobivenih proizvoda – Kvantitativne metode temeljene na nukleinskoj kiselini (ISO 21570:2005/Amd 1:2013; EN ISO 21570:2005/A1:2013)
Foodstuffs – Methods of analysis for the detection of genetically modified organisms and derived products – Quantitative nucleic acid based methods (ISO 21570:2005/Amd 1:2013; EN ISO 21570:2005/A1:2013)

HZN/TO 569, Hrana za životinje

HRN EN ISO 17180:2013 en pr
Hrana za životinje – Određivanje lizina, metionina i treonina u komercijalnim proizvodima aminokiselina i predmješavinama (premixima) (ISO 17180:2013; EN ISO 17180:2013)
Animal feeding stuffs – Determination of lysine, methionine and threonine in commercial amino acid products and premixtures (ISO 17180:2013; EN ISO 17180:2013)

HZN/TO 570, Sustavi upravljanja energijom

HRN EN 16247-1:2013 en pr
Energetski audit – 1. dio: Opći zahtjevi (EN 16247-1:2012)
Energy audits – Part 1: General requirements (EN 16247-1:2012)

HZN/TO E2, Rotacijski strojevi

HRN EN 60034-18-21:2013 en pr
Rotacijski električni strojevi – Dio 18-21: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za namote s okruglom žicom – Termička procjena i klasifikacija (IEC 60034-18-21:2012; EN 60034-18-21:2013)

Rotating electrical machines – Part 18-21: Functional evaluation of insulation systems – Test procedures for wire-wound windings – Thermal evaluation and classification (IEC 60034-18-21:2012; EN 60034-18-21:2013)

HZN/TO E9, Električna oprema za željeznicu

HRN EN 45545-5:2013 en pr
Željezničke primjene – Zaštita od požara na željezničkim vozilima – 5. dio: Požarni sigurnosni zahtjevi za električnu opremu uključujući i onu na trolejbusima, kolosiječno vođenim autobusima i vozilima s magnetskom levitacijom (EN 45545-5:2013)
Railway applications – Fire protection on railway vehicles – Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles (EN 45545-5:2013)

HRN EN 50119:2011/A1:2013 en pr
Željezničke primjene – Stabilna postrojenja – Nadzemni kontaktni vodovi u električnoj vuči (EN 50119:2009/A1:2013)
Railway applications – Fixed installations – Electric traction overhead contact lines (EN 50119:2009/A1:2013)

HRN EN 50122-1:2011/Ispr.1:2013 en pr
Željezničke primjene – Stabilna postrojenja – Električna sigurnost, uzemljivanje i povratni krug – 1. dio: Zaštitne mjere protiv električnog udara (EN 50122-1:2011/AC:2012)
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 1: Protective provisions against electric shock (EN 50122-1:2011/AC:2012)

HRN EN 50128:2013 en pr
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – Softver za željezničke upravljačke i kontrolne sustave (EN 50128:2011)
Railway applications – Communication, signalling and processing systems – Software for railway control and protection systems (EN 50128:2011)

HRN EN 50149:2013 en pr
Željezničke primjene – Stabilna postrojenja – Električna vuča – Užljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2012)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2012)

HRN EN 50367:2013 en pr
Željezničke primjene – Sustavi oduzimača struje – Tehnički uvjeti za međusobno djelovanje pantografa i kontaktnog voda (omogućavanje slobodnog pristupa) (EN 50367:2012)
Railway applications – Current collection systems – Technical criteria for the interaction between pantograph and overhead line (to achieve free access) (EN 50367:2012)

HRN EN 50467:2013 en pr
Željezničke primjene – Željeznička vozila – Električni konektori, zahtjevi i načini ispitivanja (EN 50467:2011)
Railway applications – Rolling stock – Electrical connectors, requirements and test methods (EN 50467:2011)

HRN EN 50526-1:2013 en pr
Željezničke primjene – Stabilna postrojenja – Istosmjerni odvodnici prenapona i uređaji za ograničavanje napona – 1. dio: Odvodnici prenapona (EN 50526-1:2012)
Railway applications – Fixed installations – D.C. surge arresters and voltage limiting devices – Part 1: Surge arresters (EN 50526-1:2012)

- HRN EN 50533:2013 en pr
Željezničke primjene – Naponske karakteristike trofaznog željezničkog voda (EN 50533:2011)
Railway applications – Three-phase train line voltage characteristics (EN 50533:2011)
- HRN EN 61375-1:2013 en pr
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – 1. dio: Arhitektura općenito (IEC 61375-1:2012; EN 61375-1:2012)
Electronic railway equipment – Train communication network (TCN) – Part 1: General architecture (IEC 61375-1:2012; EN 61375-1:2012)
- HRN EN 61375-2-1:2013 en pr
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 2-1: Žičana sabirnica vlaka (WTB) (IEC 61375-2-1:2012; EN 61375-2-1:2012)
Electronic railway equipment – Train communication network (TCN) – Part 2-1: Wire Train Bus (WTB) (IEC 61375-2-1:2012; EN 61375-2-1:2012)
- HRN EN 61375-2-2:2013 en pr
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 2-2: Ispitivanje sukladnosti žičane sabirnice vlaka (WTB-a) (IEC 61375-2-2:2012; EN 61375-2-2:2012)
Electronic railway equipment – Train communication network (TCN) – Part 2-2: Wire Train Bus conformance testing (IEC 61375-2-2:2012; EN 61375-2-2:2012)
- HRN EN 61375-3-1:2013 en pr
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 3-1: Višefunkcijska sabirnica vozila (MVB) (IEC 61375-3-1:2012; EN 61375-3-1:2012)
Electronic railway equipment – Train communication network (TCN) – Part 3-1: Multifunction Vehicle Bus (MVB) (IEC 61375-3-1:2012; EN 61375-3-1:2012)
- HRN EN 61375-3-2:2013 en pr
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 3-2: Ispitivanje sukladnosti MVB-a (Višefunkcijske sabirnice vozila) (IEC 61375-3-2:2012; EN 61375-3-2:2012)
Electronic railway equipment – Train communication network (TCN) – Part 3-2: MVB (Multifunction Vehicle Bus) conformance testing (IEC 61375-3-2:2012; EN 61375-3-2:2012)
- HRN EN 61375-3-3:2013 en pr
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 3-3: Mreža bazirana na CANopen-u (CCN) (IEC 61375-3-3:2012; EN 61375-3-3:2012)
Electronic railway equipment – Train communication network (TCN) – Part 3-3: CANopen Consist Network (CCN) (IEC 61375-3-3:2012; EN 61375-3-3:2012)
- HRN EN 61881-2:2013 en pr
Željezničke primjene – Oprema za željeznička vozila – Kondenzatori za energetske elektrone – 2. dio: Aluminijski elektrolitski kondenzatori s tekućim elektrolitom (IEC 61881-2:2012; EN 61881-2:2012)
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 2: Aluminium electrolytic capacitors with non solid electrolyte (IEC 61881-2:2012; EN 61881-2:2012)
- HRN EN 61881-3:2013 en pr
Željezničke primjene – Oprema za željeznička vozila – Kondenzatori za energetske elektrone – 3. dio: Kondenzatori s dvostrukim električnim slojem (IEC 61881-3:2012; EN 61881-3:2012)
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors (IEC 61881-3:2012; EN 61881-3:2012)
- HRN EN 62290-2:2013 en pr
Željezničke primjene – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 2. dio: Specifikacija zahtjeva za funkcionalnost (IEC 62290-2:2011; EN 62290-2:2011)
Railway applications – Urban guided transport management and command/control systems – Part 2: Functional requirements specification (IEC 62290-2:2011; EN 62290-2:2011)
- HRN EN 62520:2013 en pr
Željezničke primjene – Električna vuča – Linearni indukcijski motori s primarom na vozilu koji se napajaju iz pretvarača snage (IEC 62520:2011; EN 62520:2011)
Railway applications – Electric traction – Short-primary type linear induction motors (LIM) fed by power converters (IEC 62520:2011; EN 62520:2011)

HZN/TO E11, Nadzemni vodovi

- HRN EN 50341-1:2013 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV – 1. dio: Opći zahtjevi – Uobičajene specifikacije (EN 50341-1:2012)
Overhead electrical lines exceeding AC 1 kV – Part 1: General requirements – Common specifications (EN 50341-1:2012)

HZN/TO E14, Energetski transformatori

- HRN EN 50464-1:2008/A1:2013 en pr
Trofazni uljni distributivni transformatori 50 Hz, od 50 kVA do 2500 kVA za najviši napon opreme koji ne prelazi 36 kV – 1. dio: Opći zahtjevi (EN 50464-1:2007/A1:2012)
Three-phase oil-immersed distribution transformers 50 Hz, from 50 kVA to 2500 kVA with highest voltage for equipment not exceeding 36 kV – Part 1: General requirements (EN 50464-1:2007/A1:2012)
- HRN EN 60076-18:2013 en pr
Energetski transformatori – 18. dio: Mjerenje frekvencijskog odziva (IEC 60076-18:2012; EN 60076-18:2012)
Power transformers – Part 18: Measurement of frequency response (IEC 60076-18:2012; EN 60076-18:2012)

HZN/TO E22, Energetska elektronika

- HRN IEC 60050-551-20:2013 en pr
Međunarodni elektrotehnički rječnik – Poglavlje 551-20: Energetska elektronika – Harmonijska analiza (IEC 60050-551-20:2001)
International Electrotechnical Vocabulary – Part 551-20: Power electronics – Harmonic analysis (IEC 60050-551-20:2001)
- HRN IEC 60119:2013 en pr
Preporuke za polikristalinične poluvodičke ispravljачke slogove i opremu (IEC 60119:1960)
Recommendations for polycrystalline semiconductor rectifier stacks and equipment (IEC 60119:1960)
- HRI IEC/TR 60146-1-2:2013 en pr
Poluvodički pretvarači – Opći zahtjevi i mrežom komutirani pretvarači – Dio 1-2: Uputa za primjenu (IEC/TR 60146-1-2:2011)
Semiconductor converters – General requirements and line commutated converters – Part 1-2: Application guide (IEC/TR 60146-1-2:2011)
- HRS IEC/TS 60146-6:2013 en pr
Poluvodički pretvarači – 6. dio: Uputa za primjenu zaštite poluvodičkih pretvarača od prevelike struje s osiguračima (IEC/TS 60146-6:1992)
Semiconductor converters – Part 6: Application guide for the protection of semiconductor converters against overcurrent by fuses (IEC/TS 60146-6:1992)

- HRI IEC/TR 60919-1:2013 en pr
Svojstva energetskih sustava istosmjerne struje visokog napona (HVDC) s mrežom komutiranim pretvaračima – 1. dio: Stacionarna stanja (IEC/TR 60919-1:2010)
Performance of high-voltage direct current (HVDC) systems with line-commutated converters – Part 1: Steady-state conditions (IEC/TR 60919-1:2010)
- HRI IEC/TR 60919-3:2013 en pr
Svojstva energetskih sustava istosmjerne struje visokog napona (HVDC) s mrežom komutiranim pretvaračima – 3. dio: Dinamička stanja (IEC/TR 60919-3:2009)
Performance of high-voltage direct current (HVDC) systems with line-commutated converters – Part 3: Dynamic conditions (IEC/TR 60919-3:2009)
- HRN IEC 61204-3:2013 en pr
Niskonaponski napajajući s istosmjernim izlazom – 3. dio: Elektromagnetska kompatibilnost (EMC) (IEC 61204-3:2011)
Low-voltage power supply devices, d.c. output – Part 3: Electromagnetic compatibility (EMC) (IEC 61204-3:2011)
- HRS IEC/TS 61800-8:2013 en pr
Elektromotorni sustavi prilagodljive brzine – 8. dio: Specifikacija napona na energetskom sučelju (IEC/TS 61800-8:2010)
Adjustable speed electrical power drive systems – Part 8: Specification of voltage on the power interface (IEC/TS 61800-8:2010)
- HRS IEC/TS 61973:2013 en pr
Čujna buka podstanice istosmjerne struje visokog napona (HVDC) (IEC/TS 61973:2012)
High-voltage direct current (HVDC) substation audible noise (IEC/TS 61973:2012)
- HRI IEC/TR 62001:2013 en pr
Energetski sustavi istosmjerne struje visokog napona (HVDC) – Vodič za specifikaciju i procjenu projekta izmjeničnih filtara (IEC/TR 62001:2009)
High-voltage direct current (HVDC) systems – Guidebook to the specification and design evaluation of A.C. filters (IEC/TR 62001:2009)
- HRN IEC 62103:2013 en pr
Elektronička oprema za uporabu u energetskim instalacijama (IEC 62103:2003)
Electronic equipment for use in power installations (IEC 62103:2003)
- HRI IEC/TR 62543:2013 en pr
Prijenos energije u sustavu istosmjerne struje visokog napona (HVDC) uporabom pretvarača s naponskim ulazom (IEC/TR 62543:2011)
High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC) (IEC/TR 62543:2011)
- HRI IEC/TR 62544:2013 en pr
Energetski sustavi istosmjerne struje visokog napona (HVDC) – Primjena aktivnih filtara (IEC/TR 62544:2011)
High-voltage direct current (HVDC) systems – Application of active filters (IEC/TR 62544:2011)
- HRS IEC/TS 62578:2013 en pr
Sustavi i oprema energetske elektronike – Radni uvjeti i značajke primjena aktivnih pretvaračkih izvora energije (ili izvora energije s pretvaračima) (IEC/TS 62578:2009)
Power electronics systems and equipment – Operation conditions and characteristics of active infeed converter applications (IEC/TS 62578:2009)

HZN/TO E45, *Nuklearna instrumentacija*

- HRN EN 60671:2013 en pr
Nuklearne elektrane – Instrumentacija i sustavi upravljanja važni za sigurnost – Nadgledanje ispitivanja (IEC 60671:2007; EN 60671:2011)
Nuclear power plants – Instrumentation and control systems important to safety – Surveillance testing (IEC 60671:2007; EN 60671:2011)
- HRN EN 60965:2013 en pr
Nuklearne elektrane – Upravljačke sobe – Dodatne kontrolne točke za zaustavljanje reaktora bez pristupa u glavnu upravljačku sobu (IEC 60965:2009; EN 60965:2011)
Nuclear power plants – Control rooms – Supplementary control points for reactor shutdown without access to the main control room (IEC 60965:2009; EN 60965:2011)
- HRN EN 61500:2013 en pr
Nuklearne elektrane – Instrumentacija i sustavi upravljanja koji su važni za sigurnost – Komunikacija podacima u sustavima koji provode A funkcije (IEC 61500:2009; EN 61500:2011)
Nuclear power plants – Instrumentation and control important to safety – Data communication in systems performing category A functions (IEC 61500:2009; EN 61500:2011)
- HRN EN 62244:2013 en pr
Instrumentacija u zaštiti od zračenja – Ugrađeni monitori zračenja za detekciju radioaktivnih i specijalnih nuklearnih materijala na nacionalnim granicama (IEC 62244:2006, MOD; EN 62244:2011)
Radiation protection instrumentation – Installed radiation monitors for the detection of radioactive and special nuclear materials at national borders (IEC 62244:2006, MOD; EN 62244:2011)
- HRN EN 62327:2013 en pr
Instrumentacija u zaštiti od zračenja – Ručni instrumenti za detekciju i identifikaciju radionuklida i za indicaciju brzine ambijentnog doznog ekvivalenta od fotonskog zračenja (IEC 62327:2006, MOD; EN 62327:2011)
Radiation protection instrumentation – Hand-held instruments for the detection and identification of radionuclides and for the indication of ambient dose equivalent rate from photon radiation (IEC 62327:2006, MOD; EN 62327:2011)
- HRN EN 62363:2013 en pr
Instrumentacija u zaštiti od zračenja – Prijenosni mjerači i monitori fotonske kontaminacije (IEC 62363:2008, MOD; EN 62363:2011)
Radiation protection instrumentation – Portable photon contamination meters and monitors (IEC 62363:2008, MOD; EN 62363:2011)

HZN/TO E55, *Žice za namote*

- HRN EN 60851-3:2013 en pr
Žice za namote – Ispitne metode – 3. dio: Mehanička svojstva (IEC 60851-3:2009; EN 60851-3:2009)
Winding wires – Test methods – Part 3: Mechanical properties (IEC 60851-3:2009; EN 60851-3:2009)

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

- HRN EN 50242:2008/A11:2013 en pr
Električne perilice posuđa za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (IEC 60436:2004/am1:2009, MOD+IEC 60436:2004/am2:2012, MOD; EN 50242:2008/A11:2012)
Electric dishwashers for household use – Methods for measuring the performance (IEC 60436:2004/am1:2009, MOD+IEC 60436:2004/am2:2012, MOD; EN 50242:2008/A11:2012)

- HRN EN 60456:2013 en pr
Perilice rublja za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (IEC 60456:2010, MOD+Corr.:2011; EN 60456:2011)
Clothes washing machines for household use – Methods for measuring the performance (IEC 60456:2010, MOD+Corr.:2011; EN 60456:2011)
- HRN EN 60704-1:2011/A11:2013 en pr
Kućanski i slični električni aparati – Ispitna pravila za određivanje uzdušne buke – 1. dio: Opći zahtjevi (EN 60704-1:2010/A11:2012)
Household and similar electrical appliances – Test code for the determination of airborne noise – Part 1: General requirements (EN 60704-1:2010/A11:2012)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

- HRN EN 60335-2-11:2011/A11:2013 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-11: Posebni zahtjevi za bubnjaste sušilice (EN 60335-2-11:2010/A11:2012)
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers (EN 60335-2-11:2010/A11:2012)
- HRN EN 60335-2-13:2011/A11:2013 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-13: Posebni zahtjevi za friteze, tave za prženje i slične aparate (EN 60335-2-13:2010/A11:2012)
Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances (EN 60335-2-13:2010/A11:2012)
- HRN EN 60335-2-2:2011/A11:2013 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-2: Posebni zahtjevi za usisavače i aparate za čišćenje koji usisavaju vodu (EN 60335-2-2:2010/A11:2012)
Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (EN 60335-2-2:2010/A11:2012)
- HRN EN 60335-2-5:2005/A12:2013 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-5: Posebni zahtjevi za perilice posuđa (EN 60335-2-5:2003/A12:2012)
Household and similar electrical appliances – Safety – Part 2-5: Particular requirements for dishwashers (EN 60335-2-5:2003/A12:2012)

HZN/TO E62, Električna oprema u medicinskoj praksi

- HRN EN 45502-2-3:2013 en pr
Aktivni implantabilni medicinski uređaji – Dio 2-3: Posebni zahtjevi za usadne sustave pužnica i slušnih dijelova mozga (EN 45502-2-3:2010)
Active implantable medical devices – Part 2-3: Particular requirements for cochlear and auditory brainstem implant systems (EN 45502-2-3:2010)
- HRN EN 60601-2-65:2013 en pr
Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment (IEC 60601-2-65:2012; EN 60601-2-65:2013)

HZN/TO E79, Alarmni sustavi

- HRN EN 50130-5:2013 en pr
Alarmni sustavi – 5. dio: Metode ispitivanja pri utjecaju okoliša (EN 50130-5:2011)
Alarm systems – Part 5: Environmental test methods (EN 50130-5:2011)
- HRS CLC/TS 50131-2-8:2013 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-8: Protuprovalni detektori – Detektori udara (CLC/TS 50131-2-8:2012)

Alarm systems – Intrusion and hold-up systems – Part 2-8: Intrusion detectors – Shock detectors (CLC/TS 50131-2-8:2012)

- HRS CLC/TS 50131-5-4:2013 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 5-4: Ispitivanje kompatibilnosti opreme protuprovalnih i protuprepadnih sustava smještenih u nadziranim objektima (CLC/TS 50131-5-4:2012)
Alarm systems – Intrusion and hold-up systems – Part 5-4: System compatibility testing for I&HAS equipments located in supervised premises (CLC/TS 50131-5-4:2012)
- HRS CLC/TS 50131-11:2013 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 11. dio: Protuprepadni uređaji (CLC/TS 50131-11:2012)
Alarm systems – Intrusion and hold-up systems – Part 11: Hold-up devices (CLC/TS 50131-11:2012)
- HRN EN 50134-3:2013 en pr
Alarmni sustavi – Socijalni alarmni sustavi – 3. dio: Lokalna jedinica i upravljački uređaj (EN 50134-3:2012)
Alarm systems – Social alarm systems – Part 3: Local unit and controller (EN 50134-3:2012)
- HRN EN 50136-1:2013 en pr
Alarmni sustavi – Sustavi i uređaji za prijenos signala alarma – 1. dio: Opći zahtjevi za sustave za prijenos signala (EN 50136-1:2012)
Alarm systems – Alarm transmission systems and equipment – Part 1: General requirements for alarm transmission systems (EN 50136-1:2012)
- HRS CLC/TS 50136-9:2013 en pr
Alarmni sustavi – Alarmni sustavi i oprema – Dio 9: Zahtjevi za zajednički protokol za alarmnu prijenosnu komunikaciju koristeći Internet protokol (CLC/TS 50136-9:2013)

HZN/TO E81, Zaštita od munje

- HRN EN 50536:2013 en pr
Zaštita od munje – Sustavi detekcije grmljavinskih oluja (EN 50536:2011+AC:2011+A1:2012)
Protection against lightning – Thunderstorm warning systems (EN 50536:2011+AC:2011+A1:2012)
- HRN EN 62305-3:2013 en pr
Zaštita od munje – 3. dio: Materijalne štete na građevinama i opasnost za život (IEC 62305-3:2010, MOD; EN 62305-3:2011)
Protection against lightning – Part 3: Physical damage to structures and life hazard (IEC 62305-3:2010, MOD; EN 62305-3:2011)
- HRN EN 62305-4:2013 en pr
Zaštita od munje – 4. dio: Električni i elektronički sustavi unutar građevina (IEC 62305-4:2010, MOD; EN 62305-4:2011)
Protection against lightning – Part 4: Electrical and electronic systems within structures (IEC 62305-4:2010, MOD; EN 62305-4:2011)
- HRN EN 62561-4:2013 en pr
Sastavnice sustava zaštite od munje (LPSC) – 4. dio: Zahtjevi za držače vodiča (IEC 62561-4:2010, MOD; EN 62561-4:2011)
Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners (IEC 62561-4:2010, MOD; EN 62561-4:2011)
- HRN EN 62561-5:2013 en pr
Sastavnice sustava zaštite od munje (LPSC) – 5. dio: Zahtjevi za uzemne zdenice i brtvenice vodiča uzemljivača (IEC 62561-5:2011, MOD; EN 62561-5:2011)
Lightning protection system components (LPSC) – Part 5: Requirements for earth electrode inspection housings and earth electrode seals (IEC 62561-5:2011, MOD; EN 62561-5:2011)

HRN EN 62561-6:2013 en pr
Sastavnice sustava zaštite od munje (LPSC) – 6. dio:
Zahtjevi za brojače udara munja
(IEC 62561-6:2011, MOD; EN 62561-6:2011)
Lightning protection system components (LPSC) –
Part 6: Requirements for lightning strike counters (LSC)
(IEC 62561-6:2011, MOD; EN 62561-6:2011)

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

HRN EN 60544-2:2013 en pr
Električni izolacijski materijali – Određivanje učinaka ionizacijskog zračenja na izolacijske materijale – 2. dio: Postupci za ozračivanje i ispitivanje
(IEC 60544-2:2012; EN 60544-2:2012)
Electrical insulating materials – Determination of the effects of ionizing radiation on insulating materials – Part 2: Procedures for irradiation and test
(IEC 60544-2:2012; EN 60544-2:2012)

HRN EN 60544-5:2013 en pr
Električni izolacijski materijali – Određivanje učinaka ionizacijskog zračenja – 5. dio: Postupci za procjenu starenja tijekom rada (IEC 60544-5:2011; EN 60544-5:2012)
Electrical insulating materials – Determination of the effects of ionizing radiation – Part 5: Procedures for assessment of ageing in service (IEC 60544-5:2011; EN 60544-5:2012)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55103-1:2010/A1:2013 en pr
Elektromagnetska kompatibilnost – Norma porodice proizvoda za audio, video, audiovizualne aparate i rasvjetne aparate za zabavu – 1. dio: Emisija
(EN 55103-1:2009/A1:2012)
Electromagnetic compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use – Part 1: Emissions (EN 55103-1:2009/A1:2012)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 386 V1.6.1:2013 en pr
Elektromagnetska kompatibilnost i radiospektar (ERM) – Telekomunikacijska mrežna oprema – Zahtjevi za elektromagnetskom kompatibilnošću
(EN 300 386 V1.6.1:2012)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Telecommunication network equipment – ElectroMagnetic Compatibility (EMC) requirements (EN 300 386 V1.6.1:2012)

HRN EN 319 401 V1.1.1:2013 en pr
Elektronički potpisi i infrastrukture (ESI) – Sveopći zahtjevi općih pravila za vjerodostojne davatelje usluga koje podržavaju elektroničke potpise
(EN 319 401 V1.1.1:2013)
Electronic Signatures and Infrastructures (ESI) – General Policy Requirements for Trust Service Providers supporting Electronic Signatures
(EN 319 401 V1.1.1:2013)

HRN EN 319 411-2 V1.1.1:2013 en pr
Elektronički potpisi i infrastrukture (ESI) – Opća pravila i sigurnosni zahtjevi za vjerodostojne davatelje usluga certificiranja – 2. dio: Zahtjevi za opća pravila za certifikacijska tijela koja izdaju kvalificirane certifikate
(EN 319 411-2 V1.1.1:2013)
Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 2: Policy requirements for certification authorities issuing qualified certificates
(EN 319 411-2 V1.1.1:2013)

HRN EN 319 411-3 V1.1.1:2013 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila i sigurnost za vjerodostojne davatelje usluga koji izdaju certifikate – 3. dio: Opća pravila za certifikacijska tijela koja izdaju certifikate s javnim ključem
(EN 319 411-3 V1.1.1:2013)
Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 3: Policy requirements for Certification Authorities issuing public key certificates
(EN 319 411-3 V1.1.1:2013)

HRN EN 319 412-5 V1.1.1:2013 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili vjerodostojnih davatelja usluga koji izdaju certifikate – 5. dio: Proširenje za profil kvalificiranoga certifikata
(EN 319 412-5 V1.1.1:2013)
Electronic Signatures and Infrastructures (ESI) – Profiles for Trust Service Providers issuing certificates – Part 5: Extension for Qualified Certificate profile
(EN 319 412-5 V1.1.1:2013)

HZN/TO Z1, Informacijska tehnologija

HRN ISO/IEC 9594-8:2013 en pr
Informacijska tehnologija – Međusobno povezivanje otvorenih sustava – Imenik: Okviri certifikata javnog ključa i atributnog certifikata
(ISO/IEC 9594-8:2008+Corr.1:2011+Corr.2:2012)
Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks
(ISO/IEC 9594-8:2008+Corr.1:2011+Corr.2:2012)

HRN ISO/IEC 9798-2:2013 en pr
Informacijska tehnologija – Sigurnosne tehnike – Autentifikacija subjekta – 2. dio: Mehanizmi korištenja simetričnih algoritama za šifriranje
(ISO/IEC 9798-2:2008+Corr.1:2010+Corr.2:2012)
Information technology – Security techniques – Entity authentication – Part 2: Mechanisms using symmetric encipherment algorithms
(ISO/IEC 9798-2:2008+Corr.1:2010+Corr.2:2012)

HRN ISO/IEC 9798-3:2013 en pr
Informacijska tehnologija – Sigurnosne tehnike – Autentifikacija subjekta – 3. dio: Mehanizmi korištenja tehnika digitalnog potpisa
(ISO/IEC 9798-3:1998+Corr.1:2009+am1:2010+Corr.2:2012)
Information technology – Security techniques – Entity authentication – Part 3: Mechanisms using digital signature techniques
(ISO/IEC 9798-3:1998+Corr.1:2009+am1:2010+Corr.2:2012)

HRN ISO/IEC 9798-4:2013 en pr
Informacijska tehnologija – Sigurnosne tehnike – Autentifikacija subjekta – 4. dio: Mehanizmi korištenja kriptografske funkcije za provjeru
(ISO/IEC 9798-4:1999+Corr.1:2009+Corr.2:2012)
Information technology – Security techniques – Entity authentication – Part 4: Mechanisms using a cryptographic check function
(ISO/IEC 9798-4:1999+Corr.1:2009+Corr.2:2012)

HRN ISO/IEC 10118-2:2013 en pr
Informacijska tehnologija – Sigurnosne tehnike – 'Hash' funkcije – 2. dio: 'Hash' funkcije koje koriste n-bitnu blok šifru
(ISO/IEC 10118-2:2010+Corr.1:2011)
Information technology – Security techniques – Hash-functions – Part 2: Hash-functions using an n-bit block cipher
(ISO/IEC 10118-2:2010+Corr.1:2011)

HRN ISO/IEC 11770-1:2013 en pr
Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 1. dio: Okvir
(ISO/IEC 11770-1:2010)
Information technology – Security techniques – Key management – Part 1: Framework
(ISO/IEC 11770-1:2010)

- HRN ISO/IEC 11770-2:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 2. dio: Mehanizmi korištenja simetričnih tehnika (ISO/IEC 11770-2:2008+Corr.1:2009)
 Information technology – Security techniques – Key management – Part 2: Mechanisms using symmetric techniques (ISO/IEC 11770-2:2008+Corr.1:2009)
- HRN ISO/IEC 11770-3:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 3. dio: Mehanizmi korištenja asimetričnih tehnika (ISO/IEC 11770-3:2008+Corr.1:2009)
 Information technology – Security techniques – Key management – Part 3: Mechanisms using asymmetric techniques (ISO/IEC 11770-3:2008+Corr.1:2009)
- HRN ISO/IEC 11770-4:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 4. dio: Mehanizmi koji se temelje na slabim tajnama (ISO/IEC 11770-4:2006+Corr.1:2009)
 Information technology – Security techniques – Key management – Part 4: Mechanisms based on weak secrets (ISO/IEC 11770-4:2006+Corr.1:2009)
- HRN ISO/IEC 11770-5:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Upravljanje ključem – 5. dio: Skupno upravljanje ključem (ISO/IEC 11770-5:2011)
 Information technology – Security techniques – Key management – Part 5: Group key management (ISO/IEC 11770-5:2011)
- HRI ISO/IEC/TR 14516:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Smjernice za korištenje i upravljanje uslugama povjerljive treće strane (ISO/IEC/TR 14516:2002)
 Information technology – Security techniques – Guidelines for the use and management of Trusted Third Party services (ISO/IEC/TR 14516:2002)
- HRN ISO/IEC 14888-1:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 1. dio: Općenito (ISO/IEC 14888-1:2008)
 Information technology – Security techniques – Digital signatures with appendix – Part 1: General (ISO/IEC 14888-1:2008)
- HRN ISO/IEC 14888-2:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 2. dio: Mehanizmi koji se temelje na cjelobrojnoj faktorizaciji (ISO/IEC 14888-2:2008)
 Information technology – Security techniques – Digital signatures with appendix – Part 2: Integer factorization based mechanisms (ISO/IEC 14888-2:2008)
- HRN ISO/IEC 14888-3:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu (ISO/IEC 14888-3:2006+Corr.1:2007+Corr.2:2009)
 Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms (ISO/IEC 14888-3:2006+Corr.1:2007+Corr.2:2009)
- HRN ISO/IEC 14888-3:2013/A1:2013 en pr
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- Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms – Russian standard for digital signature using elliptic curves, Schnorr Digital Signature Algorithm, Elliptic Curve Schnorr Digital Signature Algorithm, and Elliptic Curve Full Schnorr Digital Signature Algorithm (ISO/IEC 14888-3:2006/am1:2010)
- HRN ISO/IEC 14888-3:2013/A2:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Digitalni potpis s dopunom – 3. dio: Mehanizmi koji se temelje na diskretnom logaritmu – Optimiziranje ulaznih sažetaka (ISO/IEC 14888-3:2006/am2:2012)
 Information technology – Security techniques – Digital signatures with appendix – Part 3: Discrete logarithm based mechanisms – Optimizing hash inputs (ISO/IEC 14888-3:2006/am2:2012)
- HRN ISO/IEC 15408-1:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 1. dio: Uvod i opći model (ISO/IEC 15408-1:2009)
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- HRN ISO/IEC 15408-2:2013 en pr
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 Information technology – Security techniques – Evaluation criteria for IT security – Part 2: Security functional requirements (ISO/IEC 15408-2:2008)
- HRN ISO/IEC 15408-3:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 3. dio: Jamstveni zahtjevi za sigurnost (ISO/IEC 15408-3:2008)
 Information technology – Security techniques – Evaluation criteria for IT security – Part 3: Security assurance requirements (ISO/IEC 15408-3:2008)
- HRI ISO/IEC/TR 15443-1:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Jamstveni okvir sigurnosti – 1. dio: Uvod i koncepcija (ISO/IEC/TR 15443-1:2012)
 Information technology – Security techniques – Security assurance framework – Part 1: Introduction and concepts (ISO/IEC/TR 15443-1:2012)
- HRN ISO/IEC 15945:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Specifikacija TTP usluga za podršku primjene digitalnih potpisa (ISO/IEC 15945:2002)
 Information technology – Security techniques – Specification of TTP services to support the application of digital signatures (ISO/IEC 15945:2002)
- HRN ISO/IEC 15946-1:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 1. dio: Općenito (ISO/IEC 15946-1:2008+Corr.1:2009)
 Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 1: General (ISO/IEC 15946-1:2008+Corr.1:2009)
- HRN ISO/IEC 15946-5:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Kriptografske tehnike koje se zasnivaju na eliptičnim krivuljama – 5. dio: Generiranje eliptičkih krivulja (ISO/IEC 15946-5:2009+Corr.1:2012)
 Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 5: Elliptic curve generation (ISO/IEC 15946-5:2009+Corr.1:2012)

- HRN ISO/IEC 18033-1:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Algoritmi šifriranja – 1. dio: Općenito
 (ISO/IEC 18033-1:2005+am1:2011)
 Information technology – Security techniques –
 Encryption algorithms – Part 1: General
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- HRN ISO/IEC 18033-2:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Algoritmi šifriranja – 2. dio: Asimetrična enkripcija
 (ISO/IEC 18033-2:2006)
 Information technology – Security techniques –
 Encryption algorithms – Part 2: Asymmetric ciphers
 (ISO/IEC 18033-2:2006)
- HRN ISO/IEC 18033-3:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Algoritmi šifriranja – 3. dio: Enkripcija bloka podataka
 (ISO/IEC 18033-3:2010)
 Information technology – Security techniques –
 Encryption algorithms – Part 3: Block ciphers
 (ISO/IEC 18033-3:2010)
- HRN ISO/IEC 18033-4:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Algoritmi šifriranja – 4. dio: Enkripcija toka podataka
 (ISO/IEC 18033-4:2011)
 Information technology – Security techniques –
 Encryption algorithms – Part 4: Stream ciphers
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- HRN ISO/IEC 19790:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Sigurnosni zahtjevi za kriptografske module
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 Information technology – Security techniques –
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 (ISO/IEC 19790:2012)
- HRI ISO/IEC/TR 20004:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Poboljšanje analiza ranjivosti softvera po normama
 ISO/IEC 15408 I ISO/IEC 18045
 (ISO/IEC/TR 20004:2012)
 Information technology – Security techniques –
 Refining software vulnerability analysis under
 ISO/IEC 15408 and ISO/IEC 18045
 (ISO/IEC/TR 20004:2012)
- HRN ISO/IEC 24759:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Ispitni
 zahtjevi za kriptografske module
 (ISO/IEC 24759:2008)
 Information technology – Security techniques – Test
 requirements for cryptographic modules
 (ISO/IEC 24759:2008)
- HRN ISO/IEC 24760-1:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Okvir
 za upravljanje identitetom – 1. dio: Terminologija
 (nazivlje) i koncepcija (ISO/IEC 24760-1:2011)
 Information technology – Security techniques –
 A framework for identity management – Part 1:
 Terminology and concepts (ISO/IEC 24760-1:2011)
- HRN ISO/IEC 27000:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike
 – Sustavi upravljanja informacijskom sigurnošću –
 Pregled i rječnik (ISO/IEC 27000:2012)
 Information technology – Security techniques –
 Information security management systems – Overview
 and vocabulary (ISO/IEC 27000:2012)
- HRN ISO/IEC 27006:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Zahtjevi za tijela koja provode audit i certifikaciju
 sustava upravljanja informacijskom sigurnošću
 (ISO/IEC 27006:2011)
 Information technology – Security techniques –
 Requirements for bodies providing audit and
 certification of information security management
 systems (ISO/IEC 27006:2011)
- HRN ISO/IEC 27007:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Smjernice za audit sustava upravljanja informacijskom
 sigurnošću (ISO/IEC 27007:2011)
 Information technology – Security techniques –
 Guidelines for information security management
 systems auditing (ISO/IEC 27007:2011)
- HRI ISO/IEC/TR 27015:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Smjernice za upravljanje informacijskom sigurnošću
 za financijske usluge (ISO/IEC/TR 27015:2012)
 Information technology – Security techniques –
 Information security management guidelines for
 financial services (ISO/IEC/TR 27015:2012)
- HRN ISO/IEC 27033-1:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Mrežna sigurnost – 1. dio: Pregled i koncepcija
 (ISO/IEC 27033-1:2009)
 Information technology – Security techniques –
 Network security – Part 1: Overview and concepts
 (ISO/IEC 27033-1:2009)
- HRN ISO/IEC 27033-2:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Mrežna sigurnost – 2. dio: Smjernice za projektiranje
 i implementaciju mrežne sigurnosti
 (ISO/IEC 27033-2:2012)
 Information technology – Security techniques –
 Network security – Part 2: Guidelines for the design
 and implementation of network security
 (ISO/IEC 27033-2:2012)
- HRI ISO/IEC/TR 29149:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Dobra
 praksa za pružanje i korištenje usluga izdavanja
 vremenskog žiga (ISO/IEC/TR 29149:2012)
 Information technology – Security techniques – Best
 practices for the provision and use of time-stamping
 services (ISO/IEC/TR 29149:2012)
- HRN ISO/IEC 29150:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike –
 Digitalno potpisivanje i enkriptiranje podataka
 (ISO/IEC 29150:2011)
 Information technology – Security techniques –
 Signcryption (ISO/IEC 29150:2011)
- HRN ISO/IEC 29192-1:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Laka
 kriptografija – 1. dio: Općenito (ISO/IEC 29192-1:2012)
 Information technology – Security techniques –
 Lightweight cryptography – Part 1: General ()
 (ISO/IEC 29192-1:2012)
- HRN ISO/IEC 29192-2:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Laka
 kriptografija – 2. dio: Enkripcija bloka podataka
 (ISO/IEC 29192-2:2012)
 Information technology – Security techniques –
 Lightweight cryptography – Part 2: Block ciphers
 (ISO/IEC 29192-2:2012)
- HRN ISO/IEC 29192-3:2013 en pr
 Informacijska tehnologija – Sigurnosne tehnike – Laka
 kriptografija – 3. dio: Enkripcija toka podataka
 (ISO/IEC 29192-3:2012)
 Information technology – Security techniques –
 Lightweight cryptography – Part 3: Stream ciphers
 (ISO/IEC 29192-3:2012)
- HRN EN 419251-1:2013 en pr
 Sigurnosni zahtjevi uređaja za autentifikaciju – 1. dio:
 Obrazac zaštite za osnovne funkcionalnosti
 (EN 419251-1:2013)
 Security requirements for device for authentication –
 Part 1: Protection profile for core functionality
 (EN 419251-1:2013)

- HRN EN 419251-2:2013 en pr
Sigurnosni zahtjevi uređaja za autentifikaciju – 2. dio: Obrazac zaštite za nadogradnje pouzdanim kanalom prema aplikaciji za generiranje certifikata (EN 419251-2:2013)
Security requirements for device for authentication – Part 2: Protection profile for extension for trusted channel to certificate generation application (EN 419251-2:2013)
- HRN EN 419251-3:2013 en pr
Sigurnosni zahtjevi uređaja za autentifikaciju – 3. dio: Dodatne funkcionalnosti za sigurnosne ciljeve (EN 419251-3:2013)
Security requirements for device for authentication – Part 3: Additional functionality for security targets (EN 419251-3:2013)

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

- HRN EN 13869:2013 en pr
Lighters – Child-resistance for lighters – Safety requirements and test methods (EN 13869:2002+A1:2011)
- HRN EN 16082:2013 en pr
Airport and aviation security services (EN 16082:2011)
- HRN EN 16114:2013 en pr
Management consultancy services (EN 16114:2011)
- HRN EN 16281:2013 en pr
Child protective products – Consumer fitted child resistant locking devices for windows and balcony doors – Safety requirements and test methods (EN 16281:2013)
- HRN EN 16310:2013 en pr
Engineering services – Terminology to describe engineering services for buildings, infrastructure and industrial facilities (EN 16310:2013)
- HRN EN 16311:2013 en pr
Engineering services – Terminology to describe engineering services for industrial products (EN 16311:2013)

HZN/TU I1, Strojstvo 1

- HRN EN 12601:2013 en pr
Reciprocating internal combustion engine driven generating sets – Safety (EN 12601:2010)

HZN/TU I2, Strojstvo 2

- HRN EN 710:2011/lspr.1:2013 en pr
Safety requirements for foundry moulding and coremaking machinery and plant associated equipment (EN 710:1997+A1:2010/AC:2012)
- HRN EN 12001:2013 en pr
Conveying, spraying and placing machines for concrete and mortar - Safety requirements (EN 12001:2012)
- HRN EN ISO 19432:2013 en pr
Building construction machinery and equipment – Portable, hand-held, internal combustion engine driven cut-off machines – Safety requirements (ISO 19432:2012; EN ISO 19432:2012)

HZN/TU M1, Metalni materijali 1

- HRN EN ISO 2739:2013 en pr
Sinterirane metalne košuljice – Određivanje radijalne prijelomne čvrstoće (ISO 2739:2012; EN ISO 2739:2012)
Sintered metal bushings – Determination of radial crushing strength (ISO 2739:2012; EN ISO 2739:2012)

- HRN EN ISO 3953:2013 en pr
Metalni prah – Određivanje tresne gustoće (ISO 3953:2011; EN ISO 3953:2011)
Metallic powders – Determination of tap density (ISO 3953:2011; EN ISO 3953:2011)
- HRN EN ISO 23907:2013 en pr
Zaštita ozljeđivanja od oštrica – Zahtjevi i metode ispitivanja – Spremnici za oštrice (ISO 23907:2012; EN ISO 23907:2012)
Sharps injury protection – Requirements and test methods – Sharps containers (ISO 23907:2012; EN ISO 23907:2012)

HZN/TU N1, Nemetalni materijali 1

- HRN EN ISO 1927-2:2013 en pr
Monolithic (unshaped) refractory products – Part 2: Sampling for testing (ISO 1927-2:2012; EN ISO 1927-2:2012)
- HRN EN ISO 1927-3:2013 en pr
Monolithic (unshaped) refractory products – Part 3: Characterization as received (ISO 1927-3:2012; EN ISO 1927-3:2012)
- HRN EN ISO 1927-4:2013 en pr
Monolithic (unshaped) refractory products – Part 4: Determination of consistency of castables (ISO 1927-4:2012; EN ISO 1927-4:2012)
- HRN EN ISO 1927-5:2013 en pr
Monolithic (unshaped) refractory products – Part 5: Preparation and treatment of test pieces (ISO 1927-5:2012; EN ISO 1927-5:2012)
- HRN EN ISO 1927-6:2013 en pr
Monolithic (unshaped) refractory products – Part 6: Measurement of physical properties (ISO 1927-6:2012; EN ISO 1927-6:2012)
- HRN EN ISO 1927-7:2013 en pr
Monolithic (unshaped) refractory products – Part 7: Tests on pre-formed shapes (ISO 1927-7:2012; EN ISO 1927-7:2012)
- HRN EN ISO 1927-8:2013 en pr
Monolithic (unshaped) refractory products – Part 8: Determination of complementary properties (ISO 1927-8:2012; EN ISO 1927-8:2012)
- HRN EN ISO 14720-1:2013 en pr
Testing of ceramic raw and basic materials – Determination of sulfur in powders and granules of non-oxidic ceramic raw and basic materials – Part 1: Infrared measurement methods (ISO 14720-1:2013; EN ISO 14720-1:2013)
- HRN EN ISO 14720-2:2013 en pr
Testing of ceramic raw and basic materials – Determination of sulfur in powders and granules of non-oxidic ceramic raw and basic materials – Part 2: Inductively coupled plasma optical emission spectrometry (ICP/OES) or ion chromatography after burning in an oxygen flow (ISO 14720-2:2013; EN ISO 14720-2:2013)
- HRN EN 16214-1:2013 en pr
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 1: Terminology (EN 16214-1:2012)
- HRN EN 16214-3:2013 en pr
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 3: Biodiversity and environmental aspects related to nature protection purposes (EN 16214-3:2012)

HRN EN 16214-4:2013 en pr
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach (EN 16214-4:2013)

HZN/TU S2, Zdravlje, okoliš i medicinska oprema 2

HRN EN 15933:2013 en pr
Sludge, treated biowaste and soil – Determination of pH (EN 15933:2012)

HRN EN 15934:2013 en pr
Sludge, treated biowaste, soil and waste – Calculation of dry matter fraction after determination of dry residue or water content (EN 15934:2012)

HRN EN 15935:2013 en pr
Sludge, treated biowaste, soil and waste – Determination of loss on ignition (EN 15935:2012)

HRN EN 15936:2013 en pr
Sludge, treated biowaste, soil and waste – Determination of total organic carbon (TOC) by dry combustion (EN 15936:2012)

HRN EN 16166:2013 en pr
Sludge, treated biowaste and soil – Determination of adsorbable organically bound halogens (AOX) (EN 16166:2012)

HRN EN 16167:2013 en pr
Sludge, treated biowaste and soil – Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD) (EN 16167:2012)

HRN EN 16168:2013 en pr
Sludge, treated biowaste and soil – Determination of total nitrogen using dry combustion method (EN 16168:2012)

HRN EN 16169:2013 en pr
Sludge, treated biowaste and soil – Determination of Kjeldahl nitrogen (EN 16169:2012)

HRN EN 16173:2013 en pr
Sludge, treated biowaste and soil – Digestion of nitric acid soluble fractions of elements (EN 16173:2012)

HRN EN 16174:2013 en pr
Sludge, treated biowaste and soil – Digestion of aqua regia soluble fractions of elements (EN 16174:2012)

HRN EN 16179:2013 en pr
Sludge, treated biowaste and soil – Guidance for sample pretreatment (EN 16179:2012)

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

HRN EN 2267-002:2013 en pr
Zrakoplovni niz – Kabeli, električni, opća namjena, s aluminijskim vodičem ili aluminijskim vodičem presvučenim bakrom – Radne temperature između – 55 °C i 260 °C – 002. dio: Općenito (EN 2267-002:2012)

Aerospace series – Cables, electrical, for general purpose – Operating temperatures between – 55 °C and 260 °C – Part 002: General (EN 2267-002:2012)

HRN EN 2267-009:2013 en pr
Zrakoplovni niz – Kabeli, električni, opće namjene – Radne temperature između – 55 °C i 260 °C – 009. dio: porodica DRA, jednojezgrene i višejezgrene sastavljeni – Norma za proizvod (EN 2267-009:2013)
Aerospace series – Cables, electrical, for general purpose – Operating temperatures between – 55 °C and 260 °C – Part 009: DRA family, single and multicore assembly – Product standard (EN 2267-009:2013)

HRN EN 2591-214:2013 en pr
Zrakoplovni nizovi – Elementi električne i optičke veze – Metode ispitivanja – 214. dio: Udar munje, strujni i naponski impulsi (EN 2591-214:2012)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 214: Lightning strike, current and voltage pulse (EN 2591-214:2012)

HRN EN 2714-002:2013 en pr
Zrakoplovni niz – Kabeli, električni, jednojezgrene i višejezgrene za opću upotrebu – Radne temperature između – 55 °C i 260 °C – 002. dio: Oklopljeni i omotani – Općenito (EN 2714-002:2012)
Aerospace series – Cables, electrical, single and multicore for general purpose – Operating temperatures between – 55 °C and 260 °C – Part 002: Screened and jacketed – General (EN 2714-002:2012)

HRN EN 3351:2013 en pr
Zrakoplovni niz – Legure titana Ti-4Al-4Mo-2Sn – Obrada otopinom i starenje – Kovanje – De = 150 mm (EN 3351:2012)
Aerospace series – Titanium alloy Ti-4Al-4Mo-2Sn – Solution treated and aged – Forgings – De = 150 mm (EN 3351:2012)

HRN EN 3528:2013 en pr
Zrakoplovni niz – Čelik X2NiCoMo18-8-5 (1.6359) – Otapanje vakuumskom indukcijom i skrutnjivanjem vakuumskim lukom – Obrada otopinom i taloženjem – Šipke – a ili D = 150 mm – 1750 MPa = Rm = 2000 MPa (EN 3528:2013)
Aerospace series – Steel X2NiCoMo18-8-5 (1.6359) – Vacuum induction melted and vacuum arc remelted – Solution treated and precipitation treated – Bar – a or D = 150 mm – 1750 MPa = Rm = 2000 MPa (EN 3528:2013)

HRN EN 3660-025:2013 en pr
Zrakoplovni niz – Oprema utičnice kabela za kružne i kvadratične električne i optičke spojnice – 025. dio: Utična kutija kabela, model A, ravna, otpečaćena, s kabelskom pločicom pomoćnoga naprežanja za EN 3646 – Norma za proizvod (EN 3660-025:2013)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 025: Cable outlet, style A, straight, unsealed, with cable tie strain relief for EN 3646 – Product standard (EN 3660-025:2013)

HRN EN 3660-027:2013 en pr
Zrakoplovni niz – Oprema utičnice kabela za kružne i kvadratične električne i optičke spojnice – 027. dio: Utična kutija kabela, model A, 45°, otpečaćena, s kabelskom pločicom pomoćnoga naprežanja prema EN 3646 – Norma za proizvod (EN 3660-027:2013)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 027: Cable outlet, style A, 45°, unsealed, with cable tie strain relief for EN 3646 – Product standard (EN 3660-027:2013)

HRN EN 3660-038:2013 en pr
Zrakoplovni niz – Oprema utičnice kabela za kružne i kvadratične električne i optičke spojnice – 038. dio: Alat za ručnu instalaciju, model Z, za instalaciju štita od nehrđajućega čelika završnoga koluta EN 3660-033, za opremu utičnice kabela – Norma za proizvod (EN 3660-038:2013)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 038: Manual installation tool, style Z, for installation of stainless steel shield termination band EN 3660-033, to cable outlet accessories – Product standard (EN 3660-038:2013)

- HRN EN 3682-003:2013 en pr
Zrakoplovni nizovi – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 003. dio: Umeci – Norma za proizvod (EN 3682-003:2012) Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 003: Inserts – Product standard (EN 3682-003:2012)
- HRN EN 3682-004:2013 en pr
Zrakoplovni nizovi – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 004. dio: Utična kutija veličine 2 – Norma za proizvod (EN 3682-004:2012) Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 004: Size 2 receptacle – Product standard (EN 3682-004:2012)
- HRN EN 3682-005:2013 en pr
Zrakoplovni nizovi – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 005. dio: Utikač veličine 2 – Norma za proizvod (EN 3682-005:2013) Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 005: Size 2 plug – Product standard (EN 3682-005:2013)
- HRN EN 3682-006:2013 en pr
Zrakoplovni nizovi – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 006. dio: Utična kutija veličine 3 – Norma za proizvod (EN 3682-006:2013) Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 006: Size 3 receptacle – Product standard (EN 3682-006:2013)
- HRN EN 3682-007:2013 en pr
Zrakoplovni nizovi – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 007. dio: Utikač veličine 3 – Norma za proizvod (EN 3682-007:2013) Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 007: Size 3 plug – Product standard (EN 3682-007:2013)
- HRN EN 3682-008:2013 en pr
Zrakoplovni nizovi – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 008. dio: Utična kutija veličine 4 – Norma za proizvod (EN 3682-008:2013) Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 008: Size 4 receptacle – Product standard (EN 3682-008:2013)
- HRN EN 3682-009:2013 en pr
Zrakoplovni nizovi – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 009. dio: Utikač veličine 4 – Norma za proizvod (EN 3682-009:2013) Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 009: Size 4 plug – Product standard (EN 3682-009:2013)
- HRN EN 4050-1:2013 en pr
Zrakoplovni niz – Metode ispitivanja metalnih materijala – Ultrazvučno ispitivanje šipka, ploča, materijala namijenjena kovanju i otkivaka – 1. dio: Opći zahtjevi (EN 4050-1:2012) Aerospace series – Test method for metallic materials – Ultrasonic inspection of bars, plates, forging stock and forgings – Part 1: General requirements (EN 4050-1:2012)
- HRN EN 4050-2:2013 en pr
Zrakoplovni niz – Metode ispitivanja metalnih materijala – Ultrazvučno ispitivanje šipka, ploča, materijala namijenjena kovanju i otkivaka – 2. dio: Izvođenje ispitivanja (EN 4050-2:2012) Aerospace series – Test method for metallic materials – Ultrasonic inspection of bars, plates, forging stock and forgings – Part 2: Performance of test (EN 4050-2:2012)
- HRN EN 4050-3:2013 en pr
Zrakoplovni niz – Metoda ispitivanja metalnih materijala – Ultrazvučno ispitivanje šipka, ploča, materijala namijenjena kovanju i otkivaka – 3. dio: Referentni blokovi (EN 4050-3:2012) Aerospace series – Test method for metallic materials – Ultrasonic inspection of bars, plates, forging stock and forgings – Part 3: Reference blocks (EN 4050-3:2012)
- HRN EN 4050-4:2013 en pr
Zrakoplovni niz – Metoda ispitivanja metalnih materijala – Ultrazvučno ispitivanje šipka, ploča, materijala namijenjena kovanju i otkivaka – 4. dio: Kriteriji za prihvaćanje (EN 4050-4:2012) Aerospace series – Test method for metallic materials – Ultrasonic inspection of bars, plates, forging stock and forgings – Part 4: Acceptance criteria (EN 4050-4:2012)
- HRN EN 4265:2013 en pr
Zrakoplovni niz – Ravnina kuglastoga ležaja, metal na metal kod čelika otpornih na koroziju – Široka serija – Dimenzije i opterećenja – Inčne serije (EN 4265:2013) Aerospace series – Bearing spherical plain, metal to metal in corrosion resisting steel – Wide series – Dimensions and loads – Inch series (EN 4265:2013)
- HRN EN 4268:2013 en pr
Zrakoplovni niz – Metalni materijali – Oprema i sredstva za toplinsku obradu – Opći zahtjevi (EN 4268:2012) Aerospace series – Metallic materials – Heat treatment facilities – General requirements (EN 4268:2012)
- HRN EN 4500-001:2013 en pr
Zrakoplovni niz – Metalni materijali – Pravila za crtanje i prikazivanje norma za materijale – 001. dio: Opći zahtjevi (EN 4500-001:2012) Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 001: General rules (EN 4500-001:2012)
- HRN EN 4500-003:2013 en pr
Zrakoplovni niz – Metalni materijali – Pravila za crtanje i prikazivanje norma za materijale – 003. dio: Posebna pravila za legure otporne na toplinu (EN 4500-003:2012) Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 003: Specific rules for heat resisting alloys (EN 4500-003:2012)

- HRN EN 4500-004:2013 en pr
Zrakoplovni niz – Metalni materijali – Pravila za crtanje i prikazivanje norma za materijale – 004. dio: Posebna pravila za titan i legure titana (EN 4500-004:2012)
Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 004: Specific rules for titanium and titanium alloys (EN 4500-004:2012)
- HRN EN 4500-005:2013 en pr
Zrakoplovni niz – Metalni materijali – Pravila za crtanje i prikazivanje norma za materijale – 005. dio: Posebna pravila za čelike (EN 4500-005:2012)
Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 005: Specific rules for steels (EN 4500-005:2012)
- HRN EN 4594:2013 en pr
Zrakoplovni niz – Boje i lakovi – Dvokomponentni hladnostvrdnjavajući poliuretanski završetak – Otpor eroziji pri nadzvučnim brzinama (EN 4594:2013)
Aerospace series – Paints and varnishes – Two component cold curing polyurethane finish – Supersonic erosion resistance (EN 4594:2013)
- HRN EN 4595:2013 en pr
Zrakoplovni niz – Boje i lakovi – Dvokomponentni hladnostvrdnjavajući poliuretanski završetak – Otpor eroziji pri brzinama manjim od brzine zvuka (EN 4595:2013)
Aerospace series – Paints and varnishes – Two component cold curing polyurethane finish – Subsonic erosion resistance (EN 4595:2013)
- HRN EN 4632-004:2013 en pr
Zrakoplovni niz – Zavarljivost i lemljivost materijala za izradu zrakoplova – 004. dio: Zavarivanje i lemljenje homogenih spojeva od visokolegiranih čelika (EN 4632-004:2012)
Aerospace series – Weldability and brazeability of materials in aerospace constructions – Part 004: Welding and brazing of homogeneous assemblies of high alloyed steels (EN 4632-004:2012)
- HRN EN 4681-001:2013 en pr
Zrakoplovni niz – Kabeli, električni, opća namjene, s aluminijskim vodičem ili aluminijskim vodičem presvučenim bakrom – 001. dio: Tehničke značajke (EN 4681-001:2012)
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 001: Technical specification (EN 4681-001:2012)
- HRN EN 4681-002:2013 en pr
Zrakoplovni niz – Kabeli, električni, opća namjena, s aluminijskim vodičem ili aluminijskim vodičem presvučenim bakrom – 002. dio: Općenito (EN 4681-002:2012)
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 002: General (EN 4681-002:2012)
- HRN EN 6049-008:2013 en pr
Zrakoplovni nizovi – Električni kabeli, instalacije – Košuljice zaštićene meta-aramid vlaknima – 008. dio: Samomotavajući oklop (EMI) zaštitne košuljice s nikal-bakrenim opletom, promjenjiva radna temperatura nakon instalacije od – 55 °C do 200 °C – Norma za proizvod (EN 6049-008:2013)
Aerospace series – Electrical cables, installation – Protective sleeves in meta-aramid fibres – Part 008: Self-wrapping shielded (EMI) protective sleeve with nickel copper braid, flexible post installation operating temperature from – 55 °C to 200 °C – Product standard (EN 6049-008:2013)
- HRN EN 9115:2013 en pr
Sustav upravljanja kvalitetom – Zahtjevi za zrakoplovstvo, organizacije za svemir i obranu – Isporučiva programska podrška (dodatak na EN 9100) (EN 9115:2013)
- Quality Management Systems – Requirements for Aviation, Space and Defense Organizations – Deliverable Software (Supplement to EN 9100) (EN 9115:2013)
- HRN EN 9300-003:2013 en pr
Zrakoplovni niz – LOTAR – Dugotrajno arhiviranje i pronalaženje digitalnotehničke dokumentacije za proizvod kao što su podaci 3D, CAD i PDM – 003. dio: Osnove i pojmovi (EN 9300-003:2012)
Aerospace series – LOTAR – Long term archiving and retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 003: Fundamentals and concepts (EN 9300-003:2012)
- HRN EN 15918:2013 en pr
Cycles – Cycle trailers – Safety requirements and test methods (EN 15918:2013+A1:2013)

HZNTU U1, *Opća elektrotehnika 1*

- HRN EN 50581:2013 en pr
Tehnička dokumentacija za ocjenjivanje električnih i elektroničkih proizvoda s obzirom na ograničenja opasnih tvari (EN 50581:2012)
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (EN 50581:2012)
- HRN EN 60404-11:2013 en pr
Magnetski materijali – 11. dio: Ispitna metoda za određivanje površinskog otpora izolacije magnetskih limova i traka (IEC 60404-11:1991+am1:1998+am2:2012; EN 60404-11:2013)
Magnetic materials – Part 11: Method of test for the determination of surface insulation resistance of magnetic sheet and strip (IEC 60404-11:1991+am1:1998+am2:2012; EN 60404-11:2013)

HZNTU V1, *Elektronika 1*

- HRI CLC/TR 50510:2013 en pr
Fibre optic access to end-user – A guideline to building of FTTH fibre optic network (CLC/TR 50510:2012)

HZNTU W1, *Energetska elektrotehnika 1*

- HRN EN 60745-2-4:2011/A11:2013 en pr
Ručni elektromotorni alati – Sigurnost – Dio 2-4: Posebni zahtjevi za pjeskarilice i laštilice (EN 60745-2-4:2009/A11:2011)
Hand-held motor-operated electric tools – Safety – Part 2-4: Particular requirements for sanders and polishers other than disk type (EN 60745-2-4:2009/A11:2011)
- HRN EN 61029-1:2012/Ispr.1:2013 en pr
Sigurnost prijevornih elektromotornih alata – 1. dio: Opći zahtjevi (EN 61029-1:2009/AC:2009)
Safety of transportable motor-operated electric tools – Part 1: General requirements (EN 61029-1:2009/AC:2009)
- HRN EN 61029-2-1:2013 en pr
Sigurnost prijevornih elektromotornih alata – Dio 2-1: Posebni zahtjevi za stolne kružne pile (IEC 61029-2-1:1993, MOD+am1:1999+am2:2001; EN 61029-2-1:2012)
Safety of transportable motor-operated electric tools – Part 2-1: Particular requirements for circular saw benches (IEC 61029-2-1:1993, MOD+am1:1999+am2:2001; EN 61029-2-1:2012)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 163/03) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacrt hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacrt hrvatske norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo). Nacrti su hrvatskih norma zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 548, *Konstruktivski eurokodovi*

- nHRN EN 1995-1-1 hr pp
Eurokod 5: Projektiranje drvenih konstrukcija – Dio 1-1: Općenito – Opća pravila i pravila za zgrade (EN 1995-1-1:2004+AC:2006+A1:2008)
Eurocode 5: Design of timber structures – Part 1-1: General – Common rules and rules for buildings (EN 1995-1-1:2004+AC:2006+A1:2008)
- nHRN EN 1995-1-1:2013/NA hr izv
Eurokod 5: Projektiranje drvenih konstrukcija – Dio 1-1: Općenito – Opća pravila i pravila za zgrade – Nacionalni dodatak
Eurocode 5: Design of timber structures – Part 1-1: General – Common rules and rules for buildings – National Annex
- nHRN EN 1995-1-2 hr pp
Eurokod 5: Projektiranje drvenih konstrukcija – Dio 1-2: Općenito – Proračun konstrukcija na djelovanje požara (EN 1995-1-2:2004+AC:2009)
Eurocode 5: Design of timber structures – Part 1-2: General – Structural fire design (EN 1995-1-2:2004+AC:2009)
- nHRN EN 1995-1-2:2013/NA hr izv
Eurokod 5: Projektiranje drvenih konstrukcija – Dio 1-2: Općenito – Proračun konstrukcija na djelovanje požara – Nacionalni dodatak
Eurocode 5: Design of timber structures – Part 1-2: General – Structural fire design – National Annex
- nHRN EN 1995-2 hr pp
Eurokod 5: Projektiranje drvenih konstrukcija – 2. dio: Mostovi (EN 1995-2:2004)
Eurocode 5: Design of timber structures – Part 2: Bridges (EN 1995-2:2004)
- nHRN EN 1995-2:2013/NA hr izv
Eurokod 5: Projektiranje drvenih konstrukcija – 2. dio: Mostovi – Nacionalni dodatak
Eurocode 5: Design of timber structures – Part 2: Bridges – National Annex

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 Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 8, *Brodogradnja*

- EN ISO 12215-5:2008/prA1 en
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination – Amendment 1 (ISO 12215-5:2008/DAM 1:2012)

Mala plovila – Konstrukcija trupa i dimenzije konstrukcijskih elemenata – 5. dio: Projektni tlakovi za jednotrupna plovila, projektna naprezanja, određivanje dimenzija konstrukcijskih elemenata – Amandman 1 (ISO 12215-5:2008/DAM 1:2012)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

- prEN 694 en
Fire-fighting hoses – Semi-rigid hoses for fixed systems
Vatrogasne cijevi – Polukrute cijevi za stabilne sustave
- prEN 1866-2 en
Mobile fire extinguishers – Part 2: Requirements for the construction, pressure resistance and mechanical tests for extinguishers, with a maximum allowable pressure equal to or lower than 30 bar, which comply with the requirements of EN 1866-1
- FprEN 1866-3 en
Mobile fire extinguishers – Part 3: Requirements for the assembly, construction and pressure resistance of CO2 extinguishers which comply with the requirements of EN 1866-1
- prEN 1947 en
Fire-fighting hoses – Semi-rigid delivery hoses and hose assemblies for pumps and vehicles
Vatrogasne cijevi – Polukrute tlačne cijevi i cijevni sklopovi za pumpe i vozila
- prEN 14540 en
Fire-fighting hoses – Non-percolating layflat hoses for fixed systems
Vatrogasne cijevi – Nepropusne plosnate cijevi za fiksne sustave

HZN/TO 22, *Cestovna vozila*

- prEN ISO 18541-2 en
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 2: Technical requirements (ISO/DIS 18541-2:2012)
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 2. dio: Tehnički zahtjevi (ISO/DIS 18541-2:2012)
- prEN ISO 18541-3 en
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 3: Functional user interface requirements (ISO/DIS 18541-3:2012)
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 3. dio: Zahtjevi za korisničko sučelje (ISO/DIS 18541-3:2012)
- prEN ISO 18542-2 en
Road vehicles – Standardized repair and maintenance information (RMI) terminology – Part 2: Standardized process implementation requirements, registration authority (ISO/DIS 18542-2:2012)
Cestovna vozila – Normirano nazivlje u informacijama za popravak i održavanje vozila (RMI) – 2. dio: Zahtjevi za provedbu normiranog procesa, tijelo za registraciju (ISO/DIS 18542-2:2012)

HZN/TO 23, *Traktori i strojevi za poljoprivredu i šumarstvo*

- EN ISO 11680-1:2011 en
Machinery for forestry – Safety requirements and testing for pole-mounted powered pruners – Part 1: Machines fitted with an integral combustion engine (ISO 11680-1:2011)
- EN ISO 11680-2:2011 en
Machinery for forestry – Safety requirements and testing for pole-mounted powered pruners – Part 2: Machines for use with back-pack power source (ISO 11680-2:2011)

- EN ISO 11681-1:2011 en
Machinery for forestry – Portable chain-saw safety requirements and testing – Part 1: Chain-saws for forest service (ISO 11681-1:2011)
Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje motornih pila – 1. dio: Motorne pile za šumarsku praksu (ISO 11681-1:2011)
- EN ISO 11681-2:2011 en
Machinery for forestry – Portable chain-saw safety requirements and testing – Part 2: Chain-saws for tree service (ISO 11681-2:2011)
Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje motornih pila – 2. dio: Motorne pile za njegu stabala (ISO 11681-2:2011)
- EN ISO 11806-1:2011 en
Agricultural and forestry machinery – Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers – Part 1: Machines fitted with an integral combustion engine (ISO 11806-1:2011)
- EN ISO 11806-2:2011 en
Agricultural and forestry machinery – Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers – Part 2: Machines for use with back-pack power unit (ISO 11806-2:2011)
- EN ISO 11850:2011 en
Machinery for forestry – General safety requirements (ISO 11850:2011)
- EN 13683:2003+A2:2011 en
Garden equipment – Integrally powered shredders/chippers – Safety
Oprema za vrtove i parkove – Sitilnice za odrezane grane – Sigurnost
- EN ISO 22867:2011 en
Forestry and gardening machinery – Vibration test code for portable hand-held machines with internal combustion engine – Vibration at the handles (ISO 22867:2011)

HZN/TO 25, Ljevarstvo

- prEN 1559-2 en
Founding – Technical conditions of delivery – Part 2: Additional requirements for steel castings
Ljevarstvo – Tehnički uvjeti isporuke – 2. dio: Dodatni zahtjevi za čelične odljevke
- prEN 10222-1 rev en
Steel forgings for pressure purposes – Part 1: General requirements
Čelični otkivci za tlačne namjene – 1. dio: Opći zahtjevi
- prEN 10222-2 rev en
Steel forgings for pressure purposes – Part 2: Ferritic and martensitic steels with specified elevated temperatures properties
Čelični otkivci za tlačne namjene – 2. dio: Feritni i martenzitni čelici s utvrđenim svojstvima pri povišenim temperaturama
- prEN 10222-3 rev en
Steel forgings for pressure purposes – Part 3: Nickel steels with specified low temperature properties
Čelični otkivci za tlačne namjene – 3. dio: Čelici legirani niklom s utvrđenim svojstvima pri niskim temperaturama
- prEN 10222-4 rev en
Steel forgings for pressure purposes – Part 4: Weldable fine grain steels with high proof strength
Čelični otkivci za tlačne namjene – 4. dio: Zavarivi sitnozrnati čelici s visokom granicom razvlačenja
- prEN 10222-5 rev en
Steel forgings for pressure purposes – Part 5: Martensitic, austenitic and ferritic-austenitic stainless steels

- Čelični otkivci za tlačne namjene – 5. dio: Martenzitni, austenitni i feritno-austenitni nehrđajući čelici
- prEN 10228-1 en
Non-destructive testing of steel forgings – Part 1: Magnetic particle inspection
Nerazorno ispitivanje čeličnih otkivaka – 1. dio: Ispitivanje magnetskim česticama
- prEN 10228-2 en
Non-destructive testing of steel forgings – Part 2: Penetrant testing
Nerazorno ispitivanje čeličnih otkivaka – 2. dio: Ispitivanje penetrantima
- prEN 10228-3 en
Non-destructive testing of steel forgings – Part 3: Ultrasonic testing of ferritic or martensitic steel forgings
Nerazorno ispitivanje čeličnih otkivaka – 3. dio: Ultrazvučno ispitivanje feritnih ili martenzitnih čeličnih otkivaka
- prEN 10228-4 en
Non-destructive testing of steel forgings – Part 4: Ultrasonic testing of austenitic and austenitic-ferritic stainless steel forgings
Nerazorno ispitivanje čeličnih otkivaka – 4. dio: Ultrazvučno ispitivanje austenitno-feritnih nehrđajućih čeličnih otkivaka
- prEN 16482 en
Founding – Continuous cast iron bars
Ljevarstvo – Kontinuirano lijevane šipke iz željeznoga lijeva

HZN/TO 28, Naftni proizvodi i maziva

- prEN ISO 8311 en
Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels – Calibration of membrane tanks and independent prismatic tanks in ships – Manual and internal electro-optical distance-ranging methods (ISO/DIS 8311:2012)
- prEN ISO 10370 en
Petroleum products – Determination of carbon residue – Micro method (ISO/DIS 10370:2012)
Naftni proizvodi – Određivanje koksnog ostatka – Mikrometoda (ISO/DIS 10370:2012)

HZN/TO 34/PO 4, Poljoprivredni i prehrambeni proizvodi; Žito i proizvodi od žita

- FprEN ISO 5527 en
Cereals – Vocabulary (ISO/FDIS 5527:2013)
Žitarice – Terminološki rječnik (ISO/FDIS 5527:2013)
- prEN ISO 20483 rev en
Cereals and pulses – Determination of the nitrogen content and calculation of the crude protein content – Kjeldahl method (ISO/DIS 20483:2012)
Žitarice i mahunarke – Određivanje sadržaja dušika i proračun sadržaja sirovih proteina – Prema Kjeldahl metodi (ISO/DIS 20483:2012)

HZN/TO 35, Boje i lakovi

- prEN ISO 2813 rev en
Paints and varnishes – Determination of specular gloss of non-metallic paint films at 20 degrees, 60 degrees and 85 degrees (ISO/DIS 2813:2012)
Boje i lakovi – Određivanje sjaja nemetalnih prevlaka pri 20 stupnjeva, 60 stupnjeva i 85 stupnjeva (ISO/DIS 2813:2012)
- EN ISO 7783:2011 en
Paints and varnishes – Determination of water-vapour transmission properties – Cup method (ISO 7783:2011)

- EN ISO 11890-2:2013 en
Paints and varnishes – Determination of volatile organic compound (VOC) content – Part 2: Gas-chromatographic method (ISO 11890-2:2013)
Boje i lakovi – Određivanje sadržaja hlapljivih organskih tvari (VOC) – 2. dio: Metoda plinske kromatografije (ISO 11890-2:2013)
- ISO 12013-1:2012 en
Paints and varnishes – Determination of curing characteristics using a free damped oscillation method – Part 1: Start temperature of the curing reaction
Boje i lakovi – Određivanje karakteristika stvrdnjavanja upotrebom metode osciliranja slobodne vlage – 1. dio: Početna temperatura reakcije stvrdnjavanja
- ISO 12013-2:2012 en
Paints and varnishes – Determination of curing characteristics using a free damped oscillation method – Part 2: Glass transition temperature
Boje i lakovi – Određivanje karakteristika stvrdnjavanja upotrebom metode osciliranja slobodne vlage – 2. dio: Temperatura staklišta
- prEN 13523-0 en
Coil coated metals – Test methods – Part 0: General introduction and list of test methods
Metali zaštićeni trakom – Metode ispitivanja – 0. dio: Opći uvod i popis metoda ispitivanja
- prEN 13523-2 en
Coil coated metals – Test methods – Part 2: Gloss
Metali zaštićeni trakom – Metode ispitivanja – 2. dio: Sjajnost
- prEN 13523-3 en
Coil coated metals – Test methods – Part 3: Colour difference – Instrumental comparison
Metali zaštićeni trakom – Metode ispitivanja – 3. dio: Razlika u boji – Usporedba s pomoću instrumenta
- prEN 13523-4 en
Coil coated metals – Test methods – Part 4: Pencil hardness
Metali zaštićeni trakom – Metode ispitivanja – 4. dio: Tvrdća ispitana olovkom
- prEN 13523-5 en
Coil coated metals – Test methods – Part 5: Resistance to rapid deformation (impact test)
Metali zaštićeni trakom – Metode ispitivanja – 5. dio: Otpornost na brzu deformaciju (otpornost na udarac)
- prEN 13523-7 en
Coil coated metals – Test methods – Part 7: Resistance to cracking on bending (T-bend test)
Metali zaštićeni trakom – Metode ispitivanja – 7. dio: Otpornost na pojavu pukotina tijekom savijanja (T- postupak savijanja)
- prEN 13523-9 rev en
Coil coated metals – Test methods – Part 9: Resistance to water immersion
Metali zaštićeni trakom – Metode ispitivanja – 9. dio: Otpornost na uranjanje u vodu
- prEN 13523-13 rev en
Coil coated metals – Test methods – Part 13: Resistance to accelerated ageing by the use of heat
Metali zaštićeni trakom – Metode ispitivanja – 13. dio: Otpornost na ubrzano starenje djelovanjem topline
- prEN 13523-14 rev en
Coil coated metals – Test methods - Part 14: Chalking (Helmen method)
Metali zaštićeni trakom – Metode ispitivanja – 14. dio: Kredanje (Helmenova metoda)
- prEN 13523-25 rev en
Coil coated metals – Test methods – Part 25: Resistance to humidity
Metali zaštićeni trakom – Metode ispitivanja – 25. dio: Otpornost na vlagu
- prEN 13523-26 rev en
Coil coated metals – Test methods – Part 26: Resistance to condensation of water
Metali zaštićeni trakom – Metode ispitivanja – 26. dio: Otpornost na kondenzaciju vode
- prEN ISO 13803 rev en
Paints and varnishes – Determination of reflection haze on paint films at 20 degrees (ISO/DIS 13803:2012)
Boje i lakovi – Određivanje zamućenosti refleksije na filmovima boje pri 20 stupnjeva (ISO/DIS 13803:2012)
- ISO 15181-6:2012 en
Paints and varnishes – Determination of release rate of biocides from antifouling paints – Part 6: Determination of tralopyril release rate by quantitation of its degradation product in the extract
Boje i lakovi – Određivanje brzine otpuštanja biocida iz antivegetativnih boja – 6. dio: Određivanje brzine otpuštanja tralopirila određivanjem količine njegova produkta razgradnje u ekstraktu
- EN ISO 16014-5:2012 en
Plastics – Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography – Part 5: Method using light-scattering detection (ISO 16014-5:2012)
Plastika – Određivanje prosječne molekularne mase i raspodjele molekularne mase polimera upotrebom gel-filtracijske kromatografije – 5. dio: Metoda detekcije raspršenja svjetlosti (ISO 16014-5:2012)
- CEN/TS 16358:2012 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Assessment of air inclusions/microfoam in coating films
Boje i lakovi – Premazna sredstva i premazni sustavi za drvo na vanjskim prostorima – Ocjenjivanje prisutnosti zraka/mikropijene u filmovima premaza
- CEN/TS 16359:2012 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Assessment of knot staining resistance of wood coatings
Boje i lakovi – Premazna sredstva i premazni sustavi za drvo na vanjskim prostorima – Ocjenjivanje otpora čvora prema bojenju u premazima drvenih površina
- CEN/TS 16360:2012 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Assessment of film extensibility by indentation of a coating on a wooden substrate
Boje i lakovi – Premazna sredstva i premazni sustavi za drvo na vanjskim prostorima – Ocjenjivanje rastezljivosti filma utiskivanjem premaza na drveni supstrat
- ISO 16482-1:2013 en
Binders for paints and varnishes – Determination of the non-volatile-matter content of aqueous rosin-resin dispersions – Part 1: Oven method
Veziva za boje i lakove – Određivanje količine nehlapljivih tvari vodenih disperzija smole – 1. dio: Metoda sušenja
- prEN 16492 en
Paints and varnishes – Evaluation of the surface disfigurement caused by fungi and algae on coatings
- ISO 19840:2012 en
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Measurement of, and acceptance criteria for, the thickness of dry films on rough surfaces
Boje i lakovi – Zaštita čeličnih konstrukcija od korozije sustavima zaštitne boje – Mjerenje i kriterij prihvaćanja debljine suhih filmova na hrapavim površinama

HZN/TO 43, Akustika

- EN ISO 2922:2000/FprA1 en
Acoustics – Measurement of airborne sound emitted by vessels on inland waterways and harbours (ISO 2922:2000/FDAM1:2013)
Akustika – Mjerenja buke koju emitiraju plovni objekti na unutarnjim vodama i u lukama (ISO 2922:2000/FDAM1:2013)
- EN ISO 10140-1:2010/prA2 en
Acoustics – Laboratory measurement of sound insulation of building elements – Part 1: Application rules for specific products – Rainfall noise (ISO 10140-1:2010/DAM 2:2012)
Akustika – Laboratorijska mjerenja zvučne izolacije građevnih dijelova zgrade – 1. dio: Pravila primjene za određene proizvode – Buka padanja kiše (ISO 10140-1:2010/DAM 2:2012)
- EN ISO 10140-5:2010/prA1 en
Acoustics – Laboratory measurement of sound insulation of building elements – Part 5: Requirements for test facilities and equipment – Rainfall noise (ISO 10140-5:2010/DAM 1:2012)
Akustika – Laboratorijska mjerenja zvučne izolacije građevnih dijelova zgrade – 5. dio: Zahtjevi za ispitne objekte i opremu – Buka padanja kiše (ISO 10140-5:2010/DAM 1:2012)

HZN/TO 44, Zavarivanje i srodni postupci

- EN ISO 3690:2012 en
Welding and allied processes – Determination of hydrogen content in arc weld metal (ISO 3690:2012)
Zavarivanje i srodni postupci – Određivanje sadržaja vodika u elektrolučno zavarenome metalu (ISO 3690:2012)
- FprEN ISO 6847 en
Welding consumables – Deposition of a weld metal pad for chemical analysis (ISO/FDIS 6847:2012)
Dodatni i potrošni materijali za zavarivanje – Navarivanje metala zavara za kemijsku analizu (ISO/FDIS 6847:2012)
- FprEN ISO 9017 en
Destructive tests on welds in metallic materials – Fracture test (ISO 9017:2001)
Razorno ispitivanje zavara metalnih materijala – Ispitivanje lomljenjem (ISO 9017:2001)
- FprEN ISO 9312 en
Resistance welding equipment – Insulated pins for use in electrode back-ups (ISO/FDIS 9312:2013)
Oprema za elektrotoporno zavarivanje – Izolirani mehanički osigurači za upotrebu u elektroodnim osloncima (ISO/FDIS 9312:2013)
- FprEN ISO 9606-1 en
Qualification testing of welders – Fusion welding – Part 1: Steels (ISO 9606-1:2012, including Cor 1:2012)
Provjera osposobljenosti zavarivača – Zavarivanje taljenjem – 1. dio: Čelici (ISO 9606-1:2012, uključujući Cor 1:2012)
- FprEN ISO 9692-1 en
Welding and allied processes – Types of joint preparation – Part 1: Manual metal-arc welding, gas-shielded metal-arc welding, gas welding, TIG welding and beam welding of steels (ISO/FDIS 9692-1:2013)
Zavarivanje i srodni postupci – Vrste pripreme spoja – 1. dio: Ručno elektrolučno zavarivanje, MIG/ MAG zavarivanje, plinsko zavarivanje, TIG zavarivanje i zavarivanje čelika elektronskim snopom (ISO/FDIS 9692-1:2013)
- FprEN ISO 10675-1 en
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 1: Steel, nickel, titanium and their alloys (ISO 10675-1:2008)
Nerazorno ispitivanje zavarenih spojeva – Razine prihvatljivosti za radiografsko ispitivanje – 1. dio: Čelik, nikl, titan i njihove legure (ISO 10675-1:2008)

- FprEN ISO 10675-2 en
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 2: Aluminium and its alloys (ISO 10675-2:2010)
Nerazorno ispitivanje zavarenih spojeva – Razine prihvatljivosti za radiografsko ispitivanje – 2. dio: Aluminij i njegove legure (ISO 10675-2:2010)
- FprEN ISO 15626 en
Non-destructive testing of welds – Time-of-flight diffraction technique (TOFD) – Acceptance levels (ISO 15626:2011)
Nerazorno ispitivanje zavarenih spojeva – Tehnika ultrazvučne difrakcije (TOFD) – Razine prihvatljivosti (ISO 15626:2011)
- FprEN ISO 17639 en
Destructive tests on welds in metallic materials – Macroscopic and microscopic examination of welds (ISO 17639:2003)
Razorno ispitivanje zavara metalnih materijala – Makroskopsko i mikroskopsko ispitivanje zavara (ISO 17639:2003)

HZN/TO 71, Beton

- EN 1504-5:2013 en
Products and systems for the protection and repair of concrete structures – Definitions, requirements, quality control and evaluation of conformity – Part 5: Concrete injection
Proizvodi i sustavi za zaštitu i popravak betonskih konstrukcija – Definicije, zahtjevi, kontrola kvalitete i vrednovanje sukladnosti – 5. dio: Injektiranje betona

HZN/TO 120, Koža i obuća

- prEN ISO 2588 en
Leather – Sampling – Number of items for a gross sample (ISO/DIS 2588:2012)
Koža – Uzorkovanje – Broj uzoraka za dobivanje reprezentativnog uzorka (ISO/DIS 2588:2012)
- prEN ISO 17234-1 rev en
Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 1: Determination of certain aromatic amines derived from azo colorants (ISO/DIS 17234-1:2012)
Koža – Kemijska ispitivanja za određivanje određenih azo bojila u obojenoj koži – 1. dio: Određivanje određenih aromatskih amina dobivenih iz azo bojila (ISO/DIS 17234-1:2012)

HZN/TO 121, Anestetička i respiracijska oprema

- prEN ISO 5359 rev en
Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases (ISO/DIS 5359:2012)
Anestetička i respiracijska oprema – Niskotlačni cjevovodni sklop za primjenu s medicinskim plinovima (ISO/DIS 5359:2012)
- prEN ISO 8836 rev en
Suction catheters for use in the respiratory tract (ISO/DIS 8836:2013)
Usisni kateteri za upotrebu u dišnom putu (ISO/DIS 8836:2013)
- prEN ISO 18082 rev en
Anaesthetic and respiratory equipment – Non-interchangeable screw-threaded (NIST) low-pressure connectors for medical gases (ISO/DIS 18082:2012)
Anestetička i respiracijska oprema – Nepromjenjivi priključci na navoj (NIST) priključci niskog pritiska za medicinske plinove (ISO/DIS 18082:2012)

- EN ISO 80601-2-13:2012 en
 Medical electrical equipment – Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2011)
 Medicinski električni uređaji – Dio 2-13: Posebni zahtjevi za osnovnu sigurnost i nužne značajke anestezioloških radnih stanica (ISO 80601-2-13:2011)
- prEN ISO 80601-2-69 rev en
 Medical Electrical Equipment – Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment (ISO/DIS 80601-2-69:2012)
 Medicinski električni uređaji – Dio 2-69: Posebni zahtjevi za osnovnu sigurnost i nužne značajke uređaja za koncentriranje kisika (ISO/DIS 80601-2-69:2012)

HZN/TO 134, Gnojiva i poboljšivači tla

- EN 12948:2010 en
 Liming materials – Determination of size distribution by dry and wet sieving
 Tvari za kalcifikaciju – Određivanje veličine čestica (raspodjele) suhim i mokrim sijanjem
- CEN/TS 16305:2012 en
 Liming materials – Determination of the dust content of granular liming materials before and after simulated handling conditions
 Tvari za kalcifikaciju – Određivanje sadržaja prašine granularnih tvari za kalcifikaciju prije i poslije simuliranih radnih uvjeta
- CEN/TS 16317:2012 en
 Fertilizers – Determination of trace elements – Determination of arsenic by inductively coupled plasma-atomic emission spectrometry (ICP-AES) after aqua regia dissolution
 Gnojiva – Određivanje elemenata u tragovima – Određivanje arsena upotrebom atomske emisijske spektrometrije s induktivno spregnutom plazmom (ICP-AES) nakon otapanja u zlatotopki
- CEN/TS 16318:2012 en
 Fertilizers – Determination of trace elements – Determination of chromium(VI) by photometry (method A) and by ion chromatography with spectrophotometric detection (method B)
 Gnojiva – Određivanje elemenata u tragovima – Određivanje kroma (VI) upotrebom fotometrije (metoda A) i ionske kromatografije sa spektrofotometrijskim dokazivanjem prisutnosti (metoda B)
- CEN/TS 16319:2012 en
 Fertilizers – Determination of trace elements – Determination of cadmium, chromium, lead and nickel by inductively coupled plasma-atomic emission spectrometry (ICP-AES) after aqua regia dissolution
 Gnojiva – Određivanje elemenata u tragovima – Određivanje kadmija, kroma, olova i nikla upotrebom atomske emisijske spektrometrije s induktivno spregnutom plazmom (ICP-AES) nakon otapanja u zlatotopki
- CEN/TS 16320:2012 en
 Fertilizers – Determination of trace elements – Determination of mercury by vapour generation (VG) after aqua regia dissolution
 Gnojiva – Određivanje elemenata u tragovima – Određivanje žive upotrebom tehnike stvaranja pare (VG) nakon otapanja u zlatotopki
- CEN/TS 16375:2013 en
 Liming materials – Determination of the amount of residual finely ground carbonate in soils – Volumetric method
 Tvari za kalcifikaciju – Određivanje količine zaostalog fino samljevenog karbonata u tlu – Volumetrijska metoda

HZN/TO 135, Nerazorna ispitivanja

- EN 16018:2011 en
 Non-destructive testing – Terminology – Terms used in ultrasonic testing with phased arrays
 Nerazorno ispitivanje – Nazivlje – Nazivi koji se upotrebljavaju pri ultrazvučnome ispitivanju faznim sondama

HZN/TO 136, Namještaj

- prEN 1729-1 en
 Furniture – Chairs and tables for educational institutions – Part 1: Functional dimensions
 Namještaj – Stolice i stolovi za obrazovne ustanove – 1. dio: Funkcionalne dimenzije

HZN/TO 146, Kvaliteta zraka

- prEN 12341 en
 Ambient air – Standard gravimetric measurement method for the determination of the PM10 or PM2, 5 mass concentration of suspended particulate matter
- FprCEN/TR 13205-3 en
 Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 3: Analysis of sampling efficiency data
 Profesionalna izloženost – Ocjena radnih značajka uzorkivača za mjerenje koncentracije lebdećih čestica u zraku – 3. dio: Analiza podataka o učinkovitosti uzorkovanja
- prEN 13936 en
 Workplace exposure – Procedures for measuring a chemical agent present as a mixture of airborne particles and vapour – Requirements and test methods
 Profesionalna izloženost – Postupci za mjerenje kemijskoga agensa prisutnog kao smjesa lebdećih čestica i para – Zahtjevi i metode ispitivanja
- FprEN 15051-1 en
 Workplace exposure – Measurement of the dustiness of bulk materials – Part 1: Requirements and choice of test methods
 Profesionalna izloženost – Mjerenje prašnosti rastresitoga materijala – 1. dio: Zahtjevi i odabir metode ispitivanja
- FprEN 15051-2 en
 Workplace exposure – Measurement of the dustiness of bulk materials – Part 2: Rotating drum method
 Profesionalna izloženost – Mjerenje prašnosti rastresitoga materijala – 2. dio: Metoda rotirajućega bubnja
- FprEN 15051-3 en
 Workplace exposure – Measurement of the dustiness of bulk materials – Part 3: Continuous drop method
 Profesionalna izloženost – Mjerenje prašnosti rastresitoga materijala – 3. dio: Metoda kontinuiranoga pada
- prEN ISO 16000-32 en
 Indoor air – Part 32: Investigation of buildings for pollutants and other injurious factors – Inspections (ISO/DIS 16000-32:2012)
- CEN/TR 16013-3:2012 en
 Workplace exposure – Guide for the use of direct-reading instruments for aerosol monitoring – Part 3: Evaluation of airborne particle concentrations using photometers
 Profesionalna izloženost – Upute za upotrebu instrumenata za trajno praćenje aerosola izravnim očitanjem – 3. dio: Procjena koncentracije lebdećih čestica u zraku upotrebom fotometara
- FprEN 16339 en
 Ambient air – Method for the determination of the concentration of nitrogen dioxide by diffusive sampling
 Vanjski zrak – Metoda za određivanje koncentracije dušikovog dioksida difuznim uzorkovanjem

HZN/TO 147, *Kvaliteta vode*

- prEN ISO 9308-1 rev en
Water quality – Enumeration of *Escherichia coli* and coliform bacteria – Part 1: Membrane filtration method for waters with low bacterial background flora (ISO/DIS 9308-1:2012)
Kvaliteta vode – Brojenje *Escherichia coli* i koliformnih bakterija – 1. dio: Metoda membranske filtracije za vode s niskom pozadinom bakterijske flore (ISO/DIS 9308-1:2012)
- EN ISO 11206:2013 en
Water quality – Determination of dissolved bromate – Method using ion chromatography (IC) and post column reaction (PCR) (ISO 11206:2011)
- prEN 16479-1 en
Water quality – Performance requirements and conformity test procedures for water monitoring equipment – Part 1: Automated sampling devices (samplers) for water and waste water
- prEN 16493 en
Water quality – Nomenclatural requirements for the recording of biodiversity data, taxonomic checklists and keys
Kvaliteta vode – Nomenklaturni zahtjevi za bilježenje podataka o bioraznolikosti, za taksonomske kontrolne liste i ključeve za determinaciju
- prEN 16503 en
Water quality – Guidance standard on assessing the hydromorphological features of transitional and coastal waters
Kvaliteta vode – Savjetodavna norma za ocjenjivanje hidromorfoloških svojstava prijelaznih i obalnih voda
- prEN ISO 17994 en
Water quality – Requirements for the comparison of the relative recovery of microorganisms by two quantitative methods (ISO/DIS 17994:2012)
Kvaliteta vode – Preduvjeti za usporedbu relativnog izdvajanja mikroorganizama uporabom dvije kvantitativne metode (ISO/DIS 17994:2012)
- EN ISO 19250:2013 en
Water quality – Detection of *Salmonella* spp. (ISO 19250:2010)
Kvaliteta vode – Detekcija vrsta roda *Salmonella* (ISO 19250:2010)
- FprEN ISO 27108 en
Water quality – Determination of selected plant treatment agents and biocide products – Method using solid-phase microextraction (SPME) followed by gas chromatography-mass spectrometry (GC-MS) (ISO 27108:2010)

HZN/TO 159, *Ergonomija*

- CEN ISO/TR 7250-2:2011 en
Basic human body measurements for technological design – Part 2: Statistical summaries of body measurements from individual ISO populations (ISO/TR 7250-2:2010)
Temeljna antropološka mjerenja ljudskog tijela za tehnološki dizajn – 2. dio: Statistički sažeci tjelesnih mjera pojedinačnih populacija članica ISO-a (ISO/TR 7250-2:2010)
- CEN ISO/TR 7250-2:2011/FprA1 en
Basic human body measurements for technological design – Part 2: Statistical summaries of body measurements from national populations (ISO/TR 7250-2:2010/FAMd 1:2012)
Temeljna antropološka mjerenja ljudskog tijela za tehnološki dizajn – 2. dio: Statistički sažeci tjelesnih mjera nacionalnih populacija (ISO/TR 7250-2:2010/FAMd 1:2012)

- prEN ISO 9241-391 en
Ergonomics of Human System Interaction – Part 391: Requirements, analysis and compliance test methods for the reduction of photosensitive seizures (ISO/DIS 9241-391:2012)
Ergonomija interakcije čovjek-sustav – 391. dio: Zahtjevi, analiza i metode utvrđivanja sukladnosti za redukciju fotosenzitivnih napadaja (ISO/DIS 9241-391:2012)

HZN/TO 163, *Toplinska izolacija*

- EN 15501:2013 en
Thermal insulation products for building equipment and industrial installations – Factory made expanded perlite (EP) and exfoliated vermiculite (EV) products – Specification
- prEN 16491 en
Thermal insulation products for buildings – Factory made composite products – Specification

HZN/TO 172, *Optika i optički instrumenti*

- FprEN ISO 10341 en
Ophthalmic instruments – Refractor heads (ISO 10341:2012)
Oftalmološki instrumenti – Refraktorske glave (ISO 10341:2012)
- prEN ISO 11979-2 rev en
Ophthalmic implants – Intraocular lenses – Part 2: Optical properties and test methods (ISO/DIS 11979-2:2012)
Oftalmološki implantanti – Intraokularne leće – 2. dio: Optička svojstva i metode ispitivanja (ISO/DIS 11979-2:2012)
- EN ISO 11980:2012 en
Ophthalmic optics – Contact lenses and contact lens care products – Guidance for clinical investigations (ISO 11980:2012)
Oftalmološka optika – Kontakte leće i proizvodi za njegu kontaktnih leća – Smjernice za klinička istraživanja (ISO 11980:2012)
- EN ISO 18369-2:2012 en
Ophthalmic optics – Contact lenses – Part 2: Tolerances (ISO 18369-2:2012)
Oftalmološka optika – Kontaktne leće – 2. dio: Tolerancije (ISO 18369-2:2012)

HZN/TO 181, *Sigurnost igračaka i proizvodi za djecu*

- EN 71-1:2011/prA1 en
Safety of toys – Part 1: Mechanical and physical properties – Amendment 1: “Legibility of warnings” including “correction of specification for Gauss-meter”
- EN 71-1:2011/prA3 en
Safety of toys – Part 1: Mechanical and physical properties – Amendment 3: Toy books
- prEN 71-7 en
Safety of toys – Part 7: Finger paints – Requirements and test methods
Sigurnost igračaka – 7. dio: Bojila za bojenje prstima – Zahtjevi i metode ispitivanja
- prEN 71-14 en
Safety of toys – Part 14: Trampolines for domestic use

HZN/TO 190, *Kvaliteta tla*

- EN ISO 10930:2013 en
Soil quality – Measurement of the stability of soil aggregates subjected to the action of water (ISO 10930:2012)
- EN ISO 11063:2013 en
Soil quality – Method to directly extract DNA from soil samples (ISO 11063:2012)

prEN ISO 11267 en
Soil quality – Inhibition of reproduction of *Collembola* (*Folsomia candida*) by soil pollutants (ISO/DIS 11267:2012)

EN ISO 11269-2:2013 en
Soil quality – Determination of the effects of pollutants on soil flora – Part 2: Effects of contaminated soil on the emergence and early growth of higher plants (ISO 11269-2:2012)

EN ISO 15009:2013 en
Soil quality – Gas chromatographic determination of the content of volatile aromatic hydrocarbons; naphthalene and volatile halogenated hydrocarbons – Purge-and-trap method with thermal desorption (ISO 15009:2012)
Kvaliteta tla – Određivanje sadržaja hlapljivih aromatskih ugljikovodika, naftalena i hlapljivih halogenih ugljikovodika plinskom kromatografijom – Metoda pročišćavanjem, adsorpcijom i termalnom desorpcijom (Purge-and-trap metoda) (ISO 15009:2012)

EN ISO 22155:2013 en
Soil quality – Gas chromatographic determination of volatile aromatic and halogenated hydrocarbons and selected ethers – Static headspace method (ISO 22155:2011)
Kvaliteta tla – Plinsko kromatografsko određivanje hlapljivih aromatskih i halogeniranih ugljikovodika i odabranih etera – Statička metoda ubrizgavanja lakohlapljivih spojeva (headspace metoda) (ISO 22155:2011)

EN ISO 23611-5:2013 en
Soil quality – Sampling of soil invertebrates – Part 5: Sampling and extraction of soil macro-invertebrates (ISO 23611-5:2011)

HZN/TO 211, Geoinformacije/Geomatika

CEN/TR 15449-1:2012 en
Geographic information – Spatial data infrastructures – Part 1: Reference model
Geoinformacije – Infrastruktura prostornih podataka – 1. dio: Referentni model

CEN/TR 15449-2:2012 en
Geographic information – Spatial data infrastructures – Part 2: Best practices
Geoinformacije – Infrastruktura prostornih podataka – 2. dio: Dobra praksa

CEN/TR 15449-3:2012 en
Geographic information – Spatial data infrastructures – Part 3: Data centric view
Geoinformacije – Infrastruktura prostornih podataka – 3. dio: Pogled usmjeren na podatke

ISO/TS 19103:2005 en
Geographic information – Conceptual schema language
Geoinformacije – Jezik konceptualne sheme

ISO/TS 19104:2008 en
Geographic information – Terminology
Geoinformacije – Pojmovnik

EN ISO 19110:2006/A1:2011 en
Geographic information – Methodology for feature cataloguing – Amendment 1 (ISO 19110:2005/Amd 1:2011)
Geoinformacije – Metodologija za izradu kataloga objekata – Amandman 1 (ISO 19110:2005/Amd 1:2011)

EN ISO 19118:2011 en
Geographic information – Encoding (ISO 19118:2011)
Geoinformacije – Kodiranje (ISO 19118:2011)

ISO/TS 19127:2005 en
Geographic information – Geodetic codes and parameters
Geoinformacije – Geodetski kodovi i parametri

ISO/TS 19130:2010 en
Geographic information – Imagery sensor models for geopositioning

EN ISO 19148:2012 en
Geographic information – Linear referencing (ISO 19148:2012)
Geoinformacije – Linearno referenciranje (ISO 19148:2012)

HZN/TO 215, Medicinska informatika

prEN ISO 18104 en
Health informatics – Categorical structures for representation of nursing diagnoses and nursing actions in terminological systems (ISO/DIS 18104:2012)

HZN/TO 217, Kozmetika

prEN 16521 en
Cosmetics – Analytical methods – GC/MS method for the identification and assay of 12 phthalates in cosmetic samples ready for analytical injection
Kozmetika – Analička metoda – GC/MS metoda za identifikaciju i kvantifikaciju 12 ftalata u kozmetičkim proizvodima direktnim injektiranjem

HZN/TO 219, Podne obloge

prEN 1307 rev en
Textile floor coverings – Classification

FprEN ISO 10581 en
Resilient floor coverings – Homogeneous poly(vinyl chloride) floor covering – Specification (ISO 10581:2011)

prEN 16511 en
Loose-laid panels – Multi-layer semi-rigid floor covering (MSF) panels with wear resistant top layer

prEN 16518 en
Resilient floor coverings – Measurement of in-room impact noise

HZN/TO 221, Geosintetici

prEN 14574 rev en
Geosynthetics – Determination of the pyramid puncture resistance of supported geosynthetics
Geosintetici – Određivanje otpornosti geosintetika na krutoj podlozi na probijanje piramidom

HZN/TO 228, Usluge u turizmu

prEN ISO 24801-1 en
Recreational diving services – Requirements for the training of recreational scuba divers – Part 1: Level 1 – Supervised diver (ISO/DIS 24801-1:2012)

prEN ISO 24801-2 en
Recreational diving services – Requirements for the training of recreational scuba divers – Part 2: Level 2 – Autonomous diver (ISO/DIS 24801-2:2012)

prEN ISO 24801-3 en
Recreational diving services – Requirements for the training of recreational scuba divers – Part 3: Level 3 – Dive leader (ISO/DIS 24801-3:2012)

prEN ISO 24802-1 en
Recreational diving services – Requirements for the training of scuba instructors – Part 1: Level (ISO/DIS 24802-1:2012)

prEN ISO 24802-2 en
Recreational diving services – Requirements for the training of scuba instructors – Part 2: Level 2 (ISO/DIS 24802-2:2012)

HZN/TO 238, Čvrsta biogoriva

prEN ISO 17225-1 en
Solid biofuels – Fuel specifications and classes – Part 1: General requirements (ISO/DIS 17225-1:2012)

- prEN ISO 17225-2 en
Solid biofuels – Fuel specifications and classes – Part 2:
Graded wood pellets (ISO/DIS 17225-2:2012)
- prEN ISO 17225-3 en
Solid biofuels – Fuel specifications and classes – Part 3:
Graded wood briquettes (ISO/DIS 17225-3:2012)
- prEN ISO 17225-4 en
Solid biofuels – Fuel specifications and classes – Part 4:
Graded wood chips (ISO/DIS 17225-4:2012)
- prEN ISO 17225-5 en
Solid biofuels – Fuel specifications and classes – Part 5:
Graded firewood (ISO/DIS 17225-5:2012)
- prEN ISO 17225-6 en
Solid biofuels – Fuel specifications and classes – Part 6:
Graded non-woody pellets (ISO/DIS 17225-6:2012)
- prEN ISO 17225-7 en
Solid biofuels – Fuel specifications and classes –
Part 7: Graded non-woody briquettes
(ISO/DIS 17225-7:2012)

HZN/TO 502, Plinski uređaji

- EN 30-1-1:2008+A3:2013 en
Domestic cooking appliances burning gas – Part 1-1:
Safety – General
Kućanski plinski uređaji za kuhanje – Dio 1-1: Sigurnost
– Općenito
- prEN 1643 rev en
Safety and control devices for gas burners and gas
burning appliances – Valve proving systems for
automatic shut-off valves
- EN 1949:2011+A1:2013 en
Specification for the installation of LPG systems for
habitation purposes in leisure accommodation vehicles
and accommodation purposes in other vehicles
Odredbe za instalacije u sustavima pogona na
ukapljeni naftni plin za namjenu stanovanja u vozilima
za odmor (kamp vozila) i drugim vozilima
- prEN 12309-1 en
Gas-fired sorption appliances for heating and/or
cooling with a net heat input not exceeding 70 kW –
Part 1: Terms and definitions
- prEN 12309-2 en
Gas-fired sorption appliances for heating and/or
cooling with a net heat input not exceeding 70 kW –
Part 2: Safety
- prEN 12309-3 en
Gas-fired sorption appliances for heating and/or
cooling with a net heat input not exceeding 70 kW –
Part 3: Test conditions
- prEN 12309-4 en
Gas-fired sorption appliances for heating and/or
cooling with a net heat input not exceeding 70 kW –
Part 4: Test methods
- prEN 12309-5 en
Gas-fired sorption appliances for heating and/or
cooling with a net heat input not exceeding 70 kW –
Part 5: Requirements
- prEN 12309-6 en
Gas-fired sorption appliances for heating and/or
cooling with a net heat input not exceeding 70 kW –
Part 6: Calculation of seasonal performances
- prEN 12309-7 en
Gas-fired sorption appliances for heating and/or
cooling with a net heat input not exceeding 70 kW –
Part 7: Specific provisions for hybrid appliances
- prEN 13203-5 en
Gas-fired domestic appliance producing hot water
– Part 5: Assessment of energy consumption of gas
fired appliances combined with electrical heat pump

- prEN 15502-2-2 en
Gas-fired central heating boilers – Part 2-2: Specific
standard for type B1 appliances of a nominal heat input
not exceeding 70 kW

HZN/TO 503, Metalni materijali

- FprEN 485-2 en
Aluminium and aluminium alloys – Sheet, strip and
plate – Part 2: Mechanical properties
Aluminij i aluminijeve legure – Limovi, trake i ploče –
2. dio: Mehanička svojstva
- prEN 573-3 rev en
Aluminium and aluminium alloys – Chemical
composition and form of wrought products – Part 3:
Chemical composition and form of products
Aluminij i aluminijeve legure – Kemijski sastav i oblik
gnječanih proizvoda – 3. dio: Kemijski sastav i oblik
proizvoda
- FprEN 754-2 en
Aluminium and aluminium alloys – Cold drawn rod/bar
and tube – Part 2: Mechanical properties
Aluminij i aluminijeve legure – Hladno vučene šipke i
cijevi – 2. dio: Mehanička svojstva
- FprEN 755-2 en
Aluminium and aluminium alloys – Extruded rod/bar,
tube and profiles – Part 2: Mechanical properties
Aluminij i aluminijeve legure – Istisnute šipke, cijevi i
profili – 2. dio: Mehanička svojstva
- FprEN 10049 en
Measurement of roughness average Ra and peak
count R_{Pc} on metallic flat products
Mjerenje srednje vrijednosti hrapavosti Ra i izračun
najviše vrijednosti R_{Pc} na ravnim metalnim proizvodima
- FprEN 13195 en
Aluminium and aluminium alloys – Specifications for
wrought and cast products for marine applications
(shipbuilding, marine and offshore)
Aluminij i aluminijeve legure – Specifikacije za
gnječene i lijevane proizvode za primjenu u pomorstvu
(brodogradnja, pomorska i odobalna tehnika)
- HZN/TO 504, Korozija i zaštita metala i legura**
- prEN ISO 6509 en
Corrosion of metals and alloys – Determination of
dezincification resistance of copper alloys with zinc
(ISO/DIS 6509:2012)
Korozija metala i legura – Određivanje otpornosti
legura bakra s cinkom na decinkaciju
(ISO/DIS 6509:2012)
- EN ISO 8044:1999/prA1 en
Corrosion of metals and alloys – Basic terms and
definitions – Amendment 1
(ISO 8044:1999/DAM 1:2012)
Korozija i zaštita metala i legura – Osnovni nazivi i
definicije – Amandman 1 (ISO 8044:1999/DAM 1:2012)

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

- prEN ISO 6974-5 rev en
Natural gas – Determination of composition and
associated uncertainty by gas chromatography –
Part 5: Isothermal method for nitrogen, carbon dioxide,
C1 to C5 hydrocarbons and C6+ hydrocarbons
(ISO/DIS 6974-5:2012)

HZN/TO 508, Ambalaža i pakiranje

- EN ISO 445:2013 en
Pallets for materials handling – Vocabulary
(ISO 445:2013)
Paleta za rukovanje materijalima – Terminološki rječnik
(ISO 445:2013)

HZN/TO 509, Cestovna oprema

- EN 12899-1:2007/FprA1 en
Fixed, vertical road traffic signs – Part 1: Fixed signs
Stalni okomiti cestovni prometni znakovi – 1. dio: Stalni znakovi
- EN 12899-2:2007/FprA1 en
Fixed, vertical road traffic signs – Part 2: Transilluminated traffic bollards (TTB)
Stalni okomiti cestovni prometni znakovi – 2. dio: Svjetleći prometni stupići
- EN 12899-3:2007/FprA1 en
Fixed, vertical road traffic signs – Part 3: Delineator posts and retroreflectors
Stalni okomiti cestovni prometni znakovi – 3. dio: Smjerkazni stupići i retroreflektirajući elementi
- EN 12899-4:2007/FprA1 en
Fixed, vertical road traffic signs – Part 4: Factory production control
Stalni okomiti cestovni prometni znakovi – 4. dio: Tvornička kontrola proizvodnje
- EN 12899-5:2007/FprA1 en
Fixed, vertical road traffic signs – Part 5: Initial type testing
Stalni okomiti cestovni prometni znakovi – 5. dio: Početno ispitivanje tipa
- FprEN 12899-6 en
Fixed, vertical road traffic signs – Part 6: Performance of retroreflective sign face materials

HZN/TO 513, Mjerne jedinice i mjerila

- EN ISO 80000-1:2013 en
Quantities and units – Part 1: General (ISO 80000-1:2009+Cor 1:2011)
Veličine i jedinice – 1. dio: Općenito (ISO 80000-1:2009+Cor 1:2011)
- EN ISO 80000-2:2013 en
Quantities and units – Part 2: Mathematical signs and symbols to be used in the natural sciences and technology (ISO 80000-2:2009)
Veličine i jedinice – 2. dio: Matematički znakovi i simboli za korištenje u prirodnim znanostima i tehnologiji (ISO 80000-2:2009)
- EN ISO 80000-3:2013 en
Quantities and units – Part 3: Space and time (ISO 80000-3:2006)
Veličine i jedinice – 3. dio: Prostor i vrijeme (ISO 80000-3:2006)
- EN ISO 80000-4:2013 en
Quantities and units – Part 4: Mechanics (ISO 80000-4:2006)
Veličine i jedinice – 4. dio: Mehanika (ISO 80000-4:2006)
- EN ISO 80000-5:2013 en
Quantities and units – Part 5: Thermodynamics (ISO 80000-5:2007)
Veličine i jedinice – 5. dio: Termodinamika (ISO 80000-5:2007)
- FprEN ISO 80000-7 en
Quantities and units – Part 7: Light (ISO 80000-7:2008)
Veličine i jedinice – 7. dio: Svjetlost (ISO 80000-7:2008)
- EN ISO 80000-9:2013 en
Quantities and units – Part 9: Physical chemistry and molecular physics (ISO 80000-9:2009+Amd 1:2011)
Veličine i jedinice – 9. dio: Fizikalna kemija i molekularna fizika (ISO 80000-9:2009+Amd 1:2011)
- EN ISO 80000-10:2013 en
Quantities and units – Part 10: Atomic and nuclear physics (ISO 80000-10:2009)
Veličine i jedinice – 10. dio: Atomska i nuklearna fizika (ISO 80000-10:2009)

- EN ISO 80000-11:2013 en
Quantities and units – Part 11: Characteristic numbers (ISO 80000-11:2008)
Veličine i jedinice – 11. dio: Karakteristični brojevi (ISO 80000-11:2008)
- EN ISO 80000-12:2013 en
Quantities and units – Part 12: Solid state physics (ISO 80000-12:2009)
Veličine i jedinice – 12. dio: Fizika čvrstog stanja (ISO 80000-12:2009)

HZN/TO 519, Adhezivi

- EN 1242:2013 en
Adhesives – Determination of isocyanate content
Adhezivi - Određivanje količine izocijanata

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

- EN 14701-2:2013 en
Characterisation of sludges – Filtration properties – Part 2: Determination of the specific resistance to filtration
Karakterizacija mulja – Filtracijska svojstva – 2. dio: Određivanje specifične otpornosti filtriranju

HZN/TO 524, Cestovni prijevoz i prometna telematika

- FprEN 15213-1 en
Intelligent transport systems – After-theft systems for the recovery of stolen vehicles – Part 1: Reference architecture and terminology
- FprEN 15213-2 en
Intelligent transport systems – After-theft systems for the recovery of stolen vehicles – Part 2: Common status message elements
- FprEN 15213-3 en
Intelligent transport systems – After-theft systems for the recovery of stolen vehicles – Part 3: Interface and system requirements in terms of short range communication system
- FprEN 15213-4 en
Intelligent transport systems – After-theft systems for the recovery of stolen vehicles – Part 4: Interface and system requirements in terms of long range communication system
- FprEN 15213-5 en
Intelligent transport systems – After-theft systems for the recovery of stolen vehicles – Part 5: Messaging interface
- prEN 15509 en
Electronic fee collection – Interoperability application profile for DSRC

HZN/TO 528, Oprema za željeznice

- prEN 14531-1 en
Railway applications – Methods for calculation of stopping and slowing distances and immobilisation braking – Part 1: General algorithms utilizing mean value calculation for train sets or single vehicles
- prEN 14531-2 en
Railway applications – Methods for calculation of stopping and slowing distances and immobilisation braking – Part 2: Step by step calculations for train sets or single vehicles
- EN 15954-2:2013 en
Railway applications – Track – Trailers and associated equipment – Part 2: General safety requirements
- EN 15955-2:2013 en
Railway applications – Track – Demountable machines and associated equipment – Part 2: General safety requirements

- prEN 16272-3-2 en
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 3-2: Normalized railway noise spectrum and single number ratings for direct field applications
- prEN 16272-6 en
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 6: Intrinsic characteristics – In situ values of airborne sound insulation under direct sound field conditions
- prEN 16452 en
Railway applications – Braking – Brake blocks

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

- prEN 13001-2 en
Crane safety – General design – Part 2: Load actions
Sigurnost granika – Opće projektiranje – 2. dio: Djelovanje opterećenja
- prEN 13001-3-2 en
Cranes – General design – Part 3-2: Limit states and proof of competence of wire ropes in reeving systems
Granici – Opće projektiranje – Dio 3-2: Granična stanja i dokaz sigurnosti žičane užadi u sustavima namatanja
- prEN 13001-3-3 en
Cranes – General design – Part 3-3: Limit states and proof of competence of wheel/rail contacts

HZN/TO 532, *Dimnjaci*

- prEN 16497-1 en
Chimneys – Concrete System Chimneys – Part 1: Non-balanced flue applications

HZN/TO 533, *Kolničke konstrukcije*

- FprEN 12697-3 en
Bituminous mixtures – Test methods for hot mix asphalt – Part 3: Bitumen recovery – Rotary evaporator
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 3. dio: Izdvajanje bitumena: rotacijski otparivač
- EN 13877-1:2013 en
Concrete pavements – Part 1: Materials
Betonski kolnici – 1. dio: Materijali
- EN 13877-2:2013 en
Concrete pavements – Part 2: Functional requirements for concrete pavements
Betonski kolnici – 2. dio: Funkcionalni zahtjevi za betonske kolnike

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

- prEN 16477-1 en
Glass in building – Painted glass for internal use – Part 1: Requirements
- prEN 16477-2 en
Glass in building – Painted glass for internal use – Part 2: Evaluation of conformity

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

- EN ISO 1101:2013 en
Geometrical product specifications (GPS) – Geometrical tolerancing – Tolerances of form, orientation, location and run-out (ISO 1101:2012, including Cor 1:2013)
Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Tolerancije oblika, orijentacije, smještaja i vrtnje (ISO 1101:2012, uključujući Cor 1:2013)

- prEN ISO 2692 en
Geometrical product specifications (GPS) – Geometrical tolerancing – Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR) (ISO/DIS 2692:2012)
Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Zahtjev za maksimum materijala, zahtjev za minimum materijala i zahtjev za recipročnošću (ISO/DIS 2692:2012)
- EN ISO 3040:2012/prA1 en
Geometrical product specifications (GPS) – Dimensioning and tolerancing – Cones – Amendment 1 (ISO 3040:2009/DAM 1:2012)
Geometrijske specifikacije proizvoda (GSP) – Kotiranje i tolerancije – Stošci – Amandman 1 (ISO 3040:2009/DAM 1:2012)
- prEN ISO 10360-10 en
Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring machines (CMS) – Part 10: Laser trackers for measuring point-to-point distances (ISO/DIS 10360-10:2012)
- EN ISO 14405-1:2010/prA1 en
Geometrical product specifications (GPS) – Dimensional tolerancing – Part 1: Linear sizes – Amendment 1 (ISO 14405-1:2010/DAM 1:2012)
Geometrijske specifikacije proizvoda (GSP) – Dimenzionalna tolerancija – 1. dio: Linearne veličine – Amandman 1 (ISO 14405-1:2010/DAM 1:2012)
- prEN ISO 14638 rev en
Geometrical product specification (GPS) – Masterplan (ISO/DIS 14638:2012)
Geometrijske specifikacije proizvoda (GSP) – Masterplan (ISO/DIS 14638:2012)
- prEN ISO 16610-60 en
Geometrical Product Specification (GPS) – Filtration – Part 60: Linear areal filters: Basic concepts (ISO/DIS 16610-60)
- prEN ISO 16610-61 en
Geometrical Product Specification (GPS) – Filtration – Part 61: Linear areal filters – Gaussian filters (ISO/DIS 16610-61:2012)

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

- EN 1650:2008/FprA1 en
Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas – Test method and requirements (phase 2, step 1)
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za procjenu fungicidne djelotvornosti ili djelotvornosti protiv kvasaca kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u područjima prehrane, industrije, domaćinstava i ustanova – Ispitna metoda i zahtjevi (faza 2, korak 1)
- prEN 16437 en
Chemical disinfectants and antiseptics – Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in veterinary area on porous surfaces without mechanical action – Test method and requirements (phase 2, step2)
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za procjenu baktericidne djelotvornosti kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u veterini u području poroznih površina bez mehaničkog djelovanja – Metoda ispitivanja i zahtjevi (faza 2, korak 2)

prEN 16438 en
Chemical disinfectants and antiseptics – Quantitative surface test for the evaluation of fungicidal or yeastcidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action – (phase 2, step 2)
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za procjenu fungicidne djelotvornosti ili djelotvornosti protiv kvasaca kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u veterini u području neporoznih površina bez mehaničkog djelovanja – (faza 2, korak 2)

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

prEN 16480 en
Pumps – Minimum required efficiency of rotodynamic water pumps
Pumpe – Minimalni potrebni zahtjevi za rotacijske pumpe za vodu

HZN/TO 543, Poštanske usluge

CEN/TR 15524:2011 en
Postal services – Customer-directed information including track and trace – General concepts and definitions
Poštanske usluge – Korisnik – Usmjerenja informacija uključujući sustav praćenja i traženja – Opći pojmovi i definicije

CEN/TS 16316:2012 en
Postal services – Open interface – Sortplan
Poštanske usluge – Otvoreno sučelje – Plan sortiranja

HZN/TO 544, Strojni elementi

EN ISO 898-1:2013 en
Mechanical properties of fasteners made of carbon steel and alloy steel – Part 1: Bolts, screws and studs with specified property classes – Coarse thread and fine pitch thread (ISO 898-1:2013)
Mehanička svojstva spojnih elemenata izrađenih od ugljičnih i legiranih čelika – 1. dio: Vijci i svorni vijci propisanog razreda čvrstoće – Grubi i fini navoj (ISO 898-1:2013)

EN ISO 4032:2012 en
Hexagon regular nuts (style 1) – Product grades A and B (ISO 4032:2012)
Šesterokutne matice, tip 1 – Proizvod kvalitete izrade A i B (ISO 4032:2012)

EN ISO 4033:2012 en
Hexagon high nuts (style 2) – Product grades A and B (ISO 4033:2012)
Šesterokutne visoke matice, tip 2 – Proizvod kvalitete izrade A i B (ISO 4033:2012)

EN ISO 4034:2012 en
Hexagon regular nuts (style 1) – Product grade C (ISO 4034:2012)
Šesterokutne matice – Proizvod kvalitete izrade C (ISO 4034:2012)

EN ISO 4035:2012 en
Hexagon thin nuts chamfered (style 0) – Product grades A and B (ISO 4035:2012)
Šesterokutne niske matice obrađenih bridova, tip 0 – Proizvod kvalitete izrade A i B (ISO 4035:2012)

EN ISO 4036:2012 en
Hexagon thin nuts unchamfered (style 0) – Product grade B (ISO 4036:2012)
Šesterokutne niske matice neobrađenih bridova, tip 0 – Proizvod kvalitete izrade B (ISO 4036:2012)

EN ISO 7040:2012 en
Prevailing torque type hexagon regular nuts (with non-metallic insert) – Property classes 5, 8 and 10 (ISO 7040:2012)

Šesterokutne matice osigurane od odvijanja nemetalnim uloškom – Razred čvrstoće 5, 8 i 10 (ISO 7040:2012)

EN ISO 7042:2012 en
Prevailing torque type all-metal hexagon high nuts – Property classes 5, 8, 10 and 12 (ISO 7042:2012)
Šesterokutna visoka matica osigurana od odvijanja – Razred čvrstoće 5, 8, 10 i 12 (ISO 7042:2012)

EN ISO 7719:2012 en
Prevailing torque type all-metal hexagon regular nuts – Property classes 5, 8 and 10 (ISO 7719:2012)
Šesterokutne matice s osiguranjem od odvijanja u cijelosti izrađene od metala – Razredi čvrstoće 5, 8 i 10 (ISO 7719:2012)

EN ISO 8673:2012 en
Hexagon regular nuts (style 1) with metric fine pitch thread – Product grades A and B (ISO 8673:2012)
Šesterokutne pravilne matice, tip 1, s finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO 8673:2012)

EN ISO 8674:2012 en
Hexagon high nuts (style 2) with metric fine pitch thread – Product grades A and B (ISO 8674:2012)
Šesterokutne visoke matice, tip 2, s finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO 8674:2012)

EN ISO 8675:2012 en
Hexagon thin nuts chamfered (style 0) with metric fine pitch thread – Product grades A and B (ISO 8675:2012)
Šesterokutne niske skošene matice tip 1 s finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO 8675:2012)

EN ISO 10511:2012 en
Prevailing torque type hexagon thin nuts (with non-metallic insert) (ISO 10511:2012)
Šesterokutna niska matica osigurana od odvijanja nemetalnim uloškom (ISO 10511:2012)

EN ISO 10512:2012 en
Prevailing torque type hexagon regular nuts (with non-metallic insert) with metric fine pitch thread – Property classes 6, 8 and 10 (ISO 10512:2012)
Šesterokutna matica osigurana od odvijanja nemetalnim uloškom, fini metrički navoj – Razred čvrstoće materijala 6, 8 i 10 (ISO 10512:2012)

EN ISO 10513:2012 en
Prevailing torque type all-metal hexagon high nuts with metric fine pitch thread – Property classes 8, 10 and 12 (ISO 10513:2012)
Šesterokutna visoka matica osigurana od odvijanja, fini metrički navoj – Razred čvrstoće 8, 10 i 12 (ISO 10513:2012)

HZN/TO 550, Opskrba vodom

prEN 900 rev en
Chemicals used for treatment of water intended for human consumption – Calcium hypochlorite
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Kalcijev hipoklorit

HZN/TO 551, Gradnja

ISO 15686-2:2012 en
Buildings and constructed assets – Service life planning – Part 2: Service life prediction procedures
Zgrade i druge građevine – Planiranje vijeka uporabe – 2. dio: Postupci predviđanja vijeka uporabe

HZN/TO 553, Predgotovljeni proizvodi

prEN 35 en
Pedestal and wall-hung bidets with over-rim supply – Connecting dimensions

HZN/TO 554, *Obrada otpadnih voda*

- prEN 1124-2 en
Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems – Part 2: System S – Dimensions
Cijevi i spojni dijelovi od uzdužno zavarenih cijevi od nehrđajućeg čelika s ravnim krajevima i naglavkom za sustave otpadnih voda – 2. dio: Sustav S – Dimenzije
- prEN 12050-1 en
Wastewater lifting plants for buildings and sites – Part 1: Lifting plants for wastewater containing faecal matter
Postrojenje za podizanje otpadne vode za zgrade i terene – 1. dio: Postrojenje za podizanje otpadne vode koja sadrži fekalne tvari
- prEN 12050-2 en
Wastewater lifting plants for buildings and sites – Part 2: Lifting plants for faecal-free wastewater
Postrojenja za podizanje otpadnih voda za zgrade i terene – 2. dio: Postrojenje za podizanje otpadnih voda bez fekalija
- prEN 12050-3 en
Wastewater lifting plants for buildings and sites – Part 3: Lifting plants for limited applications
Postrojenje za podizanje otpadnih voda za zgrade i terene – 3. dio: Postrojenje za ograničenu primjenu
- prEN 12050-4 en
Wastewater lifting plants for buildings and sites – Part 4: Non-return valves for faecal-free wastewater and wastewater containing faecal matter
Postrojenje za podizanje otpadne vode za zgrade i terene – 4. dio: Nepovratni zaporni uređaji za otpadnu vodu bez fekalija i otpadnu vodu koja sadrži fekalne tvari
- prEN 14654-1 en
Management and control of operational activities in drain and sewer systems outside buildings – Part 1: Cleaning

HZN/TO 555, *Medicinski proizvodi*

- EN 1041:2008/FprA1 en
Information supplied by the manufacturer of medical devices
Informacije koje daje proizvođač medicinskih proizvoda
- FprEN ISO 11137-2 en
Sterilization of health care products – Radiation – Part 2: Establishing the sterilization dose (ISO/FDIS 11137-2:2013)
Sterilizacija proizvoda za zdravstvenu skrb – Zračenje – 2. dio: Utemeljenje doze za sterilizaciju (ISO/FDIS 11137-2:2013)
- FprEN ISO 20857 en
Sterilization of health care products – Dry heat – Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO 20857:2010)
Sterilizacija proizvoda za zdravstvenu skrb – Suha toplina – Zahtjevi za provedbu, vrednovanje i rutinsku kontrolu sterilizacije medicinskih proizvoda (ISO 20857:2010)

HZN/TO 556, *Osobna zaštitna oprema*

- prEN 353-1 rev en
Personal fall protection equipment – Guided type fall arresters including an anchor line – Part 1: Guided type fall arresters including a rigid anchor line
Osobna zaštitna oprema protiv pada s visine – Naprave za zaustavljanje pada s vodilicom uključujući sidrenu liniju – 1. dio: Naprave za zaustavljanje pada s vodilicom uključujući čvrstu sidrenu liniju

EN 795:2012 en

Personal fall protection equipment – Anchor devices
Osobna zaštitna oprema protiv pada s visine – Sidrene naprave

HZN/TO 557, *Zaštitna odjeća*

- prEN 469 en
Protective clothing for firefighters – Performance requirements for protective clothing for firefighting
Zaštitna odjeća za vatrogasce – Zahtjevi za svojstva zaštitne odjeće za gašenje požara
- prEN 943-2 en
Protective clothing against solid, liquid and gaseous chemicals, including liquid and solid aerosols – Part 2: Performance requirements for gas-tight (Type 1) chemical protective suits for emergency teams (ET)
Odjeća za zaštitu od čvrstih, tekućih i plinovitih kemikalija, uključujući i tekuće i čvrste aerosole – 2. dio: Zahtjevi na svojstva za "plinonepropusna" (tip 1) kemijska zaštitna odijela za spasilačke skupine (ET)

HZN/TO 560, *Tekstilni proizvodi*

- prEN 14682 en
Safety of children's clothing – Cords and drawstrings on children's clothing – Specifications
Sigurnost dječje odjeće – Gajtani i vezice na dječjoj odjeći – Specifikacije
- prEN 15619 en
Rubber or plastic coated fabrics – Safety of temporary structures (tents) – Specification for coated fabrics intended for tents and related structures
Tkanine presvučene gumom ili plastičnim masama – Sigurnost privremenih građevina (šatori) – Specifikacije za presvučene tkanine namijenjene za šatore i slične građevine

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

- prEN ISO 10286 rev en
Gas cylinders – Terminology (ISO/DIS 10286:2013)
Plinske boce – Nazivlje (ISO/DIS 10286:2013)
- prEN ISO 11120 rev en
Gas cylinders – Refillable seamless steel tubes of water capacity between 150 l and 3000 l – Design construction and testing (ISO/DIS 11120:2012)
Plinske boce – Ponovno punjive, bešavne čelične cijevi, vodenog kapaciteta od 150 do 3000 l – Projektiranje, izrada i ispitivanje (ISO/DIS 11120:2012)
- EN ISO 13341:2010/prA1 en
Gas cylinders – Fitting of valves to gas cylinders – Amendment 1 (ISO 13341:2010/DAM 1:2013)
Plinske boce – Ugradnja ventila u plinske boce – Amandman 1 (ISO 13341:2010/DAM 1:2013)
- prEN 13445-8 en
Unfired pressure vessels – Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys
Neložene tlačne posude – 8. dio: Dodatni zahtjevi za tlačne posude izrađene od aluminija i aluminijevih legura
- EN 13480-2:2012/FprA1 en
Metallic industrial piping – Part 2: Materials
Metalni industrijski cjevovodi – 2. dio: Materijali
- FprEN 14841 en
LPG equipment and accessories – Discharge procedures for LPG rail tankers
Oprema i pribor za UNP – Postupci pražnjenja željezničkih cisterna za UNP

HZN/TO 562, *Alatni strojevi i alati*

- prEN 289 rev en
Plastics and rubber machines – Compression moulding machines and transfer moulding machines – Safety requirements
- EN 1807-1:2013 en
Safety of woodworking machines – Band sawing machines – Part 1: Table band saws and band re-saws
- EN 1807-2:2013 en
Safety of woodworking machines – Band sawing machines – Part 2: Log sawing machines
- prEN 1870-3 en
Safety of woodworking machines – Circular sawing machines – Part 3: Down cutting cross-cut saws and dual purpose down cutting cross-cut saws/circular saw benches
Sigurnost strojeva za obradu drva – Kružne pile – 3. dio: Pile za poprečno prepiljivanje i dvonamjenske pile za poprečno rezanje/stolovi kružnih pila
- prEN 1870-6 rev en
Safety of woodworking machines – Circular sawing machines – Part 6: Circular sawing machines for fire wood
Sigurnost strojeva za obradu drveta – Kružne pile – 6. dio: Kružne pile za ogrjevno drvo
- EN ISO 11148-3:2012 en
Hand-held non-electric power tools – Safety requirements – Part 3: Drills and tappers (ISO 11148-3:2012)
- EN ISO 11148-4:2012 en
Hand-held non-electric power tools – Safety requirements – Part 4: Non-rotary percussive power tools (ISO 11148-4:2012)
- EN ISO 11148-6:2012 en
Hand-held non-electric power tools – Safety requirements – Part 6: Assembly power tools for threaded fasteners (ISO 11148-6:2012)
- EN ISO 11148-7:2012 en
Hand-held non-electric power tools – Safety requirements – Part 7: Grinders (ISO 11148-7:2012)
- prEN 16474 en
Plastics and rubber machines – Tyre curing presses – Safety requirements

HZN/TO 564, *Uljarice, biljna i životinjska ulja i masti*

- FprEN ISO 3657 rev en
Animal and vegetable fats and oils – Determination of saponification value (ISO/FDIS 3657:2013)
Životinjske i biljne masti i ulja – Određivanje broja osapunjenja (ISO/FDIS 3657:2013)
- FprEN ISO 3961 rev en
Animal and vegetable fats and oils – Determination of iodine value (ISO/FDIS 3961:2013)
Životinjske i biljne masti i ulja – Određivanje jednog broja (ISO/FDIS 3961:2013)
- EN ISO 9167-1:1995/FprA1 en
Rapeseed – Determination of glucosinolates content – Part 1: Method using high-performance liquid chromatography – Amendment 1 (ISO 9167-1:1992/FDAM 1:2013)
Repičino sjeme – Određivanje udjela glukozinolata – 1. dio: Metoda tekućinske kromatografije visokog učinka – Amandman 1 (ISO 9167-1:1992/FDAM 1:2013)
- prEN ISO 12228-2 rev en
Determination of individual and total sterols contents – Gas chromatographic method – Part 2: Olive and olive pomace oils (ISO/DIS 12228:2012)

HZN/TO 566, *Mlijeko i mliječni proizvodi*

- prEN ISO 11816-1 rev en
Milk and milk products – Determination of alkaline phosphatase activity – Part 1: Fluorimetric method for milk and milk-based drinks (ISO/DIS 11816-1:2012)
Mlijeko i mliječni proizvodi – Određivanje aktivnosti alkalne fosfataze – 1. dio: Fluorometrijska metoda za mlijeko i napitke na osnovi mlijeka (ISO/DIS 11816-1:2012)

HZN/TO 567, *Meso, proizvodi ribarstva i akvakultura*

- ISO 12878:2012 en
Environmental monitoring of the impacts from marine finfish farms on soft bottom
Praćenje utjecaja uzgajališta morskih riba koštunjača na mekano morsko dno

HZN/TO 568, *Analize hrane - Horizontalne metode*

- prEN ISO 11133 en
Microbiology of food, animal feeding stuffs and water – Preparation, production, storage and performance testing of culture media (ISO/DIS 11133:2012)
Mikrobiologija hrane, hrane za životinje i vode – Priprema, proizvodnja, skladištenje i ispitivanje hranjive podloge (ISO/DIS 11133:2012)
- prEN 13805 en
Foodstuffs – Determination of trace elements – Pressure digestion
Hrana – Određivanje elemenata i njihovih kemijskih vrsta – Razgradnja pod tlakom
- FprCEN ISO/TS 15216-1 en
Microbiology of food and animal feed – Horizontal method for detection of hepatitis A virus and norovirus in food using real-time RT-PCR – Part 1: Method for quantitative determination (ISO/DTS 15216-1:2012)
Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti virusa hepatitisa A i norovirusa u hrani upotrebom RT-PCR u stvarnom vremenu – 1. dio: Metoda za kvantitativno određivanje (ISO/DTS 15216-1:2012)
- FprCEN ISO/TS 15216-2 en
Microbiology of food and animal feed – Horizontal method for detection of hepatitis A virus and norovirus in food using real-time RT-PCR – Part 2: Method for qualitative detection (ISO/DTS 15216-2:2012)
Mikrobiologija hrane i hrane za životinje – Horizontalna metoda za dokazivanje prisutnosti virusa hepatitisa A i norovirusa u hrani upotrebom RT-PCR u stvarnom vremenu – 2. dio: Metoda za kvalitativno dokazivanje prisutnosti (ISO/DTS 15216-2:2012)
- prEN ISO 16140-1 rev en
Microbiology of food and animal feed – Method validation – Part 1: Vocabulary (ISO/DIS 16140-1:2013)
Mikrobiologija hrane i hrane za životinje – Validacija metode – 1. dio: Rječnik (ISO/DIS 16140-1:2013)
- prEN ISO 16140-2 rev en
Microbiology of food and animal feed – Method validation – Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method (ISO/DIS 16140-2:2013)
Mikrobiologija hrane i hrane za životinje – Validacija metode – 2. dio: Protokol za validaciju alternativnih metoda prema referentnoj metodi (ISO/DIS 16140-2:2013)

prEN 16187 en
Foodstuffs – Determination of fumonisin B1 and fumonisin B2 in processed maize containing foods for infants and young children – HPLC method with immunoaffinity column cleanup and fluorescence detection after precolumn derivatisation
Hrana – Određivanje fumonizina B1 i fumonizina B2 u prerađenoj hrani za dojenčad i malu djecu koja sadrži kukuruz – HPLC metoda s pročišćavanjem na imunoafinitetnoj koloni i fluorescentnom dokazivanjem prisutnosti nakon pretkolonske derivatizacije

prEN ISO 16649-3 en
Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of beta-glucuronidase-positive *Escherichia coli* – Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl- β -D-glucuronide (ISO/DIS 16649-3:2013)

Mikrobiologija hrane i hrane za životinje – Određivanje broja β -glukuronidaza pozitivne bakterije *Escherichia coli* – 3. dio: Dokazivanje prisutnosti i postupak određivanja najvjerojatnijeg broja upotrebom 5-bromo-4-kloro-3-indolil- β -D-glukuronida (ISO/DIS 16649-3:2013)

prEN ISO 17468 en
Microbiology of food and animal feed – Technical requirements and guidance on establishment or revision of standard methods (ISO/DIS 17468:2013)
Mikrobiologija hrane i hrane za životinje – Tehnički zahtjevi i upute o uspostavljanju ili reviziji standardnih metoda (ISO/DIS 17468:2013)

FprCEN ISO/TS 17728 en
Microbiology of food and animal feed – Sampling techniques for microbiological analysis of food and feed samples (ISO/DTS 17728:2013)

Mikrobiologija hrane i hrane za životinje – Tehnike uzimanja uzoraka hrane i hrane za životinje za mikrobiološku analizu (ISO/DTS 17728:2013)

FprCEN ISO/TS 17919 en
Microbiology of food, animal feed, and environmental samples – Polymerase chain reaction (PCR) for the detection of food-borne pathogens – Detection of botulinum type A, B, E, and F neurotoxin-producing clostridia (ISO/DTS 17919:2012)

Mikrobiologija hrane, hrane za životinje i uzoraka okoliša – Upotreba lančane reakcije polimerazom za dokazivanje prisutnosti patogena koji se prenose hranom – Dokazivanje prisutnosti klostridija koji proizvode neurotoksin botulin tipa A, B, E i F (ISO/DTS 17919:2012)

HZN/TO 569, Hrana za životinje

EN ISO 6498:2012 en
Animal feeding stuffs – Guidelines for sample preparation (ISO 6498:2012)
Hrana za životinje – Priprema uzoraka za ispitivanje (ISO 6498:2012)

HZN/TO 570, Sustavi upravljanja energijom

prEN 16247-2 en
Energy audits – Part 2: Buildings

prEN 16247-3 en
Energy audits – Part 3: Processes

prEN 16247-4 en
Energy audits – Part 4: Transport

HZN/TO 571, Oprema za sport, igrališta i rekreaciju

FprEN 748 en
Playing field equipment – Football goals – Functional and safety requirements, test methods
Oprema za sportska igrališta – Nogometni golovi – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja

prEN 958 en
Mountaineering equipment – Energy absorbing systems for use in klettersteig (via ferrata) climbing – Safety requirements and test methods

prEN 1176-11 rev en
Playground equipment and surfacing – Part 11: Additional specific safety requirements and test methods for spatial network
Oprema za igrališta i igrališna površina – 11. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za prostorne mreže

prEN 1809 en
Diving equipment – Buoyancy compensators – Functional and safety requirements; test methods

FprEN 12503-4 en
Sports mats – Part 4: Determination of shock absorption

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

prEN 13451-11 en
Swimming pool equipment – Part 11: Additional specific safety requirements and test methods for movable pool floors and movable bulkheads

EN 15649-1:2009+A1:2012/FprA2 en
Floating leisure articles for use on and in the water – Part 1: Classification, materials, general requirements and test methods

EN 15649-2:2009+A2:2013 en
Floating leisure articles for use on and in the water – Part 2: Consumer information

EN 15649-6:2009/FprA1 en
Floating leisure articles for use on and in the water – Part 6: Additional specific safety requirements and test methods for Class D devices

HZN/TO E2, Rotacijski strojevi

FprEN 60034-2-1:2013 en
Rotating electrical machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles) (IEC 60034-2-1:201X)
Rotacijski električni strojevi – Dio 2-1: Normirane metode određivanja gubitaka i korisnosti ispitivanjima (isključujući strojeve za vučna vozila) (IEC 60034-2-1:201X)

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom

FprEN 50438:2013 en
Requirements for the connection of micro-generators in parallel with public low-voltage distribution networks
Zahtjevi za priključak mikrogeneratora na javne niskonaponske distribucijske mreže

HZN/TO E9, Električna oprema za željeznicu

prEN 50126-1:2012 en
Railway applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Generic RAMS process

prEN 50126-2:2012 en
Railway applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 2: Systems approach to safety

prEN 50126-4:2012 en
Railway applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 4: Functional Safety – Electrical/Electronic/Programmable electronic systems

prEN 50126-5:2012 en
Railway applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 5: Functional Safety – Software

HZN/TO E14, Energetski transformatori

EN 61378-1:2011 en
Convertor transformers – Part 1: Transformers for industrial applications (IEC 61378-1:2011)
Pretvarački transformatori – 1. dio: Transformatori za primjene u industriji (IEC 61378-1:2011)

IEC 62032:2012 en
Guide for the Application, Specification and Testing of Phase-Shifting Transformers
Upute za primjenu, određivanje značajka i ispitivanje transformatora za zakretanje faze

HZN/TO E17, Sklopni i upravljački uređaji

EN 60947-5-5:1997/A11:2013 en
Low-voltage switchgear and controlgear – Part 5-5: Control circuit devices and switching elements – Electrical emergency stop device with mechanical latching function
Niskonaponska sklopna aparatura – Dio 5-5: Aparati za upravljačke strujne krugove i sklopni elementi – Električni aparati za zaustavljanje u nevolji sa zaporom

EN 60947-6-1:2005/FprA1:2012 en
Low-voltage switchgear and controlgear – Part 6-1: Multiple function equipment – Transfer switching equipment (IEC 60947-6-1:2005/am1:201X)
Niskonaponska sklopna aparatura – Dio 6-1: Višefunkcijska oprema – Sklopna oprema za automatsko prespajanje (IEC 60947-6-1:2005/am1:201X)

EN 62271-109:2009/FprA1:2013 en
High-voltage switchgear and controlgear – Part 109: Alternating-current series capacitor by-pass switches (IEC 62271-109:2008/am1:201X)
Visokonaponska sklopna aparatura – 109. dio: Sklopke izmjenične struje za premoštenje serijskog kondenzatora (IEC 62271-109:2008/am1:201X)

FprEN 62626-1:2012 en
Low-voltage switchgear and controlgear enclosed equipment – Part 1: Enclosed switch outside the scope of IEC 60947-3 for various applications, to provide isolation of electrical equipment during repair and maintenance work (IEC 62626-1)

HZN/TO E20, Električni kabeli

HD 603 S2:201X en
Distribution cables of rated voltage 0, 6/1 kV
Distribucijski kabeli nazivnog napona 0,6/1 kV

HD 632 S3:201X en
Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um = 42 kV) up to 150 kV (Um = 170 kV)
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone iznad 36 kV (Um = 42 kV) do 150 kV (Um = 170 kV)

prEN 50565-2:2012 en
Electric cables – Guide to use for cables with a rated voltage not exceeding 450/750 V – Part 2: Specific guidance related to EN 50525 cable types

HZN/TO E23, Električni instalacijski pribor

EN 60670-1:2005/A1:2013 en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 1: General requirements (IEC 60670-1:2002/am1:2011, MOD)
Kutije i kućišta za električne pribore za kućanstvo i slične stalne električne instalacije – 1. dio: Opći zahtjevi (IEC 60670-1:2002/am1:2011, MOD)

EN 60670-24:2013 en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment (IEC 60670-24:2011, MOD)

EN 61386-1:2008/FprA1:2012 en
Conduit systems for cable management – Part 1: General requirements (IEC 61386-1:2008/am1:201X)
Sustavi cijevi za vođenje kabela – 1. dio: Opći zahtjevi (IEC 61386-1:2008/am1:201X)

HZN/TO E31, Eksplozivne atmosfere

prEN 16447 en
Explosion isolation flap valves

FprEN 60079-14:2012 en
Explosive atmospheres – Part 14: Electrical installations design, selection and erection (IEC 60079-14:201X)
Eksplozivne atmosfere – 14. dio: Projektiranje, odabir i izvođenje električnih instalacija (IEC 60079-14:201X)

FprEN 60079-17:2012 en
Explosive atmospheres – Part 17: Electrical installations inspection and maintenance (IEC 60079-17:201X)
Eksplozivne atmosfere – 17. dio: Pregled i održavanje električnih instalacija (IEC 60079-17:201X)

prEN ISO/IEC 80079-38 en
Explosive atmospheres – Part 38: Equipment and components in explosive atmospheres in underground mines (ISO/IEC/DIS 80079-38:2012)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

EN 60081:1998/FprA5:2012 en
Double-capped fluorescent lamps – Performance specifications (IEC 60081:1997/am5:201X)
Fluorescentne cijevi s dvama podnošcima – Izvedbeni zahtjevi (IEC 60081:1997/am5:201X)

EN 62035:2000/FprA3:2012 en
Discharge lamps (excluding fluorescent lamps) – Safety specifications (IEC 62035:1999/am3:2012)
Žarulje s izbojem (osim fluorescentnih cijevi) – Sigurnosni zahtjevi (IEC 62035:1999/am3:2012)

FprEN 62707-1:2012 en
LED – Binning – Part 1: General requirements and white grid (IEC 62707-1:201X)

HZN/TO E45, Nuklearna instrumentacija

EN 62387-1:2012 en
Radiation protection instrumentation – Passive integrating dosimetry systems for environmental and personal monitoring – Part 1: General characteristics and performance requirements (IEC 62387-1:2007, MOD)
Instrumentacija u zaštiti od zračenja – Pasivni integrirajući dozimetrijski sustavi za nadziranje okoliša i osoba – 1. dio: Opće karakteristike i izvedbeni zahtjevi (IEC 62387-1:2007, MOD)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

FprEN 61970-452:2012 en
Energy Management System Application Program Interface (EMS-API) – Part 452: CIM static transmission network model profiles (IEC 61970-452:201X)

FprEN 61970-453:2012 en
Energy Management System Application Program Interface (EMS-API) – Part 453: Diagram Layout Profile (IEC 61970-453:2012)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

- EN 60335-2-6:2003/A13:2013 en
Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-6: Posebni zahtjevi za nepomične štednjake, kuhala, pećnice i slične aparate
- EN 60335-2-76:2005/prAF:2012 en
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde
- EN 60335-2-76:2005/prAG:2012 en
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde
- EN 60335-2-8:2003/FprAB:2012 en
Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-8: Posebni zahtjevi za brijala, šišala i slične aparate

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

- EN 50110-1:2013 en
Operation of electrical installations – Part 1: General requirements

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

- FprEN 62734:2012 en
Industrial communication networks – Wireless communication network and communication profiles – ISA 100.11a (IEC 62734:201X)

HZN/TO E88, Vjetroagregati

- FprEN 61400-2:2012 en
Wind turbines – Part 2: Small wind turbines (IEC 61400-2:201X)

HZN/TO E95, Mjerni releji i zaštitna oprema

- FprEN 60255-27:2012 en
Measuring relays and protection equipment – Part 27: Product safety requirements (IEC 60255-27:201X)
Mjerni releji i zaštitna oprema – 27. dio: Zahtjevi na sigurnost proizvoda (IEC 60255-27:201X)
- FprEN 60255-121:2012 en
Measuring relays and protection equipment – Part 121: Functional requirements for distance protection (IEC 60255-121:201X)

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

- EN 61883-8:2009/FprA1:2012 en
Consumer audio/video equipment – Digital interface – Part 8: Transmission of ITU-R BT.601 style digital video data (IEC 61883-8:2008/am1:201X)
Audio/video oprema za široku potrošnju – Digitalno sučelje – 8. dio: Prijenos podataka digitalnog videa stila ITU-R BT.601 (IEC 61883-8:2008/am1:201X)
- FprEN 62379-5-2:2012 en
Common control interface for networked digital audio and video products – Part 5-2: Transmission over networks – Signalling (IEC 62379-5-2:201X)

- FprEN 62394:2012 en
Service diagnostic interface for consumer electronics products and networks – Implementation for ECHONET (IEC 62394:201X)

- EN 62516-3:2013 en
Terrestrial digital multimedia broadcasting (T-DMB) receivers – Part 3: Common API (IEC 62516-3:2013)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

- EN 50492:2008/prAA:2012 en
Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations
Osnovna norma za in-situ mjerenja jakosti elektromagnetskog polja s obzirom na izloženost ljudi u blizini baznih postaja

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

- EN 60112:2003/A1:2009 en
Method for the determination of the proof and the comparative tracking indices of solid insulating materials (IEC 60112:2003/am1:2009)
Metode za određivanje ispitnog i komparativnog indeksa kliznih struja krutih izolacijskih materijala (IEC 60112:2003/am1:2009)
- EN 60212:2011 en
Standard conditions for use prior to and during the testing of solid electrical insulating materials (IEC 60212:2010)
Normirani uvjeti rada prije i za vrijeme ispitivanja krutih električnih izolacijskih materijala (IEC 60212:2010)
- EN 60505:2011 en
Evaluation and qualification of electrical insulation systems (IEC 60505:2011)
Procjena i ocjenjivanje električnih izolacijskih sustava (IEC 60505:2011)
- FprEN 60544-1:2013 en
Electrical insulating materials – Determination of the effects of ionizing radiation – Part 1: Radiation interaction and dosimetry (IEC 60544-1:201X)
Električni izolacijski materijali – Određivanje učinka ionizacijskog zračenja – 1. dio: Uzajamno djelovanje zračenja i dosimetrija (IEC 60544-1:201X)
- EN 61857-21:2009 en
Electrical insulation systems – Procedures for thermal evaluation – Part 21: Specific requirements for general-purpose models – Wire-wound applications (IEC 61857-21:2009)
Električni izolacijski sustavi – Postupci za procjenu toplinskih svojstava – 21. dio: Posebni zahtjevi za model opće namjene – Primjena žičanih namota (IEC 61857-21:2009)
- EN 62631-1:2011 en
Dielectric and resistive properties of solid insulating materials – Part 1: General (IEC 62631-1:2011)
Dielektrična i otporna svojstva čvrstih izolacijskih materijala – 1. dio: Općenito (IEC 62631-1:2011)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

- prEN 50600-2-1:2012 en
Information technology – Data centre facilities and infrastructures – Part 2-1: Building construction
- prEN 50600-2-2:2012 en
Information technology – Data centre facilities and infrastructures – Part 2-2: Power distribution
- FprEN 50700:2013 en
Information technology – Premises distribution access network (PDAN) cabling to support deployment of optical broadband networks

HZNTO T4, Normizacija u telekomunikacijama

- ETSI/TS 102 042 V2.4.1:2013 en
Electronic Signatures and Infrastructures (ESI) – Policy requirements for certification authorities issuing public key certificates
Elektronički potpisi i infrastrukture (ESI) – Opća pravila za certifikacijska tijela koja izdaju certifikate s javnim ključem
- EN 300 113-1 V1.7.1:2011 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Land mobile service – Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector – Part 1: Technical characteristics and methods of measurement
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Kopnena pokretna služba – Radijska oprema namijenjena prijenosu podataka (i/ili govora) s konstantnom ili nekonstantnom modulacijskom ovojnicom i s antenskim spojnikom – 1. dio: Tehničke karakteristike i metode mjerenja
- EN 300 175-1 V2.4.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 1: Overview
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 1. dio: Opći pregled
- EN 300 175-2 V2.4.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 2: Physical Layer (PHL)
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 2. dio: Fizički sloj (PHL)
- EN 300 175-3 V2.4.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 3: Medium Access Control (MAC) layer
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 3. dio: Posredni sloj kontrole pristupa (MAC)
- EN 300 175-4 V2.4.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 4: Data Link Control (DLC) layer
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 4. dio: Sloj kontrole podatkovne veze (DLC)
- EN 300 175-5 V2.4.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 5: Network (NWK) layer
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 5. dio: Mrežni sloj (NWK)
- EN 300 175-6 V2.4.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 6: Identities and addressing
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 6. dio: Identiteti i adresiranje
- EN 300 175-7 V2.4.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 7: Security features
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 7. dio: Sigurnosna obilježja
- EN 300 175-8 V2.4.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 8: Speech and audio coding and transmission
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 8. dio: Kodiranje i prijenos govora i audio signala
- EN 300 176-2 V2.2.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Test specification – Part 2: Audio and speech
Digitalne usavršene bežične telekomunikacije (DECT) – Ispitna specifikacija – 2. dio: Slušno i govorno
- EN 300 328 V1.8.1:2012 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Wideband transmission systems – Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
Elektromagnetska kompatibilnost i radiospektar (ERM) – Sustavi širokopolasnoga prijenosa – Oprema za prijenos podataka u ISM frekvencijskom pojasu 2,4 GHz s modulacijskim tehnikama širokoga pojasa – Harmonizirana EN norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE
- EN 300 392-3-3 V1.3.1:2011 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 3: Additional Network Feature Group Call (ANF-ISIGC)
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 3. dio: Uzajamno djelovanje na međusustavnome sučelju (ISI) – 3. poddio: Dodatna mrežna funkcija grupnoga poziva (ANF-ISIGC)
- EN 300 392-3-4 V1.3.1:2010 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 4: Additional Network Feature Short Data Service (ANF-ISISDS)
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 3. dio: Uzajamno djelovanje na međusustavnome sučelju (ISI) – 4. poddio: Dodatna mrežna funkcija kratkoga podatkovnog servisa (ANF-ISISDS)
- EN 300 392-7 V3.3.1:2012 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 7: Security
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 7. dio: Sigurnost
- EN 300 392-9 V1.5.1:2012 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 9: General requirements for supplementary services
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 9. dio: Opći zahtjevi za dodatne usluge
- EN 300 392-12-20 V1.2.1:2012 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 20: Discreet Listening (DL)
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 12. dio: 3. stupanj dodatnih usluga – 20. poddio: Diskretno slušanje (DL)
- EN 300 392-12-21 V1.4.1:2011 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 21: Ambience Listening (AL)
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 12. dio: 3. stupanj dodatnih usluga – 21. poddio: Ambijentno slušanje (AL)
- EN 300 392-12-21 V1.5.1:2012 en
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Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 12. dio: 3. stupanj dodatnih usluga – 21. poddio: Okružje slušanja (AL)

- EN 300 392-12-23 V1.2.1:2012 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 23: Call Completion on No Reply (CCNR)
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 12. dio: 3. stupanj dodatnih usluga – 23. poddio: Završetak neodgovorenoga poziva (CCNR)
- EN 300 392-12-4 V1.3.1:2012 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 4: Call Forwarding (CF)
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 12. dio: 3. stupanj dodatnih usluga – 4. poddio: Prosljeđivanje poziva (CF)
- EN 300 392-12-8 V1.2.1:2010 en
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 8: Area Selection (AS)
Terestrijalni trunking radio (TETRA) – Glas i podatci (V+D) – 12. dio: 3. stupanj dodatnih usluga – 8. poddio: Odabir područja (AS)
- EN 300 394-1 V3.2.1:2012 en
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Terestrijalni TETRA radio – Specifikacija ispitivanja usklađenosti – 1. dio: Radio
- EN 300 396-6 V1.5.1:2012 en
Terrestrial Trunked Radio (TETRA) – Direct Mode Operation (DMO) – Part 6: Security
Terestrijalni trunking radio (TETRA) – Izravan način rada (DMO) – 6. dio: Sigurnost
- EN 300 433-1 V1.3.1:2011 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Citizens' Band (CB) radio equipment – Part 1: Technical characteristics and methods of measurement
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Radijska oprema u građanskome pojasu (CB) – 1. dio: Tehničke karakteristike i metode ispitivanja
- EN 300 444 V2.3.1:2012 en
Digital Enhanced Cordless Telecommunications (DECT) – Generic Access Profile (GAP)
Digitalne poboljšane bežične telekomunikacije (DECT) – Generički pristupni profil (GAP)
- EN 300 468 V1.13.1:2012 en
Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems
Digitalna videodifuzija (DVB) – Specifikacija za informacijsku uslugu (SI) u sustavima DVB
- EN 300 609-4 V10.2.1:2012 en
Global System for Mobile communications (GSM) – Part 4: Harmonized EN for GSM Repeaters covering the essential requirements of article 3.2 of the R&TTE Directive
Globalni sustav pokretnih komunikacija (GSM) – 4. dio: Harmonizirana EN norma za GSM repetitore koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE
- EN 301 025-1 V1.5.1:2011 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC) – Part 1: Technical characteristics and methods of measurement
Elektromagnetska kompatibilnost i radijski spektar (ERM) – VHF radiotelefonska oprema za opću komunikaciju i pridružena oprema za digitalni selektivni poziv (DSC) razreda D – 1. dio: Tehničke karakteristike i metode ispitivanja
- EN 301 178-1 V1.4.1:2011 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only) – Part 1: Technical characteristics and methods of measurement
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prenosiva VHF radiotelefonska oprema za pomorsku pokretnu službu u VHF pojasevima (samo za ne-GMDSS primjene) – Tehničke karakteristike i metode ispitivanja
- EN 301 489-4 V2.1.1:2012 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 and ancillary equipment
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma o elektromagnetskoj kompatibilnosti (EMC) za radijsku opremu i službe – 4. dio: Posebni uvjeti za nepokretne radijske veze i pomoćnu opremu
- EN 301 489-17 V2.2.1:2012 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 o elektromagnetskoj kompatibilnosti (EMC) za radijsku opremu – 17. dio: Posebni uvjeti za sustave širokopojsnoga prijenosa podataka
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Globalni sustav pokretnih komunikacija (GSM) – Harmonizirana EN norma za opremu bazne postaje koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE
- EN 301 559-1 V1.1.2:2012 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Low Power Active Medical Implants (LP-AMI) operating in the frequency range 2483,5 MHz to 2500 MHz – Part 1: Technical characteristics and test methods
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Aktivni implantati male snage (LP-AMI) u frekvencijskome području od 2483,5 MHz do 2500 MHz – 1. dio: Tehničke karakteristike i metode ispitivanja
- EN 301 649 V2.1.1:2010 en
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Digitalne poboljšane bežične telekomunikacije (DECT) – Paketna radijska usluga (DPRS)
- EN 301 842-2 V1.6.1:2011 en
VHF air-ground Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for ground-based equipment – Part 2: General description and data link layer
Radijska oprema mod 4 Digitalna VHF link (VDL) zrak-tlo – Tehničke karakteristike i metode mjerenja za zrakoplovnu opremu na tlu – 2. dio: Opći opis i sloj podatkovnog linka
- EN 301 842-3 V1.3.1:2011 en
VHF air-ground Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for ground-based equipment – Part 3: Additional broadcast aspects
Radijska oprema mod 4 Digitalni VHF link (VDL) zrak-tlo i zrak-zrak – Tehničke karakteristike i metode mjerenja za opremu smještenu na tlu zemlji – 3. dio: Dodatni vidovi radiodifuzije

- EN 301 843-1 V1.3.1:2012 en
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Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma o elektromagnetskoj kompatibilnosti (EMC) za pomorsku radijsku opremu i službe – 1. dio: Opći tehnički zahtjevi
- EN 301 908-2 V5.4.1:2012 en
IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
Celularne mreže IMT – Harmonizirana EN norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 2. dio: Korisnička oprema (UE) za CDMA s izravnim proširenjem (UTRA FDD)
- EN 301 908-18 V6.2.1:2012 en
IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)
Celularne IMT mreže – Harmonizirana EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 18. dio: E-UTRA, UTRA i GSM/EDGE višestandardna radijska (MSR) bazna postaja (BS)
- EN 302 208-1 V1.4.1:2011 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W – Part 1: Technical requirements and methods of measurement
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Oprema za radiofrekvencijsku identifikaciju u pojasu 865 MHz do 868 MHz s razinama snage do 2 W – Tehnički zahtjevi i metode ispitivanja
- EN 302 372-1 V1.2.1:2010 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Equipment for Detection and Movement – Tanks Level Probing Radar (TLPR) operating in the frequency bands 5,8 GHz, 10 GHz, 25 GHz, 61 GHz and 77 GHz – Part 1: Technical characteristics and test methods
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Oprema za otkrivanje i gibanje – Radar za ispitivanje razine u spremnicima (TLPR), koji radi u frekvencijskim pojasevima od 5,8 GHz, 10 GHz, 25 GHz, 61 GHz i 77 GHz – 1. dio: Tehničke karakteristike i metode ispitivanja
- EN 302 729-1 V1.1.2:2011 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Level Probing Radar (LPR) equipment operating in the frequency ranges 6 GHz to 8,5 GHz, 24,05 GHz to 26,5 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz – Part 1: Technical characteristics and test methods
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radarska oprema za ispitivanje razine (LPR) koja radi u frekvencijskim područjima od 6 GHz do 8,5 GHz, od 24,05 GHz do 26,5 GHz, od 57 GHz do 64 GHz, od 75 GHz do 85 GHz – 1. dio: Tehničke karakteristike i metode mjerenja
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Digital Video Broadcasting (DVB) – Frame structure channel coding and modulation for a second generation digital terrestrial television broadcasting system (DVB-T2)
Digitalna video radijska difuzija (DVB) – Struktura vremenskoga okvira kodiranja kanala i modulacija za drugu generaciju digitalne terestrijalne televizije radiodifuzijskoga sustava (DVB-T2)
- EN 302 755 V1.3.1:2012 en
Digital Video Broadcasting (DVB) – Frame structure channel coding and modulation for a second generation digital terrestrial television broadcasting system (DVB-T2)
Digitalna video radijska difuzija (DVB) – Okvirna struktura kanalnoga kodiranja i modulacije za drugu generaciju digitalnoga terestrijalnog sustava televizijske radijske difuzije (DVB-T2)
- EN 302 769 V1.2.1:2011 en
Digital Video Broadcasting (DVB) – Frame structure channel coding and modulation for a second generation digital transmission system for cable systems (DVB-C2)
Digitalna video radijska difuzija (DVB) – Okvir strukture kanala kodiranja i modulacije za drugu generaciju digitalnoga sustava prijenosa za kabelaške sustave (DVB-C2)
- EN 302 842-2 V1.3.1:2011 en
VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment – Part 2: General description and data link layer
Radijska oprema mod 4 Digitalni VHF link (VDL) zrak-tlo i zrak-zrak – Tehničke karakteristike i metode mjerenja za zrakoplovnu pokretnu (u zraku) opremu – 2. dio: Opći opis i sloj podatkovniog linka
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VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment – Part 3: Additional broadcast aspects
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- EN 302 858-1 V1.2.1:2011 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Road Transport and traffic Telematics (RTTT) – Short range radar equipment operating in the 24,05 GHz to 24,25 GHz frequency range for automotive application – Part 1: Technical characteristics and test methods
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Telematika cestovnoga prijevoza i prometa (RTTT) – Kratkodometna radarska oprema u frekvencijskome području od 24,05 GHz do 24,25 GHz za automotivacijsku primjenu – 1. dio: Tehničke karakteristike i metode mjerenja
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Access, Terminals, Transmission and Multiplexing (ATMM) – Third Generation Transmission Systems for Interactive Cable Television Services – IP Cable Modems – Part 1: General – DOCSIS 3.0
Pristup, terminali, prijenos i multipleksiranje (ATMM) – Treća generacija prijenosnih sustava za interaktivne usluge kabelaške televizije – IP kabelaški modemi – 1. dio: Opće – DOCSIS 3.0
- EN 302 878-2 V1.1.1:2011 en
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Pristup, terminali, prijenos i multipleksiranje (ATMM) – Prijenosni sustavi treće generacije za usluge interaktivne kabelaške televizije – Kabelaški modemi IP – 2. dio: Fizički sloj – DOCSIS 3.0

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Pristup, terminali, prijenos i multiplexiranje (ATTM) – Treća generacija prijenosnih sustava za interaktivne usluge kabelaške televizije – Kabelski modemi IP – 3. dio: Sučelje radiofrekvencijskog snižavanja – DOCSIS 3.0
- EN 302 878-4 V1.1.1:2011 en
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Pristup, terminali, prijenos i multiplexiranje (ATTM) – Treća generacija prijenosnih sustava za interaktivne usluge kabelaške televizije – Kabelski modemi IP – 4. dio: Protokoli koji se odnose na MAC i gornji sloj – DOCSIS 3.0
- EN 302 878-5 V1.1.1:2011 en
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Pristup, terminali, prijenos i multiplexiranje (ATTM) – Treća generacija prijenosnih sustava za interaktivne usluge kabelaške televizije – Kabelski modemi IP – 5. dio: Sigurnosne usluge – DOCSIS 3.0
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Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Part 1: Technical characteristics and methods of measurement
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prenosiva VHF radiotelefonska oprema za pomorsku pokretnu službu u VHF pojasevima s integriranim digitalnim selektivnim pozivom DSC razreda D – 1. dio: Tehničke karakteristike i metode ispitivanja
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Inteligentni transportni sustavi (ITS) – Komunikacije u prijevozu – Definicija geopodručja
- EN 303 213-1 V1.3.1:2012 en
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 1: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 1 including external interfaces
Smjernica i poboljšani sustav nadzora nad gibanjem po tlu (A-SMGCS) – 1. dio: Specifikacija zajednice za primjenu pravilnika EC 552/2004 o međudjelovanju pod jedinstvenim europskim nebom za 1. razinu A-SMGCS-a koja obuhvaća vanjska sučelja
- EN 303 213-2 V1.2.1:2012 en
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 2: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 2 including external interfaces
Smjernica i poboljšani sustav nadzora gibanja po tlu (A-SMGCS) – 2. dio: Specifikacija zajednice za primjenu pravilnika EC 552/2004 o međudjelovanju pod jedinstvenim europskim nebom za 2. razinu A-SMGCS-a koja obuhvaća vanjska sučelja
- EN 303 213-2 V1.3.1:2012 en
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 2: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 2 including external interfaces
Smjernica i poboljšani sustav nadzora nad gibanjem po tlu (A-SMGCS) – 2. dio: Specifikacija zajednice za primjenu pravilnika EC 552/2004 o međudjelovanju pod jedinstvenim europskim nebom za 2. razinu A-SMGCS-a koja obuhvaća vanjska sučelja
- EN 303 214 V1.1.1:2011 en
Data Link Services (DLS) System – Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 – Requirements for ground constituents and system testing
Sustav usluga podatkovne veze (DLS) – Specifikacija zajednice za primjenu pravilnika EC 552/2004 o međudjelovanju pod jedinstvenim europskim nebom – Zahtjevi za temeljne sastavnice i ispitivanje sustava
- EN 303 214 V1.2.1:2012 en
Data Link Services (DLS) System – Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 – Requirements for ground constituents and system testing
Sustav usluga podatkovne veze (DLS) – Specifikacija zajednice za primjenu pravilnika EC 552/2004 o međudjelovanju pod jedinstvenim europskim nebom – Zahtjevi za temeljne sastavnice i ispitivanje sustava

HZN/TO Z1, Informacijska tehnologija

- CEN/TS 15480-1:2012 en
Identification card systems – European Citizen Card – Part 1: Physical, electrical and transport protocol characteristics
Sustavi identifikacijskih kartica – Kartica građana Europe – 1. dio: Karakteristike fizičkih, električnih i prijenosnih protokola
- CEN/TS 16428:2012 en
Biometrics Interoperability profiles – Best Practices for slap tenprint captures
Obrasci biometrijske interoperabilnosti – Dobra praksa uzimanja otisaka svih prstiju s dlanova

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

- FprEN ISO/IEC 17067 en
Conformity assessment – Fundamentals of product certification and guidelines for product certification schemes (ISO/IEC/FDIS 17067:2013)

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

- EN 131-2:2010+A1:2012 en
Ladders – Part 2: Requirements, testing, marking
Ljestve – 2. dio: Zahtjevi, ispitivanje, označavanje
- prEN 16489-1 en
Professional indoor UV exposure services – Part 1: Requirements for the provision of training
- prEN 16582-1 en
Domestic swimming pools – Part 1: General requirements including safety and test methods
- prEN 16582-2 en
Domestic swimming pools – Part 2: Specific requirement including safety and test methods for inground pools
- prEN 16582-3 en
Domestic swimming pools – Part 3: Specific requirements including safety and test methods for aboveground pools

HZNTU I1, Strojarstvo 1

- EN 972:1998+A1:2010+AC:2011 en
Tannery machines – Reciprocating roller machines – Safety requirements
Strojevi za štavljenje kože – Strojevi s izmjenjivim valjcima – Sigurnosni zahtjevi
- EN 1679-1:1998+A1:2011 en
Reciprocating internal combustion engines – Safety – Part 1: Compression ignition engines
- prEN 16486 en
Machines for compacting waste materials or recyclable fractions – Compactors – Safety Requirements
- prEN 16500 en
Machines for compacting waste materials or recyclable fractions – Vertical baling presses – Safety requirements

HZNTU I2, Strojarstvo 2

- EN ISO 284:2012 en
Conveyor belts – Electrical conductivity – Specification and test method (ISO 284:2012)
- EN ISO 340:2013 en
Conveyor belts – Laboratory scale flammability characteristics – Requirements and test method (ISO 340:2013)
- EN 474-1:2006+A3:2013 en
Earth-moving machinery – Safety – Part 1: General requirements
Strojevi za zemljane radove – Sigurnost – 1. dio: Opći zahtjevi
- EN ISO 14890:2013 en
Conveyor belts – Specification for rubber- or plastics-covered conveyor belts of textile construction for general use (ISO 14890:2013)
- EN ISO 15147:2012 en
Light conveyor belts – Tolerances on widths and lengths of cut light conveyor belts (ISO 15147:2012)
- EN ISO 21180:2013 en
Light conveyor belts – Determination of the maximum tensile strength (ISO 21180:2013)
- EN ISO 21181:2013 en
Light conveyor belts – Determination of the relaxed elastic modulus (ISO 21181:2013)
- EN ISO 21182:2013 en
Light conveyor belts – Determination of the coefficient of friction (ISO 21182:2013)

HZNTU I3, Strojarstvo 3

- EN 1047-2:2009+A1:2013 en
Secure storage units – Classification and methods of test for resistance to fire – Part 2: Data rooms and data container
Jedinice za sigurno pohranjivanje – Klasifikacija i metode ispitivanja vatrootpornosti – 2. dio: Prostorije za zaštitu podataka i spremnik podataka

HZNTU M1, Metalni materijali 1

- EN ISO 4492:2013 en
Metallic powders, excluding powders for hardmetals – Determination of dimensional changes associated with compacting and sintering (ISO 4492:2013)
- EN ISO 5755:2012 en
Sintered metal materials – Specifications (ISO 5755:2012)
Sinterirani metalni materijali – Specifikacije (ISO 5755:2012)

HZNTU S1, Zdravlje, okoliš i medicinska oprema 1

- EN ISO 3665:2013 en
Photography – Intra-oral dental radiographic film and film packets – Manufacturer specifications (ISO 3665:2011)

- EN ISO 13356:2013 en
Implants for surgery – Ceramic materials based on yttria-stabilized tetragonal zirconia (Y-TZP) (ISO 13356:2008)
- EN ISO 14630:2012 en
Non-active surgical implants – General requirements (ISO 14630:2012)
- EN ISO 20795-1:2013 en
Dentistry – Base polymers – Part 1: Denture base polymers (ISO 20795-1:2013)
- EN ISO 20795-2:2013 en
Dentistry – Base polymers – Part 2: Orthodontic base polymers (ISO 20795-2:2013)
- EN ISO 25539-2:2012 en
Cardiovascular implants – Endovascular devices – Part 2: Vascular stents (ISO 25539-2:2012)

HZNTU T1, Prijevoz, rukovanje materijalima i pakiranje 1

- FprEN 415-6 en
Safety of packaging machines – Part 6: Pallet wrapping machines
Sigurnost strojeva za pakiranje – 6. dio: Strojevi za umotavanje paleta
- EN 1755:2000+A2:2013 en
Safety of industrial trucks – Operation in potentially explosive atmospheres – Use in flammable gas, vapour, mist and dust
Sigurnost industrijskih vozila – Rad u potencijalno eksplozivnoj atmosferi – Uporaba u zapaljivom plinu, pari i prašini
- prEN ISO 8098 rev en
Cycles – Safety requirements for bicycles for young children (ISO/DIS 8098:2012)
- EN 9100:2009 en
Quality Management Systems – Requirements for Aviation, Space and Defense Organizations
Sustav upravljanja kvalitetom – Zahtjevi za zrakoplovstvo, organizacije za svemir i obranu
- EN 16307-5:2013 en
Industrial trucks – Safety requirements and verification – Part 5: Supplementary requirements for pedestrian-propelled trucks
- prEN ISO/IEC 16315 en
Small craft – Electric propulsion system (ISO/IEC/DIS 16315:2012)
- FprEN 16495 en
Air Traffic Management – Information security for organisations supporting civil aviation operations

HZNTU U1, Opća elektrotehnika 1

- FprEN 60695-9-2:2012 en
Fire hazard testing – Part 9-2: Surface spread of flame – Summary and relevance of test methods (IEC 60695-9-2:201X)
- FprEN 60974-3:2012 en
Arc welding equipment – Part 3: Arc striking and stabilizing devices (IEC 60974-3:201X)
Oprema za elektrolučno zavarivanje – 3. dio: Uređaji za paljenje luka i stabilizaciju (IEC 60974-3:201X)
- FprEN 61788-19:2012 en
Superconductivity – Part 19: Mechanical properties measurement – Room temperature tensile test of reacted Nb3Sn composite superconductors (IEC 61788-19:201X)

HZNTU V1, Elektronika 1

- CLC/TR 50117-8:2013 en
Coaxial cables used in cabled distribution networks – Part 8: Repair and substitute of damaged buried cables

- EN 50288-9-1:2012 en
Multi-element metallic cables used in analogue and digital communication and control – Part 9-1: Sectional specification for screened cables characterised up to 1000 MHz – Horizontal and building backbone cables
- EN 50288-10-1:2012 en
Multi-element metallic cables used in analogue and digital communication and control – Part 10-1: Sectional specification for screened cables characterized up to 500 MHz – Horizontal floor and building backbone cables
- EN 50288-11-1:2012 en
Multi-element metallic cables used in analogue and digital communication and control – Part 11-1: Sectional specification for un-screened cables characterised up to 500 MHz – Horizontal and building backbone cables
- prEN 50516-3-1:2012 en
Industrial connector sets and interconnect components to be used in optical fibre control and communication systems – Product specifications – Part 3-1: Type ODVA APC terminated on EN 60793-2-50 category B1.1 and B1.3 singlemode fibre to meet the requirements of category I (industrial environments) as specified in EN 50173-1 and IEC 61753-1-3
- FprEN 50551-2:2013 en
Simplex and duplex cables to be used for cords – Part 2: Detailed specification and minimum requirements for a 3,0 mm simplex ruggedised single mode fibre cable to be used for patchcords/cords category U
- prEN 50583:2012 en
Photovoltaics in buildings
- FprEN 60444-6:2012 en
Measurement of quartz crystal unit parameters – Part 6: Measurement of drive level dependence (DLD) (IEC 60444-6:201X)
- FprEN 61010-2-101:2012 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-101: Particular requirements for laboratory equipment for in vitro diagnostic (IVD) medical equipment (IEC 61010-2-101:201X)
- FprEN 61076-2-109:2012 en
Connectors for electronic equipment – Product requirements – Part 2-109: Circular connectors – Detail specification for connectors with m 12 x 1 screw-locking, for data transmissions with frequencies up to 500 mhz (IEC 61076-2-109:201X)
- EN 61300-2-11:2013 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-11: Tests – Axial compression (IEC 61300-2-11:2012)
- FprEN 61300-3-52:2012 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-52: Measurement – Guide hole and alignment pin deformation constant, CD for 8 degree angled PC rectangle ferrule, single mode fibres (IEC 61300-3-52:201X)
- EN 61340-4-1:2004/FprA1:2012 en
Electrostatics – Part 4-1: Standard test methods for specific applications – Electrical resistance of floor coverings and installed floors (IEC 61340-4-1:2003/am1:201X)
- FprEN 61753-071-2:2012 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 071-2: Non-connectorised single-mode fibre optic 1 x 2 and 2 x 2 spatial switches for category C – Controlled environments (IEC 61753-071-2:201X)
- FprEN 62148-17:2012 en
Fiber optic active components and devices – Package and interface standards – Part 17: Transmitter and receiver components with dual coaxial RF connectors (IEC 62148-17)
- EN 62343-1-3:2013 en
Dynamic modules – Part 1-3: Performance standards – Dynamic gain tilt equalizer (non-connectorized) (IEC 62343-1-3:2012)
- EN 140401-803:2007/AB:201X en
Detail specification: Fixed low power film SMD resistors – Cylindrical – Stability classes 0, 05, 0, 1, 0, 25, 0, 5, 1, 2

HZN/TU W1, *Energetska elektrotehnika 1*

- prEN 50156-2:2012 en
Electrical equipment for furnaces and ancillary equipment – Part 2: Requirements for design, development and type approval of safety devices and subsystems
- EN 50580:2012 en
Safety of hand-held electric motor operated tools – Particular requirements for spray guns
- EN 60335-2-77:2010 en
Safety of household and similar appliances – Part 2-77: Particular requirements for pedestrian-controlled walk-behind electrically powered lawn mowers (IEC 60335-2-77:2002, MOD)
- EN 60745-1:2009+AC:2009+A11:2010 en
Hand-held motor-operated electric tools – Safety – Part 1: General requirements (IEC 60745-1:2006, MOD)
Ručni elektromotorni alati – Sigurnost – 1. dio: Opći zahtjevi (IEC 60745-1:2006, MOD)
- EN 60745-2-13:2009/A1:2010 en
Hand-held motor-operated electric tools – Safety – Part 2-13: Particular requirements for chain saws (IEC 60745-2-13:2006/am1:2009)
Ručni elektromotorni alati – Sigurnost – Dio 2-13: Posebni zahtjevi za lančane pile (IEC 60745-2-13:2006/am1:2009)
- EN 60745-2-14:2009/A2:2010 en
Hand-held motor-operated electric tools – Safety – Part 2-14: Particular requirements for planers (IEC 60745-2-14:2003/am2:2010)
Ručni elektromotorni alati – Sigurnost – Dio 2-14: Posebni zahtjevi za blanjalice (IEC 60745-2-14:2003/am2:2010)
- EN 60745-2-16:2010 en
Hand-held motor-operated electric tools – Safety – Part 2-16: Particular requirements for tackers (IEC 60745-2-16:2008, MOD)
- EN 60745-2-17:2010 en
Hand-held motor-operated electric tools – Safety – Part 2-17: Particular requirements for routers and trimmers (IEC 60745-2-17:2010, MOD)
Ručni elektromotorni alati – Sigurnost – Dio 2-17: Posebni zahtjevi za utorne i ravninske glodalice (IEC 60745-2-17:2010, MOD)
- EN 60745-2-19:2009/A1:2010 en
Hand-held motor-operated electric tools – Safety – Part 2-19: Particular requirements for jointers (IEC 60745-2-19:2005/am1:2010)
Ručni elektromotorni alati – Sigurnost – Dio 2-19: Posebni zahtjevi za čeone glodalice (IEC 60745-2-19:2005/am1:2010)
- EN 60745-2-21:2009/A1:2010 en
Hand-held motor-operated electric tools – Safety – Part 2-21: Particular requirements for drain cleaners (IEC 60745-2-21:2002/am1:2008)
Ručni elektromotorni alati – Sigurnost – Dio 2-21: Posebni zahtjevi za čistilice vodnih ispusta (IEC 60745-2-21:2002/am1:2008)

- EN 60745-2-5:2010 en
Hand-held motor-operated electric tools – Safety – Part 2-5: Particular requirements for circular saws (IEC 60745-2-5:2010, MOD)
Ručni elektromotorni alati – Sigurnost – Dio 2-5: Posebni zahtjevi za kružne pile (IEC 60745-2-5:2010, MOD)
- EN 61029-1:2009/A11:2010 en
Safety of transportable motor-operated electric tools – Part 1: General requirements
Sigurnost prijevoznih elektromotornih alata – 1. dio: Opći zahtjevi
- EN 61029-2-12:2011 en
Safety of transportable motor-operated electric tools – Part 2-12: Particular requirements for threading machines (IEC 61029-2-12:2010, MOD)
- EN 61029-2-3:2011 en
Safety of transportable motor-operated electric tools – Part 2-3: Particular requirements for planers and thicknessers (IEC 61029-2-3:1993, MOD+am1:2001)
- EN 61029-2-4:2011 en
Safety of transportable motor-operated electric tools – Part 2-4: Particular requirements for bench grinders (IEC 61029-2-4:1993, MOD+am1:2001, MOD)
Sigurnost prijevoznih elektromotornih alata – Dio 2-4: Posebni zahtjevi za stolne brusilice (IEC 61029-2-4:1993, MOD+am1:2001, MOD)
- FprEN 61558-2-10:2012 en
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-10: Particular requirements and tests for separating transformers with high insulation level and separating transformers with output voltages exceeding 1000 V (IEC 61558-2-10:201X)
- FprEN 62841-3-1:2012 en
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1:201X)
- FprEN 62841-3-6:2012 en
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-6: Particular requirements for diamond drills with liquid system (IEC 62841-3-6:201X)

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavoda za norme donosi odluku o povlačenju hrvatske norme kada je donesena nova hrvatska norma ili kada je postojeća hrvatska norma postala neprimjenjiva. Kada je koje područje uređeno propisima i neki od propisa (pravilnik, naredba, napatuk) 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 21, *Protupožarna i vatrogasna oprema*

- HRN EN 25923:2008 en
Zaštita od požara – Mediji za gašenje požara – Ugljikov dioksid (ISO 5923:1989; EN 25923:1993)
Fire protection – Fire extinguishing media – Carbon dioxide (ISO 5923:1989; EN 25923:1993)
- zamijenjena s: HRN EN ISO 5923:2013

HZN/TO 28, *Naftni proizvodi i maziva*

- HRN EN 14274:2008 en
Goriva za motorna vozila – Ocjena kvalitete benzina i dizelskog goriva – Sustav nadzora kvalitete goriva (FQMS) (EN 14274:2003+AC:2004)
Automotive fuels – Assessment of petrol and diesel quality – Fuel quality monitoring system (FQMS) (EN 14274:2003+AC:2004)
- zamijenjena s: HRN EN 14274:2013

- HRN EN 14275:2006 en
Goriva za motorna vozila – Ocjena kvalitete benzina i dizelskog goriva – Uzorkovanje iz pumpi na benzinskim postajama i komercijalnih istačača goriva (EN 14275:2003)
Automotive fuels – Assessment of petrol and diesel fuel quality – Sampling from retail site pumps and commercial site fuel dispensers (EN 14275:2003)
- zamijenjena s: HRN EN 14275:2013
- HRI CEN/TR 15993:2010 en
Goriva za motorna vozila – Etanol (E85) gorivo za motorna vozila – Osnova zahtijevanih veličina i njihove granične vrijednosti i određivanje (CEN/TR 15993:2010)
Automotive fuels – Ethanol (E85) automotive fuel – Background to the parameters required and their respective limits and determination (CEN/TR 15993:2010)
- zamijenjena s: HRI CEN/TR 15993:2013

HZN/TO 35, *Boje i lakovi*

- HRN EN 927-3:2008 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 3: Natural weathering test (EN 927-3:2006)
- zamijenjena s: HRN EN 927-3:2013
- HRN EN ISO 2812-3:2008 en
Boje i lakovi – Određivanje otpornosti na kapljevine – 3. dio: Metoda primjenom apsorpcijskog sredstva (ISO 2812-3:2007; EN ISO 2812-3:2007)
Paints and varnishes – Determination of resistance to liquids – Part 3: Method using an absorbent medium (ISO 2812-3:2007; EN ISO 2812-3:2007)
- zamijenjena s: HRN EN ISO 2812-3:2013
- HRN EN ISO 4628-8:2005 en
Boje i lakovi – Procjena propadanja prevlaka – Označavanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 8. dio: Ocjena stupnja raslojavanja i korozije oko ogrebotine (ISO 4628-8:2005; EN ISO 4628-8:2005)
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 8: Assessment of degree of delamination and corrosion around a scribe (ISO 4628-8:2005; EN ISO 4628-8:2005)
- zamijenjena s: HRN EN ISO 4628-8:2013
- HRN ISO 15184:2002 en
Boje i lakovi – Određivanje tvrdoće filma ispitivanjem s olovkom (ISO 15184:1998)
Paints and varnishes – Determination of film hardness by pencil test (ISO 15184:1998)
- zamijenjena s: HRN EN ISO 15184:2013
- HRN EN ISO 20566:2008 en
Paints and varnishes – Determination of the scratch resistance of a coating system using a laboratory car-wash (ISO 20566:2005; EN ISO 20566:2006)
- zamijenjena s: HRN EN ISO 20566:2013

HZN/TO 44, *Zavarivanje i srodni postupci*

- HRN EN 757:1999 en
Dodatni i potrošni materijali – Obložene elektrode za REL zavarivanje čelika povišene čvrstoće – Razredba (EN 757:1997)
Welding consumables – Covered electrodes for manual metal arc welding of high strength steels – Classification (EN 757:1997)
- zamijenjena s: HRN EN ISO 18275:2013

- HRN EN ISO 15614-13:2007 en
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 13. dio: Elektrootporno sučeljeno zavarivanje i zavarivanje iskrenjem (ISO 15614-13:2005; EN ISO 15614-13:2005)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Resistance butt and flash welding (ISO 15614-13:2005; EN ISO 15614-13:2005)
- zamijenjena s: HRN EN ISO 15614-13:2013
- HRN EN ISO 16834:2008 en
Dodatni i potrošni materijali za zavarivanje – Žičane elektrode, žice, šipke i depoziti za elektrolučno zavarivanje u zaštiti plina za čelike povišene čvrstoće – Razredba (ISO 16834:2006; EN ISO 16834:2007)
Welding consumables – Wire electrodes, wires, rods and deposits for gas-shielded arc welding of high strength steels – Classification (ISO 16834:2006; EN ISO 16834:2007)
- zamijenjena s: HRN EN ISO 16834:2013
- HRN EN ISO 17653:2004 en
Razorna ispitivanja zavara metalnih materijala – Torzija elektrootporno zavarenih točkastih spojeva (ISO 17653:2003; EN ISO 17653:2003)
Destructive test on welds in metallic materials – Torsion of resistance spot welds (ISO 17653:2003; EN ISO 17653:2003)
- zamijenjena s: HRN EN ISO 17653:2013
- HRN EN ISO 21952:2008 en
Dodatni materijali – Žičane elektrode, žice, šipke i depoziti za elektrolučno zavarivanje u zaštiti plina za čelike otporne na puzanje – Razredba (ISO 21952:2007; EN ISO 21952:2007)
Welding consumables – Wire electrodes, wires, rods and deposits for gas-shielded arc welding of creep-resisting steel – Classification (ISO 21952:2007; EN ISO 21952:2007)
- zamijenjena s: HRN EN ISO 21952:2013
- HRN EN ISO 22825:2008 en
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje – Ispitivanje zavara u austenitnim čelicima i legurama nikla (ISO 22825:2006; EN ISO 22825:2006)
Non-destructive testing of welds – Ultrasonic testing – Testing of welds in austenitic steels and nickel-based alloys (ISO 22825:2006; EN ISO 22825:2006)
- zamijenjena s: HRN EN ISO 22825:2013
- HRN EN ISO 24598:2008 en
Dodatni i potrošni materijali za zavarivanje – Pune žice, punjene žice i kombinacije žice i praška za zavarivanje pod praškom čelika otpornih na puzanje – Razredba (ISO 24598:2007; EN ISO 24598:2007)
Welding consumables – Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for submerged arc welding of creep-resisting steels – Classification (ISO 24598:2007; EN ISO 24598:2007)
- zamijenjena s: HRN EN ISO 24598:2013

HZN/TO 54, Eterična ulja

- HRN ISO 1342:2004 en
Ulje ružmarina (*Rosmarinus officinalis* L.) (ISO 1342:2000)
Oil of rosemary (*Rosmarinus officinalis* L.) (ISO 1342:2000)
- zamijenjena s: HRN ISO 1342:2013
- HRN ISO 3065:2004 en
Ulje australskog eukaliptusa s udjelom cineola od 80 do 85 % (ISO 3065:1974)
Oil of Australian Eucalyptus, 80 to 85 % cineole content (ISO 3065:1974)
- zamijenjena s: HRN ISO 3065:2013

- HRN ISO 3140:2005 en
Ulje slatke naranče [*Citrus sinensis* (Linnaeus) Obsbeck] dobiveno mehaničkim postupkom (ISO 3140:1990)
Oil of sweet orange [*Citrus sinensis* (Linnaeus) Obsbeck] obtained by mechanical treatment (ISO 3140:1990)
- zamijenjena s: HRN ISO 3140:2013
- HRN ISO 3517:2005 en
Ulje nerolija (*Citrus aurantium* L. ssp. *aurantium* syn. *Citrus aurantium* L. ssp. *amara* var. *pumilia*) (ISO 3517:2002)
Oil of neroli (*Citrus aurantium* L. ssp. *aurantium* syn. *Citrus aurantium* L. ssp. *amara* var. *pumilia*) (ISO 3517:2002)
- zamijenjena s: HRN ISO 3517:2013
- HRN ISO 3519:2005 en
Ulje limete (*Citrus aurantifolia* (Christm.) Swingle), dobiveno destilacijom (ISO 3519:1997)
Oil of lime [*Citrus aurantifolia* (Christm.) Swingle], obtained by distillation (ISO 3519:1997)
- zamijenjena s: HRN ISO 3519:2007
- HRN ISO 3526:2004 en
Ulje kadulje (*Salvia lavandulifolia*) (ISO 3526:1991)
Oil of sage (*Salvia lavandulifolia*) (ISO 3526:1991)
- zamijenjena s: HRN ISO 3526:2007
- HRN ISO 3528:2005 en
Ulje mandarine, talijanski tip (*Citrus reticulata* Blanco) (ISO 3528:1997+Cor 1:1998)
Oil of mandarin, Italian type (*Citrus reticulata* Blanco) (ISO 3528:1997+Cor 1:1998)
- zamijenjena s: HRN ISO 3528:2013
- HRN ISO 4719:2004 en
Ulje širokolisne lavande (*Lavandula latifolia* (L.f.) Medikus), španjolski tip (ISO 4719:1999)
Oil of spike lavender (*Lavandula latifolia* (L.f.) Medikus), Spanish type (ISO 4719:1999)
- zamijenjena s: HRN ISO 4719:2013
- HRN ISO 4731:2007 en
Ulje geranije (*Pelargonium* X ssp.) (ISO 4731:2006)
Oil of geranium (*Pelargonium* X ssp.) (ISO 4731:2006)
- zamijenjena s: HRN ISO 4731:2013

HZN/TO 92, Zaštita od požara

- HRN ENV 13381-4:2007 en
Ispitne metode za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 4. dio: Zaštita čeličnih elemenata (ENV 13381-4:2002)
Test methods for determining the contribution to the fire resistance of structural members – Part 4: Applied protection to steel members (ENV 13381-4:2002)
- zamijenjena s: HRN EN 13381-4:2013
- HRN EN 13381-8:2010 en
Metode ispitivanja za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 8. dio: Reaktivna zaštita čeličnih elemenata (EN 13381-8:2010)
Test methods for determining the contribution to the fire resistance of structural members – Part 8: Applied reactive protection to steel members (EN 13381-8:2010)
- zamijenjena s: HRN EN 13381-8:2013

HZN/TO 134, Gnojiva i poboljšivači tla

- HRN EN 13368-2:2008 en
Gnojiva – Određivanje helatnih agensa u gnojivu kromatografijom – 2. dio: Određivanje željeza helatiniziranog s o, o-EDDHA i o, o-EDDHMA ionskom kromatografijom (EN 13368-2:2007)
Fertilizers – Determination of chelating agents in fertilizers by chromatography – Part 2: Determination of Fe chelated by o, o-EDDHA and o, o-EDDHMA by ion pair chromatography (EN 13368-2:2007)
- zamijenjena s: HRN EN 13368-2:2013

HZN/TO 136, *Namještaj*

- HRN EN 716-1:2008 en
Namještaj – Dječji krevetići i sklopivi dječji krevetići za kućnu uporabu – 1. dio: Sigurnosni zahtjevi (EN 716-1:2008)
Furniture – Children's cots and folding cots for domestic use – Part 1: Safety requirements (EN 716-1:2008)
- zamijenjena s: HRN EN 716-1:2013
- HRN EN 716-2:2008 en
Namještaj – Dječji krevetići i sklopivi dječji krevetići za kućnu uporabu – 2. dio: Metode ispitivanja (EN 716-2:2008)
Furniture – Children's cots and folding cots for domestic use – Part 2: Test methods (EN 716-2:2008)
- zamijenjena s: HRN EN 716-2:2013
- HRN EN 1730:2001 en
Kućni namještaj – Stolovi – Metode ispitivanja za određivanje čvrstoće, trajnosti i stabilnosti (EN 1730:2000)
Domestic furniture – Tables – Test methods for determination of strength, durability and stability (EN 1730:2000)
- zamijenjena s: HRN EN 1730:2013
- HRN EN 1957:2001 en
Kućni namještaj – Kreveti i madraci – Metode ispitivanja za određivanje funkcionalnih svojstava (EN 1957:2000)
Domestic furniture – Beds and mattresses – Test methods for the determination of functional characteristics (EN 1957:2000)
- zamijenjena s: HRN EN 1957:2013
- HRN EN 13761:2008 en
Uredski namještaj – Stolice za posjetitelje (EN 13761:2002)
Office furniture – Visitors chairs (EN 13761:2002)
- zamijenjena s: HRN EN 16139:2013
- HRN EN 15373:2008 en
Namještaj – Čvrstoća, izdržljivost i sigurnost – Zahtjevi za namještaj za sjedenje izvan kućnog prostora (EN 15373:2007)
Furniture – Strength, durability and safety – Requirements for non-domestic seating (EN 15373:2007)
- zamijenjena s: HRN EN 16139:2013

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

- HRN CEN/TS 1555-7:2003 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 7 dio: Ocjena sukladnosti (CEN/TS 1555-7:2003)
Plastics piping system for gaseous fuels supply – Polyethylene (PE) – Part 7: Assessment of conformity (CEN/TS 1555-7:2003)
- zamijenjena s: HRS CEN/TS 1555-7:2013
- HRN EN 1796:2009 en
Plastični cijevni sustavi za tlačnu i netlačnu opskrbu vodom – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliestera (UP) (EN 1796:2006+A1:2008)
Plastics piping systems for water supply with or without pressure – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) (EN 1796:2006+A1:2008)
- zamijenjena s: HRN EN 1796:2013
- HRN EN 13566-1:2003 en
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 1. dio: Općenito (EN 13566-1:2002)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 1: General (EN 13566-1:2002)
- zamijenjena s: HRN EN ISO 11296-1:2011

- HRN EN 13566-3:2003 en
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 3. dio: Obnavljanje s prijanjajućim cijevima (EN 13566-3:2002)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes (EN 13566-3:2002)
- zamijenjena s: HRN EN ISO 11296-3:2011
- HRN EN 13566-4:2003 en
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 4. dio: Obnavljanje nanošenjem strukturiranih duromernih slojeva na terenu (EN 13566-4:2002)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 4: Lining with cured-in-place pipes (EN 13566-4:2002)
- zamijenjena s: HRN EN ISO 11296-4:2011
- HRN EN 13566-7:2007 en
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 7. dio: Obnavljanje sa zavojno oblikovanim cijevima (EN 13566-7:2007)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 7: Lining with spirally wound pipes (EN 13566-7:2007)
- zamijenjena s: HRN EN ISO 11296-7:2013
- HRN EN 14364:2008 en
Plastični cijevni sustavi za tlačnu i netlačnu odvodnju i kanalizaciju – Staklom ojačani duromeri (GRP) na osnovu nezasićenih poliesterskih smola (UP) – Specifikacije za cijevi, spojnice i brtve (EN 14364:2006+A1:2008)
Plastics piping systems for drainage and sewerage with or without pressure – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) – Specifications for pipes, fittings and joints (EN 14364:2006+A1:2008)
- zamijenjena s: HRN EN 14364:2013
- HRN EN 14408-1:2004 en
Plastični cijevni sustavi za obnavljanje podzemnih plinskih distribucijskih mreža – 1. dio: Općenito (EN 14408-1:2004)
Plastics piping systems for the renovation of underground gas supply networks – Part 1: General (EN 14408-1:2004)
- zamijenjena s: HRN EN ISO 11299-1:2013
- HRN EN 14408-3:2004 en
Plastični cijevni sustavi za obnavljanje podzemnih plinskih distribucijskih mreža – 3. dio: Obnavljanje s prijanjajućim cijevima (EN 14408-3:2004)
Plastics piping systems for the renovation of underground gas supply networks – Part 3: Lining with close-fit pipes (EN 14408-3:2004)
- zamijenjena s: HRN EN ISO 11299-3:2013
- HRN EN ISO 15874-1:2004 en
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 1. dio: Općenito (ISO 15874-1:2003; EN ISO 15874-1:2003)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 1: General (ISO 15874-1:2003; EN ISO 15874-1:2003)
- zamijenjena s: HRN EN ISO 15874-1:2013
- HRN EN ISO 15874-1:2004/A1:2007 en
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 1. dio: Općenito (ISO 15874-1:2003/Amd 1:2007; EN ISO 15874-1:2003/A1:2007)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 1: General – Amendment 1 (ISO 15874-1:2003/Amd 1:2007; EN ISO 15874-1:2003/A1:2007)
- zamijenjena s: HRN EN ISO 15874-1:2013

HRN EN ISO 15874-2:2004 en
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 2. dio: Cijevi (ISO 15874-2:2003; EN ISO 15874-2:2003)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes (ISO 15874-2:2003; EN ISO 15874-2:2003)
- zamijenjena s: HRN EN ISO 15874-2:2013

HRN EN ISO 15874-2:2004/A1:2007 en
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 2. dio: Cijevi (ISO 15874-2:2003/Amd 1:2007; EN ISO 15874-2:2003/A1:2007)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes – Amendment 1 (ISO 15874-2:2003/Amd 1:2007; EN ISO 15874-2:2003/A1:2007)
- zamijenjena s: HRN EN ISO 15874-2:2013

HRN EN ISO 15874-3:2004 en
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 3. dio: Spojnice (ISO 15874-3:2003; EN ISO 15874-3:2003)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings (ISO 15874-3:2003; EN ISO 15874-3:2003)
- zamijenjena s: HRN EN ISO 15874-3:2013

HRN EN ISO 15874-5:2004 en
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 5. dio: Prikadnost sustava za uporabu (ISO 15874-5:2003; EN ISO 15874-5:2003)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 5: Fitness for purpose of the system (ISO 15874-5:2003; EN ISO 15874-5:2003)
- zamijenjena s: HRN EN ISO 15874-5:2013

HZN/TO 146, Kvaliteta zraka

HRN EN 1540:2011 en,fr,de
Profesionalna izloženost – Nazivlje (EN 1540:2011)
Workplace exposure – Terminology (EN 1540:2011)
- zamijenjena s: HRN EN 1540:2013

HRN EN 12619:2006 en
Emisije iz stacionarnih izvora – Određivanje masene koncentracije ukupnog organskog ugljika pri niskim koncentracijama u otpadnim plinovima – Kontinuirana plameno ionizacijska metoda (EN 12619:1999)
Stationary source emissions – Determination of the mass concentration of total gaseous organic carbon at low concentrations in flue gases – Continuous flame ionisation detector method (EN 12619:1999)
- zamijenjena s: HRN EN 12619:2013

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 71-4:2010 en
Sigurnost igraćaka – 4. dio: Eksperimentalna oprema za kemiju i srodne aktivnosti (EN 71-4:2009)
Safety of toys – Part 4: Experimental sets for chemistry and related activities (EN 71-4:2009)
- zamijenjena s: HRN EN 71-4:2013

HZN/TO 196, Prirodni kamen

HRN EN 14617-1:2008 en
Kameni aglomerat – Ispitne metode – 1. dio: Određivanje prostorne mase i upijanja vode (EN 14617-1:2005)
Agglomerated stone – Test methods – Part 1: Determination of apparent density and water absorption (EN 14617-1:2005)
- zamijenjena s: HRN EN 14617-1:2013

HRN EN 14617-13:2008 en
Kameni aglomerat – Ispitne metode – 13. dio: Određivanje električne otpornosti (EN 14617-13:2005)
Agglomerated stone – Test methods – Part 13: Determination of electrical resistivity (EN 14617-13:2005)
- zamijenjena s: HRN EN 14617-13:2013

HZN/TO 218, Drvo

HRN EN 335-1:2008 en
Durability of wood and wood-based products – Definition of use classes – Part 1: General (EN 335-1:2006)
- zamijenjena s: HRN EN 335:2013

HRN EN 335-2:2008 en
Durability of wood and wood-based products – Definition of use classes – Part 2: Application to solid wood (EN 335-2:2006)
- zamijenjena s: HRN EN 335:2013

HRN EN 335-3:2002 en
Trajnost drva i proizvoda na osnovi drva – Definicija razreda opasnosti od biološkog napada – 3. dio: Primjena na ploče na osnovi drva (EN 335-3:1995)
Durability of wood and wood-based products – Definition of hazard classes of biological attack – Part 3: Application to wood-based panels (EN 335-3:1995)
- zamijenjena s: HRN EN 335:2013

HRN EN 1910:2008 en
Wood and parquet flooring and wood panelling and cladding – Determination of dimensional stability (EN 1910:2000)
- zamijenjena s: HRN EN 1910:2013

HRN EN 13442:2008 en
Wood and parquet flooring and wood panelling and cladding – Determination of the resistance to chemical agents (EN 13442:2002)
- zamijenjena s: HRN EN 13442:2013

HZN/TO 219, Podne obloge

HRN EN 423:2003 en
Elastične podne obloge – Određivanje otpornosti na prljanje (EN 423:2001)
Resilient floor coverings – Determination of resistance to staining (EN 423:2001)
- zamijenjena s: HRN EN ISO 26987:2013

HRN EN 426:2003 en
Elastične podne obloge – Određivanje širine, dužine, ravnosti rubova i ujednačenosti debljine trake (EN 426:1993)
Resilient floor coverings – Determination of width, length, straightness and flatness of sheet material (EN 426:1993)
- zamijenjena s: HRN EN ISO 24341:2013

HRN EN 427:2003 en
Elastične podne obloge – Određivanje bočne dužine, pravokutnosti i ravnosti rubova ploča (EN 427:1994)
Resilient floor coverings – Determination of the side length, squareness and straightness of tiles (EN 427:1994)
- zamijenjena s: HRN EN ISO 24342:2013

HRN EN 428:2003 en
Elastične podne obloge – Određivanje ukupne debljine (EN 428:1993)
Resilient floor coverings – Determination of overall thickness (EN 428:1993)
- zamijenjena s: HRN EN ISO 24346:2013

HRN EN 429:2003 en
Elastične podne obloge – Određivanje debljine slojeva (EN 429:1993)
Resilient floor coverings – Determination of the thickness of layers (EN 429:1993)
- zamijenjena s: HRN EN ISO 24340:2013

- HRN EN 430:2003 en
Elastične podne obloge – Određivanje mase po jedinici površine (EN 430:1994)
Resilient floor coverings – Determination of mass per unit area (EN 430:1994)
- zamijenjena s: HRN EN ISO 23997:2013
- HRN EN 431:2003 en
Elastične podne obloge – Određivanje otpornosti na raslojavanje (EN 431:1994)
Resilient floor coverings – Determination of peel resistance (EN 431:1994)
- zamijenjena s: HRN EN ISO 24345:2013
- HRN EN 433:2003 en
Elastične podne obloge – Određivanje zaostalog udubljenja nakon statičkog opterećenja (EN 433:1994)
Resilient floor coverings – Determination of residual indentation after static loading (EN 433:1994)
- zamijenjena s: HRN EN ISO 24343-1:2013
- HRN EN 434:2003 en
Elastične podne obloge – Određivanje promjena dimenzija i valovitosti nakon izlaganja toplini (EN 434:1994)
Resilient floor coverings – Determination of dimensional stability and curling after exposure to heat (EN 434:1994)
- zamijenjena s: HRN EN ISO 23999:2013
- HRN EN 436:2003 en
Elastične podne obloge – Određivanje gustoće (EN 436:1994)
Resilient floor coverings – Determination of density (EN 436:1994)
- zamijenjena s: HRN EN ISO 23996:2013
- HRN EN 548:2008 en
Elastične podne obloge – Specifikacija za linoleum s uzorkom i bez njega (EN 548:2004+AC:2007)
Resilient floor coverings – Specification for plain and decorative linoleum (EN 548:2004+AC:2007)
- zamijenjena s: HRN EN ISO 24011:2013
- HRN EN 649:2003 en
Elastične podne obloge – Homogene i nehomogene poli(vinil-kloridne) podne obloge – Specifikacija (EN 649:1996)
Resilient floor coverings – Homogeneous and heterogeneous polyvinyl chloride floor coverings – Specification (EN 649:1996)
- zamijenjena s: HRN EN 649:2013
- HRN EN 649:2003/A1:2008 en
Elastične podne obloge – Homogene i nehomogene poli(vinil-kloridne) podne obloge – Specifikacija (EN 649:1996/A1:2003)
Resilient floor coverings – Homogeneous and heterogeneous polyvinyl chloride floor coverings – Specification (EN 649:1996/A1:2003)
- zamijenjena s: HRN EN 649:2013
- HRN EN 650:2003 en
Elastične podne obloge – Poli(vinil-kloridne) podne obloge na poleđini od jute, poliesterskog filca ili poliesterskog filca s poli(vinil-kloridom) – Specifikacija (EN 650:1996)
Resilient floor coverings – Polyvinyl chloride floor coverings on jute backing or on polyester felt backing or on polyester felt with polyvinyl chloride backing – Specification (EN 650:1996)
- zamijenjena s: HRN EN 650:2013
- HRN EN 651:2003 en
Elastične podne obloge – Poli(vinil-kloridne) podne obloge s pjenastim slojem – Specifikacija (EN 651:1996)
Resilient floor coverings – Polyvinyl chloride floor coverings with foam layer – Specification (EN 651:1996)
- zamijenjena s: HRN EN 651:2013
- HRN EN 651:2003/A1:2008 en
Elastične podne obloge – Poli(vinil-kloridne) podne obloge s pjenastim slojem – Specifikacija (EN 651:1996/A1:2003)
Resilient floor coverings – Polyvinyl chloride floor coverings with foam layer – Specification (EN 651:1996/A1:2003)
- zamijenjena s: HRN EN 651:2013
- HRN EN 652:2003 en
Elastične podne obloge – Poli(vinil-kloridne) podne obloge s poleđinom na osnovi pluta – Specifikacija (EN 652:1996)
Resilient floor coverings – Polyvinyl chloride floor coverings with cork-based backing – Specification (EN 652:1996)
- zamijenjena s: HRN EN 652:2013
- HRN EN 653:2008 en
Elastične podne obloge – Ekspandirane poli(vinil-kloridne) podne obloge – Specifikacija (EN 653:1996)
Resilient floor coverings – Expanded (cushioned) polyvinyl chloride floor coverings – Specification (EN 653:1996)
- zamijenjena s: HRN EN ISO 26986:2013
- HRN EN 654:2003 en
Elastične podne obloge – Polusavitljive poli(vinil-kloridne) ploče – Specifikacija (EN 654:1996)
Resilient floor coverings – Semi-flexible polyvinyl chloride tiles – Specification (EN 654:1996)
- zamijenjena s: HRN EN ISO 10595:2013
- HRN EN 654:2003/A1:2008 en
Elastične podne obloge – Polusavitljive poli(vinil-kloridne) ploče – Specifikacija (EN 654:1996/A1:2003)
Resilient floor coverings – Semi-flexible polyvinyl chloride tiles – Specification (EN 654:1996/A1:2003)
- zamijenjena s: HRN EN ISO 10595:2013
- HRN EN 655:2008 en
Elastične podne obloge – Ploče od aglomeriranog pluta s poli(vinil-kloridnim) habajućim slojem – Specifikacija (EN 655:1996)
Resilient floor coverings – Tiles of agglomerated composition cork with polyvinyl chloride wear layer – Specification (EN 655:1996)
- zamijenjena s: HRN EN 655:2013
- HRN EN 670:2008 en
Elastične podne obloge – Identifikacija linoleuma i određivanje udjela veziva i pepela (EN 670:1997)
Resilient floor coverings – Identification of linoleum and determination of cement content and ash residue (EN 670:1997)
- zamijenjena s: HRN EN ISO 26985:2013
- HRN EN 685:2008 en
Elastične, tekstilne i laminatne podne obloge – Razredba (EN 685:2007)
Resilient, textile and laminate floor coverings – Classification (EN 685:2007)
- zamijenjena s: HRN EN ISO 10874:2013
- HRN EN 686:2004 en
Elastične podne obloge – Specifikacija za linoleum s uzorkom ili bez njega na pjenastoj podlozi (EN 686:1997)
Resilient floor coverings – Specification for plain and decorative linoleum on a foam backing (EN 686:1997)
- zamijenjena s: HRN EN 686:2013
- HRN EN 687:2004 en
Elastične podne obloge – Specifikacija za linoleum sa uzorkom ili bez njega na plutenoj podlozi (EN 687:1997)
Resilient floor coverings – Specification for plain and decorative linoleum on a corkment backing (EN 687:1997)
- zamijenjena s: HRN EN 687:2013

HRN EN 994:2004 en
Tekstilne podne obloge – Određivanje bočne dužine, pravokutnosti i ravnosti rubova ploča (EN 994:1995)
Textile floor coverings – Determination of the side length, squareness and straightness of tiles (EN 994:1995)
- zamijenjena s: HRN EN 994:2013

HZN/TO 503, Metalni materijali

HRN EN ISO 643:2003 en
Čelik – Mikrografsko određivanje prividne veličine zrna (ISO 643:2003; EN ISO 643:2003)
Steels – Micrographic determination of the apparent grain size (ISO 643:2003; EN ISO 643:2003)
- zamijenjena s: HRN EN ISO 643:2013

HRN EN 12258-1:2008 en,fr,de
Aluminij i aluminijeve legure – Nazivi i definicije – 1. dio: Opći nazivi (EN 12258-1:1998)
Aluminium and aluminium alloys – Terms and definitions – Part 1: General terms (EN 12258-1:1998)
- zamijenjena s: HRN EN 12258-1:2013

HRN EN 12449:2002 en
Bakar i bakrene legure – Bešavne okrugle cijevi opće namjene (EN 12449:1999)
Copper and copper alloys – Seamless, round tubes for general purposes (EN 12449:1999)
- zamijenjena s: HRN EN 12449:2013

HZN/TO 505, Prijenos i distribucija plina

HRN EN 12327:2001 en
Plinski opskrbni sustavi – Tlačna proba, procedura upuštanja u pogon i stavljanja izvan pogona plinovoda – Funkcionalni zahtjevi (EN 12327:2000)
Gas supply systems – Pressure testing, commissioning and decommissioning procedures – Functional requirements (EN 12327:2000)
- zamijenjena s: HRN EN 12327:2013

HZN/TO 519, Adhezivi

HRN EN 302-1:2005 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 1. dio: Određivanje čvrstoće prionljivosti u uzdužnoj posmičnoj čvrstoći (EN 302-1:2004)
Adhesives for load-bearing timber structures – Test methods – Part 1: Determination of bond strength in longitudinal tensile shear strength (EN 302-1:2004)
- zamijenjena s: HRN EN 302-1:2013

HRN EN 302-2:2005 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 2. dio: Određivanje otpornosti na raslojavanje (EN 302-2:2004)
Adhesives for load-bearing timber structures – Test methods – Part 2: Determination of resistance to delamination (EN 302-2:2004)
- zamijenjena s: HRN EN 302-2:2013

HRN EN 302-3:2005 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 3. dio: Određivanje učinka oštećenja kiselinom na drvena vlakna promjenom temperature i vlažnosti na poprečnu posmičnu čvrstoću (EN 302-3:2004)
Adhesives for load-bearing timber structures – Test methods – Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength (EN 302-3:2004)
- zamijenjena s: HRN EN 302-3:2013

HRN EN 302-3:2005/A1:2008 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 3. dio: Određivanje učinka oštećenja kiselinom na drvena vlakna promjenom temperature

i vlažnosti na poprečnu posmičnu čvrstoću (EN 302-3:2004/A1:2005)
Adhesives for load-bearing timber structures – Test methods – Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength (EN 302-3:2004/A1:2005)
- zamijenjena s: HRN EN 302-3:2013

HRN EN 302-4:2005 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 4. dio: Određivanje učinaka promjene dimenzija drveta na posmičnu čvrstoću (EN 302-4:2004)
Adhesives for load-bearing timber structures – Test methods – Part 4: Determination of the effects of wood shrinkage on the shear strength (EN 302-4:2004)
- zamijenjena s: HRN EN 302-4:2013

HRN ENV 302-5:2005 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 5. dio: Određivanje konvencionalnog vremena sklapanja (ENV 302-5:2001)
Adhesives for load-bearing timber structures – Test methods – Part 5: Determination of the conventional assembly time (ENV 302-5:2001)
- zamijenjena s: HRN EN 302-5:2013

HRN EN 302-6:2005 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 6. dio: Određivanje konvencionalnog vremena prešanja (EN 302-6:2004)
Adhesives for load-bearing timber structures – Test methods – Part 6: Determination of the conventional pressing time (EN 302-6:2004)
- zamijenjena s: HRN EN 302-6:2013

HRN EN 302-7:2005 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 7. dio: Određivanje konvencionalnog vremena (EN 302-7:2004)
Adhesives for load-bearing timber structures – Test methods – Part 7: Determination of the conventional working life (EN 302-7:2004)
- zamijenjena s: HRN EN 302-7:2013

HRN EN 828:2003 en
Adhezivi – Kvašenje – Određivanje mjerenjem kontaktnog kuta i kritične napetosti površine krute površine (EN 828:1997)
Adhesives – Wettability – Determination by measurement of contact angle and critical surface tension of solid surface (EN 828:1997)
- zamijenjena s: HRN EN 828:2013

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

HRN EN 502:2008 en
Krovopokrivački proizvodi od lima – Specifikacija za nenosive krovopokrivačke proizvode od nehrđajućeg čeličnog lima (EN 502:1999)
Roofing products from metal sheet – Specification for fully supported roofing products of stainless steel sheet (EN 502:1999)
- zamijenjena s: HRN EN 502:2013

HRN EN 505:2008 en
Krovopokrivački proizvodi od lima – Specifikacija za nenosive krovopokrivačke proizvode od čeličnog lima (EN 505:1999)
Roofing products from metal sheet – Specification for fully supported roofing products of steel sheet (EN 505:1999)
- zamijenjena s: HRN EN 505:2013

HRN EN 13984:2005 en
Savitljive hidroizolacijske trake – Plastične i elastomerne paronepropusne trake – Definicije i značajke (EN 13984:2004)
Flexible sheets for waterproofing – Plastic and rubber vapour control layers – Definitions and characteristics (EN 13984:2004)
- zamijenjena s: HRN EN 13984:2013

HRN EN 13984:2005/A1:2008 en
Savitljive hidroizolacijske trake – Plastične i elastomerne paronepropusne trake – Definicije i značajke (EN 13984:2004/A1:2006)
Flexible sheets for waterproofing – Plastic and rubber vapour control layers – Definitions and characteristics (EN 13984:2004/A1:2006)
- zamijenjena s: HRN EN 13984:2013

HRN EN 14783:2008 en
Nenosivi limovi i trake za pokrivanje krovova, vanjsko i unutrašnje oblaganje – Specifikacija proizvoda i zahtjevi (EN 14783:2006)
Fully supported metal sheet and strip for roofing, external cladding and internal lining – Product specification and requirements (EN 14783:2006)
- zamijenjena s: HRN EN 14783:2013

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

HRN EN 14985:2008 en
Granici – Portalni okretni granici (EN 14985:2007)
Cranes – Slewing jib cranes (EN 14985:2007)
- zamijenjena s: HRN EN 14985:2013

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

HRN DIN 764-1:2001 de
Lanci za transportere; klase 2, kalibrirani, korak 3,5d, ispitani (DIN 764-1:1992)
Round steel link chains for conveyors; grade 2, calibrated, pitch 3,5d, tested (DIN 764-1:1992)
- bez zamjene

HRN DIN 764-2:2001 de
Lanci za transportere; klase 3 kalibrirani, korak 3,5d, ispitani (DIN 764-2:1992)
Round steel link chains for conveyors; grade 3, calibrated, pitch 3,5d, tested (DIN 764-2:1992)
- bez zamjene

HRN ISO 4348:2004 en
Šarnirni lanci i pripadni lančanici za konvejere (ISO 4348:1983)
Flat-top chains and associated chain wheels for conveyors (ISO 4348:1983)
- bez zamjene

HRN DIN 5683-1:2002 de
Lanci za plutače (DIN 5683-1:1964)
Buoy chains (DIN 5683-1:1964)
- bez zamjene

HRN DIN 5683-2:2002 de
Škopci lanaca za plutače, vrtuljci, kuke sa vrtuljcima (DIN 5683-2:1966)
Buoy chains shackles, swivels, swivel hooks (DIN 5683-2:1966)
- bez zamjene

HRN DIN 5684-3:2001 de
Lanci za dizalice, klase 8, kalibrirani, ispitani (DIN 5684-3:1984)
Round steel link chains for lifting purposes, grade 8, calibrated, tested (DIN 5684-3:1984)
- bez zamjene

HRN DIN 5685:2001 de
Lanci, poludugih i dugih karika, neispitani (DIN 5685:1991)
Round steel link chains; semi-and long link, not tested (DIN 5685:1991)
- bez zamjene

HRN DIN 22252:2001 de
Lanci za transportere i naprave u rudarstvu, kalibrirani i ispitani (DIN 22252:1993)
Steel chains (round link) for use with conveyors and coal – getting equipment in mining; calibrated, tested (DIN 22252:1993)
- bez zamjene

HRN DIN 82101:2001 de
Škopci (DIN 82101:1976)
Shackles (DIN 82101:1976)
- bez zamjene

HZN/TO 531, *Plastika i guma*

HRN EN ISO 472:2007 hr,en,fr,de
Plastika – Rječnik (ISO 472:1999; EN ISO 472:2001)
Plastics – Vocabulary (ISO 472:1999; EN ISO 472:2001)
- zamijenjena s: HRN EN ISO 472:2013

HRN EN ISO 4892-2:2008 en
Plastika – Metode izlaganja izvorima svjetla u laboratoriju – 2. dio: Izvori ksenonskog svjetla (ISO 4892-2:2006; EN ISO 4892-2:2006)
Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps (ISO 4892-2:2006; EN ISO 4892-2:2006)
- zamijenjena s: HRN EN ISO 4892-2:2013

HRN EN ISO 4892-2:2008/A1:2010 en
Plastika – Metode izlaganja izvorima svjetla u laboratoriju – 2. dio: Ksenonske lampe – Amandman 1 (ISO 4892-2:2006/Amd 1:2009; EN ISO 4892-2:2006/A1:2009)
Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps – Amendment 1 (ISO 4892-2:2006/Amd 1:2009; EN ISO 4892-2:2006/A1:2009)
- zamijenjena s: HRN EN ISO 4892-2:2013

HRN ISO 11357-3:2009 en
Plastika – Diferencijalna pretražna kalorimetrija – 3. dio: Određivanje tališta, kristališta i topline taljenja i kristalizacije (ISO 11357-3:1999+Amd 1:2005)
Plastics – Differential scanning calorimetry (DSC) – Part 3: Determination of temperature and enthalpy of melting and crystallization (ISO 11357-3:1999+Amd 1:2005)
- zamijenjena s: HRN EN ISO 11357-3:2013

HRN ISO 11357-4:2009 en
Plastika – Diferencijalna pretražna kalorimetrija – 4. dio: Određivanje specifičnoga toplinskog kapaciteta (ISO 11357-4:2005)
Plastics – Differential scanning calorimetry (DSC) – Part 4: Determination of specific heat capacity (ISO 11357-4:2005)
- zamijenjena s: HRN EN ISO 11357-4:2013

HRN ISO 11357-6:2009 en
Plastika – Diferencijalna pretražna kalorimetrija – 6. dio: Određivanje indukcijskog vremena oksidacije (izotermna OIT) i indukcijske temperature oksidacije (dinamička OIT) (ISO 11357-6:2008)
Plastics – Differential scanning calorimetry (DSC) – Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) (ISO 11357-6:2008)
- zamijenjena s: HRN EN ISO 11357-6:2013

HRN ISO 11357-7:2009 en
Plastika – Diferencijalna pretražna kalorimetrija – 7. dio: Određivanje kinetika kristalizacije (ISO 11357-7:2002)
Plastics – Differential scanning calorimetry (DSC) – Part 7: Determination of crystallization kinetics (ISO 11357-7:2002)
- zamijenjena s: HRN EN ISO 11357-7:2013

HRN EN ISO 14910-1:2008 en
Plastika – Poliester/esterski i polieter/esterski elastoplastomeri za kalupljenje i ekstrudiranje – 1. dio: Sustav označivanja i osnove za specifikacije (ISO 14910-1:1997; EN ISO 14910-1:2006)
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 1: Designation system and basis for specifications (ISO 14910-1:1997; EN ISO 14910-1:2006)
- zamijenjena s: HRN EN ISO 14910-1:2013

HRN EN ISO 14910-2:2008 en
Plastika – Poliester/esterski i polieter/esterski elastoplastomeri za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 14910-2:1997; EN ISO 14910-2:2006)
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 2: Preparation of test specimens and determination of properties (ISO 14910-2:1997; EN ISO 14910-2:2006)
- zamijenjena s: HRN EN ISO 14910-2:2013

HZN/TO 532, Dimnjaci

HRN EN 1859:2010 en
Dimnjaci – Metalni dimnjaci – Ispitne metode (EN 1859:2009)
Chimneys – Metal chimneys – Test methods (EN 1859:2009)
- zamijenjena s: HRN EN 1859:2013

HZN/TO 534, Spremnici za teret

HRN EN 13081:2009 en
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Spojke sabirača para (EN 13081:2008)
Tanks for transport of dangerous goods – Service equipment for tanks – Vapour collection adaptor and coupler (EN 13081:2008)
- zamijenjena s: HRN EN 13081:2013

HRN EN 13082:2009 en
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)
- zamijenjena s: HRN EN 13082:2013

HRN EN 13352:2004 en
Specifikacija za automatske mjerne parametara sadržaja u spremniku (EN 13352:2002)
Specification for the performance of automatic tank contents gauges (EN 13352:2002)
- zamijenjena s: HRN EN 13352:2013

HRN EN 13617-4:2008 en
Postaje za punjenje goriva – 4. dio: Sigurnosni zahtjevi kod konstrukcije i izvedbe vrtljaka za upotrebu na mjernim pumpama i uređajima za istakanje (EN 13617-4:2004)
Petrol filling stations – Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers (EN 13617-4:2004)
- zamijenjena s: HRN EN 13617-4:2013

HZN/TO 535, Agregati

HRN EN 933-9:2009 en
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)
- zamijenjena s: HRN EN 933-9:2013

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

HRN CEN/TS 13126-9:2005 en
Građevni okovi, pribor za prozore i prozorska vrata – Zahtjevi i ispitne metode – 9. dio: Prevrtné šarke (CEN/TS 13126-9:2004)
Building hardware, fittings for windows and door height windows – Requirements and test methods – Part 9: Pivot hinges (CEN/TS 13126-9:2004)
- zamijenjena s: HRN EN 13126-9:2013

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

HRN ISO 3040:2010 en
Geometrijske specifikacije proizvoda (GSP) – Kotiranje i tolerancije – Stošci (ISO 3040:2009)
Geometrical product specifications (GPS) – Dimensioning and tolerancing – Cones (ISO 3040:2009)
- zamijenjena s: HRN EN ISO 3040:2013

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

HRN EN 13142:2004 en
Ventilacija u zgradama – Dijelovi/proizvodi za stambenu ventilaciju – Zahtjevi i dodatne značajke (EN 13142:2004)
Ventilation for buildings – Components/products for residential ventilation – Required and optional performance characteristics (EN 13142:2004)
- zamijenjena s: HRN EN 13142:2013

HZN/TO 543, Poštanske usluge

HRN EN 13850:2007 en
Poštanske usluge – Kvaliteta usluga – Mjerenje vremena prijena pojedinačne prioritetne pošiljke od prijama do uručenja (EN 13850:2002+A1:2007)
Postal service – Quality of service – Measurement of the transit time of end-to-end-services for single piece priority mail and first class mail (EN 13850:2002+A1:2007)
- zamijenjena s: HRN EN 13850:2013

HZN/TO 548, Konstrukcijski eurokodovi

HRN EN 1992-1-1:2008 en
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade (EN 1992-1-1:2004+AC:2008)
Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings (EN 1992-1-1:2004+AC:2008)
- zamijenjena s: HRN EN 1992-1-1:2013

HRN EN 1992-1-1:2008/Ispr.1:2011 en
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade (EN 1992-1-1:2004/AC:2010)
Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings (EN 1992-1-1:2004/AC:2010)
- zamijenjena s: HRN EN 1992-1-1:2013

HRN EN 1992-1-2:2008 en
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-2: Opća pravila – Projektiranje konstrukcija na djelovanje požara (EN 1992-1-2:2004+AC:2008)
Eurocode 2: Design of concrete structures – Part 1-2: General rules – Structural fire design (EN 1992-1-2:2004+AC:2008)
- zamijenjena s: HRN EN 1992-1-2:2013

HRN EN 1992-2:2008 en
Eurokod 2: Projektiranje betonskih konstrukcija –
2. dio: Betonski mostovi – Proračun i pravila oblikovanja
pojediniosti (EN 1992-2:2005+AC:2008)
Eurocode 2: Design of concrete structures – Part 2:
Concrete bridges – Design and detailing rules
(EN 1992-2:2005+AC:2008)
- zamijenjena s: HRN EN 1992-2:2013

HRN EN 1992-3:2008 en
Eurokod 2: Projektiranje betonskih konstrukcija –
3. dio: Spremnici tekućina i rastresitih materijala
(EN 1992-3:2006)
Eurocode 2: Design of concrete structures – Part 3:
Liquid retaining and containment structures
(EN 1992-3:2006)
- zamijenjena s: HRN EN 1992-3:2013

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 40-3-1:2008 en
Rasvjetni stupovi – Dio 3-1: Projektiranje i verifikacija
– Specifikacija za karakteristična opterećenja
(EN 40-3-1:2000)
Lighting columns – Part 3-1: Design and verification –
Specification for characteristic loads (EN 40-3-1:2000)
- zamijenjena s: HRN EN 40-3-1:2013

HRN EN 40-3-2:2008 en
Rasvjetni stupovi – Dio 3-2: Projektiranje i verifikacija
– Verifikacija ispitivanjem (EN 40-3-2:2000)
Lighting columns – Part 3-2: Design and verification –
Verification by testing (EN 40-3-2:2000)
- zamijenjena s: HRN EN 40-3-2:2013

HRN EN 40-3-3:2008 en
Rasvjetni stupovi – Dio 3-3: Projektiranje i verifikacija
– Verifikacija proračunom (EN 40-3-3:2003)
Lighting columns – Part 3-3: Design and verification –
Verification by calculation (EN 40-3-3:2003)
- zamijenjena s: HRN EN 40-3-3:2013

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 105-E01:2010 en
Tekstil – Ispitivanje postojanosti obojenja – Dio E01:
Postojanost obojenja na vodu (ISO 105-E01:2010;
EN ISO 105-E01:2010)
Textiles – Tests for colour fastness – Part E01: Colour
fastness to water (ISO 105-E01:2010;
EN ISO 105-E01:2010)
- zamijenjena s: HRN EN ISO 105-E01:2013

HRN EN ISO 105-E02:2003 en
Tekstil – Ispitivanje postojanosti obojenja – Dio E02:
Postojanost obojenja na morsku vodu
(ISO 105-E02:1994; EN ISO 105-E02:1996)
Textiles – Tests for colour fastness – Part E02: Colour
fastness to sea water (ISO 105-E02:1994;
EN ISO 105-E02:1996)
- zamijenjena s: HRN EN ISO 105-E02:2013

HRN EN ISO 105-E04:2009 en
Tekstilije – Ispitivanje postojanosti obojenja – Dio E04:
Postojanost obojenja na znoj (ISO 105-E04:2008;
EN ISO 105-E04:2009)
Textiles – Tests for colour fastness – Part E04: Colour
fastness to perspiration (ISO 105-E04:2008;
EN ISO 105-E04:2009)
- zamijenjena s: HRN EN ISO 105-E04:2013

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

HRN EN 14678-1:2009 en
Oprema i pribor za UNP – Izvedba i značajke opreme
za UNP na stanicama za punjenje motornih vozila –
1. dio: Uređaji za istakanje (EN 14678-1:2006+A1:2009)
LPG equipment and accessories – Construction and
performance of LPG equipment for automotive filling
stations – Part 1: Dispensers
(EN 14678-1:2006+A1:2009)
- zamijenjena s: HRN EN 14678-1:2013

HRN EN 14894:2012 en
Oprema i pribor za UNP – Boce i spremnici, označavanje
(EN 14894:2011)
LPG equipment and accessories – Cylinder and drum
marking (EN 14894:2011)
- zamijenjena s: HRN EN 14894:2013

HZN/TO 562, Alatni strojevi i alati

HRN EN 848-1:2010 en
Sigurnost strojeva za obradu drva – Jednostrani
strojevi za oblikovanje kalupa rotirajućim alatom – 1.
dio: Jednovretni strojevi za vertikalno oblikovanje
kalupa (EN 848-1:2007+A1:2009)
Safety of woodworking machines – One side moulding
machines with rotating tool – Part 1: Single spindle
vertical moulding machines (EN 848-1:2007+A1:2009)
- zamijenjena s: HRN EN 848-1:2013

HRN EN 848-2:2010 en
Sigurnost strojeva za obradu drva – Jednostrani
strojevi za oblikovanje kalupa rotirajućim alatom –
2. dio: Jednovretni strojevi vođeni ručno ili s ugrađenim
vođenjem po krivulji (EN 848-2:2007+A1:2009)
Safety of woodworking machines – One side moulding
machines with rotating tool – Part 2: Single spindle
hand fed/integrated fed routing machines
(EN 848-2:2007+A1:2009)
- zamijenjena s: HRN EN 848-2:2013

HRN EN 859:2010 en
Sigurnost strojeva za obradu drva – Ručno vođeni
strojevi za blanjanje površine (EN 859:2007+A1:2009)
Safety of woodworking machines – Hand fed surface
planing machines (EN 859:2007+A1:2009)
- zamijenjena s: HRN EN 859:2013

HRN EN 860:2010 en
Sigurnost strojeva za obradu drva – Strojevi za
jednostrano blanjanje (EN 860:2007+A1:2009)
Safety of woodworking machines – One side thickness
planing machines (EN 860:2007+A1:2009)
- zamijenjena s: HRN EN 860:2013

HRN EN 861:2010 en
Sigurnost strojeva za obradu drva – Strojevi za
blanjanje površina i blanjanje na debljinu
(EN 861:2007+A1:2009)
Safety of woodworking machines – Surface planing
and thicknessing machines (EN 861:2007+A1:2009)
- zamijenjena s: HRN EN 861:2013

HRN EN 1870-5:2010 en
Sigurnost strojeva za obradu drva – Kružne pile –
5. dio: Kružne pile sa stolovima/potezno-poprečne pile
(EN 1870-5:2002+A1:2009)
Safety of woodworking machines – Circular sawing
machines – Part 5: Circular sawbenches/up-cutting
cross-cut sawing machines (EN 1870-5:2002+A1:2009)
- zamijenjena s: HRN EN 1870-5:2013

HRN EN 1870-9:2010 en
Sigurnost strojeva za obradu drveta – Kružne pile –
9. dio: Kružne pile s dvije pile za poprečno rezanje
s ugrađenim posmakom i ručnim ulaganjem i/ili
odlaganjem (EN 1870-9:2000+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 1870-9:2000+A1:2009)
- zamijenjena s: HRN EN 1870-9:2013

HRN EN 1870-15:2011 en
Sigurnost strojeva za obradu drveta – Kružne pile –
15. dio: Višelistne kružne pile s ugrađenim posmakom
obratka i ručnim ulaganjem i/ili odlaganjem
(EN 1870-15:2004+A1:2009)
Safety of woodworking machines – Circular sawing
machines – Part 15: Multiblade cross-cut sawing
machines with integrated feed of the workpiece and
manual loading and/or unloading
(EN 1870-15:2004+A1:2009)
- zamijenjena s: HRN EN 1870-15:2013

HZN/TO E2, Rotacijski strojevi

HRN EN 60034-4:2007 hr
Rotacijski električni strojevi – 4. dio: Metode za određivanje parametara sinkronih strojeva ispitivanjima (IEC 60034-4:1985; EN 60034-4:1995, preinačena)
Rotating electrical machines – Part 4: Methods for determining synchronous machine quantities from tests (IEC 60034-4:1985; EN 60034-4:1995, MOD)
- zamijenjena s: HRN EN 60034-4:2012

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom

HRN EN 50160:2008 en
Naponske karakteristike električne energije iz javnog distribucijskog sustava (EN 50160:2007)
Voltage characteristics of electricity supplied by public distribution networks (EN 50160:2007)
- zamijenjena s: HRN EN 50160:2012

HRN IEC 60242:1998 en
Normirane frekvencije za instalacije centraliziranog upravljanja mrežama (IEC 60242:1967)
Standard frequencies for centralised network control installations (IEC 60242:1967)
- bez zamjene

HZN/TO E9, Električna oprema za željeznicu

HRN IEC 61375-1:2001 en
Oprema za željeznička vozila – Informacijska sabirnica vlaka – 1. dio: Komunikacijska mreža vlaka (IEC 61375-1:1999)
Electric railway equipment – Train bus – Part 1: Train Communication Network (IEC 61375-1:1999)
- zamijenjena s: HRN EN 61375-1:2013

HZN/TO E14, Energetski transformatori

HRN EN 60289:2008 en
Prigušnice (IEC 60289:1988, MOD; EN 60289:1994)
Reactors (IEC 60289:1988, MOD; EN 60289:1994)
- zamijenjena s: HRN EN 60076-6:2009

HRN EN 60289:2008/A11:2008 en
Prigušnice (EN 60289:1994/A11:2002)
Reactors (EN 60289:1994/A11:2002)
- zamijenjena s: HRN EN 60076-6:2009

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

HRN IEC 60544-1:2001 en
Električni izolacijski materijali – Određivanje učinaka ionizirajućeg zračenja – 1. dio: Djelovanje zračenja i mjerenje doze (IEC 60544-1:1994)
Electrical insulating materials – Determination of the effects of ionizing radiation – Part 1: Radiation interaction and dosimetry (IEC 60544-1:1994)
- zamijenjena s: HRN EN 60544-1:2005

HZN/TO E55, Žice za namote

HRN EN 60851-3:2001 en
Žice za namote – Ispitne metode – 3. dio: Mehanička svojstva (IEC 60851-3:1996+A1:1997; EN 60851-3:1996+A1:1997)
Winding wires – Test methods – Part 3: Mechanical properties (IEC 60851-3:1996+A1:1997; EN 60851-3:1996+A1:1997)
- zamijenjena s: HRN EN 60851-3:2013

HRN EN 60851-3:2001/A2:2008 en
Žice za namote – Ispitne metode – 3. dio: Mehanička svojstva (IEC 60851-3:1996/am2:2003; EN 60851-3:1996/A2:2003)
Winding wires – Test methods – Part 3: Mechanical properties (IEC 60851-3:1996/am2:2003; EN 60851-3:1996/A2:2003)
- zamijenjena s: HRN EN 60851-3:2013

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

HRN IEC 60544-2:2001 en
Upute za određivanje učinka ionizirajućeg zračenja na izolacijske materijale – 2. dio: Postupci za ozračivanje i analiza (IEC 60544-2:1991)
Guide for determining the effects of ionizing radiation on insulating materials – Part 2: Procedures for irradiation and test (IEC 60544-2:1991)
- zamijenjena s: HRN EN 60544-2:2013

HRN IEC 60544-2:2005 en
Upute za određivanje učinka ionizacijskog zračenja na izolacijske materijale – 2. dio: Postupci za ozračivanje i ispitivanje (IEC 60544-2:1991)
Guide for determining the effects of ionizing radiation on insulating materials – Part 2: Procedures for irradiation and test (IEC 60544-2:1991)
- zamijenjena s: HRN EN 60544-2:2013

HRN EN 61857-1:2008 en
Električni izolacijski sustavi – Postupci za procjenu toplinskih svojstava – 1. dio: Opći zahtjevi – Niski napon (IEC 61857-1:2004; EN 61857-1:2005)
Electrical insulation systems – Procedures for thermal evaluation – Part 1: General requirements – Low-voltage (IEC 61857-1:2004; EN 61857-1:2005)
- zamijenjena s: HRN EN 61857-1:2009

HRN EN 61857-22:2005 en
Električni izolacijski sustavi – Postupci za procjenu toplinskih svojstava – 22. dio: Posebni zahtjevi za model oklopljenog svitka – Žičani namoti električnog izolacijskog sustava (EIS) (IEC 61857-22:2002; EN 61857-22:2002)
Electrical insulation systems – Procedures for thermal evaluation – Part 22: Specific requirements for encapsulated-coil model – Wire-wound electrical insulation system (EIS) (IEC 61857-22:2002; EN 61857-22:2002)
- zamijenjena s: HRN EN 61857-22:2009

HZN/TO Z1, Informacijska tehnologija

HRN ISO/IEC 10118-2:2008 en
Informacijska tehnologija – Sigurnosne tehnike – Hash-funkcije – 2. dio: Hash-funkcije koje rabe kriptranje u n-bitnim blokovima (ISO/IEC 10118-2:2000+Cor 2:2007)
Information technology – Security techniques – Hash-functions – Part 2: Hash-functions using an n-bit block cipher (ISO/IEC 10118-2:2000+Cor 2:2007)
- zamijenjena s: HRN ISO/IEC 10118-2:2013

HRN ISO/IEC 15408-1:2008 en
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 1. dio: Uvod i opći model (ISO/IEC 15408-1:2005)
Information technology – Security techniques – Evaluation criteria for IT security – Part 1: Introduction and general model (ISO/IEC 15408-1:2005)
- zamijenjena s: HRN ISO/IEC 15408-1:2013

HRN ISO/IEC 15408-2:2008 en
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 2. dio: Funkcionalni zahtjevi za sigurnost (ISO/IEC 15408-2:2005)
Information technology – Security techniques – Evaluation criteria for IT security – Part 2: Security functional requirements (ISO/IEC 15408-2:2005)
- zamijenjena s: HRN ISO/IEC 15408-2:2013

HRN ISO/IEC 15408-3:2008 en
Informacijska tehnologija – Sigurnosne tehnike
– Kriteriji za vrednovanje sigurnosti IT-a – 3. dio:
Jamstveni zahtjevi za sigurnost
(ISO/IEC 15408-3:2005)
Information technology – Security techniques –
Evaluation criteria for IT security – Part 3: Security
assurance requirements (ISO/IEC 15408-3:2005)
- zamijenjena s: HRN ISO/IEC 15408-3:2013

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

HRN EN 13869:2008 en
Lighters – Child-resistance for lighters – Safety
requirements and test methods (EN 13869:2002)
- zamijenjena s: HRN EN 13869:2013

HZN/TU I1, Strojarstvo 1

HRN EN 12601:2008 en
Reciprocating internal combustion engine driven
generating sets – Safety (EN 12601:2001)
- zamijenjena s: HRN EN 12601:2013

HZN/TU I2, Strojarstvo 2

HRN EN 12001:2010 en
Conveying, spraying and placing machines for
concrete and mortar – Safety requirements
(EN 12001:2003+A1:2009)
- zamijenjena s: HRN EN 12001:2013

HRN EN ISO 19432:2008 en
Building construction machinery and equipment –
Portable, hand-held, internal combustion engine driven
cut-off machines – Safety requirements and testing
(ISO 19432:2006; EN ISO 19432:2008)
- zamijenjena s: HRN EN ISO 19432:2013

HZN/TU M1, Metalni materijali 1

HRN EN ISO 2739:2011 en
Sintered metal bushes – Determination of radial
crushing strength (ISO 2739:2006; EN ISO 2739:2010)
- zamijenjena s: HRN EN ISO 2739:2013

HRN EN ISO 3953:2008 en
Metallic powders – Determination of tap density
(ISO 3953:1993; EN ISO 3953:1995)
- zamijenjena s: HRN EN ISO 3953:2013

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

HRN EN 2267-002:2008 en
Aerospace series – Cables, electrical, for general
purpose – Operating temperatures between – 55 °C
and 260 °C – Part 002: General (EN 2267-002:2005)
- zamijenjena s: HRN EN 2267-002:2013

HRN EN 2267-009:2008 en
Aerospace series – Cables, electrical, for general
purpose – Operating temperatures between – 55 °C
and 260 °C – Part 009: DRA family, single and multicore
assembly – Product standard (EN 2267-009:2005)
- zamijenjena s: HRN EN 2267-009:2013

HRN EN 2591-214:2008 en
Aerospace series – Elements of electrical and optical
connection – Test methods – Part 214: Lightning strike,
current and voltage pulse (EN 2591-214:2005)
- zamijenjena s: HRN EN 2591-214:2013

HRN EN 2714-002:2008 en
Aerospace series – Cables, electrical, single and
multicore for general purpose – Operating temperatures
between – 55 °C and 260 °C – Part 002: Screened and
jacketed – General (EN 2714-002:2005)
- zamijenjena s: HRN EN 2714-002:2013

HRN EN 3660-025:2011 en
Aerospace series – Cable outlet accessories for circular
and rectangular electrical and optical connectors –
Part 025: Cable outlet, style A, straight, unsealed, with
cable tie strain relief for EN 3646 – Product standard
(EN 3660-025:2009)
- zamijenjena s: HRN EN 3660-025:2013

HRN EN 3660-027:2011 en
Aerospace series – Cable outlet accessories for circular
and rectangular electrical and optical connectors –
Part 027: Cable outlet, style A, 45°, unsealed, with
cable tie strain relief for EN 3646 – Product standard
(EN 3660-027:2009)
- zamijenjena s: HRN EN 3660-027:2013

HRN EN 3682-003:2008 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 003: Inserts – Product standard
(EN 3682-003:2006)
- zamijenjena s: HRN EN 3682-003:2013

HRN EN 3682-004:2008 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 004: Size 2 receptacle – Product standard
(EN 3682-004:2006)
- zamijenjena s: HRN EN 3682-004:2013

HRN EN 3682-005:2008 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 005: Size 2 plug – Product standard
(EN 3682-005:2006)
- zamijenjena s: HRN EN 3682-005:2013

HRN EN 3682-006:2008 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 006: Size 3 receptacle – Product standard
(EN 3682-006:2006)
- zamijenjena s: HRN EN 3682-006:2013

HRN EN 3682-007:2008 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 007: Size 3 plug – Product standard
(EN 3682-007:2006)
- zamijenjena s: HRN EN 3682-007:2013

HRN EN 3682-008:2008 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 008: Size 4 receptacle – Product standard
(EN 3682-008:2006)
- zamijenjena s: HRN EN 3682-008:2013

HRN EN 3682-009:2008 en
Aerospace series – Connectors, plug and receptacle,
electrical, rectangular, interchangeable insert type,
rack to panel, operating temperature 150 °C continuous
– Part 009: Size 4 plug – Product standard
(EN 3682-009:2006)
- zamijenjena s: HRN EN 3682-009:2013

HRN EN 15918:2012 en
Cycles – Cycle trailer – Safety requirements and test
methods (EN 15918:2011)
- zamijenjena s: HRN EN 15918:2013

HRS CEN/TS 45545-1:2010 en
Railway applications – Fire protection on railway
vehicles – Part 1: General (CEN/TS 45545-1:2009)
- zamijenjena s: HRN EN 45545-1:2013

- HRS CEN/TS 45545-3:2010 en
Railway applications – Fire protection on railway vehicles – Part 3: Fire resistance requirements for fire barriers (CEN/TS 45545-3:2009)
- zamijenjena s: HRN EN 45545-3:2013
- HRS CEN/TS 45545-6:2010 en
Railway applications – Fire protection on railway vehicles – Part 6: Fire control and management systems (CEN/TS 45545-6:2009)
- zamijenjena s: HRN EN 45545-6:2013

HZNTU U1, *Opća elektrotehnika 1*

- HRN EN 60974-10:2008 en
Arc welding equipment – Part 10: Electromagnetic compatibility (EMC) requirements (IEC 60974-10:2002, MOD; EN 60974-10:2003)
- zamijenjena s: HRN EN 60974-10:2009

HZNTU V1, *Elektronika 1*

- HRN EN 140401-803:2008 en
Detail specification – Fixed low power non wire-wound surface mount (SMD) resistors – Cylindrical – Stability classes 0,05; 0,1; 0,25; 0,5; 1; 2 (EN 140401-803:2002+A1:2003)
- zamijenjena s: HRN EN 140401-803:2009

1.6 Ispravci hrvatskih norma

U popisima hrvatskih norma objavljenim u ranijim brojevima službenog glasila potkrale su se pogreške.

Niže navodimo ispravne oznake i naslove hrvatskih norma.

HZNTO 22, *Cestovna vozila*

- **umjesto**
- HRN EN 1645-1:2012
Vozila za odmor – Kamp-prikolice – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1645-1:2012)
Leisure accommodation vehicles – Caravans – Part 1: Habitation requirements relating to health and safety (EN 1645-1:2012)
- **treba biti**
- HRN EN 1645-1:2012
Vozila za odmor – Prikolice za stanovanje (kamp-prikolice) – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1645-1:2012)
Leisure accommodation vehicles – Caravans – Part 1: Habitation requirements relating to health and safety (EN 1645-1:2012)
- **umjesto**
- HRN EN 1646-1:2012
Vozila za odmor – Motorne kamp-prikolice – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1646-1:2012)
Leisure accommodation vehicles – Motor caravans – Part 1: Habitation requirements relating to health and safety (EN 1646-1:2012)
- **treba biti**
- HRN EN 1646-1:2012
Vozila za odmor – Motorna vozila za stanovanje – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1646-1:2012)
Leisure accommodation vehicles – Motor caravans – Part 1: Habitation requirements relating to health and safety (EN 1646-1:2012)
- **umjesto**

- HRN EN 1647:2012
Vozila za odmor – Kamp-kućice – Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1647:2012)
Leisure accommodation vehicles – Caravan holiday homes – Habitation requirements relating to health and safety (EN 1647:2012)

- **treba biti**

- HRN EN 1647:2012
Vozila za odmor – Pokretni domovi za stanovanje – Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1647:2012)
Leisure accommodation vehicles – Caravan holiday homes – Habitation requirements relating to health and safety (EN 1647:2012)

- **umjesto**

- HRN EN 1648-1:2012
Vozila za odmor – Električne instalacije za istosmjernu struju vrlo niskoga napona od 12 V – 1. dio: Kamp-prikolice (EN 1648-1:2012)
Leisure accommodation vehicles – 12 V direct current extra low voltage electrical installations – Part 1: Caravans (EN 1648-1:2012)

- **treba biti**

- HRN EN 1648-1:2012
Vozila za odmor – Električne instalacije za istosmjernu struju vrlo niskoga napona od 12 V – 1. dio: Prikolice za stanovanje (kamp-prikolice) (EN 1648-1:2012)
Leisure accommodation vehicles – 12 V direct current extra low voltage electrical installations – Part 1: Caravans (EN 1648-1:2012)

- **umjesto**

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

- **treba biti**

- HRN EN 1648-2:2012
Vozila za odmor – Električne instalacije za istosmjernu struju vrlo niskoga napona od 12 V – 2. dio: Motorna vozila za stanovanje (EN 1648-2:2012)
Leisure accommodation vehicles – 12 V direct current extra low voltage electrical installations – Part 2: Motor caravans (EN 1648-2:2012)

HZNTO 511, *Eksplozivi za civilnu uporabu*

- **umjesto**
- HRN EN 16261-2:2013
Pirotehnička sredstva – Pirotehnika (Vatrometi), Kategorija 4 – 2. dio: Zahtjevi (EN 16261-2:2013)
Pyrotechnic articles – Fireworks, Category 4 – Part 2: Requirements (EN 16261-2:2013)
- **treba biti**
- HRN EN 16261-2:2013
Pirotehnički proizvodi – Pirotehnika (Vatrometi), kategorija 4 – 2. dio: Zahtjevi (EN 16261-2:2013)
Pyrotechnic articles – Fireworks, Category 4 – Part 2: Requirements (EN 16261-2:2013)

HZNTO 531, *Plastika i guma*

- **umjesto**
- HRN EN ISO 8330:2008
Gumena i plastična crijeva i crijevni – Terminološki riječnik (ISO 8330:2007; EN ISO 8330:2008)
Rubber and plastics hoses and hose assemblies – Vocabulary (ISO 8330:2007; EN ISO 8330:2008)

- **treba biti**

HRN EN ISO 8330:2008

Gumena i plastična crijeva i crijevni sklopovi – Terminološki rječnik (ISO 8330:2007; EN ISO 8330:2008)
Rubber and plastics hoses and hose assemblies – Vocabulary (ISO 8330:2007; EN ISO 8330:2008)

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

- **umjesto**

HRN EN 12542:2010

Oprema i pribor za UNP – Stabilni, nadzemni, zavareni čelični cilindrični spremnici, serijski proizvedeni za skladištenje ukapljenog naftnog plina (UNP) volumena do 13 m³ – Projektiranje i proizvodnja (EN 12542:2010)
LPG equipment and accessories – Static welded steel cylindrical tanks, serially produced for the storage of Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m³ – Design and manufacture (EN 12542:2010)

- **treba biti**

HRN EN 12542:2010

Oprema i pribor za UNP – Stabilni, zavareni čelični cilindrični spremnici, serijski proizvedeni za skladištenje ukapljenog naftnog plina (UNP) volumena do 13 m³ – Projektiranje i proizvodnja (EN 12542:2010)
LPG equipment and accessories – Static welded steel cylindrical tanks, serially produced for the storage of Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m³ – Design and manufacture (EN 12542:2010)

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

- **umjesto**

HRN EN 60544-4:2005

Električni izolacijski materijali – Određivanje učinka ionizacijskog zračenja – 4. dio: Razredbeni sustav za uslugu u ozračenim okolišima (IEC 60544-4:2003; EN 60544-4:2003)
Electrical insulating materials – Determination of the effects of ionizing radiation – Part 4: Classification system for service in radiation environments (IEC 60544-4:2003; EN 60544-4:2003)

- **treba biti**

HRN EN 60544-4:2005

Električni izolacijski materijali – Određivanje učinaka ionizacijskog zračenja – 4. dio: Razredbeni sustav za rad u ozračenim okolišima (IEC 60544-4:2003; EN 60544-4:2003)
Electrical insulating materials – Determination of the effects of ionizing radiation – Part 4: Classification system for service in radiation environments (IEC 60544-4:2003; EN 60544-4:2003)

- **umjesto**

HRN EN 60544-5:2005

Električni izolacijski materijali – Određivanje učinka ionizacijskog zračenja – 5. dio: Postupci za ocjenjivanje starosti u usluzi (IEC 60544-5:2003; EN 60544-5:2003)
Electrical insulating materials – Determination of the effects of ionizing radiation – Part 5: Procedures for assessment of ageing in service (IEC 60544-5:2003; EN 60544-5:2003)

- **treba biti**

HRN EN 60544-5:2005

Električni izolacijski materijali – Određivanje učinaka ionizacijskog zračenja – 5. dio: Postupci za procjenu starenja tijekom rada (IEC 60544-5:2003; EN 60544-5:2003)

Electrical insulating materials – Determination of the effects of ionizing radiation – Part 5: Procedures for assessment of ageing in service (IEC 60544-5:2003; EN 60544-5:2003)

HZN/TO T4, *Normizacija u telekomunikacijama*

- **umjesto**

HRN EN 302 885-1 V0.0.3:2011

Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prijenosna radiotelefonska oprema vrlo visoke frekvencije (VHF) za pomorsku pokretnu službu koja radi u VHF pojasevima sa integriranim dlanovnikom klase D DSC (EN 302 885-1 V0.0.3:2010)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Part 1: Technical characteristics and methods of measurement (EN 302 885-1 V0.0.3:2010)

- **treba biti**

HRN EN 302 885-1 V1.1.1:2011

Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prenosiva VHF radiotelefonska oprema za pomorsku pokretnu službu u VHF pojasevima s integriranim digitalnim selektivnim pozivom DSC razreda D – 1. dio: Tehničke karakteristike i metode ispitivanja (EN 302 885-1 V1.1.1:2011)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Part 1: Technical characteristics and methods of measurement (EN 302 885-1 V1.1.1:2011)

- **umjesto**

HRS ETSI/TS 101 733 V1.8.3:2012

Elektronički potpisi i infrastrukture (ESI) – Usavršeni elektronički potpisi u CMS-u (CAAdES) (ETSI/TS 101 733 V1.8.3:2011)
Electronic Signatures and Infrastructures (ESI) – CMS Advanced Electronic Signatures (CAAdES) (ETSI/TS 101 733 V1.8.3:2011)

- **treba biti**

HRS ETSI/TS 101 733 V1.8.3:2012

Elektronički potpisi i infrastrukture (ESI) – Napredni elektronički potpisi u CMS-u (CAAdES) (ETSI/TS 101 733 V1.8.3:2011)
Electronic Signatures and Infrastructures (ESI) – CMS Advanced Electronic Signatures (CAAdES) (ETSI/TS 101 733 V1.8.3:2011)

- **umjesto**

HRS ETSI/TS 101 733 V2.1.1:2012

Elektronički potpisi i infrastrukture (ESI) – Usavršeni elektronički potpisi u CMS-u (CAAdES) (ETSI/TS 101 733 V2.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – CMS Advanced Electronic Signatures (CAAdES) (ETSI/TS 101 733 V2.1.1:2012)

- **treba biti**

HRS ETSI/TS 101 733 V2.1.1:2012

Elektronički potpisi i infrastrukture (ESI) – Napredni elektronički potpisi u CMS-u (CAAdES) (ETSI/TS 101 733 V2.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – CMS Advanced Electronic Signatures (CAAdES) (ETSI/TS 101 733 V2.1.1:2012)

- **umjesto**
- HRS ETSI/TS 101 903 V1.4.2:2012
Elektronički potpisi i infrastrukture (ESI) – Usavršeni elektronički potpisi u XML-u (XAdES) (ETSI/TS 101 903 V1.4.2:2010)
Electronic Signatures and Infrastructures (ESI) – XML Advanced Electronic Signatures (XAdES) (ETSI/TS 101 903 V1.4.2:2010)
- **treba biti**
- HRS ETSI/TS 101 903 V1.4.2:2012
Elektronički potpisi i infrastrukture (ESI) – Napredni elektronički potpisi u XML-u (XAdES) (ETSI/TS 101 903 V1.4.2:2010)
Electronic Signatures and Infrastructures (ESI) – XML Advanced Electronic Signatures (XAdES) (ETSI/TS 101 903 V1.4.2:2010)
- **umjesto**
- HRS ETSI/TS 102 042 V1.3.4:2012
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za certifikacijska tijela koja izdaju certifikate s javnim ključem (ETSI/TS 102 042 V1.3.4:2007)
Electronic Signatures and Infrastructures (ESI) – Policy requirements for certification authorities issuing public key certificates (ETSI/TS 102 042 V1.3.4:2007)
- **treba biti**
- HRS ETSI/TS 102 042 V1.3.4:2012
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za certifikacijska tijela koja izdaju certifikate javnog ključa (ETSI/TS 102 042 V1.3.4:2007)
Electronic Signatures and Infrastructures (ESI) – Policy requirements for certification authorities issuing public key certificates (ETSI/TS 102 042 V1.3.4:2007)
- **umjesto**
- HRS ETSI/TS 102 042 V2.2.1:2012
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za certifikacijska tijela koja izdaju certifikate s javnim ključem (ETSI/TS 102 042 V2.2.1:2011)
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Elektronički potpisi i infrastrukture (ESI) – Ispitivanje usklađenosti i uzajamnoga djelovanja spremnika pridruženih potpisa (ASiC) – 2. dio: Skup testova za provjeru interoperabilnosti ASiC-a (ETSI/TS 119 164-2 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Associated Signature Containers (ASiC) Testing Compliance & Interoperability – Part 2: Test Suite for ASiC interoperability test events (ETSI/TS 119 164-2 V1.1.1:2012)
- **umjesto**
- HRS ETSI/TS 119 403 V1.1.1:2012
Elektronički potpisi i infrastrukture (ESI) – Ocjena sukladnosti povjerljivih davalaca usluga – Opći zahtjevi i smjernice (ETSI/TS 119 403 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Trust Service Provider Conformity Assessment – General requirements and guidance (ETSI/TS 119 403 V1.1.1:2012)
- **treba biti**
- HRS ETSI/TS 119 403 V1.1.1:2012
Elektronički potpisi i infrastrukture (ESI) – Ocjena usklađenosti vjerodostojnih davatelja usluga – Opći zahtjevi i smjernice (ETSI/TS 119 403 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Trust Service Provider Conformity Assessment – General requirements and guidance (ETSI/TS 119 403 V1.1.1:2012)
- **umjesto**
- HRS ETSI/TS 119 412-2 V1.1.1:2012
Elektronički potpisi i infrastrukture (ESI) – Profili za povjerljive davaoce usluga certificiranja – 2. dio: Profil certifikata koji se izdaju fizičkim osobama (ETSI/TS 119 412-2 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Profiles for Trust Service Providers issuing certificates – Part 2: Certificate Profile for certificates issued to natural persons (ETSI/TS 119 412-2 V1.1.1:2012)

- **treba biti**
- HRS ETSI/TS 119 412-2 V1.1.1:2012
Elektronički potpisi i infrastrukture (ESI) – Profili za povjerljive davatelje usluga certificiranja – 2. dio: Profil za vjerodostojne davatelje usluga koji izdaju certifikate (ETSI/TS 119 412-2 V1.1.1:2012)
Electronic Signatures and Infrastructures (ESI) – Profiles for Trust Service Providers issuing certificates – Part 2: Certificate Profile for certificates issued to natural persons (ETSI/TS 119 412-2 V1.1.1:2012)
- **umjesto**
- HRS ETSI/TS 101 456 V1.4.3:2009
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)
- **treba biti**
- HRS ETSI/TS 101 456 V1.4.3:2009
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za certifikacijska tijela koja izdaju kvalificirane certifikate (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)
- **umjesto**
- HRS ETSI/TS 101 733 V1.7.4:2009
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)
- **treba biti**
- HRS ETSI/TS 101 733 V1.7.4:2009
Elektronički potpisi i infrastrukture (ESI) – Napredni elektronički potpisi u CMS-u (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)
- **umjesto**
- HRS ETSI/TS 101 861 V1.3.1:2009
Profil otiska vremena (ETSI/TS 101 861 V1.3.1:2006)
Time stamping profile (ETSI/TS 101 861 V1.3.1:2006)
- **treba biti**
- HRS ETSI/TS 101 861 V1.3.1:2009
Profil vremenskog žiga (ETSI/TS 101 861 V1.3.1:2006)
Time stamping profile (ETSI/TS 101 861 V1.3.1:2006)
- **umjesto**
- HRS ETSI/TS 101 903 V1.4.1:2009
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)
- **treba biti**
- HRS ETSI/TS 101 903 V1.4.1:2009
Napredni elektronički potpisi u XML-u (XAdES) (ETSI/TS 101 903 V1.4.1:2009)
XML advanced electronic signatures (XAdES) (ETSI/TS 101 903 V1.4.1:2009)
- **umjesto**
- HRS ETSI/TS 102 023 V1.2.2:2009
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)
- **treba biti**
- HRS ETSI/TS 102 023 V1.2.2:2009
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi za opća pravila za davanje usluga izdavanja vremenskog žiga (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)
- **umjesto**
- HRS ETSI/TS 102 778 V1.1.1:2009
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)
- **treba biti**
- HRS ETSI/TS 102 778 V1.1.1:2009
Elektronički potpisi i infrastrukture (ESI) – Profili naprednog elektroničkog potpisa u PDF-u – 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)
- **umjesto**
- HRS ETSI/TS 102 778-1 V1.1.1:2009
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)
- **treba biti**
- HRS ETSI/TS 102 778-1 V1.1.1:2009
Elektronički potpisi i infrastrukture (ESI) – Profili naprednog elektroničkog potpisa u PDF-u – 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)
- **umjesto**
- HRS ETSI/TS 102 778-2 V1.2.1:2009
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)
- **treba biti**
- HRS ETSI/TS 102 778-2 V1.2.1:2009
Elektronički potpisi i infrastrukture (ESI) – Profili naprednog elektroničkog potpisa u PDF-u – 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)

• **umjesto**
HRS ETSI/TS 102 778-3 V1.1.1:2009
Elektronički potpisi i infrastrukture (ESI) – Profili PDF usavršenog elektroničkog potpisa – 3. dio: Pobješani 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)

• **treba biti**
HRS ETSI/TS 102 778-3 V1.1.1:2009
Elektronički potpisi i infrastrukture (ESI) – Profili naprednog elektroničkog potpisa u PDF-u – 3. dio: Pobješani 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)

• **umjesto**
HRS ETSI/TS 102 778-4 V1.1.1:2009
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)

• **treba biti**
HRS ETSI/TS 102 778-4 V1.1.1:2009
Elektronički potpisi i infrastrukture (ESI) – Profili naprednog elektroničkog potpisa u PDF-u – 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)

• **umjesto**
HRS ETSI/TS 102 778-5 V1.1.1:2009
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)

• **treba biti**
HRS ETSI/TS 102 778-5 V1.1.1:2009
Elektronički potpisi i infrastrukture (ESI) – Profili naprednog elektroničkog potpisa u PDF-u – 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)

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

• **umjesto**
HRN EN ISO 10133:2013
Mala plovila – Električni sustavi – Istosmjerne instalacije vrlo niskog napona (ISO 10133:2012; EN ISO 10133:2012)
Small craft – Electrical systems – Extra-low-voltage d.c. installations (ISO 10133:2012; EN ISO 10133:2012)

• **treba biti**
HRN EN ISO 10133:2013
Mala plovila – Električni sustavi – Instalacije za iznimno mali istosmjerni napon (ISO 10133:2012; EN ISO 10133:2012)
Small craft – Electrical systems – Extra-low-voltage d.c. installations (ISO 10133:2012; EN ISO 10133:2012)

• **umjesto**
HRN EN ISO 13297:2013
Mala plovila – Električni sustavi – Instalacije izmjenične struje (ISO 13297:2012; EN ISO 13297:2012)
Small craft – Electrical systems – Alternating current installations (ISO 13297:2012; EN ISO 13297:2012)

• **treba biti**
HRN EN ISO 13297:2013
Mala plovila – Električni sustavi – Instalacije za izmjeničnu struju (ISO 13297:2012; EN ISO 13297:2012)
Small craft – Electrical systems – Alternating current installations (ISO 13297:2012; EN ISO 13297:2012)

• **umjesto**
HRN EN ISO 21487:2013
Mala plovila – Trajno ugrađeni benzinski i dizelski spremnici goriva (ISO 21487:2012; EN ISO 21487:2012)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012; EN ISO 21487:2012)

• **treba biti**
HRN EN ISO 21487:2013
Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo (ISO 21487:2012; EN ISO 21487:2012)
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012; EN ISO 21487:2012)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

Te su hrvatske norme ranije objavljene samo s naslovima na engleskome jeziku pa se sada objavljuju njihovi naslovi na hrvatskome jeziku.

HZN/TO 8, *Brodogradnja*

HRN EN 14010:2009
Sigurnost strojeva – Oprema za parkiranje s pomoću upravljane snage motornih vozila – Sigurnosni zahtjevi i zahtjevi EMC za oblikovanje, proizvodnju, faze sklanjanja i puštanje u pogon (EN 14010:2003+A1:2009)
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+A1:2009)

HZN/TO 54, *Eterična ulja*

HRN ISO 8897:2011
Ulje bobulja borovice (*Juniperus communis* L.) (ISO 8897:2010)
Oil of juniper berry (*Juniperus communis* L.) (ISO 8897:2010)
HRN ISO 10869:2011
Ulje iglica jele, sibirske (*Abies sibirica* Ledeb.) (ISO 10869:2010)
Oil of fir needle, Siberian (*Abies sibirica* Ledeb.) (ISO 10869:2010)
HRN ISO 14715:2011
Ulje timijana koje sadrži timol, španjolski tip [*Thymus zygis* (Loefl.) L.] (ISO 14715:2010)
Oil of thyme containing thymol, Spanish type [*Thymus zygis* (Loefl.) L.] (ISO 14715:2010)

- HRN ISO 23954:2011
Tiješteno ulje limete, perzijski tip (Citrus latifolia Tanaka) (ISO 23954:2009)
Oil of lime expressed, Persian type (Citrus latifolia Tanaka) (ISO 23954:2009)
- HRN ISO 22769:2011
Ulje australskog sandala (Santalum spicatum (R.Br.) A.DC.) (ISO 22769:2009)
Oil of Australian sandalwood (Santalum spicatum (R.Br.) A.DC.) (ISO 22769:2009)

HZN/TO 89, *Furniri i drvne ploče*

- HRN EN 14279:2009
Laminirano furnirsko drvo (LVL) – Definicije, klasifikacija i specifikacije (EN 14279:2004+A1:2009)
Laminated Veneer Lumber (LVL) – Definitions, classification and specifications (EN 14279:2004+A1:2009)
- HRN EN 12369-3:2009
Ploče na osnovi drva – Karakteristične vrijednosti za projektiranje konstrukcija – 3. dio: Ploče od masivnoga drva (EN 12369-3:2008)
Wood-based panels – Characteristic values for structural design – Part 3: Solid-wood panels (EN 12369-3:2008)
- HRN EN 13354:2009
Ploče od masivnoga drva (SWP) – Kvaliteta slijepjenosti – Metoda ispitivanja (EN 13354:2008)
Solid wood panels (SWP) – Bonding quality – Test method (EN 13354:2008)
- HRN EN 309:2008
Ploče iverice – Definicija i klasifikacija (EN 309:2005)
Particleboards – Definition and classification (EN 309:2005)
- HRN EN 311:2008
Ploče na osnovi drva – Međuslojna čvrstoća – Metoda ispitivanja (EN 311:2002)
Wood-based panels – Surface soundness – Test method (EN 311:2002)
- HRN EN 318:2008
Ploče na osnovi drva – Određivanje promjena dimenzija uslijed promjena relativne vlažnosti (EN 318:2002)
Wood based panels – Determination of dimensional changes associated with changes in relative humidity (EN 318:2002)
- HRN EN 321:2008
Ploče na osnovi drva – Određivanje otpornosti na vlagu u uvjetima cikličkog ispitivanja (EN 321:2001)
Wood-based panels – Determination of moisture resistance under cyclic test conditions (EN 321:2001)
- HRN EN 323:2008
Ploče na osnovi drva – Određivanje gustoće (EN 323:1993)
Wood-based panels – Determination of density (EN 323:1993)
- HRN EN 326-3:2008
Ploče na osnovi drva – Uzorkovanje, krojenje i pregled – 3. dio: Pregled izdvojene skupine ploča (EN 326-3:2003)
Wood-based panels – Sampling, cutting and inspection – Part 3: Inspection of an isolated lot of panels (EN 326-3:2003)
- HRN EN 13446:2008
Ploče na osnovi drva – Određivanje nosivosti izvlačenja veznih elemenata (EN 13446:2002)
Wood-based panels – Determination of withdrawal capacity of fasteners (EN 13446:2002)
- HRN EN 13810-1:2008
Ploče na osnovi drva – Plivajući podovi – 1. dio: Uporabne specifikacije i zahtjevi (EN 13810-1:2002)

- Wood-based panels – Floating floors – Part 1: Performance specifications and requirements (EN 13810-1:2002)
- HRN EN 13879:2008
Ploče na osnovi drva – Određivanje savojnih svojstava ivičnim opterećivanjem ploča (EN 13879:2002)
Wood-based panels – Determination of edgewise bending properties (EN 13879:2002)
- HRN EN 13986:2008
Ploče na osnovi drva za uporabu u graditeljstvu – Karakteristike, ocjenjivanje sukladnosti i označavanje (EN 13986:2004)
Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking (EN 13986:2004)
- HRN EN 14322:2008
Ploče na osnovi drva – Melaminom obložene ploče za unutarnju uporabu – Definicija, zahtjevi i klasifikacija (EN 14322:2004)
Wood-based panels – Melamine faced boards for interior uses – Definition, requirements and classification (EN 14322:2004)
- HRN EN 14323:2008
Ploče na osnovi drva – Melaminom obložene ploče za unutarnju uporabu – Metode ispitivanja (EN 14323:2004)
Wood-based panels – Melamine faced boards for interior uses – Test methods (EN 14323:2004)
- HRN EN 14755:2008
Ekstruzijske ploče iverice – Specifikacije (EN 14755:2005)
Extruded particleboards – Specifications (EN 14755:2005)
- HRN EN 15197:2008
Ploče na osnovi drva – Ploče od lana – Specifikacije (EN 15197:2007)
Wood-based panels – Flaxboards – Specifications (EN 15197:2007)

HZN/TO 215, *Medicinska informatika*

- HRN EN ISO 11073-10406:2013
Medicinska informatika – Komunikacija među osobnim medicinskim uređajima – 10406. dio: Specijalni uređaji – Osnovni elektrokardiograf (ECG) (1- do 3-kanalni ECG) (ISO/IEEE 11073-10406:2012; EN ISO 11073-10406:2012)
Health informatics – Personal health device communication – Part 10406: Device specialization – Basic electrocardiograph (ECG) (1- to 3-lead ECG) (ISO/IEEE 11073-10406:2012; EN ISO 11073-10406:2012)

HZN/TO 238, *Čvrsta biogoriva*

- HRN EN 14961-1:2010
Čvrsta biogoriva – Specifikacije goriva i razredi – 1. dio: Opći zahtjevi (EN 14961-1:2010)
Solid biofuels – Fuel specifications and classes – Part 1: General requirements (EN 14961-1:2010)
- HRI CEN/TR 15569:2010
Čvrsta biogoriva – Vodič za sustav osiguranja kvalitete (CEN/TR 15569:2009)
Solid biofuels – A guide for a quality assurance system (CEN/TR 15569:2009)
- HRN EN 14774-1:2010
Čvrsta biogoriva – Određivanje sadržaja vlage – Metoda sušionika – 1. dio: Ukupna vlaga – Referentna metoda (EN 14774-1:2009)
Solid biofuels – Determination of moisture content – Oven dry method – Part 1: Total moisture – Reference method (EN 14774-1:2009)

- HRN EN 14774-2:2010
Čvrsta biogoriva – Određivanje sadržaja vlage – Metoda sušionika – 2. dio: Ukupna vlaga – Pojednostavljena metoda (EN 14774-2:2009)
Solid biofuels – Determination of moisture content – Oven dry method – Part 2: Total moisture – Simplified method (EN 14774-2:2009)
- HRN EN 14774-3:2010
Čvrsta biogoriva – Određivanje sadržaja vlage – Metoda sušionika – 3. dio: Vlaga u generalnoj analizi uzorka (EN 14774-3:2009)
Solid biofuels – Determination of moisture content – Oven dry method – Part 3: Moisture in general analysis sample (EN 14774-3:2009)
- HRN EN 14775:2010
Čvrsta biogoriva – Određivanja udjela pepela (EN 14775:2009)
Solid biofuels – Determination of ash content (EN 14775:2009)
- HRN EN 14918:2010
Čvrsta biogoriva – Određivanje kalorijske vrijednosti (EN 14918:2009)
Solid biofuels – Determination of calorific value (EN 14918:2009)
- HRN EN 15103:2010
Čvrsta biogoriva – Određivanje nasipne gustoće (EN 15103:2009)
Solid biofuels – Determination of bulk density (EN 15103:2009)
- HRN EN 15148:2010
Čvrsta biogoriva – Određivanje udjela hlapljive tvari (EN 15148:2009)
Solid biofuels – Determination of the content of volatile matter (EN 15148:2009)
- HRN EN 15210-1:2010
Čvrsta biogoriva – Određivanje mehaničke izdržljivosti peleta i briketa – 1. dio: Peleti (EN 15210-1:2009)
Solid biofuels – Determination of mechanical durability of pellets and briquettes – Part 1: Pellets (EN 15210-1:2009)
- HRN EN 15150:2012
Čvrsta biogoriva – Određivanje gustoće čestica (EN 15150:2011)
Solid biofuels – Determination of particle density (EN 15150:2011)
- HRN EN 14588:2010
Čvrsta biogoriva – Nazivlje, definicije i opisi (EN 14588:2010)
Solid biofuels – Terminology, definitions and descriptions (EN 14588:2010)
- HRN EN 15149-1:2010
Čvrsta biogoriva – Određivanje granulometrijskoga sastava – 1. dio: Oscilacijsko prosijavanje upotrebom sita promjera 1 mm i više (EN 15149-1:2010)
Solid biofuels – Determination of particle size distribution – Part 1: Oscillating screen method using sieve apertures of 1 mm and above (EN 15149-1:2010)
- HRN EN 15149-2:2010
Čvrsta biogoriva – Određivanje granulometrijskog sastava – 2. dio: Vibracijsko prosijavanje upotrebom sita promjera 3,15 mm i više (EN 15149-2:2010)
Solid biofuels – Determination of particle size distribution – Part 2: Vibrating screen method using sieve apertures of 3,15 mm and below (EN 15149-2:2010)
- HRN EN 15210-2:2010
Čvrsta biogoriva – Određivanje mehaničke izdržljivosti peleta i briketa – 2. dio: Briketi (EN 15210-2:2010)
Solid biofuels – Determination of mechanical durability of pellets and briquettes – Part 2: Briquettes (EN 15210-2:2010)
- HRN EN 14961-2:2011
Čvrsta biogoriva – Specifikacije goriva i razredi – 2. dio: Drvni peleti za ne-industrijsku uporabu (EN 14961-2:2011)
Solid biofuels – Fuel specifications and classes – Part 2: Wood pellets for non-industrial use (EN 14961-2:2011)
- HRN EN 14961-3:2011
Čvrsta biogoriva – Specifikacije goriva i razredi – 3. dio: Drvni briketi za ne-industrijsku uporabu (EN 14961-3:2011)
Solid biofuels – Fuel specifications and classes – Part 3: Wood briquettes for non-industrial use (EN 14961-3:2011)
- HRN EN 14961-4:2011
Čvrsta biogoriva – Specifikacije goriva i razredi – 4. dio: Drvna sječka za ne-industrijsku uporabu (EN 14961-4:2011)
Solid biofuels – Fuel specifications and classes – Part 4: Wood chips for non-industrial use (EN 14961-4:2011)
- HRN EN 14961-5:2011
Čvrsta biogoriva – Specifikacije goriva i razredi – 5. dio: Ogrjevno drvo za ne-industrijsku uporabu (EN 14961-5:2011)
Solid biofuels – Fuel specifications and classes – Part 5: Firewood for non-industrial use (EN 14961-5:2011)
- HRN EN 15104:2011
Čvrsta biogoriva – Određivanje ukupnoga udjela ugljika, vodika i dušika – Instrumentne metode (EN 15104:2011)
Solid biofuels – Determination of total content of carbon, hydrogen and nitrogen – Instrumental methods (EN 15104:2011)
- HRN EN 15105:2011
Čvrsta biogoriva – Određivanje udjela otopljenih klorida, natrija i kalija (EN 15105:2011)
Solid biofuels – Determination of the water soluble chloride, sodium and potassium content (EN 15105:2011)
- HRN EN 15234-1:2011
Čvrsta biogoriva – Jamstvo kvalitete goriva – 1. dio: Opći zahtjevi (EN 15234-1:2011)
Solid biofuels – Fuel quality assurance – Part 1: General requirements (EN 15234-1:2011)
- HRN EN 15289:2011
Čvrsta biogoriva – Određivanje ukupnoga udjela sumpora i klora (EN 15289:2011)
Solid biofuels – Determination of total content of sulfur and chlorine (EN 15289:2011)
- HRN EN 15290:2011
Čvrsta biogoriva – Određivanje glavnih elemenata – Al, Ca, Fe, Mg, P, K, Si, Na i Ti (EN 15290:2011)
Solid biofuels – Determination of major elements – Al, Ca, Fe, Mg, P, K, Si, Na and Ti (EN 15290:2011)
- HRN EN 15296:2011
Čvrsta biogoriva – Pretvorba analitičkih rezultata iz jedne osnove u drugu (EN 15296:2011)
Solid biofuels – Conversion of analytical results from one basis to another (EN 15296:2011)
- HRN EN 15297:2011
Čvrsta biogoriva – Određivanje elemenata u tragovima – As, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, V i Zn (EN 15297:2011)
Solid biofuels – Determination of minor elements – As, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, V and Zn (EN 15297:2011)
- HRN EN 14778:2011
Čvrsta biogoriva – Uzorkovanje (EN 14778:2011)
Solid biofuels – Sampling (EN 14778:2011)

HRN EN 14780:2011
Čvrsta biogoriva – Priprema uzoraka (EN 14780:2011)
Solid biofuels – Sample preparation (EN 14780:2011)

HZNTO 511, Eksplozivi za civilnu uporabu

HRN EN 16256-1:2012
Pirotehnički proizvodi – Pirotehnički proizvodi za pozornice – 1. dio: Nazivlje (EN 16256-1:2012)
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 1: Terminology (EN 16256-1:2012)

HRN EN 16256-2:2012
Pirotehnički proizvodi – Pirotehnički proizvodi za pozornice – 2. dio: Kategorije pirotehničkih proizvoda za pozornice (EN 16256-2:2012)
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 2: Categories of theatrical pyrotechnic articles (EN 16256-2:2012)

HRN EN 16256-3:2012
Pirotehnički proizvodi – Pirotehnički proizvodi za pozornice – 3. dio: Zahtjevi za konstrukciju i svojstva (EN 16256-3:2012)
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 3: Requirements for construction and performance (EN 16256-3:2012)

HRN EN 16256-4:2012
Pirotehnički proizvodi – Pirotehnički proizvodi za pozornice – 4. dio: Minimalni zahtjevi označavanja i upute za upotrebu (EN 16256-4:2012)
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 4: Minimum labelling requirements and instructions for use (EN 16256-4:2012)

HRN EN 16256-5:2012
Pirotehnički proizvodi – Pirotehnički proizvodi za pozornice – 5. dio: Metode ispitivanja (EN 16256-5:2012)
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 5: Test methods (EN 16256-5:2012)

HRN EN 16261-1:2012
Pirotehnički proizvodi – Vatrometi, kategorija 4 – 1. dio: Nazivlje (EN 16261-1:2012)
Pyrotechnic articles – Fireworks, category 4 – Part 1: Terminology (EN 16261-1:2012)

HRN EN 16261-3:2012
Pirotehnički proizvodi – Vatrometi, kategorija 4 – 3. dio: Metode ispitivanja (EN 16261-3:2012)
Pyrotechnic articles – Fireworks, Category 4 – Part 3: Test methods (EN 16261-3:2012)

HRN EN 16261-4:2012
Pirotehnički proizvodi – Vatromet, kategorija 4 – 4. dio: Minimalni zahtjevi označavanja i upute za upotrebu (EN 16261-4:2012)
Pyrotechnic articles – Fireworks, Category 4 – Part 4: Minimum labelling requirements and instructions for use (EN 16261-4:2012)

HZNTO 525, Hidroizolacijski materijali i proizvodi za pokrivanje krovova

HRN EN 516:2008
Montažni pribor za pokrivanje krovova – Instalacije za pristup krovu – Staze, gazišta i stube (EN 516:2006)
Prefabricated accessories for roofing – Installations for roof access – Walkways, treads and steps (EN 516:2006)

HRN EN 517:2008
Montažni pribor za pokrivanje krovova – Sigurnosne krovne kuke (EN 517:2006)
Prefabricated accessories for roofing – Roof safety hooks (EN 517:2006)

HRN EN 1873:2008
Montažni pribor za pokrivanje krovova – Zasebni plastični krovni svjetlarnici – Specifikacije proizvoda i metode ispitivanja (EN 1873:2005)

Prefabricated accessories for roofing – Individual roof lights of plastics – Product specification and test methods (EN 1873:2005)

HRN EN 12951:2008
Montažni pribor za pokrivanje krovova – Trajno postavljene krovne ljestve – Specifikacije proizvoda i metode ispitivanja (EN 12951:2004)
Prefabricated accessories for roofing – Permanently fixed roof ladders – Product specification and test methods (EN 12951:2004)

HRN EN 14963:2008
Krovne obloge – Neprekinuti plastični svjetlarnici nosivih profila ili bez njih – Klasifikacija, zahtjevi i metode ispitivanja (EN 14963:2006)
Roof coverings – Continuous rooflights of plastics with or without upstands – Classification, requirements and test methods (EN 14963:2006)

HRN EN 14964:2008
Kruće podloge za prekidano pokrivanje krovova – Definicije i značajke (EN 14964:2006)
Rigid underlays for discontinuous roofing – Definitions and characteristics (EN 14964:2006)

HZNTO 528, Oprema za željeznice

HRN EN 15437-2:2013
Oprema za željeznice – Nadzor nad stanjem kućišta osovinskih ležajeva – Zahtjevi povezivosti i oblikovanja – 2. dio: Radni zahtjevi i oblikovanje ugrađenih sustava za praćenje temperature (EN 15437-2:2012)
Railway applications – Axlebox condition monitoring – Interface and design requirements – Part 2: Performance and design requirements of on-board systems for temperature monitoring (EN 15437-2:2012)

HRN EN 16272-1:2013
Oprema za željeznice – Željeznički gornji stroj – Zvučne zapreke i odgovarajući uređaji koji djeluju na rasprostiranje zvuka zrakom – Ispitne metode za određivanje akustičnih svojstava – 1. dio: Unutarnja svojstva – Apsorpcija zvuka u laboratorijskim uvjetima difuznog zvučnog polja (EN 16272-1:2012)
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics – Sound absorption in the laboratory under diffuse sound field conditions (EN 16272-1:2012)

HRN EN 16272-2:2013
Oprema za željeznice – Željeznički gornji stroj – Zvučne zapreke i odgovarajući uređaji koji djeluju na rasprostiranje zvuka zrakom – Ispitne metode za određivanje akustičnih svojstava – 2. dio: Unutarnja svojstva – Zračna zvučna izolacija u laboratorijskim uvjetima difuznog zvučnog polja (EN 16272-2:2012)
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 2: Intrinsic characteristics – Airborne sound insulation in the laboratory under diffuse sound field conditions (EN 16272-2:2012)

HRN EN 15839:2013
Oprema za željeznice – Ispitivanje prihvatljivosti vozničkih značajki željezničkih vozila – Teretni vagoni – Ispitivanje sigurnosti vožnje uslijed uzdužnih tlačnih sila (EN 15839:2012)
Railway applications – Testing for the acceptance of running characteristics of railway vehicles – Freight wagons – Testing of running safety under longitudinal compressive forces (EN 15839:2012)

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

HRN EN 13024-2:2008

Staklo u graditeljstvu – Kaljeno borosilikatno sigurnosno staklo – 2. dio: Vrednovanje sukladnosti/ Norma za proizvod (EN 13024-2:2004)

Glass in building – Thermally toughened borosilicate safety glass – Part 2: Evaluation of conformity/ Product standard (EN 13024-2:2004)

HZN/TO 546, *Zaštita kulturnog dobra*

HRN EN 15759-1:2012

Očuvanje kulturnoga dobra – Unutarnja mikroklima – 1. dio: Smjernice za grijanje crkava, kapela i drugih prostora namijenjenih bogoslužju (EN 15759-1:2011)
Conservation of cultural property – Indoor climate – Part 1: Guidelines for heating churches, chapels and other places of worship (EN 15759-1:2011)

HZN/TO 568, *Analize hrane - Horizontalne metode*

HRN EN 16155:2013

Hrana – Određivanje sukraloze – Metoda tekućinske kromatografije visokoga učinka (EN 16155:2012)
Foodstuffs – Determination of sucralose – High performance liquid chromatographic method (EN 16155:2012)

HRN EN 16204:2013

Hrana – Određivanje lipofilnih toksina iz algi (skupina toksina okadaične kiseline, jesotoksini, azaspiracidi, pektenotoksini) u školjkašima i proizvodima od školjkaša metodom LC-MS/MS (EN 16204:2012)
Foodstuffs – Determination of lipophilic algal toxins (okadaic acid group toxins, yessotoxins, azaspiracids, pectenotoxins) in shellfish and shellfish products by LC-MS/MS (EN 16204:2012)

HZN/TO 569, *Hrana za životinje*

HRN EN ISO 30024:2011

Hrana za životinje – Određivanje aktivnosti fitaze (ISO 30024:2009; EN ISO 30024:2009)
Animal feeding stuffs – Determination of phytase activity (ISO 30024:2009; EN ISO 30024:2009)

HRN EN ISO 12099:2011

Hrana za životinje, žitarice i proizvodi od mljevenih žitarica – Upute za primjenu bliske infracrvene spektrometrije (ISO 12099:2010; EN ISO 12099:2010)
Animal feeding stuffs, cereals and milled cereal products – Guidelines for the application of near infrared spectrometry (ISO 12099:2010; EN ISO 12099:2010)

HZN/TO 571, *Oprema za sport, igrališta i rekreaciju*

HRN EN 957-5:2009

Oprema za vježbanje – 5. dio: Učvršćeni bicikli za vježbanje i poluge za vježbanje gornjega dijela tijela, dodatni posebni sigurnosni zahtjevi i metode ispitivanja (EN 957-5:2009)

Stationary training equipment – Part 5: Stationary exercise bicycles and upper body crank training equipment, additional specific safety requirements and test methods (EN 957-5:2009)

HRN EN 913:2009

Gimnastička oprema – Opći sigurnosni zahtjevi i metode ispitivanja (EN 913:2008)
Gymnastic equipment – General safety requirements and test methods (EN 913:2008)

HRN EN 914:2009

Gimnastička oprema – Usporedne i kombinirane ruče – Zahtjevi i metode ispitivanja uključujući sigurnosti (EN 914:2008)
Gymnastic equipment – Parallel bars and combination asymmetric/parallel bars – Requirements and test methods including safety (EN 914:2008)

HRN EN 915:2009

Gimnastička oprema – Asimetrične ruče – Zahtjevi i metode ispitivanja uključujući sigurnost (EN 915:2008)
Gymnastic equipment – Asymmetric bars – Requirements and test methods including safety (EN 915:2008)

HRN EN 1509:2009

Oprema za sportska igrališta – Oprema za badminton – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 1509:2008)
Playing field equipment – Badminton equipment – Functional and safety requirements, test methods (EN 1509:2008)

HRN EN 748:2008

Oprema za sportska igrališta – Nogometni golovi – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 748:2004+AC:2005)
Playing field equipment – Football goals – Functional and safety requirements, test methods (EN 748:2004+AC:2005)

HRN EN 749:2008

Oprema za sportska igrališta – Rukometni golovi – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 749:2004+AC:2005)
Playing field equipment – Handball goals – Functional and safety requirements, test methods (EN 749:2004+AC:2005)

HRN EN 750:2008

Oprema za sportska igrališta – Hokejski golovi – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 750:2004+AC:2005)
Playing field equipment – Hockey goals – Functional and safety requirements, test methods (EN 750:2004+AC:2005)

HRN EN 957-10:2008

Oprema za vježbanje – 10. dio: Bicikl za vježbanje s fiksnim kotačem ili bez slobodnoga kotača, dodatni posebni sigurnosni zahtjevi i metode ispitivanja (EN 957-10:2005)
Stationary training equipment – Part 10: Exercise bicycles with a fixed wheel or without freewheel, additional specific safety requirements and test methods (EN 957-10:2005)

HRN EN 1176-11:2008

Oprema za igrališta i igališna površina – 11. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za prostorne mreže (EN 1176-11:2008)
Playground equipment and surfacing – Part 11: Additional specific safety requirements and test methods for spatial network (EN 1176-11:2008)

HRN EN 1177:2008

Površine za ublažavanje udara – Određivanje kritične visine pada (EN 1177:2008)
Impact attenuating playground surfacing – Determination of critical fall height (EN 1177:2008)

HRN EN 1270:2008

Oprema za sportska igrališta – Košarkaška oprema – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 1270:2005)
Playing field equipment – Basketball equipment – Functional and safety requirements, test methods (EN 1270:2005)

HRN EN 1271:2008

Oprema za sportska igrališta – Odbojkaška oprema – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 1271:2004+AC:2005)
Playing field equipment – Volleyball equipment – Functional and safety requirements, test methods (EN 1271:2004+AC:2005)

HRN EN 1510:2008
Oprema za sportska igrališta – Oprema za tenis – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 1510:2004)
Playing field equipment – Tennis equipment – Functional and safety requirements, test methods (EN 1510:2004)

HZN/TU B1, Graditeljstvo 1

HRN EN 14716:2008
Rastezljivi stropovi – Zahtjevi i metode ispitivanja (EN 14716:2004)
Stretched ceilings – Requirements and test methods (EN 14716:2004)

HZN/TU I2, Strojarstvo 2

HRN EN 474-11:2009
Strojevi za zemljane radove – Sigurnost – 11. dio: Zahtjevi za strojeve za zbijanje zemlje i otpada na odlagalištima (EN 474-11:2006+A1:2008)
Earth-moving machinery – Safety – Part 11: Requirements for earth and landfill compactors (EN 474-11:2006+A1:2008)

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

HRN EN 415-1:2010
Sigurnost strojeva za pakiranje – 1. dio: Nazivlje i podjela strojeva za pakiranje i pripadajuće opreme (EN 415-1:2000+A1:2009)
Packaging machines safety – Part 1: Terminology and classification of packaging machines and associated equipment (EN 415-1:2000+A1:2009)

HRN EN 415-3:2010
Sigurnost strojeva za pakiranje – 3. dio: Strojevi za oblikovanje, punjenje i brtvljenje (EN 415-3:1999+A1:2009)
Safety of packaging machines – Part 3: Form, fill and seal machines (EN 415-3:1999+A1:2009)

HRN EN 415-5:2010
Sigurnost strojeva za pakiranje – 5. dio: Strojevi za umotavanje (EN 415-5:2006+A1:2009)
Safety of packaging machines – Part 5: Wrapping machines (EN 415-5:2006+A1:2009)

HRN EN 415-6:2010
Sigurnost strojeva za pakiranje – 6. dio: Strojevi za umotavanje paleta (EN 415-6:2006+A1:2009)
Safety of packaging machines – Part 6: Pallet wrapping machines (EN 415-6:2006+A1:2009)

HRN EN 415-7:2008
Sigurnost strojeva za pakiranje – 7. dio: Strojevi za skupno i sekundarno pakiranje (EN 415-7:2006+A1:2008)
Safety of packaging machines – Part 7: Group and secondary packaging machines (EN 415-7:2006+A1:2008)

HRN EN 415-8:2008
Sigurnost strojeva za pakiranje – 8. dio: Strojevi za pritezanje vrpčama (EN 415-8:2008)
Safety of packaging machines – Part 8: Strapping machines (EN 415-8:2008)

HRN EN 415-9:2010
Sigurnost strojeva za pakiranje – 9. dio: Metode mjerenja buke strojeva za pakiranje, linija za pakiranje i pripadajuće opreme 2. i 3. stupnja točnosti (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 415-9:2009)

HRN EN 1175-1:2011
Sigurnost industrijskih kamiona – Električni zahtjevi – 1. dio: Opći zahtjevi za kamione pogonjene baterijama (EN 1175-1:1998+A1:2010)
Safety of industrial trucks – Electrical requirements – Part 1: General requirements for battery powered trucks (EN 1175-1:1998+A1:2010)

HRN EN 1175-2:2011
Sigurnost industrijskih kamiona – Električni zahtjevi – 2. dio: Opći zahtjevi za kamione pogonjene motorima s unutrašnjim izgaranjem (EN 1175-2:1998+A1:2010)
Safety of industrial trucks – Electrical requirements – Part 2: General requirements of internal combustion engine powered trucks (EN 1175-2:1998+A1:2010)

HRN EN 1175-3:2011
Sigurnost industrijskih kamiona – Električni zahtjevi – 3. dio: Posebni zahtjevi za električno pogonjeni prijenosni sustav za kamione pogonjene motorima s unutrašnjim izgaranjem (EN 1175-3:1998+A1:2010)
Safety of industrial trucks – Electrical requirements – Part 3: Specific requirements for the electric power transmission systems of internal combustion engine powered trucks (EN 1175-3:1998+A1:2010)

HRN EN 1526:2008
Sigurnost industrijskih kamiona – Dodatni zahtjevi za automatske funkcije na kamionima (EN 1526:1997+A1:2008)
Safety of industrial trucks – Additional requirements for automated functions on trucks (EN 1526:1997+A1:2008)

HRN EN 1915-1:2010
Oprema za zemaljsku podršku zrakoplovu – Opći zahtjevi – 1. dio: Osnovni sigurnosni zahtjevi (EN 1915-1:2001+A1:2009)
Aircraft ground support equipment – General requirements – Part 1: Basic safety requirements (EN 1915-1:2001+A1:2009)

HRN EN 1915-2:2010
Oprema za zemaljsku podršku zrakoplovu – Opći zahtjevi – 2. dio: Zahtjevi za stabilnost i čvrstoću, metode izračunavanja i ispitivanja (EN 1915-2:2001+A1:2009)
Aircraft ground support equipment – General requirements – Part 2: Stability and strength requirements, calculations and test methods (EN 1915-2:2001+A1:2009)

HRN EN 1915-3:2010
Oprema za zemaljsku podršku zrakoplovu – Opći zahtjevi – 3. dio: Metode smanjivanja i mjerenja vibracija (EN 1915-3:2004+A1:2009)
Aircraft ground support equipment – General requirements – Part 3: Vibration measurement methods and reduction (EN 1915-3:2004+A1:2009)

HRN EN 1915-4:2010
Oprema za zemaljsku podršku zrakoplovu – Opći zahtjevi – 4. dio: Metode smanjivanja i mjerenja buke (EN 1915-4:2004+A1:2009)
Aircraft ground support equipment – General requirements – Part 4: Noise measurement methods and reduction (EN 1915-4:2004+A1:2009)

HRN EN 12053:2008
Sigurnost industrijskih kamiona – Ispitne metode za mjerenje emisije buke (EN 12053:2001+A1:2008)
Safety of industrial trucks – Test methods for measuring noise emissions (EN 12053:2001+A1:2008)

HRN EN 12312-1:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 1. dio: Stepenice za putnike (EN 12312-1:2001+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 1: Passenger stairs (EN 12312-1:2001+A1:2009)

- HRN EN 12312-2:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 2. dio: Vozilo za catering (EN 12312-2:2002+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 2: Catering vehicles (EN 12312-2:2002+A1:2009)
- HRN EN 12312-3:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 3. dio: Vozilo za konvejske pojaseve (EN 12312-3:2003+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 3: Conveyor belt vehicles (EN 12312-3:2003+A1:2009)
- HRN EN 12312-4:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 4. dio: Mostovi za ukrcaj putnika (EN 12312-4:2003+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 4: Passenger boarding bridges (EN 12312-4:2003+A1:2009)
- HRN EN 12312-5:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 5. dio: Zrakoplovna oprema za točenje goriva (EN 12312-5:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 5: Aircraft fuelling equipment (EN 12312-5:2005+A1:2009)
- HRN EN 12312-6:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 6. dio: Skidanje leda i skidači leda / protuledna oprema (EN 12312-6:2004+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 6: Deicers and deicing/antiicing equipment (EN 12312-6:2004+A1:2009)
- HRN EN 12312-7:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 7. dio: Oprema za pomicanje zrakoplova (EN 12312-7:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 7: Air-craft movement equipment (EN 12312-7:2005+A1:2009)
- HRN EN 12312-8:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 8. dio: Održavanje stepenica i platforma (EN 12312-8:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 8: Maintenance stairs and platforms (EN 12312-8:2005+A1:2009)
- HRN EN 12312-9:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 9. dio: Utovarivači spremnika/paleta (EN 12312-9:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 9: Container/Pallet loaders (EN 12312-9:2005+A1:2009)
- HRN EN 12312-10:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 10. dio: Transporteri za prijevoz spremnika/paleta (EN 12312-10:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 10: Container/Pallet transfer transporters (EN 12312-10:2005+A1:2009)
- HRN EN 12312-12:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 12. dio: Oprema za opskrbu pitkom vodom (EN 12312-12:2002+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 12: Potable water service equipment (EN 12312-12:2002+A1:2009)
- HRN EN 12312-13:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 13. dio: Oprema za opskrbu sanitarnom vodom (EN 12312-13:2002+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 13: Lavatory service equipment (EN 12312-13:2002+A1:2009)
- HRN EN 12312-14:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 14. dio: Isključena/onesposobljena vozila za ukrcaj putnika (EN 12312-14:2006+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 14: Disabled/incapacitated passenger boarding vehicles (EN 12312-14:2006+A1:2009)
- HRN EN 12312-15:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 15. dio: Traktori za prtljagu i opremu (EN 12312-15:2006+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 15: Baggage and equipment tractors (EN 12312-15:2006+A1:2009)
- HRN EN 12312-16:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 16. dio: Oprema za zračni start (EN 12312-16:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 16: Air start equipment (EN 12312-16:2005+A1:2009)
- HRN EN 12312-17:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 17. dio: Oprema za pripremu zraka (EN 12312-17:2004+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 17: Air conditioning equipment (EN 12312-17:2004+A1:2009)
- HRN EN 12312-18:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 18. dio: Jedinice za dušik i kisik (EN 12312-18:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 18: Nitrogen or Oxygen units (EN 12312-18:2005+A1:2009)
- HRN EN 12312-19:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 19. dio: Zrakoplovne dizalice, dizalice osovine i hidraulični pridržavač repa (EN 12312-19:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 19: Aircraft jacks, axle jacks and hydraulic tail stanchions (EN 12312-19:2005+A1:2009)
- HRN EN 12312-20:2010
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 20. dio: Zemaljske jedinice s električnom snagom (EN 12312-20:2005+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 20: Electrical ground power units (EN 12312-20:2005+A1:2009)
- HRN EN 13059:2008
Sigurnost industrijskih kamiona – Ispitne metode za mjerenje vibracija (EN 13059:2002+A1:2008)
Safety of industrial trucks – Test methods for measuring vibration (EN 13059:2002+A1:2008)
- HRN EN 15000:2008
Sigurnost industrijskih kamiona – Kamioni različitih dometa s vlastitim pogonom – Specifikacije, radne značajke i ispitni zahtjevi za pokazatelje opterećenja uzdužnoga momenta i ograničivače opterećenja uzdužnoga momenta (EN 15000:2008)
Safety of industrial trucks – Self propelled variable reach trucks – Specification, performance and test requirements for longitudinal load moment indicators and longitudinal load moment limiters (EN 15000:2008)

- HRN EN 15830:2012
Kamioni za teške terene različitoga dometa – Vidljivost – Ispitne metode i potvrđivanje (EN 15830:2012)
Rough-terrain variable reach trucks – Visibility – Test methods and verification (EN 15830:2012)
- HRN EN 16029:2012
Jahača vozila, motorizirana vozila namijenjena prijevozu ljudi izvan javnih cesta – Jednotračna motorna vozila s dvostrukim upravljačem – Sigurnosni zahtjevi i ispitne metode (EN 16029:2012)
Ride-on, motorized vehicles intended for the transportation of persons and not intended for use on public roads – Single-track two-wheel motor vehicles – Safety requirements and test methods (EN 16029:2012)
- HRN EN 16307-1:2013
Industrijski kamioni – Sigurnosni zahtjevi i potvrđivanje – 1. dio: Dodatni zahtjevi za industrijske kamione s vlastitim pogonom osim kamiona bez vozača, kaminona različitoga dometa i teretnih kamiona (EN 16307-1:2013)
Industrial trucks – Safety requirements and verification – Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (EN 16307-1:2013)
- HRN EN 15997:2012
Vozila za sve terene (ATVs - Quads) – Sigurnosni zahtjevi i metode ispitivanja (EN 15997:2011)
All terrain vehicles (ATVs - Quads) – Safety requirements and test methods (EN 15997:2011)
- HRN EN 15997:2012/Ispr.1:2013
Vozila za sve terene (ATVs - Quads) – Sigurnosni zahtjevi i metode ispitivanja (EN 15997:2011/AC:2012)
All terrain vehicles (ATVs - Quads) – Safety requirements and test methods (EN 15997:2011/AC:2012)

- HRN EN ISO 25197:2013
Mala plovila – Električno/elektronski nadzorni sustavi za kormilarenje, osovina i regulator (ISO 25197:2012; EN ISO 25197:2012)
Small craft – Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012; EN ISO 25197:2012)
- HRN EN 4531-003:2012
Zrakoplovni nizovi – Spojnice, optičke, okrugle, s jednim pinom ili više pinova, opremljene sa zavojnim prstenom s trostrukim startom – Puni kontakti – 003. dio: Utična kutija s kvadratičnom prirubnicom – Norma za proizvod (EN 4531-003:2012)
Aerospace series – Connectors, optical, circular, single and multipin, coupled by triple start threaded ring – Flush contacts – Part 003: Square flange receptacle – Product standard (EN 4531-003:2012)
- HRN EN 3745-301:2012
Zrakoplovni nizovi – Vlakna i kabeli, optički, za zrakoplove – Metode ispitivanja – 301. dio: Slabljenje (EN 3745-301:2012)
Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 301: Attenuation (EN 3745-301:2012)

HZN/TU U1, *Opća elektrotehnika 1*

- HRN EN 60974-10:2009
Oprema za elektrolučno zavarivanje – 10. dio: Zahtjevi za elektromagnetsku kompatibilnost (EMC) (IEC 60974-10: 2007; EN 60974-10:2007)
Arc welding equipment – Part 10: Electro-magnetic compatibility (EMC) requirements (IEC 60974-10: 2007; EN 60974-10:2007)
- HRN EN 62135-2:2008
Oprema za elektrootporno zavarivanje – 2. dio: Zahtjevi za elektromagnetsku kompatibilnost (EMC) (IEC 62135-2:2007; EN 62135-2:2008)
Resistance welding equipment – Part 2: Electromagnetic compatibility (EMC) requirements (IEC 62135-2:2007; EN 62135-2:2008)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Međunarodna normizacija ISO

ISO 22274:2013

Systems to manage terminology, knowledge and content – Concept-related aspects for developing and internationalizing classification systems

01.040.35 Informacijska tehnologija. Uredski strojevi (Rječnici)

Međunarodna normizacija ISO

ISO/IEC 2382-37:2012

Information technology – Vocabulary – Part 37: Biometrics

ISO/IEC 20944-1:2013

Information technology – Metadata Registries Interoperability and Bindings (MDR-IB) – Part 1: Framework, common vocabulary, and common provisions for conformance

ISO/IEC 27000:2012

Information technology – Security techniques – Information security management systems – Overview and vocabulary

01.040.43 Cestovna vozila (Rječnici)

Europska normizacija CEN

EN ISO 18542-1:2012

Road vehicles – Standardized repair and maintenance information (RMI) terminology – Part 1: General information and use case definition (ISO 18542-1:2012)

Međunarodna normizacija ISO

ISO 18542-1:2012

Road vehicles – Standardized repair and maintenance information (RMI) terminology – Part 1: General information and use case definition

01.040.53 Oprema za rukovanje materijalima (Rječnici)

Međunarodna normizacija ISO

ISO 6747:2013

Earth-moving machinery – Dozers – Terminology and commercial specifications

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Europska normizacija CEN

EN 13956:2012

Flexible sheets for waterproofing – Plastic and rubber sheets for roof waterproofing – Definitions and characteristics

01.040.93 Niskogradnja (Rječnici)

Međunarodna normizacija ISO

ISO 16039:2004/Amd 1:2013

Road construction and maintenance equipment – Slipform pavers – Definitions and commercial specifications

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

Europska normizacija CEN

EN ISO 10628-2:2012

Diagrams for the chemical and petrochemical industry – Part 2: Graphical symbols (ISO 10628-2:2012)

Međunarodna normizacija ISO

ISO 10628-2:2012

Diagrams for the chemical and petrochemical industry – Part 2: Graphical symbols

01.100.25 Crteži u elektrotehnici i elektronici

Međunarodna normizacija IEC

IEC 60191-6-22:2012

Mechanical standardization of semiconductor devices – Part 6-22: General rules for the preparation of outline drawings of surface mounted semiconductor device packages – Design guide for semiconductor packages Silicon Fine-pitch Ball Grid Array and Silicon Fine-pitch Land Grid Array (S-FBGA and S-FLGA)

01.110 Tehnička dokumentacija o proizvodu

Međunarodna normizacija ISO

ISO/IEC Guide 37:2012

Instructions for use of products by consumers

Europska normizacija

CEN

- EN 9300-004:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 004: Description methods
- EN 9300-011:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 011: Reference process description “Data preparation”
- EN 9300-012:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 012: Reference process description “Ingest”
- EN 9300-013:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 013: Reference process description “Archival Storage”
- EN 9300-014:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 014: Reference process description “Retrieval”
- EN 9300-015:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 015: Reference process description “Removal”
- EN 15380-4:2013
Railway applications – Classification system for railway vehicles – Part 4: Function groups

01.120 Normizacija. Opća pravila

Europska normizacija

CEN/CENELEC

- CEN/CLC Guide 1:2012
Status of European Standard
- CEN/CLC Guide 2:2012
Consumer interests and the preparation of European Standards
- CEN/CLC Guide 3:2012
CEN and CENELEC co-operation agreement
- CEN/CLC Guide 4:2012
General Guidelines for the Cooperation between CEN, CENELEC and ETSI and the European Commission and the European Free Trade Association
- CEN/CLC Guide 5:2012
Trade unions and the preparation of European Standards
- CEN/CLC Guide 7:2012
Participation of a national standards institution in the activities planned by another standards institution
- CEN/CLC Guide 8:2012
CEN-CENELEC Guidelines for Implementation of the Common IPR Policy on Patent (and other statutory intellectual property rights based on inventions)
- CEN/CLC Guide 10:2012
Guidelines for the distribution and sales of CEN-CENELEC publications
- CEN/CLC Guide 12:2012
The concept of Affiliation with CEN and CENELEC
- CEN/CLC Guide 13:2012
The concept of Partner Standardization Body with CEN and CENELEC

- CEN/CLC Guide 14:2012
Child Safety – Guidance for its Inclusion in Standards
- CEN/CLC Guide 15:2012
Tasks and responsibilities of the New Approach consultants
- CEN/CLC Guide 16:2012
Request for EC financial support – Guidance to the secretariat/convenorship of the responsible Technical Body
- CEN/CLC Guide 18:2010
Execution of Specific Agreements issued to CEN and CENELEC in accordance with the EC and EFTA Framework Partnership Agreements 2009 (FPA 2009) covering the tasks to be assigned to CEN and CENELEC relating to European standardization
- CEN/CLC Guide 19:2012s
Guidelines for the administration of Specific Agreements by National Members including principles for subcontracting
- CEN/CLC Guide 20:2012
Guide on Membership Criteria of CEN and CENELEC
- CEN/CLC Guide 21:2012
CEN-CENELEC Membership Fee – Calculation methodology & periodic review policy
- CEN/CLC Guide 22:2012
Guide on the organisational structure and processes for the assessment of the membership criteria of CEN and CENELEC

Međunarodna normizacija

ISO

- ISO Guide 78:2012
Safety of machinery – Rules for drafting and presentation of safety standards

01.140.20 Informacijske znanosti

Europska normizacija

CEN

- CWA 16525:2012
Multilingual electronic cataloguing and classification in eBusiness – Classification Mapping for open and standardized product classification usage in eBusiness

03.060 Financije. Bankarstvo. Monetarni sustavi. Osiguranje

Europska normizacija

CEN/CENELEC

- CEN/CLC Guide 16:2012
Request for EC financial support – Guidance to the secretariat/convenorship of the responsible Technical Body

03.080.20 Usluge za poduzeća

Međunarodna normizacija

ISO

- ISO/PAS 28007:2012
Ships and marine technology – Guidelines for Private Maritime Security Companies (PMSC) providing privately contracted armed security personnel (PCASP) on board ships (and pro forma contract)

03.080.30 Usluge za potrošače

Common IPR Policy on Patent (and other statutory intellectual property rights based on inventions)

Međunarodna normizacija ISO

ISO/IEC Guide 37:2012
Instructions for use of products by consumers

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Međunarodna normizacija ISO

ISO 22313:2012
Societal security – Business continuity management systems – Guidance

03.100.10 Nabava. Opskrba. Logistika

Europska normizacija CEN

EN 16271:2012
Value management – Functional expression of the need and functional performance specification – Requirements for expressing and validating the need to be satisfied within the process of purchasing or obtaining a product

03.100.30 Upravljanje ljudskim resursima

Europska normizacija CEN

EN ISO/IEC 19788-1:2012
Information technology – Learning, education and training – Metadata for learning resources – Part 1: Framework (ISO/IEC 19788-1:2011)
EN ISO/IEC 19788-2:2012
Information technology – Learning, education and training – Metadata for learning resources – Part 2: Dublin Core elements (ISO/IEC 19788-2:2011)

Međunarodna normizacija ISO

ISO 8586:2012
Sensory analysis – General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors

03.100.99 Ostale norme koje se odnose na ustroj poduzeća i upravljanje poduzećem

Europska normizacija CEN/CENELEC

CEN/CLC Guide 19:2012s
Guidelines for the administration of Specific Agreements by National Members including principles for subcontracting

03.140 Patenti. Intelektualno vlasništvo

Europska normizacija CEN/CENELEC

CEN/CLC Guide 8:2012
CEN-CENELEC Guidelines for Implementation of the

03.220.20 Cestovni prijevoz

Europska normizacija CEN

CEN/TR 16405:2013
Intelligent transport systems – ESafety – ECall additional optional data set for heavy goods vehicles eCall

03.240 Poštanske usluge

Europska normizacija CEN

EN 13850:2012
Postal Services – Quality of Services – Measurement of the transit time of end-to-end services for single piece priority mail and first class mail

07.030 Fizika. Kemija

Međunarodna normizacija ISO

ISO/TR 13329:2012
Nanomaterials – Preparation of material safety data sheet (MSDS)

07.060 Geologija. Meteorologija. Hidrologija

Europska normizacija CEN

CEN/TR 16469:2013
Hydrometry – Measurement of the rainfall intensity (liquid precipitation): requirements, calibration methods and field measurements

11.040.01 Medicinska oprema općenito

Međunarodna normizacija IEC

IEC 60601-1-8:2006/am1:2012
Amendment 1 – Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems

IEC/TR 62348:2012
Assessment of the impact of the most significant changes in Amendment 1 to IEC 60601-1:2005 and mapping of the clauses of IEC 60601-1:2005 to the previous edition

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Europska normizacija CEN

EN ISO 5361:2012/AC:2012
Anaesthetic and respiratory equipment – Tracheal tubes and connectors – Technical Corrigendum 1 (ISO 5361:2012/Cor 1:2012)

EN ISO 80601-2-13:2012
Medical electrical equipment – Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2011)

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Europska normizacija CEN

EN ISO 14630:2012
Non-active surgical implants – General requirements (ISO 14630:2012)
EN ISO 25539-2:2012
Cardiovascular implants – Endovascular devices – Part 2: Vascular stents (ISO 25539-2:2012)

Međunarodna normizacija ISO

ISO 14630:2012
Non-active surgical implants – General requirements
ISO 25539-2:2012
Cardiovascular implants – Endovascular devices – Part 2: Vascular stents
ISO 14708-7:2013
Implants for surgery – Active implantable medical devices – Part 7: Particular requirements for cochlear implant systems

11.040.50 Radiografska oprema

Međunarodna normizacija IEC

IEC 60601-2-11:2013
Medical electrical equipment – Part 2-11: Particular requirements for the basic safety and essential performance of gamma beam therapy equipment

11.040.55 Dijagnostička oprema

Međunarodna normizacija IEC

IEC 61157:2007/am1:2013
Standard means for the reporting of the acoustic output of medical diagnostic ultrasonic equipment
IEC 61157 Edition 2.1:2013
Standard means for the reporting of the acoustic output of medical diagnostic ultrasonic equipment

11.040.70 Oftalmološka oprema

Europska normizacija CEN

EN ISO 10341:2006
Ophthalmic instruments – Refractor heads (ISO 10341:2012)
EN ISO 11979-3:2012
Ophthalmic implants – Intraocular lenses – Part 3: Mechanical properties and test methods (ISO 11979-3:2012)

EN ISO 18369-2:2012
Ophthalmic optics – Contact lenses – Part 2: Tolerances (ISO 18369-2:2012)

EN ISO 22665:2012
Ophthalmic optics and instruments – Instruments to measure axial distances in the eye (ISO 22665:2012)

Međunarodna normizacija ISO

ISO 10341:2006
Ophthalmic instruments – Refractor heads
ISO 11979-3:2012
Ophthalmic implants – Intraocular lenses – Part 3: Mechanical properties and test
ISO 18369-2:2012
Ophthalmic optics – Contact lenses – Part 2: Tolerances
ISO 22665:2012
Ophthalmic optics and instruments – Instruments to measure axial distances in the eye

11.060.10 Stomatološki materijali

Europska normizacija CEN

CEN/TR 16386:2013
Dentistry – Guidelines for handling methacrylate-based materials in the dental laboratory

11.100.10 In vitro dijagnostički ispitni sustavi

Europska normizacija CEN

EN ISO 16256:2012
Clinical laboratory testing and in vitro diagnostic test systems – Reference method for testing the in vitro activity of antimicrobial agents against yeast of fungi involved in infectious diseases (ISO 16256:2012)

Međunarodna normizacija ISO

ISO 16256:2012
Clinical laboratory testing and in vitro diagnostic test systems – Reference method for testing the in vitro activity of antimicrobial agents against yeast of fungi involved in infectious diseases

11.180.01 Pomagala za osobe s invaliditetom općenito

Europska normizacija CEN/CENELEC

CEN/CLC Guide 6:2002
Guidelines for standards developers to address the needs of older persons and persons with disabilities

11.180.10 Pomagala i prilagodbe za kretanje

Međunarodna normizacija ISO

ISO 7176-3:2012
Wheelchairs – Part 3: Determination of effectiveness of brakes

- ISO 7176-11:2012
Wheelchairs – Part 11: Test dummies
- ISO 7176-16:2012
Wheelchairs – Part 16: Resistance to ignition of postural support devices

11.180.15 Pomagala za gluhe i osobe oštećenog sluha

Međunarodna normizacija IEC

- IEC/TR 62809:2013
Summary of requirements and tests to products in the scope of IEC 60601-2-66

11.180.30 Pomagala za slijepo ili slabovidne osobe

Europska normizacija CEN

- CEN/TR 16427:2013
Intelligent transport systems – Public transport – Traveller Information for Visually Impaired People (TI-VIP)

13.020.01 Okoliš i zaštita okoliša općenito

Međunarodna normizacija ISO

- ISO 18601:2013
Packaging and the environment – General requirements for the use of ISO standards in the field of packaging and the environment
- ISO 18602:2013
Packaging and the environment – Optimization of the packaging system
- ISO 18603:2013
Packaging and the environment – Reuse
- ISO 18605:2013
Packaging and the environment – Energy recovery

13.030.01 Otpad općenito

Europska normizacija CEN

- CEN/TR 16363:2012
Characterization of waste – Kinetic testing for assessing acid generation potential of sulfidic waste from extractive industries

13.030.30 Posebni otpad

Europska normizacija CENELEC

- EN 50574:2012/AC:2012**
Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons

13.030.40 Instalacije i oprema za odlaganje i obradu otpada

Europska normizacija CEN

- EN 840-1:2012
Mobile waste and recycling containers – Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices – Dimensions and design
- EN 840-2:2012
Mobile waste and recycling containers – Part 2: Containers with 4 wheels with a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb lifting devices – Dimensions and design
- EN 840-3:2012
Mobile waste and recycling containers – Part 3: Containers with 4 wheels with a capacity up to 1 300 l with dome lid(s), for trunnion and/or comb lifting devices – Dimensions and design
- EN 16252:2012
Machines for compacting waste materials or recyclable fractions – Horizontal baling presses – Safety requirements

CENELEC

- EN 50574:2012/AC:2012
Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons

13.030.50 Recikliranje

Međunarodna normizacija ISO

- ISO 18604:2013
Packaging and the environment – Material recycling
- ISO 18606:2013
Packaging and the environment – Organic recycling

13.040.30 Atmosfera u radnome prostoru

Međunarodna normizacija ISO

- ISO 14382:2012
Workplace atmospheres – Determination of toluene diisocyanate vapours using 1-(2-pyridyl)piperazine-coated glass fibre filters and analysis by high performance liquid chromatography with ultraviolet and fluorescence detectors

13.040.40 Emisije iz stacionarnih izvora

Europska normizacija CEN

- EN 12619:2013
Stationary source emissions – Determination of the mass concentration of total gaseous organic carbon – Continuous flame ionisation detector method

13.060.70 Ispitivanje bioloških svojstava vode

Europska normizacija

CEN

EN ISO 7827:2012

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

13.060.99 Ostale norme koje se odnose na kvalitetu vode

Europska normizacija

CEN

EN 16164:2013

Water quality – Guidance standard for designing and selecting taxonomic keys

13.080.30 Biološka svojstva tla

Europska normizacija

CEN

EN ISO 11269-1:2012

Soil quality – Determination of the effects of pollutants on soil flora – Part 1: Method for the measurement of inhibition of root growth (ISO 11269-1:2012)

13.110 Sigurnost strojeva

Međunarodna normizacija

ISO

ISO Guide 78:2012

Safety of machinery – Rules for drafting and presentation of safety standards

IEC

IEC 61496-2:2013

Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs)

13.160 Utjecaj vibracija i udara na ljude

Međunarodna normizacija

ISO

ISO 10068:2012

Mechanical vibration and shock – Mechanical impedance of the human hand-arm system at the driving point

13.220.01 Zaštita od požara općenito

Međunarodna normizacija

ISO

ISO 16737:2012

Fire safety engineering – Requirements governing algebraic equations – Vent flows

ISO 29903:2012

Guidance for comparison of toxic gas data between different physical fire models and scales

13.220.20 Zaštita od požara

Međunarodna normizacija

ISO

ISO 6182-2:2012

Fire protection – Automatic sprinkler systems – Part 2: Requirements and test methods for wet alarm valves, retard chambers and water motor alarms

ISO 6182-3:2012

Fire protection – Automatic sprinkler systems – Part 3: Requirements and test methods for dry pipe valves

ISO 6182-5:2012

Fire protection – Automatic sprinkler systems – Part 5: Requirements and test methods for deluge valves

ISO 7240-23:2013

Fire detection and alarm systems – Part 23: Visual alarm devices

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija

CEN

EN ISO 5659-2:2012

Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test (ISO 5659-2:2012)

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EN 61249-2-39:2013

Materials for printed boards and other interconnecting structures – Part 2-39: Reinforced base materials clad and unclad – High performance epoxide and non-epoxide, woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

EN 61249-2-40:2013

Materials for printed boards and other interconnecting structures – Part 2-40: Reinforced base materials clad and unclad – High performance, non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

Međunarodna normizacija

ISO

ISO 5659-2:2012

Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test

ISO 7176-16:2012

Wheelchairs – Part 16: Resistance to ignition of postural support devices

13.340.10 Zaštitna odjeća

Europska normizacija

CEN

EN 1621-1:2012

Motorcyclists' protective clothing against mechanical impact – Part 1: Motorcyclists' limb joint impact protectors – Requirements and test methods

EN 1621-4:2012

Motorcyclists' protective clothing against mechanical impact – Part 4: Motorcyclists' inflatable protectors – Requirements and test methods

13.340.50 Zaštita nogu i stopala

Europska normizacija

CEN

CEN ISO/TR 18690:2012

Guidance for the selection, use and maintenance of safety and occupational footwear and other personal protective equipment offering foot and leg protection (ISO/TR 18690:2012)

Međunarodna normizacija

ISO

ISO/TR 18690:2012

Guidance for the selection, use and maintenance of safety and occupational footwear and other personal protective equipment offering foot and leg protection

17.040.30 Mjerni instrumenti

Europska normizacija

CEN

EN ISO 25178-71:2012

Geometrical product specifications (GPS) – Surface texture: Areal – Part 71: Software measurement standards (ISO 25178-71:2012)

Međunarodna normizacija

ISO

ISO 25178-71:2012

Geometrical product specifications (GPS) – Surface texture: Areal – Part 71: Software measurement standards

17.140.20 Buka koju proizvode strojevi i oprema

Europska normizacija

CENELEC

EN 60704-1:2010/A11:2012

Household and similar electrical appliances – Test code for the determination of airborne noise – Part 1: General requirements

Međunarodna normizacija

IEC

IEC 60704-2-14:2013

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers

17.140.50 Elektroakustika

Europska normizacija

CENELEC

EN 61094-8:2012/AC:2013

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

Međunarodna normizacija

IEC

IEC 61161:2013

Ultrasonics – Power measurement – Radiation force balances and performance requirements

17.180.20 Boje i mjerenje svjetlosti

Europska normizacija

CEN

EN 16237:2013

Classification of non-electrical sources of incoherent optical radiation

Međunarodna normizacija

IEC

IEC/TR 62732:2012

Three-digit code for designation of colour rendering and correlated colour temperature

17.180.30 Optički mjerni instrumenti

Međunarodna normizacija

ISO

ISO 17123-5:2012

Optics and optical instruments – Field procedures for testing geodetic and surveying instruments – Part 5: Total stations

17.240 Mjerenja zračenja

Europska normizacija

CEN

EN 16237:2013

Classification of non-electrical sources of incoherent optical radiation

Međunarodna normizacija

ISO

ISO 20785-1:2012

Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 1: Conceptual basis for measurements

IEC

IEC 62387:2012

Radiation protection instrumentation – Passive integrating dosimetry systems for personal and environmental monitoring of photon and beta radiation

IEC 62706:2012

Radiation protection instrumentation – Environmental, electromagnetic and mechanical performance requirements

19.040 Ispitivanje utjecaja okoliša

Međunarodna normizacija

IEC

IEC 60721-2-2:2012

Classification of environmental conditions – Part 2-2: Environmental conditions appearing in nature – Precipitation and wind

19.100 Nerazorna ispitivanja

Europska normizacija

CEN

EN ISO 3059:2012

Non-destructive testing – Penetrant testing and magnetic particle testing – Viewing conditions (ISO 3059:2012)

Međunarodna normizacija

ISO

ISO 3059:2012

Non-destructive testing – Penetrant testing and magnetic particle testing – Viewing conditions

21.060.10 Vijci i svorni vijci

Europska normizacija

CEN

EN ISO 10642:2004/A1:2012

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

EN ISO 898-1:2013

Mechanical properties of fasteners made of carbon steel and alloy steel – Part 1: Bolts, screws and studs with specified property classes – Coarse thread and fine pitch thread (ISO 898-1:2013)

Međunarodna normizacija

ISO

ISO 898-1:2013

Mechanical properties of fasteners made of carbon steel and alloy steel – Part 1: Bolts, screws and studs with specified property classes – Coarse thread and fine pitch thread

21.060.20 Matice

Europska normizacija

CEN

EN ISO 4032:2012

Hexagon regular nuts (style 1) – Product grades A and B (ISO 4032:2012)

EN ISO 4033:2012

Hexagon high nuts (style 2) – Product grades A and B (ISO 4033:2012)

EN ISO 4034:2012

Hexagon regular nuts (style 1) – Product grade C (ISO 4034:2012)

EN ISO 4035:2012

Hexagon thin nuts chamfered (style 0) – Product grades A and B (ISO 4035:2012)

EN ISO 4036:2012

Hexagon thin nuts unchamfered (style 0) – Product grade B (ISO 4036:2012)

EN ISO 7040:2012

Prevailing torque type hexagon regular nuts (with non-metallic insert) – Property classes 5, 8 and 10 (ISO 7040:2012)

EN ISO 7042:2012

Prevailing torque type all-metal hexagon high nuts – Property classes 5, 8, 10 and 12 (ISO 7042:2012)

EN ISO 7719:2012

Prevailing torque type all-metal hexagon regular nuts – Property classes 5, 8 and 10 (ISO 7719:2012)

EN ISO 8673:2012

Hexagon regular nuts (style 1) with metric fine pitch thread – Product grades A and B (ISO 8673:2012)

EN ISO 8674:2012

Hexagon high nuts (style 2) with metric fine pitch thread – Product grades A and B (ISO 8674:2012)

EN ISO 8675:2012

Hexagon thin nuts chamfered (style 0) with metric fine pitch thread – Product grades A and B (ISO 8675:2012)

EN ISO 10511:2012

Prevailing torque type hexagon thin nuts (with non-metallic insert) (ISO 10511:2012)

EN ISO 10512:2012

Prevailing torque type hexagon regular nuts (with non-metallic insert) with metric fine pitch thread – Property classes 6, 8 and 10 (ISO 10512:2012)

EN ISO 10513:2012

Prevailing torque type all-metal hexagon high nuts with metric fine pitch thread – Property classes 8, 10 and 12 (ISO 10513:2012)

Međunarodna normizacija

ISO

ISO 4032:2012

Hexagon regular nuts (style 1) – Product grades A and B

ISO 4033:2012

Hexagon high nuts (style 2) – Product grades A and B

ISO 4034:2012

Hexagon regular nuts (style 1) – Product grade C

ISO 4035:2012

Hexagon thin nuts chamfered (style 0) – Product grades A and B

ISO 4036:2012

Hexagon thin nuts unchamfered (style 0) – Product grade B

ISO 7040:2012

Prevailing torque type hexagon regular nuts (with non-metallic insert) – Property classes 5, 8 and 10

ISO 7042:2012

Prevailing torque type all-metal hexagon high nuts – Property classes 5, 8, 10 and 12

ISO 7719:2012

Prevailing torque type all-metal hexagon regular nuts – Property classes 5, 8 and 10

ISO 8673:2012

Hexagon regular nuts (style 1) with metric fine pitch thread – Product grades A and B

ISO 8674:2012

Hexagon high nuts (style 2) with metric fine pitch thread – Product grades A and B

ISO 8675:2012

Hexagon thin nuts chamfered (style 0) with metric fine pitch thread – Product grades A and B

ISO 10511:2012

Prevailing torque type hexagon thin nuts (with non-metallic insert)

ISO 10512:2012

Prevailing torque type hexagon regular nuts (with non-metallic insert) with metric fine pitch thread – Property classes 6, 8 and 10

ISO 10513:2012

Prevailing torque type all-metal hexagon high nuts with metric fine pitch thread – Property classes 8, 10 and 12

21.100.10 Klizni ležajevi

Međunarodna normizacija

ISO

ISO 3548-3:2012

Plain bearings – Thin-walled half bearings with or without flange – Part 3: Measurement of peripheral length

21.200 Zupčanici

Međunarodna normizacija ISO/IEC

IEC 61400-4:2012
Wind turbines – Part 4: Design requirements for wind turbine gearboxes

21.220.10 Remenski pogon i njegovi sastavni dijelovi

Međunarodna normizacija ISO

ISO 5294:2012
Synchronous belt drives – Pulleys

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija CEN

EN ISO 22435:2007/A1:2012
Gas cylinders – Cylinder valves with integrated pressure regulators – Specification and type testing (ISO 22435:2007/Amd 1:2012)

Međunarodna normizacija ISO

ISO/TR 11364:2012
Gas cylinders – Compilation of national and international valve stem/gas cylinder neck threads and their identification and marking system

ISO 19078:2013
Gas cylinders – Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles

ISO 22435:2007/Amd 1:2012
Gas cylinders – Cylinder valves with integrated pressure regulators – Specification and type testing

23.040.20 Plastične cijevi

Europska normizacija CEN

EN ISO 10147:2012
Pipes and fittings made of crosslinked polyethylene (PE-X) – Estimation of the degree of crosslinking by determination of the gel content (ISO 10147:2011)

Međunarodna normizacija ISO

ISO 18225:2012
Plastics piping systems – Multilayer piping systems for outdoor gas installations – Specifications for systems

23.040.45 Plastične spojnice

Europska normizacija CEN

EN ISO 10147:2012
Pipes and fittings made of crosslinked polyethylene (PE-X) – Estimation of the degree of crosslinking by determination of the gel content (ISO 10147:2011)

Međunarodna normizacija ISO

ISO 18225:2012
Plastics piping systems – Multilayer piping systems for outdoor gas installations – Specifications for systems

23.040.60 Prirubnice, spojnice i spojevi

Europska normizacija CEN

EN 1092-1:2007+A1:2013
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, PN designated – Part 1: Steel flanges

EN ISO 27509:2012
Petroleum and natural gas industries – Compact flanged connections with IX seal ring (ISO 27509:2012)

Međunarodna normizacija ISO

ISO 27509:2012
Petroleum and natural gas industries – Compact flanged connections with IX seal ring

23.040.70 Crijeva i crijevni sklopovi

Međunarodna normizacija ISO

ISO/TR 28821:2012
Gas welding equipment – Hose connections for equipment for welding, cutting and allied processes – Listing of connections which are either standardised or in common use

23.060.10 Ventili

Europska normizacija CEN

EN 161:2011+A3:2013
Automatic shut-off valves for gas burners and gas appliances

23.060.40 Regulatori tlaka

Međunarodna normizacija ISO

ISO/TR 11364:2012
Gas cylinders – Compilation of national and international valve stem/gas cylinder neck threads and their identification and marking system

23.080 Pumpe

Međunarodna normizacija IEC

IEC 60335-2-41:2012
Household and similar electrical appliances – Safety – Part 2-41: Particular requirements for pumps

23.100.40 Cijevovodi i spojnice

Međunarodna normizacija

ISO

ISO 6162-1:2012

Hydraulic fluid power – Flange connections with split or one-piece flange clamps and metric or inch screws – Part 1: Flange connectors, ports and mounting surfaces for use at pressures of 3,5 MPa (35 bar) to 35 MPa (350 bar), DN 13 to DN 127

ISO 6162-2:2012

Hydraulic fluid power – Flange connections with split or one-piece flange clamps and metric or inch screws – Part 2: Flange connectors, ports and mounting surfaces for use at a pressure of 42 MPa (420 bar), DN 13 to DN 76

23.100.50 Upravljački sastavni dijelovi

Međunarodna normizacija

ISO

ISO 10770-2:2012

Hydraulic fluid power – Electrically modulated hydraulic control valves – Part 2: Test methods for three-port directional flow-control valves

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija

ISO

ISO 14306:2012

Industrial automation systems and integration – JT file format specification for 3D visualization

IEC

IEC 61499-4:2013

Function blocks – Part 4: Rules for compliance profiles

25.100.10 Alati za tokarenje

Međunarodna normizacija

ISO

ISO 5609-1:2012

Tool holders for internal turning with cylindrical shank for indexable inserts – Part 1: Designation, styles, dimensions and calculation for corrections

ISO 5609-2:2012

Tool holders for internal turning with cylindrical shank for indexable inserts – Part 2: Style F

ISO 5609-3:2012

Tool holders for internal turning with cylindrical shank for indexable inserts – Part 3: Style K

ISO 5609-4:2012

Tool holders for internal turning with cylindrical shank for indexable inserts – Part 4: Style L

ISO 5609-5:2012

Tool holders for internal turning with cylindrical shank for indexable inserts – Part 5: Style U

ISO 5609-6:2012

Tool holders for internal turning with cylindrical shank for indexable inserts – Part 6: Style Q

25.100.70 Abrazivi

Međunarodna normizacija

ISO

ISO 603-18:2013

Bonded abrasive products – Dimensions – Part 18: Grinding wheels for flat glass edge grinding machines

25.120.10 Oprema za kovanje. Preše. Škare

Europska normizacija

CEN

EN 16252:2012

Machines for compacting waste materials or recyclable fractions – Horizontal baling presses – Safety requirements

25.140.10 Pneumatski alati

Europska normizacija

CEN

EN ISO 11148-3:2012

Hand-held non-electric power tools – Safety requirements – Part 3: Drills and tappers (ISO 11148-3:2012)

EN ISO 11148-4:2012

Hand-held non-electric power tools – Safety requirements – Part 4: Non-rotary percussive power tools (ISO 11148-4:2012)

EN ISO 11148-6:2012

Hand-held non-electric power tools – Safety requirements – Part 6: Assembly power tools for threaded fasteners (ISO 11148-6:2012)

EN ISO 11148-12:2012

Hand-held non-electric power tools – Safety requirements – Part 12: Circular, oscillating and reciprocating saws (ISO 11148-12:2012)

Međunarodna normizacija

ISO

ISO 11148-3:2012

Hand-held non-electric power tools – Safety requirements – Part 3: Drills and tappers

ISO 11148-4:2012

Hand-held non-electric power tools – Safety requirements – Part 4: Non-rotary percussive power tools

ISO 11148-6:2012

Hand-held non-electric power tools – Safety requirements – Part 6: Assembly power tools for threaded fasteners

ISO 11148-12:2012

Hand-held non-electric power tools – Safety requirements – Part 12: Circular, oscillating and reciprocating saws

25.140.20 Električni alati

Europska normizacija

CENELEC

EN 60745-2-22:2011/A11:2013

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

Međunarodna normizacija

IEC

IEC 60745-2-23:2012

Hand-held motor-operated electric tools – Safety – Part 2-23: Particular requirements for die grinders and small rotary tools

25.160.10 Procesi zavarivanja

Međunarodna normizacija

ISO

ISO 16338:2013

Welding for aerospace applications – Resistance spot and seam welding

25.160.30 Oprema za zavarivanje

Međunarodna normizacija

IEC

IEC 60974-2:2013

Arc welding equipment – Part 2: Liquid cooling systems

IEC 60974-7:2013

Arc welding equipment – Part 7: Torches

25.160.40 Zavareni spojevi i zavari

Europska normizacija

CEN

EN ISO 17636-1:2013

Non-destructive testing of welds – Radiographic testing – Part 1: X- and gamma-ray techniques with film (ISO 17636-1:2013)

EN ISO 17636-2:2013

Non-destructive testing of welds – Radiographic testing – Part 2: X- and gamma-ray techniques with digital detectors (ISO 17636-2:2013)

Međunarodna normizacija

ISO

ISO 17636-1:2013

Non-destructive testing of welds – Radiographic testing – Part 1: X- and gamma-ray techniques with film

ISO 17636-2:2013

Non-destructive testing of welds – Radiographic testing – Part 2: X- and gamma-ray techniques with digital detectors

25.180.01 Industrijske peći općenito

Međunarodna normizacija

ISO

ISO 13579-1:2013

Industrial furnaces and associated processing equipment – Method of measuring energy balance and calculating efficiency – Part 1: General methodology

ISO 13579-2:2013

Industrial furnaces and associated processing equipment – Method of measuring energy balance and calculating efficiency – Part 2: Reheating furnaces for steel

ISO 13579-3:2013

Industrial furnaces and associated processing equipment – Method of measuring energy balance and calculating efficiency – Part 3: Batch-type aluminium melting furnaces

ISO 13579-4:2013

Industrial furnaces and associated processing equipment – Method of measuring energy balance and calculating efficiency – Part 4: Furnaces with protective or reactive atmosphere

25.220.20 Površinska obrada

Međunarodna normizacija

ISO

ISO 13826:2013

Metallic and other inorganic coatings – Determination of thermal diffusivity of thermally sprayed ceramic coatings by laser flash method

25.220.50 Emajli

Europska normizacija

CEN

EN ISO 28721-4:2012

Vitreous and porcelain enamels – Glass-lined apparatus for process plants – Part 4: Quality requirements for glass-lined flanged steel pipes and flanged steel fittings (ISO 28721-4:2010)

27.070 Gorivi članci

Europska normizacija

CENELEC

EN 62282-6-100:2010/A1:2012

Fuel cell technologies – Part 6-100: Micro fuel cell power systems – Safety (IEC 62282-6-100:2010/am1:2012)

Međunarodna normizacija

IEC

IEC 62282-6-300:2012

Fuel cell technologies – Part 6-300: Micro fuel cell power systems – Fuel cartridge interchangeability

27.075 Tehnologije vodika

Međunarodna normizacija

ISO

ISO 14687-2:2012

Hydrogen fuel – Product specification – Part 2: Proton exchange membrane (PEM) fuel cell applications for road vehicles

27.120.20 Nuklearne elektrane. Sigurnost

Međunarodna normizacija

IEC

IEC/IEEE 62582-3:2012

Nuclear power plants – Instrumentation and control important to safety – Electrical equipment condition monitoring methods – Part 3: Elongation at break

27.120.30 Fisijski materijali i tehnologija nuklearnog goriva

Međunarodna normizacija ISO

ISO 16424:2012

Nuclear energy – Evaluation of homogeneity of Gd distribution within gadolinium fuel blends and determination of Gd₂O₃ content in gadolinium fuel pellets by measurements of uranium and gadolinium elements

27.180 Sustavi vjetroagregata

Međunarodna normizacija ISO/IEC

IEC 61400-4:2012

Wind turbines – Part 4: Design requirements for wind turbine gearboxes

29.020 Elektrotehnika općenito

Međunarodna normizacija IEC

IEC/PAS 62814:2012

Dependability of software products containing reusable components – Guidance for functionality and tests

IEC 61124:2012/Corr.1:2013

Reliability testing – Compliance tests for constant failure rate and constant failure intensity; Corrigendum 1

29.035.20 Plastični i gumeni izolacijski materijali

Europska normizacija CENELEC

EN 60893-3-4:2004/A1:2012

Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-4: Specifications for individual materials – Requirements for rigid laminated sheets based on phenolic resins (IEC 60893-3-4:2003/am1:2012)

29.040.10 Izolacijska ulja

Međunarodna normizacija IEC

IEC 60422:2013

Mineral insulating oils in electrical equipment – Supervision and maintenance guidance

29.050 Supravodljivost i vodljivi materijali

Međunarodna normizacija IEC

IEC 61788-16:2013

Superconductivity – Part 16: Electronic characteristic measurements – Power-dependent surface resistance of superconductors at microwave frequencies

IEC 61788-17:2013

Superconductivity – Part 17: Electronic characteristic measurements – Local critical current density and its distribution in large-area superconducting films

29.060.10 Žice

Međunarodna normizacija IEC

IEC 60317-49:2012/Corr.1:2013

Specifications for particular types of winding wires – Part 49: Glass-fibre wound high temperature resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180; Corrigendum 1

29.120.40 Sklopke

Međunarodna normizacija IEC

IEC 60934:2000/am2:2013

Circuit-breakers for equipment (CBE); Amendment 2

IEC 60934 Edition 3.2:2013

Circuit-breakers for equipment (CBE)

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija CENELEC

EN 61008-1:2012

Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules (IEC 61008-1:2010, modified)

EN 61009-1:2012

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules (IEC 61009-1:2010, modified)

EN 62423:2012

Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses (IEC 62423:2009, modified + Corr.:2011)

Međunarodna normizacija IEC

IEC 60127-4:2005/am2:2012

Amendment 2 – Miniature fuses – Part 4: Universal modular fuse-links (UMF) – Through-hole and surface mount types

IEC 60127-4 Edition 3.2:2012

Miniature fuses – Part 4: Universal modular fuse-links (UMF) – Through-hole and surface mount types

IEC 60269-3:2010/am1:2013

Low-voltage fuses – Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar applications) – Examples of standardized systems of fuses A to F; Amendment 1

IEC 60269-3 Edition 4.1:2013

Low-voltage fuses – Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar applications) – Examples of standardized systems of fuses A to F

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Međunarodna normizacija IEC

- IEC 62271-100 am1:2012/Corr.1:2012
High-voltage switchgear and controlgear – Part 100: Alternating current circuit-breakers; Amendment 1; Corrigendum 1
- IEC 62271-207:2012/Corr.1:2013
High-voltage switchgear and controlgear – Part 207: Seismic qualification for gas-insulated switchgear assemblies for rated voltages above 52 kV; Corrigendum 1
- IEC/TR 62271-306:2012
High-voltage switchgear and controlgear – Part 306: Guide to IEC 62271-100, IEC 62271-1 and other IEC standards related to alternating current circuit-breakers

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Europska normizacija CENELEC

- EN 60947-5-5:1997/A11:2013
Low-voltage switchgear and controlgear – Part 5-5: Control circuit devices and switching elements – Electrical emergency stop device with mechanical latching function

Međunarodna normizacija IEC

- IEC 60947-2:2006/am 2:2013
Low-voltage switchgear and controlgear – Part 2: Circuit-breakers
- IEC 60947-2 Edition 4.2:2013
Low-voltage switchgear and controlgear – Part 2: Circuit-breakers

29.140.10 Kape i držači svjetiljki

Međunarodna normizacija IEC

- IEC 61184 Corrigendum 2:2012
Bayonet lampholders; Corrigendum 2

29.140.40 Rasvjetna tijela

Europska normizacija CEN

- EN 16268:2013
Performance of reflecting surfaces for luminaires

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

- EN 62560:2012
Self-ballasted LED-lamps for general lighting services by voltage > 50 V – Safety specifications (IEC 62560:2011, modified + Corrigendum:2012)

29.160.30 Motori

Međunarodna normizacija IEC

- IEC 60034-28:2012
Rotating electrical machines – Part 28: Test methods for determining quantities of equivalent circuit diagrams for three-phase low-voltage cage induction motors
- IEC 60349-4:2012
Electric traction – Rotating electrical machines for rail and road vehicles – Part 4: Permanent magnet synchronous electrical machines connected to an electronic converter

29.160.40 Električni agregati

Međunarodna normizacija IEC

- IEC 62040-1:2008/am1:2013
Uninterruptible power systems (UPS) – Part 1: General and safety requirements for UPS; Amendment 1
- IEC 62040-1 Edition 1.1:2013
Uninterruptible power systems (UPS) – Part 1: General and safety requirements for UPS

29.220.01 Galvanski članci i baterije općenito

Međunarodna normizacija IEC

- IEC 62281:2012
Safety of primary and secondary lithium cells and batteries during transport

29.220.20 Kiseli sekundarni članci i baterije

Međunarodna normizacija ISO

- ISO/IEC PAS 16898:2012
Electrically propelled road vehicles – Dimensions and designation of secondary lithium-ion cells

29.220.30 Alkalni sekundarni članci i baterije

Međunarodna normizacija IEC

- IEC 62133:2012
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications

31.020 Elektronički sastavni dijelovi općenito

Međunarodna normizacija IEC

- IEC/PAS 62814:2012
Dependability of software products containing reusable components – Guidance for functionality and tests

31.060.70 Energetski kondenzatori

Međunarodna normizacija

IEC

IEC 60143-2:2012

Series capacitors for power systems – Part 2: Protective equipment for series capacitor banks

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija

IEC

IEC/PAS 62825:2013

Methods of measurement and limits for radiated disturbances from plasma display panel TVs in the frequency range 150 kHz to 30 MHz

31.140 Piezoelektrične naprave

Međunarodna normizacija

IEC

IEC 60679-3:2012

Quartz crystal controlled oscillators of assessed quality – Part 3: Standard outlines and lead connections

31.180 Tiskani krugovi i pločice

Europska normizacija

CENELEC

EN 61249-2-39:2013

Materials for printed boards and other interconnecting structures – Part 2-39: Reinforced base materials clad and unclad – High performance epoxide and non-epoxide, woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

EN 61249-2-40:2013

Materials for printed boards and other interconnecting structures – Part 2-40: Reinforced base materials clad and unclad – High performance, non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

Međunarodna normizacija

IEC

IEC 61193-3:2013

Quality assessment systems – Part 3: Selection and use of sampling plans for printed board and laminate end-product and in-process auditing

31.200 Integrirani krugovi. Mikroelektronika

Europska normizacija

CENELEC

CLC/TR 62258-4:2013

Semiconductor die products – Part 4: Questionnaire for die users and suppliers (iec/tr 62258-4:2012)

31.220.10 Utikačke i utičničke naprave. Konektori

Međunarodna normizacija

IEC

IEC 61169-26:2013

Radio-frequency connectors – Part 26: Sectional specification for TNCA series RF coaxial connectors

31.240 Mehaničke konstrukcije za elektroničku opremu

Međunarodna normizacija

IEC

IEC 60191-6-22:2012

Mechanical standardization of semiconductor devices – Part 6-22: General rules for the preparation of outline drawings of surface mounted semiconductor device packages – Design guide for semiconductor packages Silicon Fine-pitch Ball Grid Array and Silicon Fine-pitch Land Grid Array (S-FBGA and S-FLGA)

31.260 Optoelektronika. Laserska oprema

Međunarodna normizacija

IEC

IEC 61496-2:2013

Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs)

33.020 Telekomunikacije općenito

Europska normizacija

ETSI

ETSI SR 002 959 V1.2.2:2012

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

ETSI SR 002 960 V1.0.1:2012

Working in ETSI within an OSS context: Guidance and recommendations, including usage of OSS within ETSI Secretariat, adoption/usage of elements of OSS in the elaboration of ETSI Standards and adoption of ETSI Standards within the OSS communities

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija

ETSI

EN 319 401 V1.1.1:2013

Electronic Signatures and Infrastructures (ESI) – General Policy Requirements for Trust Service Providers supporting Electronic Signatures

EN 319 411-2 V1.1.1:2013

Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 2: Policy requirements for certification authorities issuing qualified certificates

EN 319 411-3 V1.1.1:2013

Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 3: Policy requirements for Certification Authorities issuing public key certificates

ETSI ES 202 057-1 V2.1.1:2013

Speech Processing, Transmission and Quality Aspects (STQ) – User related QoS parameter definitions and measurements – Part 1: General

ETSI TR 102 948 V1.2.1:2012

Speech and multimedia Transmission Quality (STQ) – Quality Assessment of Synthesized Speech

ETSI TR 103 122 V1.1.1:2012

Speech and multimedia Transmission Quality (STQ) – QoS of connections from current technologies to LTE for delay sensitive applications

ETSI TR 103 170 V1.1.1:2012

Emergency Communications (EMTEL) – Total Conversation Access to Emergency Services

33.040.35 Telefonske mreže

Europska normizacija

ETSI

ETSI TS 101 671 V3.11.1:2012

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

33.040.40 Mreže za prijenos podataka

Međunarodna normizacija

IEC

IEC 61850-5:2013

Communication networks and systems for power utility automation – Part 5: Communication requirements for functions and device models

IEC 61850-10:2012

Communication networks and systems for power utility automation – Part 10: Conformance testing

33.040.60 Telekomunikacije putem elektroenergetskih vodova

Europska normizacija

ETSI

ETSI TS 103 909 V1.1.1:2012

Power Line Telecommunications (PLT) Narrow band transceivers in the range 9 kHz to 500 kHz Power Line Performance Test Method Guide

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija

ETSI

ETSI TS 102 790-1 V2.1.1:2012

IMS Network Testing (INT) – IMS specific use of Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Conformance Testing – Part 1: Protocol Implementation Conformance Statement (PICS)

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

ETSI

ETSI EN 301 908-2 V5.4.1:2012

IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)

33.060.40 Kabelski distribucijski sustavi

Europska normizacija

ETSI

ETSI TR 101 569 V1.1.1:2012

Access, Terminals, Transmission and Multiplexing (ATTM) – Integrated Broadband Cable and Television Networks – Cable Network Transition to IPv6

ETSI TS 101 952-4 V1.1.1:2012

Access, Terminals, Transmission and Multiplexing (ATTM) – Access network xDSL splitters for European deployment – Part 4: Specification for dynamic distributed filters for xDSL over POTS

ETSI TR 102 970 V1.1.1:2013

Reconfigurable Radio Systems (RRS) – Use Cases for spectrum and network usage among Public Safety, Commercial and Military domains

ETSI TS 103 095 V1.1.1:2013

Reconfigurable Radio Systems (RRS) – Radio Reconfiguration related Architecture for Mobile Devices

33.070.30 Digitalne poboljšane bežične telekomunikacije (DECT)

Europska normizacija

ETSI

ETSI TR 103 089 V1.1.1:2013

Digital Enhanced Cordless Telecommunications (DECT) – DECT properties and radio parameters relevant for studies on compatibility with cellular technologies operating on frequency blocks adjacent to the DECT frequency band

33.070.40 Sateliti

Europska normizacija

ETSI

ETSI TS 101 376-1-2 V3.3.1:2012

GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 1: General specifications – Sub-part 2: Introduction to the GMR-1 family – GMR-1 3G 41.201

ETSI TS 101 376-1-3 V3.3.1:2012

GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 1: General specifications – Sub-part 3: General System Description – GMR-1 3G 41.202

ETSI TS 101 376-3-3 V3.3.1:2012

GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 3: Network specifications – Sub-part 3: Numbering, addressing and identification – GMR-1 3G 23.003

- ETSI TS 101 376-3-10 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 3: Network specifications – Sub-part 10: Functions related to Mobile Earth Station (MES) in idle mode – GMR-1 3G 43.022
- ETSI TS 101 376-3-22 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 3: Network specifications – Sub-part 22: Overall description of the GMPRS radio interface – Stage 2 – GMR-1 3G 43.064
- ETSI TS 101 376-3-23 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 3: Network specifications – Sub-part 23: Radio Access Network – Overall description – Stage 2 – GMR-1 3G 43.051
- ETSI TS 101 376-4-4 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 4: Radio interface protocol specifications – Sub-part 4: Layer 1 General Requirements – GMR-1 3G 44.004
- ETSI TS 101 376-4-7 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 4: Radio interface protocol specifications – Sub-part 7: Mobile Radio Interface Signalling Layer 3 General Aspects – GMR-1 3G 24.007
- ETSI TS 101 376-4-8 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 4: Radio interface protocol specifications – Sub-part 8: Mobile Radio Interface Layer 3 Specifications – GMR-1 3G 44.008
- ETSI TS 101 376-4-12 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 4: Radio interface protocol specifications – Sub-part 12: Mobile Earth Station (MES) – Base Station System (BSS) interface – Radio Link Control/Medium Access Control (RLC/MAC) protocol – GMR-1 3G 44.060
- ETSI TS 101 376-4-13 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 4: Radio interface protocol specifications – Sub-part 13: Radio Resource Control (RRC) protocol – In Mode – GMR-1 3G 44.118
- ETSI TS 101 376-4-14 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 4: Radio interface protocol specifications – Sub-part 14: Mobile Earth Station (MES) – Base Station System (BSS) interface – Radio Link Control/Medium Access Control (RLC/MAC) protocol – In Mode – GMR-1 3G 44.160
- ETSI TS 101 376-4-15 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 4: Radio interface protocol specifications – Sub-part 15: Packet Data Convergence Protocol (PDCP) specification – GMR-1 3G 25.323
- ETSI TS 101 376-5-1 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 5: Radio interface physical layer specifications – Sub-part 1: Physical Layer on the Radio Path: General Description – GMR-1 3G 45.001
- ETSI TS 101 376-5-2 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 5: Radio interface physical layer specifications – Sub-part 3: Channel Coding – GMR-1 3G 45.003
- ETSI TS 101 376-5-3 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 5: Radio interface physical layer specifications – Sub-part 3: Channel Coding – GMR-1 3G 45.003
- ETSI TS 101 376-5-4 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 5: Radio interface physical layer specifications – Sub-part 4: Modulation – GMR-1 3G 45.004
- ETSI TS 101 376-5-5 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 5: Radio interface physical layer specifications – Sub-part 5: Radio Transmission and Reception – GMR-1 3G 45.005
- ETSI TS 101 376-5-6 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 5: Radio interface physical layer specifications – Sub-part 6: Radio Subsystem Link Control – GMR-1 3G 45.008
- ETSI TS 101 376-5-7 V3.3.1:2012
GEO-Mobile Radio Interface Specifications (Release 3) – Third Generation Satellite Packet Radio Service – Part 5: Radio interface physical layer specifications – Sub-part 7: Radio Subsystem Synchronization – GMR-1 3G 45.010
- ETSI TS 101 851-1-3 V3.2.1:2012
Satellite Earth Stations and Systems (SES) – Satellite Component of UMTS/IMT-2000 – Part 1: Physical channels and mapping of transport channels into physical channels – Sub-part 3: G-family enhancements (S-UMTS-G enhanced 25.211)
- ETSI TS 101 851-2-3 V3.2.1:2012
Satellite Earth Stations and Systems (SES) – Satellite Component of UMTS/IMT-2000 – Part 2: Multiplexing and channel coding – Sub-part 3: G-family enhancements (S-UMTS-G enhanced 25.212)
- ETSI TS 101 851-3-3 V3.2.1:2012
Satellite Earth Stations and Systems (SES) – Satellite Component of UMTS/IMT-2000 – Part 3: Spreading and modulation – Sub-part 3: G-family enhancements (S-UMTS-G enhanced 25.213)
- ETSI TS 101 851-4-3 V3.2.1:2012
Satellite Earth Stations and Systems (SES) – Satellite Component of UMTS/IMT-2000 – Part 3: Spreading and modulation – Sub-part 3: G-family enhancements (S-UMTS-G enhanced 25.213)

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija ETSI

- ETSI TS 102 610 V1.3.0:2013
Railways Telecommunications (RT) – Global System for Mobile communications (GSM) – Usage of the User-to-User Information Element for GSM Operation on Railways
- ETSI TS 121 111 V11.0.1:2013
Universal Mobile Telecommunications System (UMTS) – LTE – USIM and IC card requirements (3GPP TS 21.111 version 11.0.1 Release 11)

- ETSI TR 121 905 V11.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 11.3.0 Release 11)
- ETSI TS 122 041 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Operator Determined Barring (ODB) (3GPP TS 22.041 version 11.1.0 Release 11)
- ETSI TS 122 101 V10.10.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 10.10.0 Release 10)
- ETSI TS 122 101 V11.8.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 11.8.0 Release 11)
- ETSI TS 122 168 V8.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Earthquake and Tsunami Warning System (ETWS) requirements – Stage 1 (3GPP TS 22.168 version 8.3.0 Release 8)
- ETSI TS 122 228 V8.7.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS) – Stage 1 (3GPP TS 22.228 version 8.7.0 Release 8)
- ETSI TS 122 228 V9.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS) – Stage 1 (3GPP TS 22.228 version 9.4.0 Release 9)
- ETSI TS 122 228 V10.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS) – Stage 1 (3GPP TS 22.228 version 10.5.0 Release 10)
- ETSI TS 122 228 V11.6.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS) – Stage 1 (3GPP TS 22.228 version 11.6.0 Release 11)
- ETSI TS 122 268 V9.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Public Warning System (PWS) requirements (3GPP TS 22.268 version 9.5.0 Release 9)
- ETSI TS 122 268 V10.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Public Warning System (PWS) requirements (3GPP TS 22.268 version 10.4.0 Release 10)
- ETSI TS 122 268 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Public Warning System (PWS) requirements (3GPP TS 22.268 version 11.5.0 Release 11)
- ETSI TS 123 002 V10.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Network architecture (3GPP TS 23.002 version 10.5.0 Release 10)
- ETSI TS 123 002 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Network architecture (3GPP TS 23.002 version 11.5.0 Release 11)
- ETSI TS 123 003 V8.17.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 8.17.0 Release 8)
- ETSI TS 123 003 V9.11.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 9.11.0 Release 9)
- ETSI TS 123 003 V10.6.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 10.6.0 Release 10)
- ETSI TS 123 003 V11.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 11.4.0 Release 11)
- ETSI TS 123 007 V11.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Restoration procedures (3GPP TS 23.007 version 11.4.0 Release 11)
- ETSI TS 123 008 V8.12.0 :2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Organization of subscriber data (3GPP TS 23.008 version 8.12.0 Release 8)
- ETSI TS 123 008 V9.6.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Organization of subscriber data (3GPP TS 23.008 version 9.6.0 Release 9)
- ETSI TS 123 008 V10.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Organization of subscriber data (3GPP TS 23.008 version 10.5.0 Release 10)
- ETSI TS 123 008 V11.6.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Organization of subscriber data (3GPP TS 23.008 version 11.6.0 Release 11)
- ETSI TS 123 009 V8.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Handover procedures (3GPP TS 23.009 version 8.3.0 Release 8)
- ETSI TS 123 009 V9.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Handover procedures (3GPP TS 23.009 version 9.4.0 Release 9)
- ETSI TS 123 009 V10.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Handover procedures (3GPP TS 23.009 version 10.2.0 Release 10)
- ETSI TS 123 009 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Handover procedures (3GPP TS 23.009 version 11.2.0 Release 11)
- ETSI TS 123 012 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location management procedures (3GPP TS 23.012 version 11.2.0 Release 11)

- ETSI TS 123 015 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Operator Determined Barring (ODB) (3GPP TS 23.015 version 11.1.0 Release 11)
- ETSI TS 123 040 V11.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of the Short Message Service (SMS) (3GPP TS 23.040 version 11.4.0 Release 11)
- ETSI TS 123 041 V8.11.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 8.11.0 Release 8)
- ETSI TS 123 041 V9.11.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 9.11.0 Release 9)
- ETSI TS 123 041 V10.6.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 10.6.0 Release 10)
- ETSI TS 123 041 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 11.5.0 Release 11)
- ETSI TS 123 060 V8.16.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2 (3GPP TS 23.060 version 8.16.0 Release 8)
- ETSI TS 123 060 V9.13.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2 (3GPP TS 23.060 version 9.13.0 Release 9)
- ETSI TS 123 060 V10.10.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2 (3GPP TS 23.060 version 10.10.0 Release 10)
- ETSI TS 123 060 V11.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2 (3GPP TS 23.060 version 11.4.0 Release 11)
- ETSI TS 123 122 V11.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 11.4.0 Release 11)
- ETSI TS 123 139 V11.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system – fixed broadband access network interworking – Stage 2 (3GPP TS 23.139 version 11.3.0 Release 11)
- ETSI TS 123 167 V9.10.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 9.10.0 Release 9)
- ETSI TS 123 167 V10.7.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 10.7.0 Release 10)
- ETSI TS 123 167 V11.6.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 11.6.0 Release 11)
- ETSI TS 123 203 V11.8.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 11.8.0 Release 11)
- ETSI TS 123 204 V11.3.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access – Stage 2 (3GPP TS 23.204 version 11.3.0 Release 11)
- ETSI TS 123 216 V10.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 10.5.0 Release 10)
- ETSI TS 123 216 V11.7.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 11.7.0 Release 11)
- ETSI TS 123 218 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) session handling – IM call model – Stage 2 (3GPP TS 23.218 version 11.5.0 Release 11)
- ETSI TS 123 221 V8.9.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 8.9.0 Release 8)
- ETSI TS 123 221 V9.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 9.5.0 Release 9)
- ETSI TS 123 221 V10.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 10.2.0 Release 10)
- ETSI TS 123 221 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 11.1.0 Release 11)
- ETSI TS 123 228 V11.7.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Stage 2 (3GPP TS 23.228 version 11.7.0 Release 11)
- ETSI TS 123 237 V9.10.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 9.10.0 Release 9)

- ETSI TS 123 237 V10.10.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 10.10.0 Release 10)
- ETSI TS 123 237 V11.6.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 11.6.0 Release 11)
- ETSI TS 123 251 V8.4.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 8.4.0 Release 8)
- ETSI TS 123 251 V9.5.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 9.5.0 Release 9)
- ETSI TS 123 251 V10.5.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 10.5.0 Release 10)
- ETSI TS 123 251 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 11.4.0 Release 11)
- ETSI TS 123 271 V9.7.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 9.7.0 Release 9)
- ETSI TS 123 271 V10.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 10.3.0 Release 10)
- ETSI TS 123 271 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 11.1.0 Release 11)
- ETSI TS 123 272 V9.13.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 9.13.0 Release 9)
- ETSI TS 123 272 V10.9.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 10.9.0 Release 10)
- ETSI TS 123 272 V11.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 11.3.0 Release 11)
- ETSI TS 123 284 V10.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Local Call Local Switch (LCLS) – Stage 2 (3GPP TS 23.284 version 10.5.0 Release 10)
- ETSI TS 123 284 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Local Call Local Switch (LCLS) – Stage 2 (3GPP TS 23.284 version 11.1.0 Release 11)
- ETSI TS 123 333 V10.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 10.5.0 Release 10)
- ETSI TS 123 334 V10.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 10.5.0 Release 10)
- ETSI TS 123 334 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 11.2.0 Release 11)
- ETSI TS 123 380 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 11.1.0 Release 11)
- ETSI TS 123 401 V8.17.0:2013
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 8.17.0 Release 8)
- ETSI TS 123 401 V9.14.0:2013
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 9.14.0 Release 9)
- ETSI TS 123 401 V10.9.0:2013
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 10.9.0 Release 10)
- ETSI TS 123 401 V11.4.0:2013
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 11.4.0 Release 11)
- ETSI TS 123 682 V11.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements to facilitate communications with packet data networks and applications (3GPP TS 23.682 version 11.3.0 Release 11)
- ETSI TS 124 008 V10.9.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 10.9.0 Release 10)
- ETSI TS 124 008 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 11.5.0 Release 11)

- ETSI TS 124 109 V11.2.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Bootstrapping interface (Ub) and network
application function interface (Ua) – Protocol details
(3GPP TS 24.109 version 11.2.0 Release 11)
- ETSI TS 124 139 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – 3GPP system – fixed broadband access
network interworking – Stage 3 (3GPP TS 24.139
version 11.1.0 Release 11)
- ETSI TS 124 167 V11.0.1:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – 3GPP IMS Management Object (MO) – Stage
3 (3GPP TS 24.167 version 11.0.1 Release 11)
- ETSI TS 124 173 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IMS Multimedia telephony communication
service and supplementary services – Stage 3
(3GPP TS 24.173 version 11.4.0 Release 11)
- ETSI TS 124 216 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Communication Continuity Management
Object (MO) (3GPP TS 24.216 version 11.1.0
Release 11)
- ETSI TS 124 229 V7.30.0 :2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP multimedia call control protocol
based on Session Initiation Protocol (SIP) and Session
Description Protocol (SDP) – Stage 3 (3GPP TS 24.229
version 7.30.0 Release 7)
- ETSI TS 124 229 V8.22.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP multimedia call control protocol
based on Session Initiation Protocol (SIP) and Session
Description Protocol (SDP) – Stage 3 (3GPP TS 24.229
version 8.22.0 Release 8)
- ETSI TS 124 229 V10.10.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP multimedia call control protocol
based on Session Initiation Protocol (SIP) and Session
Description Protocol (SDP) – Stage 3 (3GPP TS 24.229
version 10.10.0 Release 10)
- ETSI TS 124 229 V11.6.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP multimedia call control protocol
based on Session Initiation Protocol (SIP) and Session
Description Protocol (SDP) – Stage 3 (3GPP TS 24.229
version 11.6.0 Release 11)
- ETSI TS 124 237 V8.12.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service
continuity – Stage 3 (3GPP TS 24.237 version 8.12.0
Release 8)
- ETSI TS 124 237 V9.13.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service
continuity – Stage 3 (3GPP TS 24.237 version 9.13.0
Release 9)
- ETSI TS 124 237 V10.9.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service
continuity – Stage 3 (3GPP TS 24.237 version 10.9.0
Release 10)
- ETSI TS 124 237 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service
continuity – Stage 3 (3GPP TS 24.237 version 11.5.0
Release 11)
- ETSI TS 124 238 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Session Initiation Protocol (SIP) based user
configuration – Stage 3 (3GPP TS 24.238
version 11.1.0 Release 11)
- ETSI TS 124 247 V8.11.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Messaging service using the IP
Multimedia (IM) Core Network (CN) subsystem –
Stage 3 (3GPP TS 24.247 version 8.11.0 Release 8)
- ETSI TS 124 247 V9.8.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Messaging service using the IP
Multimedia (IM) Core Network (CN) subsystem –
Stage 3 (3GPP TS 24.247 version 9.8.0 Release 9)
- ETSI TS 124 247 V10.5.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Messaging service using the IP
Multimedia (IM) Core Network (CN) subsystem –
Stage 3 (3GPP TS 24.247 version 10.5.0 Release 10)
- ETSI TS 124 247 V11.2.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Messaging service using the IP
Multimedia (IM) Core Network (CN) subsystem –
Stage 3 (3GPP TS 24.247 version 11.2.0 Release 11)
- ETSI TS 124 259 V9.7.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Personal Network Management
(PNM) – Stage 3 (3GPP TS 24.259 version 9.7.0
Release 9)
- ETSI TS 124 259 V10.4.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Personal Network Management
(PNM) – Stage 3 (3GPP TS 24.259 version 10.4.0
Release 10)
- ETSI TS 124 259 V11.1.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Personal Network Management
(PNM) – Stage 3 (3GPP TS 24.259 version 11.1.0
Release 11)
- ETSI TS 124 292 V8.15.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem Centralized Services (ICS) –
Stage 3 (3GPP TS 24.292 version 8.15.0 Release 8)
- ETSI TS 124 292 V9.13.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem Centralized Services (ICS) –
Stage 3 (3GPP TS 24.292 version 9.13.0 Release 9)
- ETSI TS 124 292 V10.9.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem Centralized Services (ICS) –
Stage 3 (3GPP TS 24.292 version 10.9.0 Release 10)
- ETSI TS 124 292 V11.3.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN)
subsystem Centralized Services (ICS) –
Stage 3 (3GPP TS 24.292 version 11.3.0 Release 11)

- ETSI TS 124 301 V10.9.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 10.9.0 Release 10)
- ETSI TS 124 301 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 11.5.0 Release 11)
- ETSI TS 124 302 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks – Stage 3 (3GPP TS 24.302 version 11.5.0 Release 11)
- ETSI TS 124 312 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 11.5.0 Release 11)
- ETSI TS 124 315 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IMS Operator Determined Barring (3GPP TS 24.315 version 11.0.0 Release 11)
- ETSI TS 124 337 V10.6.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer – Stage 3 (3GPP TS 24.337 version 10.6.0 Release 10)
- ETSI TS 124 337 V11.3.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer – Stage 3 (3GPP TS 24.337 version 11.3.0 Release 11)
- ETSI TS 124 341 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 11.2.0 Release 11)
- ETSI TS 124 390 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS – Stage 3 (3GPP TS 24.390 version 11.1.0 Release 11)
- ETSI TS 124 410 V8.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPAN – NGN Signalling Control Protocol – Communication HOLD (HOLD) PSTN/ISDN simulation services; Protocol specification (3GPP TS 24.410 version 8.1.0 Release 8)
- ETSI TS 124 503 V8.14.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPAN – IP Multimedia Call Control Protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) Stage 3 [3GPP TS 24.229 (Release 7), modified] (3GPP TS 24.503 version 8.14.0 Release 8)
- ETSI TS 124 505 V8.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPAN – PSTN/ISDN simulation services: Conference (CONF) – Protocol specification (3GPP TS 24.505 version 8.1.0 Release 8)
- ETSI TS 124 528 V8.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS)
– LTE – TISPAN – Common Basic Communication procedures – Protocol specification (3GPP TS 24.528 version 8.3.0 Release 8)
- ETSI TS 124 529 V8.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPAN – PSTN/ISDN simulation services: Explicit Communication Transfer (ECT) – Protocol specification (3GPP TS 24.529 version 8.2.0 Release 8)
- ETSI TS 124 604 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.604 version 11.5.0 Release 11)
- ETSI TS 124 605 V8.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.605 version 8.4.0 Release 8)
- ETSI TS 124 605 V9.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.605 version 9.2.0 Release 9)
- ETSI TS 124 605 V10.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.605 version 10.1.0 Release 10)
- ETSI TS 124 605 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.605 version 11.1.0 Release 11)
- ETSI TS 124 607 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.607 version 11.2.0 Release 11)
- ETSI TS 124 610 V8.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.610 version 8.5.0 Release 8)
- ETSI TS 124 610 V9.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.610 version 9.2.0 Release 9)
- ETSI TS 124 610 V10.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.610 version 10.1.0 Release 10)

- ETSI TS 124 610 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.610 version 11.2.0 Release 11)
- ETSI TS 124 616 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.616 version 11.1.0 Release 11)
- ETSI TS 124 623 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (3GPP TS 24.623 version 11.1.0 Release 11)
- ETSI TS 124 628 V8.6.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.628 version 8.6.0 Release 8)
- ETSI TS 124 628 V9.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.628 version 9.5.0 Release 9)
- ETSI TS 124 628 V10.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.628 version 10.4.0 Release 10)
- ETSI TS 124 628 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.628 version 11.1.0 Release 11)
- ETSI TS 124 629 V8.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.629 version 8.4.0 Release 8)
- ETSI TS 124 629 V9.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.629 version 9.1.0 Release 9)
- ETSI TS 124 629 V10.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.629 version 10.1.0 Release 10)
- ETSI TS 124 629 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.629 version 11.1.0 Release 11)
- ETSI TS 124 642 V11.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.642 version 11.3.0 Release 11)
- ETSI TS 125 201 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – Physical layer – general description (3GPP TS 25.201 version 11.1.0 Release 11)
- ETSI TS 125 211 V11.2.0:2013
Universal Mobile Telecommunications System (UMTS) – Physical channels and mapping of transport channels onto physical channels (FDD) (3GPP TS 25.211 version 11.2.0 Release 11)
- ETSI TS 125 212 V10.4.0:2013
Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 10.4.0 Release 10)
- ETSI TS 125 212 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 11.4.0 Release 11)
- ETSI TS 125 213 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS) – Spreading and modulation (FDD) (3GPP TS 25.213 version 11.4.0 Release 11)
- ETSI TS 125 214 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (FDD) (3GPP TS 25.214 version 11.4.0 Release 11)
- ETSI TS 125 224 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (TDD) (3GPP TS 25.224 version 11.1.0 Release 11)
- ETSI TS 125 302 V11.2.0:2013
Universal Mobile Telecommunications System (UMTS) – Services provided by the physical layer (3GPP TS 25.302 version 11.2.0 Release 11)
- ETSI TS 125 304 V10.7.0:2013
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode (3GPP TS 25.304 version 10.7.0 Release 10)
- ETSI TS 125 304 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode (3GPP TS 25.304 version 11.1.0 Release 11)
- ETSI TS 125 306 V9.10.0:2013
Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities (3GPP TS 25.306 version 9.10.0 Release 9)
- ETSI TS 125 306 V10.9.0:2013
Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities (3GPP TS 25.306 version 10.9.0 Release 10)
- ETSI TS 125 306 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities (3GPP TS 25.306 version 11.4.0 Release 11)

- ETSI TS 125 307 V4.20.0:2013
Universal Mobile Telecommunications System (UMTS)
– Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 4.20.0 Release 4)
- ETSI TS 125 307 V5.19.0:2013
Universal Mobile Telecommunications System (UMTS)
– Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 5.19.0 Release 5)
- ETSI TS 125 307 V6.16.0:2013
Universal Mobile Telecommunications System (UMTS)
– Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 6.16.0 Release 6)
- ETSI TS 125 307 V7.12.0:2013
Universal Mobile Telecommunications System (UMTS)
– Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 7.12.0 Release 7)
- ETSI TS 125 307 V8.10.0:2013
Universal Mobile Telecommunications System (UMTS)
– Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 8.10.0 Release 8)
- ETSI TS 125 307 V9.6.0:2013
Universal Mobile Telecommunications System (UMTS)
– Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 9.6.0 Release 9)
- ETSI TS 125 307 V10.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 10.4.0 Release 10)
- ETSI TS 125 307 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 11.1.0 Release 11)
- ETSI TS 125 308 V11.3.0:2013
Universal Mobile Telecommunications System (UMTS)
– High Speed Downlink Packet Access (HSDPA) – Overall description – Stage 2 (3GPP TS 25.308 version 11.3.0 Release 11)
- ETSI TS 125 319 V11.6.0:2013
Universal Mobile Telecommunications System (UMTS)
– Enhanced uplink – Overall description – Stage 2 (3GPP TS 25.319 version 11.6.0 Release 11)
- ETSI TS 125 321 V8.17.0:2013
Universal Mobile Telecommunications System (UMTS)
– Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 8.17.0 Release 8)
- ETSI TS 125 321 V9.10.0:2013
Universal Mobile Telecommunications System (UMTS)
– Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 9.10.0 Release 9)
- ETSI TS 125 321 V10.8.0:2013
Universal Mobile Telecommunications System (UMTS)
– Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 10.8.0 Release 10)
- ETSI TS 125 321 V11.3.0:2013
Universal Mobile Telecommunications System (UMTS)
– Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 11.3.0 Release 11)
- ETSI TS 125 322 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– Radio Link Control (RLC) protocol specification (3GPP TS 25.322 version 11.1.0 Release 11)
- ETSI TS 125 401 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– UTRAN overall description (3GPP TS 25.401 version 11.1.0 Release 11)
- ETSI TS 125 413 V10.8.0:2013
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling (3GPP TS 25.413 version 10.8.0 Release 10)
- ETSI TS 125 413 V11.2.0:2013
Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling (3GPP TS 25.413 version 11.2.0 Release 11)
- ETSI TS 125 423 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 11.4.0 Release 11)
- ETSI TS 125 425 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.425 version 11.1.0 Release 11)
- ETSI TS 125 435 V10.5.0:2013
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.435 version 10.5.0 Release 10)
- ETSI TS 125 435 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iub interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.435 version 11.1.0 Release 11)
- ETSI TS 125 461 V11.2.0:2013
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iuant interface: Layer 1 (3GPP TS 25.461 version 11.2.0 Release 11)
- ETSI TS 125 466 V11.3.0:2013
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iuant interface: Application part (3GPP TS 25.466 version 11.3.0 Release 11)
- ETSI TS 125 467 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– UTRAN architecture for 3G Home Node B (HNB) – Stage 2 (3GPP TS 25.467 version 11.1.0 Release 11)
- ETSI TS 125 468 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iuh Interface RANAP User Adaption (RUA) signalling (3GPP TS 25.468 version 11.1.0 Release 11)
- ETSI TS 125 469 V10.3.0:2013
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh interface Home Node B (HNB) Application Part (HNBAP) signalling (3GPP TS 25.469 version 10.3.0 Release 10)
- ETSI TS 125 469 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh interface Home Node B (HNB) Application Part (HNBAP) signalling (3GPP TS 25.469 version 11.1.0 Release 11)
- ETSI TS 125 471 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– UTRAN Iurh interface Radio Network Subsystem Application Part (RNSAP) User Adaption (RNA) signalling (3GPP TS 25.471 version 11.1.0 Release 11)
- ETSI TR 125 906 V11.0.1:2013
Universal Mobile Telecommunications System (UMTS) – Dynamically reconfiguring a Frequency Division Duplex (FDD) User Equipment (UE) receiver to reduce power consumption when desired Quality of Service (QoS) is met (3GPP TR 25.906 version 11.0.1 Release 11)

- ETSI TS 126 131 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Terminal acoustic characteristics for telephony – Requirements (3GPP TS 26.131 version 11.1.0 Release 11)
- ETSI TS 126 132 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 11.1.0 Release 11)
- ETSI TS 126 237 V9.9.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service – Protocols (3GPP TS 26.237 version 9.9.0 Release 9)
- ETSI TS 126 237 V10.6.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service – Protocols (3GPP TS 26.237 version 10.6.0 Release 10)
- ETSI TS 126 247 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 11.1.0 Release 11)
- ETSI TS 126 346 V9.9.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 9.9.0 Release 9)
- ETSI TS 126 346 V10.6.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 10.6.0 Release 10)
- ETSI TS 126 346 V11.3.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 11.3.0 Release 11)
- ETSI TR 126 946 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) user service guidelines (3GPP TR 26.946 version 11.1.0 Release 11)
- ETSI TS 127 007 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – AT command set for User Equipment (UE) (3GPP TS 27.007 version 11.5.0 Release 11)
- ETSI TS 128 621 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 11.0.0 Release 11)
- ETSI TS 128 622 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 11.0.0 Release 11)
- ETSI TS 128 623 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 11.0.0 Release 11)
- ETSI TS 128 624 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State Management Data Definition Integration Reference Point (IRP) – Requirements (3GPP TS 28.624 version 11.0.0 Release 11)
- ETSI TS 128 625 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State Management Data Definition Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.625 version 11.0.0 Release 11)
- ETSI TS 128 626 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State Management Data Definition Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.626 version 11.0.0 Release 11)
- ETSI TS 128 627 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.627 version 11.0.0 Release 11)
- ETSI TS 128 628 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.628 version 11.0.0 Release 11)
- ETSI TS 128 629 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.629 version 11.0.0 Release 11)
- ETSI TS 128 631 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.631 version 11.0.0 Release 11)
- ETSI TS 128 632 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.632 version 11.0.0 Release 11)
- ETSI TS 128 633 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.633 version 11.0.0 Release 11)
- ETSI TS 128 651 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.651 version 11.0.0 Release 11)
- ETSI TS 128 652 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.652 version 11.0.0 Release 11)

- ETSI TS 128 653 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Universal
Terrestrial Radio Access Network (UTRAN) Network
Resource Model (NRM) Integration Reference Point
(IRP) – Solution Set (SS) definitions (3GPP TS 28.653
version 11.0.0 Release 11)
- ETSI TS 128 659 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Evolved
Universal Terrestrial Radio Access Network (E-UTRAN)
Network Resource Model (NRM) Integration Reference
Point (IRP) – Solution Set (SS) definitions
(3GPP TS 28.659 version 11.0.0 Release 11)
- ETSI TS 128 661 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Generic
Radio Access Network (RAN) Network Resource
Model (NRM) Integration Reference Point (IRP)
– Requirements (3GPP TS 28.661 version 11.0.0
Release 11)
- ETSI TS 128 662 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Generic
Radio Access Network (RAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Information Service (IS) (3GPP TS 28.662
version 11.0.0 Release 11)
- ETSI TS 128 663 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Generic
Radio Access Network (RAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Solution Set (SS) definitions (3GPP TS 28.663
version 11.0.0 Release 11)
- ETSI TS 128 671 V11.0.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management
– Home Node B (HNB) Subsystem (HNS) Network
Resource Model (NRM) Integration Reference Point
(IRP) – Requirements (3GPP TS 28.671 version 11.0.0
Release 11)
- ETSI TS 128 672 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Home
Node B (HNB) Subsystem (HNS) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Information Service (IS) (3GPP TS 28.672
version 11.0.0 Release 11)
- ETSI TS 128 673 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Home
Node B (HNB) Subsystem (HNS) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Solution Set (SS) definitions (3GPP TS 28.673
version 11.0.0 Release 11)
- ETSI TS 128 674 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Home
enhanced Node B (HeNB) Subsystem (HeNS) Network
Resource Model (NRM) Integration Reference Point
(IRP) – Requirements (3GPP TS 28.674 version 11.0.0
Release 11)
- ETSI TS 128 675 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Home
enhanced Node B (HeNB) Subsystem (HeNS) Network
Resource Model (NRM) Integration Reference Point
(IRP) – Information Service (IS) (3GPP TS 28.675
version 11.0.0 Release 11)
- ETSI TS 128 704 V11.0.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management –
IP Multimedia Subsystem (IMS) Network Resource
Model (NRM) Integration Reference Point (IRP)
– Requirements (3GPP TS 28.704 version 11.0.0
Release 11)
- ETSI TS 128 705 V11.0.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management – IP
Multimedia Subsystem (IMS) Network Resource
Model (NRM) Integration Reference Point (IRP) – Information
Service (IS) (3GPP TS 28.705
version 11.0.0 Release 11)
- ETSI TS 128 706 V11.0.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management – IP
Multimedia Subsystem (IMS) Network Resource
Model (NRM) Integration Reference Point (IRP) – Solution
Set (SS) definitions (3GPP TS 28.706 version 11.0.0
Release 11)
- ETSI TS 128 707 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Evolved
Packet Core (EPC) Network Resource Model (NRM)
Integration Reference Point (IRP) – Requirements
(3GPP TS 28.707 version 11.0.0 Release 11)
- ETSI TS 128 708 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Evolved
Packet Core (EPC) Network Resource Model (NRM)
Integration Reference Point (IRP) – Information Service
(IS) (3GPP TS 28.708 version 11.0.0 Release 11)
- ETSI TS 128 709 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Evolved
Packet Core (EPC) Network Resource Model (NRM)
Integration Reference Point (IRP) – Solution Set (SS)
definitions (3GPP TS 28.709 version 11.0.0
Release 11)
- ETSI TS 128 731 V11.0.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management –
Transport Network (TN) interface Network Resource
Model (NRM) Integration Reference Point (IRP)
– Requirements (3GPP TS 28.731 version 11.0.0
Release 11)
- ETSI TS 128 732 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Transport
Network (TN) interface Network Resource Model
(NRM) Integration Reference Point (IRP) – Information
Service (IS) (3GPP TS 28.732 version 11.0.0
Release 11)
- ETSI TS 128 733 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Telecommunication management – Transport
Network (TN) interface Network Resource Model
(NRM) Integration Reference Point (IRP) – Solution
Set (SS) definitions (3GPP TS 28.733 version 11.0.0
Release 11)
- ETSI TS 128 734 V11.0.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management –
Signalling Transport Network (STN) interface Network
Resource Model (NRM) Integration Reference Point
(IRP) – Requirements (3GPP TS 28.734 version 11.0.0
Release 11)
- ETSI TS 129 002 V8.18.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – Mobile Application Part (MAP) specification
(3GPP TS 29.002 version 8.18.0 Release 8)

- ETSI TS 129 002 V9.9.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 9.9.0 Release 9)
- ETSI TS 129 002 V10.7.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 10.7.0 Release 10)
- ETSI TS 129 002 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 11.5.0 Release 11)
- ETSI TS 129 018 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface layer 3 specification (3GPP TS 29.018 version 11.5.0 Release 11)
- ETSI TS 129 060 V10.7.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 10.7.0 Release 10)
- ETSI TS 129 060 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 11.5.0 Release 11)
- ETSI TS 129 061 V8.11.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 8.11.0 Release 8)
- ETSI TS 129 061 V9.11.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 9.11.0 Release 9)
- ETSI TS 129 061 V10.8.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 10.8.0 Release 10)
- ETSI TS 129 061 V11.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 11.3.0 Release 11)
- ETSI TS 129 078 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase X – CAMEL Application Part (CAP) specification (3GPP TS 29.078 version 11.2.0 Release 11)
- ETSI TS 129 079 V10.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 10.4.0 Release 10)
- ETSI TS 129 079 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 11.2.0 Release 11)
- ETSI TS 129 109 V8.5.1:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Zh and Zn Interfaces based on the Diameter protocol – Stage 3 (3GPP TS 29.109 version 8.5.1 Release 8)
- ETSI TS 129 109 V9.3.1:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Zh and Zn Interfaces based on the Diameter protocol – Stage 3 (3GPP TS 29.109 version 9.3.1 Release 9)
- ETSI TS 129 109 V10.1.1:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Zh and Zn Interfaces based on the Diameter protocol – Stage 3 (3GPP TS 29.109 version 10.1.1 Release 10)
- ETSI TS 129 109 V11.2.1:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Zh and Zn Interfaces based on the Diameter protocol – Stage 3 (3GPP TS 29.109 version 11.2.1 Release 11)
- ETSI TS 129 118 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 11.5.0 Release 11)
- ETSI TS 129 139 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System – Fixed Broadband Access Network Interworking – Home (e)Node B – Security Gateway Interface – Stage 3 (3GPP TS 29.139 version 11.1.0 Release 11)
- ETSI TS 129 162 V10.7.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 10.7.0 Release 10)
- ETSI TS 129 162 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 11.1.0 Release 11)
- ETSI TS 129 163 V9.12.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 9.12.0 Release 9)

- ETSI TS 129 163 V10.8.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 10.8.0 Release 10)
- ETSI TS 129 163 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 11.5.0 Release 11)
- ETSI TS 129 165 V9.13.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 9.13.0 Release 9)
- ETSI TS 129 165 V10.10.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 10.10.0 Release 10)
- ETSI TS 129 165 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 11.5.0 Release 11)
- ETSI TS 129 171 V10.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 10.4.0 Release 10)
- ETSI TS 129 171 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 11.2.0 Release 11)
- ETSI TS 129 173 V9.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Diameter-based SLh interface for Control Plane LCS (3GPP TS 29.173 version 9.4.0 Release 9)
- ETSI TS 129 173 V10.4.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Diameter-based SLh interface for Control Plane LCS (3GPP TS 29.173 version 10.4.0 Release 10)
- ETSI TS 129 173 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Diameter-based SLh interface for Control Plane LCS (3GPP TS 29.173 version 11.1.0 Release 11)
- ETSI TS 129 212 V7.15.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 7.15.0 Release 7)
- ETSI TS 129 212 V8.17.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 8.17.0 Release 8)
- ETSI TS 129 212 V9.12.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 9.12.0 Release 9)
- ETSI TS 129 212 V10.9.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 10.9.0 Release 10)
- ETSI TS 129 213 V9.10.1:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 9.10.1 Release 9)
- ETSI TS 129 213 V10.8.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 10.8.0 Release 10)
- ETSI TS 129 213 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 11.5.0 Release 11)
- ETSI TS 129 214 V8.14.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 8.14.0 Release 8)
- ETSI TS 129 214 V9.11.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 9.11.0 Release 9)
- ETSI TS 129 214 V10.8.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 10.8.0 Release 10)
- ETSI TS 129 214 V11.7.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 11.7.0 Release 11)
- ETSI TS 129 215 V11.7.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 11.7.0 Release 11)
- ETSI TS 129 219 V11.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control: Spending limit reporting over Sy reference point (3GPP TS 29.219 version 11.3.0 Release 11)
- ETSI TS 129 228 V11.6.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Cx and Dx Interfaces – Signalling flows and message contents (3GPP TS 29.228 version 11.6.0 Release 11)
- ETSI TS 129 229 V11.2.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 11.2.0 Release 11)

- ETSI TS 129 230 V8.15.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 8.15.0 Release 8)
- ETSI TS 129 230 V9.13.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 9.13.0 Release 9)
- ETSI TS 129 230 V10.9.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 10.9.0 Release 10)
- ETSI TS 129 230 V10.9.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 10.9.0 Release 10)
- ETSI TS 129 230 V11.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 11.5.0 Release 11)
- ETSI TS 129 232 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Media Gateway Controller (MGC) – Media Gateway (MGW) interface – Stage 3 (3GPP TS 29.232 version 11.1.0 Release 11)
- ETSI TS 129 234 V6.17.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – Stage 3 (3GPP TS 29.234 version 6.17.0 Release 6)
- ETSI TS 129 234 V7.14.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – Stage 3 (3GPP TS 29.234 version 7.14.0 Release 7)
- ETSI TS 129 234 V8.5.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – Stage 3 (3GPP TS 29.234 version 8.5.0 Release 8)
- ETSI TS 129 234 V9.3.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – Stage 3 (3GPP TS 29.234 version 9.3.0 Release 9)
- ETSI TS 129 234 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – Stage 3 (3GPP TS 29.234 version 11.1.0 Release 11)
- ETSI TS 129 235 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 11.1.0 Release 11)
- ETSI TS 129 238 V10.5.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 10.5.0 Release 10)
- ETSI TS 129 238 V11.1.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 11.1.0 Release 11)
- ETSI TS 129 272 V8.12.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 8.12.0 Release 8)
- ETSI TS 129 272 V9.11.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 9.11.0 Release 9)
- ETSI TS 129 272 V10.7.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 10.7.0 Release 10)
- ETSI TS 129 272 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 11.5.0 Release 11)
- ETSI TS 129 273 V8.12.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 8.12.0 Release 8)
- ETSI TS 129 273 V9.11.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 9.11.0 Release 9)
- ETSI TS 129 273 V10.8.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 10.8.0 Release 10)
- ETSI TS 129 273 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 11.4.0 Release 11)
- ETSI TS 129 274 V9.11.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 9.11.0 Release 9)
- ETSI TS 129 274 V10.9.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 10.9.0 Release 10)
- ETSI TS 129 274 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 11.5.0 Release 11)

- ETSI TS 129 275 V10.6.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Proxy Mobile IPv6 (PMIPv6) based Mobility
and Tunnelling protocols – Stage 3 (3GPP TS 29.275
version 10.6.0 Release 10)
- ETSI TS 129 275 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Proxy Mobile IPv6 (PMIPv6) based Mobility
and Tunnelling protocols – Stage 3 (3GPP TS 29.275
version 11.5.0 Release 11)
- ETSI TS 129 277 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Optimised handover procedures and protocol
between EUTRAN access and non-3GPP accesses
(S102) – Stage 3 (3GPP TS 29.277 version 11.1.0
Release 11)
- ETSI TS 129 281 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – General Packet Radio System (GPRS)
Tunnelling Protocol User Plane (GTPv1-U)
(3GPP TS 29.281 version 11.5.0 Release 11)
- ETSI TS 129 282 V10.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile IPv6 vendor specific option format and
usage within 3GPP (3GPP TS 29.282 version 10.4.0
Release 10)
- ETSI TS 129 282 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Mobile IPv6 vendor specific option format and
usage within 3GPP (3GPP TS 29.282 version 11.1.0
Release 11)
- ETSI TS 129 292 V10.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Interworking between the IP Multimedia (IM)
Core Network (CN) subsystem (IMS) and MSC Server
for IMS Centralized Services (ICS) (3GPP TS 29.292
version 10.4.0 Release 10)
- ETSI TS 129 292 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Interworking between the IP Multimedia (IM)
Core Network (CN) subsystem (IMS) and MSC Server
for IMS Centralized Services (ICS) (3GPP TS 29.292
version 11.4.0 Release 11)
- ETSI TS 129 305 V8.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – InterWorking Function (IWF) between MAP
based and Diameter based interfaces
(3GPP TS 29.305 version 8.4.0 Release 8)
- ETSI TS 129 305 V9.2.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – InterWorking Function (IWF) between MAP
based and Diameter based interfaces
(3GPP TS 29.305 version 9.2.0 Release 9)
- ETSI TS 129 305 V10.3.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – InterWorking Function (IWF) between MAP
based and Diameter based interfaces
(3GPP TS 29.305 version 10.3.0 Release 10)
- ETSI TS 129 305 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – InterWorking Function (IWF) between MAP
based and Diameter based interfaces
(3GPP TS 29.305 version 11.4.0 Release 11)
- ETSI TS 129 328 V9.11.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Subsystem Sh
interface – Signalling flows and message contents
(3GPP TS 29.328 version 9.11.0 Release 9)
- ETSI TS 129 328 V10.8.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia (IM) Subsystem Sh
interface – Signalling flows and message contents
(3GPP TS 29.328 version 10.8.0 Release 10)
- ETSI TS 129 329 V11.5.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Sh interface based on the Diameter
protocol – Protocol details (3GPP TS 29.329
version 11.5.0 Release 11)
- ETSI TS 129 332 V10.6.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – Media Gateway Control Function (MGCF)
– IM Media Gateway – Mn interface (3GPP TS 29.332
version 10.6.0 Release 10)
- ETSI TS 129 332 V11.1.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – Media Gateway Control Function (MGCF)
– IM Media Gateway – Mn interface (3GPP TS 29.332
version 11.1.0 Release 11)
- ETSI TS 129 333 V10.5.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – Multimedia Resource Function Controller
(MRFC) – Multimedia Resource Function Processor
(MRFP) Mp interface – Stage 3 (3GPP TS 29.333
version 10.5.0 Release 10)
- ETSI TS 129 333 V11.1.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – Multimedia Resource Function Controller
(MRFC) – Multimedia Resource Function Processor
(MRFP) Mp interface – Stage 3 (3GPP TS 29.333
version 11.1.0 Release 11)
- ETSI TS 129 334 V10.5.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IMS Application Level Gateway (IMS-
ALG) – IMS Access Gateway (IMS-AGW) – Iq Interface
– Stage 3 (3GPP TS 29.334 version 10.5.0 Release 10)
- ETSI TS 129 334 V11.1.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IMS Application Level Gateway (IMS-
ALG) – IMS Access Gateway (IMS-AGW) – Iq Interface
– Stage 3 (3GPP TS 29.334 version 11.1.0 Release 11)
- ETSI TS 129 335 V10.2.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – User Data Convergence (UDC) – User
data repository access protocol over the Ud interface –
Stage 3 (3GPP TS 29.335 version 10.2.0 Release 10)
- ETSI TS 129 335 V11.1.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – User Data Convergence (UDC) – User
data repository access protocol over the Ud interface –
Stage 3 (3GPP TS 29.335 version 11.1.0 Release 11)
- ETSI TS 129 336 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Home Subscriber Server (HSS) diameter
interfaces for interworking with packet data networks
and applications (3GPP TS 29.336 version 11.1.0
Release 11)
- ETSI TS 129 337 V11.1.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – Diameter-based T4 Interface for
communications with packet data networks and
applications (3GPP TS 29.337 version 11.1.0 Release
11)

- ETSI TS 129 338 V11.0.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Diameter based protocols for support of SMS
capable MMEs. (3GPP TS 29.338 version 11.0.0
Release 11)
- ETSI TS 129 364 V8.5.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia Subsystem (IMS)
Application Server (AS) service data descriptions for
AS interoperability (3GPP TS 29.364 version 8.5.0
Release 8)
- ETSI TS 129 364 V9.2.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia Subsystem (IMS)
Application Server (AS) service data descriptions for
AS interoperability (3GPP TS 29.364 version 9.2.0
Release 9)
- ETSI TS 129 364 V10.2.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia Subsystem (IMS)
Application Server (AS) service data descriptions for
AS interoperability (3GPP TS 29.364 version 10.2.0
Release 10)
- ETSI TS 129 364 V11.1.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – IP Multimedia Subsystem (IMS)
Application Server (AS) service data descriptions for
AS interoperability (3GPP TS 29.364 version 11.1.0
Release 11)
- ETSI TS 129 368 V11.1.0:2013
Universal Mobile Telecommunications System
(UMTS) – LTE – Tsp interface protocol between the
MTC Interworking Function (MTC-IWF) and Service
Capability Server (SCS) (3GPP TS 29.368 version
11.1.0 Release 11)
- ETSI TS 131 102 V6.23.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Characteristics of the Universal Subscriber
Identity Module (USIM) application (3GPP TS 31.102
version 6.23.0 Release 6)
- ETSI TS 131 102 V7.17.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Characteristics of the Universal Subscriber
Identity Module (USIM) application (3GPP TS 31.102
version 7.17.0 Release 7)
- ETSI TS 131 102 V8.16.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Characteristics of the Universal Subscriber
Identity Module (USIM) application (3GPP TS 31.102
version 8.16.0 Release 8)
- ETSI TS 131 102 V9.12.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Characteristics of the Universal Subscriber
Identity Module (USIM) application (3GPP TS 31.102
version 9.12.0 Release 9)
- ETSI TS 131 102 V10.8.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Characteristics of the Universal Subscriber
Identity Module (USIM) application (3GPP TS 31.102
version 10.8.0 Release 10)
- ETSI TS 131 102 V11.4.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – Characteristics of the Universal Subscriber
Identity Module (USIM) application (3GPP TS 31.102
version 11.4.0 Release 11)
- ETSI TS 131 103 V5.14.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Characteristics of the IP Multimedia
Services Identity Module (ISIM) application
(3GPP TS 31.103 version 5.14.0 Release 5)
- ETSI TS 131 103 V6.14.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Characteristics of the IP Multimedia
Services Identity Module (ISIM) application
(3GPP TS 31.103 version 6.14.0 Release 6)
- ETSI TS 131 103 V7.7.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Characteristics of the IP Multimedia
Services Identity Module (ISIM) application
(3GPP TS 31.103 version 7.7.0 Release 7)
- ETSI TS 131 103 V8.5.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Characteristics of the IP Multimedia
Services Identity Module (ISIM) application
(3GPP TS 31.103 version 8.5.0 Release 8)
- ETSI TS 131 103 V9.3.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Characteristics of the IP Multimedia
Services Identity Module (ISIM) application
(3GPP TS 31.103 version 9.3.0 Release 9)
- ETSI TS 131 103 V10.2.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Characteristics of the IP Multimedia
Services Identity Module (ISIM) application (3GPP TS
31.103 version 10.2.0 Release 10)
- ETSI TS 131 103 V11.1.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Characteristics of the IP Multimedia
Services Identity Module (ISIM) application
(3GPP TS 31.103 version 11.1.0 Release 11)
- ETSI TS 131 111 V8.14.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Universal Subscriber Identity Module
(USIM) Application Toolkit (USAT) (3GPP TS 31.111
version 8.14.0 Release 8)
- ETSI TS 131 111 V10.9.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Universal Subscriber Identity Module
(USIM) Application Toolkit (USAT) (3GPP TS 31.111
version 10.9.0 Release 10)
- ETSI TS 131 111 V11.4.0:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Universal Subscriber Identity Module
(USIM) Application Toolkit (USAT) (3GPP TS 31.111
version 11.4.0 Release 11)
- ETSI TS 131 121 V11.1.0:2013
Universal Mobile Telecommunications System (UMTS)
– LTE – UICC-terminal interface – Universal Subscriber
Identity Module (USIM) application test specification
(3GPP TS 31.121 version 11.1.0 Release 11)
- ETSI TS 132 405 V11.1.1:2013
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications System
(UMTS) – LTE – Telecommunication management
– Performance Management (PM) – Performance
measurements; Universal Terrestrial Radio Access
Network (UTRAN) (3GPP TS 32.405 version 11.1.1
Release 11)

- ETSI TS 134 114 V11.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) / Mobile Station (MS) Over The Air (OTA) antenna performance – Conformance testing (3GPP TS 34.114 version 11.3.0 Release 11)
- ETSI TS 134 121-2 V10.5.0:2013
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 34.121-2 version 10.5.0 Release 10)
- ETSI TS 134 123-2 V10.3.0:2013
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 10.3.0 Release 10)
- ETSI TS 134 229-1 V9.11.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 9.11.0 Release 9)
- ETSI TS 134 229-1 V10.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 10.0.0 Release 10)
- ETSI TS 134 229-2 V9.11.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 9.11.0 Release 9)
- ETSI TS 134 229-2 V10.0.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 10.0.0 Release 10)
- ETSI TS 134 229-3 V9.6.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 9.6.0 Release 9)
- ETSI TS 136 101 V9.13.1:2013
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 9.13.1 Release 9)
- ETSI TS 136 401 V11.1.0:2013
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description (3GPP TS 36.401 version 11.1.0 Release 11)
- ETSI TS 136 421 V11.1.0:2013
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 layer 1 (3GPP TS 36.421 version 11.1.0 Release 11)
- ETSI TS 136 423 V11.3.0:2013
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 11.3.0 Release 11)
- ETSI TS 136 440 V11.1.0:2013
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.440 version 11.1.0 Release 11)
- ETSI TS 136 443 V11.1.0:2013
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M2 Application Protocol (M2AP) (3GPP TS 36.443 version 11.1.0 Release 11)
- ETSI TS 136 444 V10.4.0:2013
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M3 Application Protocol (M3AP) (3GPP TS 36.444 version 10.4.0 Release 10)
- ETSI TS 136 444 V11.4.0:2013
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M3 Application Protocol (M3AP) (3GPP TS 36.444 version 11.4.0 Release 11)
- ETSI TS 136 455 V11.1.0:2013
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol A (LPPa) (3GPP TS 36.455 version 11.1.0 Release 11)
- ETSI TS 136 521-2 V10.4.0:2013
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 10.4.0 Release 10)
- ETSI TS 136 523-2 V10.3.0:2013
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 10.3.0 Release 10)
- ETSI TS 136 523-2 V11.1.0:2013
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 11.1.0 Release 11)
- ETSI TR 136 903 V9.6.0:2013
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 9.6.0 Release 9)
- ETSI TS 137 571-1 V9.3.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 9.3.0 Release 9)
- ETSI TS 137 571-1 V10.2.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 10.2.0 Release 10)

- ETSI TS 137 571-2 V9.3.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 2: Protocol conformance (3GPP TS 37.571-2 version 9.3.0 Release 9)
- ETSI TS 137 571-3 V9.2.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 9.2.0 Release 9)
- ETSI TS 137 571-4 V9.1.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 9.1.0 Release 9)
- ETSI TS 137 571-5 V9.4.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 9.4.0 Release 9)
- ETSI TS 137 571-5 V10.2.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 10.2.0 Release 10)
- ETSI TR 137 900 V11.0.1:2013
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Radio Frequency (RF) requirements for Multicarrier and Multiple Radio Access Technology (Multi-RAT) Base Station (BS) (3GPP TR 37.900 version 11.0.1 Release 11)
- ETSI TR 137 901 V11.5.0:2013
Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) application layer data throughput performance (3GPP TR 37.901 version 11.5.0 Release 11)
- ETSI TR 137 902 V11.0.1:2013
Universal Mobile Telecommunications System (UMTS) – LTE – Measurements of UE radio performances for LTE/UMTS terminals – TRP and TRS test methodology (3GPP TR 37.902 version 11.0.1 Release 11)
- ETSI TS 151 010-2 V10.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (3GPP TS 51.010-2 version 10.3.0 Release 10)
- ETSI TS 151 010-5 V10.3.0:2013
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS) (3GPP TS 51.010-5 version 10.3.0 Release 10)

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija CENELEC

- EN 55016-1-5:2004/A1:2012
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-5: Radio disturbance and immunity measuring apparatus – Specifications and validation procedures for CALTS and REFTS from 30 MHz to 1 000 MHz (CISPR 16-1-5:2003/A1:2012)

33.100.10 Zračenje

Europska normizacija CENELEC

- EN 55032:2012/AC:2012
Electromagnetic compatibility of multimedia equipment – Emission requirements
- EN 55103-1:2009/A1:2012
Electromagnetic compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use – Part 1: Emissions

33.120.20 Žice i simetrični kabeli

Međunarodna normizacija IEC

- IEC 61156-5:2009/am1:2012
Amendment 1 – Multicore and symmetrical pair/quad cables for digital communications – Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz – Horizontal floor wiring – Sectional specification
- IEC 61156-5 Edition 2.1:2012
Multicore and symmetrical pair/quad cables for digital communications – Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz – Horizontal floor wiring – Sectional specification
- IEC 61156-6:2010/am1:2012
Amendment 1 – Multicore and symmetrical pair/quad cables for digital communications – Part 6: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz – Work area wiring – Sectional specification
- IEC 61156-6 Edition 3.1:2012
Multicore and symmetrical pair/quad cables for digital communications – Part 6: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz – Work area wiring – Sectional specification
- IEC 61156-7:2003/am1:2012
Amendment 1 – Multicore and symmetrical pair/quad cables for digital communications – Part 7: Symmetrical pair cables with transmission characteristics up to 1 200 MHz – Sectional specification for digital and analog communication cables
- IEC 61156-7 Edition 1.1:2012
Multicore and symmetrical pair/quad cables for digital communications – Part 7: Symmetrical pair cables with transmission characteristics up to 1 200 MHz – Sectional specification for digital and analog communication cables

33.120.30 RF konektori

Međunarodna normizacija

IEC

- IEC 61169-44:2012
Radio-frequency connectors – Part 44: Sectional specification for series SMP push-on radio-frequency coaxial connectors
- IEC 61169-42:2013
Radio-frequency connectors – Part 42: Sectional specification for CQN series quick lock RF coaxial connectors
- IEC 62037-5:2013
Passive RF and microwave devices, intermodulation level measurement – Part 5: Measurement of passive intermodulation in filters
- IEC 62037-6:2013
Passive RF and microwave devices, intermodulation level measurement – Part 6: Measurement of passive intermodulation in antennas

33.160.25 Televizijski prijarnnici

Međunarodna normizacija

IEC

- IEC 62731:2013
Text-to-speech for television – General requirements
- IEC/PAS 62825:2013
Methods of measurement and limits for radiated disturbances from plasma display panel TVs in the frequency range 150 kHz to 30 MHz

33.160.50 Pribor

Europska normizacija

CENELEC

- EN 61094-8:2012/AC:2013
Measurement microphones – Part 8: Methods for determining the free-field sensitivity of working standard microphones by comparison

33.170 Televizijski i radijski prijenos

Europska normizacija

ETSI

- ETSI TS 102 822-3-1 V1.8.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems (“TV-Anytime”) – Part 3: Metadata – Sub-part 1: Phase 1 – Metadata schemas
- ETSI TS 102 822-3-3 V1.6.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems (“TV-Anytime”) – Part 3: Metadata – Sub-part 3: Phase 2 – Extended Metadata Schema
- ETSI TS 102 822-3-4 V1.6.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems (“TV-Anytime”) – Part 3: Metadata – Sub-part 4: Phase 2 – Interstitial metadata
- ETSI TS 102 822-4 V1.7.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems (“TV-Anytime”) – Part 4: Phase 1 – Content referencing
- ETSI TS 102 822-5-1 V1.7.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems

(“TV-Anytime”) – Part 5: Rights Management and Protection (RMP) – Sub-part 1: Information for Broadcast Applications

- ETSI TS 102 822-6-1 V1.8.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems (“TV-Anytime”) – Part 6: Delivery of metadata over a bi-directional network – Sub-part 1: Service and transport
- ETSI TS 102 822-6-3 V1.6.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems (“TV-Anytime”) – Part 6: Delivery of metadata over a bi-directional network – Sub-part 3: Phase 2 – Exchange of Personal Profile
- ETSI TS 102 822-8 V1.6.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems (“TV-Anytime”) – Part 8: Phase 2 – Interchange Data Format
- ETSI TS 102 822-9 V1.6.1:2012
Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems (“TV-Anytime”) – Part 9: Phase 2 – Remote Programming

33.180.01 Svjetlovodni sustavi općenito

Europska normizacija

CENELEC

- EN 61280-2-2:2012
Fibre optic communication subsystem test procedures – Part 2-2: Digital systems – Optical eye pattern, waveform and extinction ratio measurement (IEC 61280-2-2:2012)

Međunarodna normizacija

IEC

- IEC/TR 61282-10:2013
Fibre optic communication system design guides – Part 10: Characterization of the quality of optical vector-modulated signals with the error vector magnitude
- IEC/TR 62221:2012
Optical fibres – Measurement methods – Microbending sensitivity

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija

CENELEC

- EN 60794-4-20:2012
Optical fibre cables – Part 4-20: Aerial optical cables along electrical power lines – Family specification for ADSS (All Dielectric Self Supported) optical cables (IEC 60794-4-20:2012)

Međunarodna normizacija

IEC

- IEC 60793-1-42:2013
Optical fibres – Part 1-42: Measurement methods and test procedures – Chromatic dispersion
- IEC 60793-2-50:2012
Optical fibres – Part 2-50: Product specifications – Sectional specification for class B single-mode fibres
- IEC 60794-3-12:2012
Optical fibre cables – Part 3-12: Outdoor cables – Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling

33.180.20 Svjetlovodni vezne naprave

Međunarodna normizacija

IEC

- IEC 60869-1:2012
Fibre optic interconnecting devices and passive components – Fibre optic passive power control devices – Part 1: Generic specification
- IEC 61300-3-4:2012
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-4: Examinations and measurements – Attenuation
- IEC 61753-021-3:2012
Fibre optic interconnecting devices and passive components – Performance standard – Part 021-3: Single-mode fibre optic connectors for category U – Uncontrolled environment
- IEC 61753-056-2:2012
Fibre optic interconnecting devices and passive components – Performance standard – Part 056-2: Single mode fibre pigtailed style optical fuse for category C – Controlled environment
- IEC 61753-057-2:2012
Fibre optic interconnecting devices and passive components – Performance standard – Part 057-2: Single mode fibre plug-receptacle style optical fuse for category C – Controlled environment
- IEC 62843:2013
Standard for N times 64 kilobit per second optical fiber interfaces between teleprotection and multiplexer equipment

33.180.30 Optička pojačala

Međunarodna normizacija

IEC

- IEC 62343-1-3:2012
Dynamic modules – Part 1-3: Performance standards – Dynamic gain tilt equalizer (non-connectorized)

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija

ETSI

- ETSI TS 103 092 V1.2.1:2013
Machine-to-Machine communications (M2M) – OMA DM compatible Management Objects for ETSI M2M
- ETSI TS 103 092 V2.1.1:2013
Machine-to-Machine communications (M2M) – OMA DM compatible Management Objects for ETSI M2M

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija

ISO

- ISO/IEC 2382-37:2012
Information technology – Vocabulary – Part 37: Biometrics

35.040 Skupovi znakova i kodiranje informacija

Međunarodna normizacija

ISO

- ISO/IEC 13888-2:2010/Cor 1:2012
Information technology – Security techniques – Non-repudiation – Part 2: Mechanisms using symmetric techniques
- ISO 14306:2012
Industrial automation systems and integration – JT file format specification for 3D visualization
- ISO/IEC 14492:2001/Amd 3:2012
Information technology – Lossy/lossless coding of bi-level images – Amendment 3: Extension to colour coding
- ISO/IEC 15946-5:2009/Cor 1:2012
Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 5: Elliptic curve generation
- ISO/IEC 23000-10:2012
Information technology – Multimedia application format (MPEG-A) – Part 10: Surveillance application format
- ISO/IEC 24769-5:2012
Information technology – Automatic identification and data capture techniques – Real time locating systems (RTLS) device conformance test methods – Part 5: Test methods for chirp spread spectrum (CSS) at 2,4 GHz air interface
- ISO/IEC 24770:2012
Information technology – Real-time locating system (RTLS) device performance test methods – Test methods for air interface communication at 2,4 GHz
- ISO/IEC 27000:2012
Information technology – Security techniques – Information security management systems – Overview and vocabulary
- ISO/IEC 29191:2012
Information technology – Security techniques – Requirements for partially anonymous, partially unlinkable authentication
- ISO/IEC 20944-1:2013
Information technology – Metadata Registries Interoperability and Bindings (MDR-IB) – Part 1: Framework, common vocabulary, and common provisions for conformance
- ISO/IEC 20944-2:2013
Information technology – Metadata Registries Interoperability and Bindings (MDR-IB) – Part 2: Coding bindings
- ISO/IEC 20944-3:2013
Information technology – Metadata Registries Interoperability and Bindings (MDR-IB) – Part 3: API bindings
- ISO/IEC 20944-4:2013
Information technology – Metadata Registries Interoperability and Bindings (MDR-IB) – Part 4: Protocol bindings
- ISO/IEC 20944-5:2013
Information technology – Metadata Registries Interoperability and Bindings (MDR-IB) – Part 5: Profiles
- ISO/IEC 23000-10:2012/Cor 1:2013
Information technology – Multimedia application format (MPEG-A) – Part 10: Surveillance application format

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Međunarodna normizacija ISO

ISO/IEC 8652:2012
Information technology – Programming languages – Ada
ISO/IEC 15897:2011/Cor 1:2013
Information technology – User interfaces – Procedures for the registration of cultural elements

35.080 Softver (programaska podrška)

Međunarodna normizacija ISO

ISO/IEC 26551:2012
Software and systems engineering – Tools and methods for product line requirements engineering

35.100.01 Međupovezivanje otvorenih sustava općenito

Međunarodna normizacija ISO

ISO/IEC 22536:2013
Information technology – Telecommunications and information exchange between systems – Near Field Communication Interface and Protocol (NFCIP-1) – RF interface test methods

35.100.05 Višeslojna primjena

Međunarodna normizacija ISO

ISO/IEC TR 30102:2012
Information technology – Distributed Application Platforms and Services (DAPS) – General technical principles of Service Oriented Architecture

35.100.60 Sloj prikazivanja

Međunarodna normizacija ISO

ISO/IEC 8824-1:2008/Cor 1:2012
Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation
ISO/IEC 8824-2:2008/Cor 1:2012
Information technology – Abstract Syntax Notation One (ASN.1): Information object specification
ISO/IEC 8825-1:2008/Cor 1:2012
Information technology – ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)
ISO/IEC 8825-2:2008/Cor 1:2012
Information technology – ASN.1 encoding rules: Specification of Packed Encoding Rules (PER)
ISO/IEC 8825-3:2008/Cor 1:2012
Information technology – ASN.1 encoding rules: Specification of Encoding Control Notation (ECN)
ISO/IEC 8825-4:2008/Cor 1:2012
Information technology – ASN.1 encoding rules: XML Encoding Rules (XER)

ISO/IEC 8825-5:2008/Cor 1:2012
Information technology – ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1

ISO/IEC 24824-1:2007/Cor 1:2012
Information technology – Generic applications of ASN.1: Fast Infoset

35.110 Umrežavanje

Europska normizacija CENELEC

EN 50173-4:2007/A2:2012
Information technology – Generic cabling systems – Part 4: Homes
EN 50173-5:2007/A2:2012
Information technology – Generic cabling systems – Part 5: Data centres

Međunarodna normizacija ISO

ISO/IEC TR 29106:2007/Amd 1:2012
Information technology – Generic cabling – Introduction to the MICE environmental classification
ISO/IEC 29180:2012
Information technology – Telecommunications and information exchange between systems – Security framework for ubiquitous sensor networks

35.140 Računalna grafika

Međunarodna normizacija ISO

ISO 29481-2:2012
Building information models – Information delivery manual – Part 2: Interaction framework

35.200 Sučelna i spojna oprema

Međunarodna normizacija ISO

ISO/IEC 14165-243:2012
Information technology – Fibre Channel – Part 243: Backbone 3 (FC-BB-3)
ISO/IEC TR 29106:2007/Amd 1:2012
Information technology – Generic cabling – Introduction to the MICE environmental classification

35.240.01 Primjene informacijske tehnologije općenito

Međunarodna normizacija ISO

ISO 17369:2013
Statistical data and metadata exchange (SDMX)

35.240.15 Identifikacijske kartice i pripadajuće naprave

Europska normizacija ETSI

EN 319 401 V1.1.1:2013
Electronic Signatures and Infrastructures (ESI) – General Policy Requirements for Trust Service Providers supporting Electronic Signatures

- EN 319 411-2 V1.1.1:2013
Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 2: Policy requirements for certification authorities issuing qualified certificates
- EN 319 411-3 V1.1.1:2013
Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 3: Policy requirements for Certification Authorities issuing public key certificates
- ETSI TS 102 223 V11.1.0:2012
Smart Cards – Card Application Toolkit (CAT) (Release 11)
- ETSI TS 102 226 V9.6.0:2013
Smart Cards – Remote APDU structure for UICC based applications (Release 9)
- ETSI TS 102 226 V10.2.0:2013
Smart Cards – Remote APDU structure for UICC based applications (Release 10)
- ETSI TS 102 226 V11.2.0:2013
Smart Cards – Remote APDU structure for UICC based applications (Release 11)
- ETSI TS 102 241 V11.0.0:2012
Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 11)
- ETSI TS 102 267 V11.0.0:2012
Smart Cards – Connection Oriented Service API for the Java Card(TM) platform (Release 11)
- ETSI TS 102 384 V8.0.0:2012
Smart Cards – UICC-Terminal interface – Card Application Toolkit (CAT) conformance specification (Release 8)
- ETSI TS 102 694-1 V9.1.0:2012
Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 1: Terminal features (Release 9)
- ETSI TS 102 694-2 V9.2.0:2012
Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 2: UICC features (Release 9)
- ETSI TS 102 695-2 V9.0.0:2012
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 2: UICC features (Release 9)
- ETSI TS 102 695-3 V8.3.0:2012
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 3: Host Controller features (Release 8)
- ETSI TS 102 705 V9.3.0:2012
Smart Cards – UICC Application Programming Interface for Java Card™ for Contactless Applications (Release 9)

Međunarodna normizacija ISO

- ISO/IEC 2382-37:2012
Information technology – Vocabulary – Part 37: Biometrics
- ISO/IEC 10373-6:2011/Amd 4:2012
Identification cards – Test methods – Part 6: Proximity cards – Amendment 4: Bit rates of $fc/8$, $fc/4$ and $fc/2$ and frame size from 512 to 4096 bytes
- ISO/IEC 11694-2:2012
Identification cards – Optical memory cards – Linear recording method – Part 2: Dimensions and location of the accessible optical area

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CEN

- EN 9300-004:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 004: Description methods
- EN 9300-011:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 011: Reference process description “Data preparation”
- EN 9300-012:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 012: Reference process description “Ingest”
- EN 9300-013:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 013: Reference process description “Archival Storage”
- EN 9300-014:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 014: Reference process description “Retrieval”
- EN 9300-015:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 015: Reference process description “Removal”

35.240.50 Primjene IT-a u industriji

Međunarodna normizacija ISO

- ISO 14306:2012
Industrial automation systems and integration – JT file format specification for 3D visualization

IEC

- IEC 61499-4:2013
Function blocks – Part 4: Rules for compliance profiles
- IEC 62337:2012/Corr.1:2012
Commissioning of electrical, instrumentation and control systems in the process industry – Specific phases and milestones

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija CEN

- EN 9300-004:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 004: Description methods
- EN 9300-011:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 011: Reference process description “Data preparation”

- EN 9300-012:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 012: Reference process description “Ingest”
- EN 9300-013:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 013: Reference process description “Archival Storage”
- EN 9300-014:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 014: Reference process description “Retrieval”
- EN 9300-015:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 015: Reference process description “Removal”
- EN 16104:2012
Food data – Structure and interchange format
- EN 16312:2013
Intelligent transport systems – Automatic Vehicle and Equipment Registration (AVI/AEI) – Interoperable application profile for AVI/AEI and Electronic Register Identification using dedicated short range communication
- CEN/TR 16405:2013
Intelligent transport systems – ESafety – ECall additional optional data set for heavy goods vehicles eCall
- EN 28701:2012
Intelligent transport systems – Public transport – Identification of Fixed Objects in Public Transport (IFOPT)

ETSI

- ETSI TS 102 917-1 V1.1.1:2013
Intelligent Transport Systems (ITS) – Test specifications for the channel congestion control algorithms operating in the 5,9 GHz range – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 102 917-2 V1.1.1:2013
Intelligent Transport Systems (ITS) – Test specifications for the channel congestion control algorithms operating in the 5,9 GHz range – Part 2: Test Suite Structure and Test Purposes (TSS & TP)
- ETSI TS 102 917-3 V1.1.1:2013
Intelligent Transport Systems (ITS) – Test specifications for the channel congestion control algorithms operating in the 5,9 GHz range – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT)

Međunarodna normizacija

ISO

- ISO/IEC 18000-6:2013
Information technology – Radio frequency identification for item management – Part 6: Parameters for air interface communications at 860 MHz to 960 MHz General
- ISO/IEC 18000-63:2013
Information technology – Radio frequency identification for item management – Part 63: Parameters for air interface communications at 860 MHz to 960 MHz Type C
- ISO 22274:2013
Systems to manage terminology, knowledge and content – Concept-related aspects for developing and internationalizing classification systems

- ISO/IEC 24791-5:2012
Information technology – Radio frequency identification (RFID) for item management – Software system infrastructure – Part 5: Device interface
- ISO/IEC 29173-1:2012
Information technology – Mobile item identification and management – Part 1: Mobile RFID interrogator device protocol for ISO/IEC 18000-63 Type C

35.240.70 Primjene IT-a u znanosti

Međunarodna normizacija

ISO

- ISO 19117:2012
Geographic information – Portrayal

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Europska normizacija

CEN

- EN ISO 11073-10406:2012
Health informatics – Personal health device communication – Part 10406: Device specialization – Basic electrocardiograph (ECG) (1- to 3-lead ECG) (ISO/IEEE 11073-10406:2012)

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija

CEN

- EN 13321-2:2012
Open Data Communication in Building Automation, Controls and Building Management – Home and Building Electronic Systems – Part 2: KNXnet/IP Communication
- EN ISO/IEC 19788-1:2012
Information technology – Learning, education and training – Metadata for learning resources – Part 1: Framework (ISO/IEC 19788-1:2011)
- EN ISO/IEC 19788-2:2012
Information technology – Learning, education and training – Metadata for learning resources – Part 2: Dublin Core elements (ISO/IEC 19788-2:2011)

Međunarodna normizacija

ISO

- ISO/IEC 15897:2011/Cor 1:2013
Information technology – User interfaces – Procedures for the registration of cultural elements

35.260 Uredski strojevi

Međunarodna normizacija

ISO

- ISO/IEC 21118:2012
Information technology – Office equipment – Information to be included in specification sheets – Data projectors

37.100.01 Grafička tehnologija općenito

Međunarodna normizacija

ISO

ISO 12647-6:2012

Graphic technology – Process control for the production of half-tone colour separations, proofs and production prints – Part 6: Flexographic printing

43.020 Cestovna vozila općenito

Međunarodna normizacija

ISO

ISO/TR 13330:2013

Road vehicles – Calculation processes for the neck injury criteria in rear impact

43.040.10 Električna i elektronička oprema

Međunarodna normizacija

ISO

ISO 16750-3:2012

Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 3: Mechanical loads

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Međunarodna normizacija

ISO

ISO 17458-1:2013

Road vehicles – FlexRay communications system – Part 1: General information and use case definition

ISO 17458-2:2013

Road vehicles – FlexRay communications system – Part 2: Data link layer specification

ISO 17458-3:2013

Road vehicles – FlexRay communications system – Part 3: Data link layer conformance test specification

ISO 17458-4:2013

Road vehicles – FlexRay communications system – Part 4: Electrical physical layer specification

ISO 17458-5:2013

Road vehicles – FlexRay communications system – Part 5: Electrical physical layer conformance test specification

ISO 22900-3:2012

Road vehicles – Modular vehicle communication interface (MVCi) – Part 3: Diagnostic server application programming interface (D-Server API)

43.040.80 Sustavi za zaštitu od sudara i držanje

Međunarodna normizacija

ISO

ISO/TR 12353-3:2013

Road vehicles – Traffic accident analysis – Part 3: Guidelines for the interpretation of recorded crash pulse data to determine impact severity

ISO/TR 14933:2012

Road vehicles – Test procedures for evaluating out-of-position vehicle occupant interactions with deploying side air bags

43.060.40 Sustavi goriva

Međunarodna normizacija

ISO

ISO 19078:2013

Gas cylinders – Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles

ISO 22241-5:2012

Diesel engines – NOx reduction agent AUS 32 – Part 5: Refilling interface for passenger cars

Električna cestovna vozila

Međunarodna normizacija

ISO

ISO 23274-1:2013

Hybrid-electric road vehicles – Exhaust emissions and fuel consumption measurements – Part 1: Non-externally chargeable vehicles

ISO/IEC PAS 16898:2012

Electrically propelled road vehicles – Dimensions and designation of secondary lithium-ion cells

Motocikli i mopedi

Međunarodna normizacija

ISO

ISO 11486:2006/Amd 1:2012

Motorcycles – Methods for setting running resistance on a chassis dynamometer

43.150 Bicikli

Europska normizacija

CEN

EN 15918:2011+A1:2013

Cycles – Cycle trailers – Safety requirements and test methods

43.160 Vozila za posebne namjene

Europska normizacija

CEN

EN 15429-2:2012

Sweepers – Part 2: Performance requirements and test methods

43.180 Oprema za dijagnostiku, održavanje i ispitivanje

Europska normizacija

CEN

EN ISO 18542-1:2012

Road vehicles – Standardized repair and maintenance information (RMI) terminology – Part 1: General information and use case definition (ISO 18542-1:2012)

Međunarodna normizacija

ISO

ISO 14229-3:2012

Road vehicles – Unified diagnostic services (UDS) – Part 3: Unified diagnostic services on CAN implementation (UDSonCAN)

- ISO 14229-4:2012
Road vehicles – Unified diagnostic services (UDS)
– Part 4: Unified diagnostic services on FlexRay
implementation (UDSonFR)
- ISO 17268:2012
Gaseous hydrogen land vehicle refuelling connection
devices
- ISO 18542-1:2012
Road vehicles – Standardized repair and maintenance
information (RMI) terminology – Part 1: General
information and use case definition

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija CEN

- EN 15380-4:2013
Railway applications – Classification system for
railway vehicles – Part 4: Function groups
- EN 15734-2:2010/AC:2012
Railway applications – Braking systems of high
speed trains – Part 2: Test methods

Međunarodna normizacija IEC

- IEC 60349-4:2012
Electric traction – Rotating electrical machines for
rail and road vehicles – Part 4: Permanent magnet
synchronous electrical machines connected to an
electronic converter

45.060.10 Vučna vozila

Europska normizacija CEN

- EN 15153-1:2013
Railway applications – External visible and audible
warning devices for trains – Part 1: Head, marker and
tail lamps
- EN 15153-2:2013
Railway applications – External visible and audible
warning devices for trains – Part 2: Warning horns

CENELEC

- EN 50463-1:2012
Railway applications – Energy measurement on board
trains – Part 1: General
- EN 50463-2:2012
Railway applications – Energy measurement on board
trains – Part 2: Energy measuring
- EN 50463-3:2012
Railway applications – Energy measurement on board
trains – Part 3: Data handling
- EN 50463-4:2012
Railway applications – Energy measurement on board
trains – Part 4: Communication
- EN 50463-5:2012
Railway applications – Energy measurement on board
trains – Part 5: Conformity assessment

47.020.70 Oprema za navigaciju i upravljanje

Međunarodna normizacija ISO

- ISO 16425:2013
Ships and marine technology – Guidelines for the
installation of ship communication networks for
shipboard equipment and systems

IEC

- IEC 61924-2:2012
Maritime navigation and radiocommunication
equipment and systems – Integrated navigation
systems – Part 2: Modular structure for INS –
Operational and performance requirements, methods
of testing and required test results

47.020.99 Ostale norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija ISO

- ISO 16145-4:2013
Ships and marine technology – Protective coatings
and inspection method – Part 4: Automated measuring
method for the total amount of water-soluble salts

47.040 Morska plovila

Međunarodna normizacija ISO

- ISO/PAS 28007:2012
Ships and marine technology – Guidelines for Private
Maritime Security Companies (PMSC) providing
privately contracted armed security personnel
(PCASP) on board ships (and pro forma contract)

47.080 Mala plovila

Europska normizacija CEN

- EN ISO 10133:2012
Small craft – Electrical systems – Extra-low-voltage
d.c. installations (ISO 10133:2012)
- EN ISO 25197:2012
Small craft – Electrical/electronic control systems for
steering, shift and throttle (ISO 25197:2012)

Međunarodna normizacija ISO

- ISO 10133:2012
Small craft – Electrical systems – Extra-low-voltage
d.c. installations
- ISO 25197:2012
Small craft – Electrical/electronic control systems for
steering, shift and throttle

49.020 Zrakoplovi i svemirska vozila općenito

Europska normizacija CEN

- EN 9300-004:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 004: Description methods
- EN 9300-011:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 011: Reference process description “Data preparation”
- EN 9300-012:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 012: Reference process description “Ingest”
- EN 9300-013:2013
Aerospace series – LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 013: Reference process description “Archival Storage”
- EN 9300-014:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 014: Reference process description “Retrieval”
- EN 9300-015:2013
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 015: Reference process description “Removal”

Međunarodna normizacija ISO

- ISO 20785-1:2012
Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 1: Conceptual basis for measurements

49.025.05 Legure na bazi željeza općenito

Europska normizacija CEN

- EN 4526:2013
Aerospace series – Metallic materials – Test methods – Sharp edge-notch tensile testing for sheet and strip

49.025.15 Neželjezni metali općenito

Europska normizacija CEN

- EN 4526:2013
Aerospace series – Metallic materials – Test methods – Sharp edge-notch tensile testing for sheet and strip

49.025.30 Titan

Europska normizacija CEN

- EN 3354:2013
Aerospace series – Titanium alloy Ti-6Al-4V – Annealed – Sheet for superplastic forming – a = 6 mm

- EN 3813:2013
Aerospace series – Titanium alloy Ti-P64001 (Ti-6Al-4V) – Annealed – Bar and wire for forged fasteners – De = 50 mm

49.025.40 Guma i plastika

Europska normizacija CEN

- EN 3697:2013
Aerospace series – Acrylonitrile-butadiene rubber (NBR) – Low temperature resistant – Hardness 60 IRHD

49.025.50 Ljepila

Europska normizacija CEN

- EN 4106:2013
Aerospace series – Non-metallic materials – Structural adhesive systems – Paste adhesive – Technical specification
- EN 4488:2013
Aerospace series – Non-metallic materials – Anaerobic polymerisable compounds – Threadlocking – Torque strength 2 Nm
- EN 4491:2013
Aerospace series – Non-metallic materials – Anaerobic polymerisable compounds – Threadlocking – Torque strength 16 Nm
- EN 4492:2013
Aerospace series – Non-metallic materials – Anaerobic polymerisable compounds – Threadlocking – Torque strength 19 Nm

49.025.99 Ostali materijali

Europska normizacija CEN

- EN 3861:2013
Aerospace series – Non-metallic materials – Glass transparencies – Material standard – Thermally tempered soda lime float glass
- EN 3862:2013
Aerospace series – Non-metallic materials – Glass transparencies – Material standard – Chemically tempered soda lime float glass
- EN 3863:2013
Aerospace series – Non-metallic materials – Glass transparencies – Test methods – Determination of flatness
- EN 3866:2013
Aerospace series – Non-metallic materials – Glass transparencies – Test methods – Determination of ream and surface ripple

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija CEN

- EN 2267-009:2013
Aerospace series – Cables, electrical, for general purpose – Operating temperatures between – 55 °C and 260 °C – Part 009: DRA family, single and multicore assembly – Product standard

- EN 3645-001:2013
Aerospace series – Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous – Part 001: Technical specification
- EN 3660-025:2013
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 025: Cable outlet, style A, straight, unsealed, with cable tie strain relief for EN 3646 – Product standard
- EN 3660-027:2013
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 027: Cable outlet, style A, 45°, unsealed, with cable tie strain relief for EN 3646 – Product standard
- EN 3660-038:2013
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 038: Manual installation tool, style Z, for installation of stainless steel shield termination band EN 3660-033, to cable outlet accessories – Product standard
- EN 3682-005:2013
Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 005: Size 2 plug – Product standard
- EN 3682-006:2013
Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 006: Size 3 receptacle – Product standard
- EN 3682-007:2013
Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 007: Size 3 plug – Product standard
- EN 3682-008:2013
Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 008: Size 4 receptacle – Product standard
- EN 3682-009:2013
Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 009: Size 4 plug – Product standard
- EN 4199-001:2013
Aerospace series – Bonding straps for aircraft – Part 001: Technical specification

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija

ETSI

- EN 303 213-2 V1.3.1:2012
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 2: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 2 including external interfaces

49.100 Zemaljska služba i oprema za održavanje

Europska normizacija CEN

- EN 1915-1:2013
Aircraft ground support equipment – General requirements – Part 1: Basic safety requirements
- EN 12312-1:2013
Aircraft ground support equipment – Specific requirements – Part 1: Passenger stairs
- EN 12312-9:2013
Aircraft ground support equipment – Specific requirements – Part 9: Container/Pallet loaders

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

- ISO 26871:2012
Space systems – Explosive systems and devices

53.020.20 Dizalice

Međunarodna normizacija ISO

- ISO 8686-1:2012
Cranes – Design principles for loads and load combinations – Part 1: General

53.040.20 Sastavni dijelovi za prijenosne trake

Europska normizacija CEN

- EN ISO 284:2012
Conveyor belts – Electrical conductivity – Specification and test method (ISO 284:2012)
- EN ISO 15147:2012
Light conveyor belts – Tolerances on widths and lengths of cut light conveyor belts (ISO 15147:2012)

Međunarodna normizacija ISO

- ISO 284:2012
Conveyor belts – Electrical conductivity – Specification and test method
- ISO 15147:2012
Light conveyor belts – Tolerances on widths and lengths of cut light conveyor belts
- ISO 16851:2012
Textile conveyor belts – Determination of the net length of an endless (spliced) conveyor belt

53.060 Industrijski prijevozni sustavi

Europska normizacija CEN

- EN 16307-1:2013
Industrial trucks – Safety requirements and verification – Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks

53.100 Strojevi za zemljane radove

Međunarodna normizacija ISO

ISO 6747:2013
Earth-moving machinery – Dozers – Terminology and commercial specifications

55.020 Ambalaža, pakiranje i distribucija robe općenito

Europska normizacija CEN

EN ISO 13127:2012/AC:2012
Packaging – Child resistant packaging – Mechanical test methods for reclosable child resistant packaging systems – Technical Corrigendum 1 (ISO 13127:2012/Cor 1:2012)

Međunarodna normizacija ISO

ISO 17351:2013
Packaging – Braille on packaging for medicinal products

ISO 18601:2013
Packaging and the environment – General requirements for the use of ISO standards in the field of packaging and the environment

ISO 18602:2013
Packaging and the environment – Optimization of the packaging system

ISO 18603:2013
Packaging and the environment – Reuse

ISO 18604:2013
Packaging and the environment – Material recycling

ISO 18605:2013
Packaging and the environment – Energy recovery

ISO 18606:2013
Packaging and the environment – Organic recycling

55.100 Boce. Vrčevi. Lonci

Međunarodna normizacija ISO

ISO 16419:2013
Cork – Visual anomalies of cork stoppers for still wines

ISO 16420:2013
Cork – Cork stoppers for still wines – Mechanical and physical specifications

ISO 17727:2012
Cork --Cork stoppers for still wine – Sampling plan for the quality control of cork stoppers

55.180.10 Kontejneri opće namjene

Europska normizacija CEN

EN ISO 6346:1995/A3:2012
Freight containers – Coding, identification and marking – Amendment 3 (ISO 6346:1995/Amd 3:2012)

Međunarodna normizacija ISO

ISO 6346:1995/Amd 3:2012
Freight containers – Coding, identification and marking; Amendment 3

55.230 Strojevi za distribuciju i prodaju

Međunarodna normizacija IEC

IEC 60335-2-75:2012
Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines

61.020 Odjeća

Europska normizacija CEN

CEN/TR 16446:2012
Textiles – Safety of children's clothing – Guidance on the use of EN 14682:2007 Cords and drawstrings on children's clothing – Specifications

65.040.99 Ostale norme koje se odnose na gospodarske zgrade i instalacije

Međunarodna normizacija ISO

ISO 24631-7:2012
Radiofrequency identification of animals – Part 7: Synchronization of ISO 11785 identification systems

65.060.10 Poljoprivredni traktori i priključna vozila

Europska normizacija CEN

EN 709:1997+A4:2009/AC:2012
Agricultural and forestry machinery – Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) – Safety

EN 16246:2012
Agricultural machinery – Backhoes – Safety

65.060.20 Oprema za obradu zemlje

Europska normizacija CEN

EN 709:1997+A4:2009/AC:2012
Agricultural and forestry machinery – Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) – Safety

65.060.35 Oprema za navodnjavanje i isušivanje

Međunarodna normizacija ISO

ISO 13693-1:2013
Irrigation equipment – Safety devices for chemigation – Part 1: Small plastics valves for chemigation

65.080 Gnojiva

Europska normizacija CEN

EN 13971:2012
Carbonate and silicate liming materials – Determination of reactivity – Potentiometric titration method with hydrochloric acid

65.160 Duhan, duhanski proizvodi i odgovarajuća oprema

Međunarodna normizacija ISO

ISO 7210:2013
Routine analytical cigarette-smoking machine – Additional test methods for machine verification

ISO 16055:2012
Tobacco and tobacco products – Monitor test piece – Requirements and use

67.040 Hrana općenito

Europska normizacija CEN

EN 16104:2012
Food data – Structure and interchange format

67.240 Senzorske analize

Međunarodna normizacija ISO

ISO 8586:2012
Sensory analysis – General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors

67.260 Postrojenja i oprema za prehrambenu industriju

Europska normizacija CEN

EN 13289:2001+A1:2013
Pasta processing plants – Dryers and coolers – Safety and hygiene requirements

EN 13378:2001+A1:2013
Pasta processing plants – Pasta presses – Safety and hygiene requirements

EN 13379:2001+A1:2013
Pasta processing plants – Spreader, stripping and cutting machine, stick return conveyor, stick magazine – Safety and hygiene requirements

71.020 Proizvodnja u kemijskoj industriji

Europska normizacija CEN

EN ISO 10628-2:2012
Diagrams for the chemical and petrochemical industry – Part 2: Graphical symbols (ISO 10628-2:2012)

Međunarodna normizacija ISO

ISO 10628-2:2012
Diagrams for the chemical and petrochemical industry – Part 2: Graphical symbols

71.040.40 Kemijska analiza

Međunarodna normizacija ISO

ISO 11505:2013
Surface chemical analysis – General procedures for quantitative compositional depth profiling by glow discharge optical emission spectrometry

71.040.50 Fizikalnokemijske metode analize

Europska normizacija CENELEC

EN 61010-2-091:2012/AC:2013
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-091: Particular requirements for cabinet X-ray systems

71.100.10 Materijali za proizvodnju aluminija

Međunarodna normizacija ISO

ISO 12926:2012
Aluminium fluoride for industrial use – Determination of trace elements – Wavelength dispersive X-ray fluorescence spectrometric method using pressed powder tablets

71.100.20 Plinovi za industrijsku primjenu

Međunarodna normizacija ISO

ISO 17268:2012
Gaseous hydrogen land vehicle refuelling connection devices

71.100.30 Eksplozivi. Pirotehnika i pirotehnička sredstva

Europska normizacija CEN

EN 16256-3:2012
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 3: Requirements for construction and performance

EN 16256-4:2012
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 4: Minimum labelling requirements and instructions for use

EN 16256-5:2012
Pyrotechnic articles – Theatrical pyrotechnic articles – Part 5: Test methods

EN 16261-3:2012
Pyrotechnic articles – Fireworks, Category 4 – Part 3: Test methods

71.100.60 Eterična ulja

Međunarodna normizacija

ISO

- ISO 4719:2012
Essential oil of spike lavender (*Lavandula latifolia* Medikus), Spanish type
- ISO 4731:2012
Essential oil of geranium (*Pelargonium x ssp.*)

71.120.01 Oprema za kemijsku industriju općenito

Međunarodna normizacija

IEC

- IEC 62337:2012/Corr.1:2012
Commissioning of electrical, instrumentation and control systems in the process industry – Specific phases and milestones

75.020 Crpenje i obrada nafte i prirodnoga plina

Europska normizacija

CEN

- EN ISO 10628-2:2012
Diagrams for the chemical and petrochemical industry – Part 2: Graphical symbols (ISO 10628-2:2012)

75.060 Prirodni plin

Europska normizacija

CEN

- EN ISO 10723:2012
Natural gas – Performance evaluation for analytical systems (ISO 10723:2012)

Međunarodna normizacija

ISO

- ISO 10723:2012
Natural gas – Performance evaluation for analytical systems

75.120 Hidraulične tekućine

Europska normizacija

CEN

- EN ISO 12922:2012
Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU (ISO 12922:2012)

Međunarodna normizacija

ISO

- ISO 12922:2012
Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU

75.160.10 Kruta goriva

Europska normizacija

CEN

- EN 1860-1:2013
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods

75.160.20 Tekuća goriva

Europska normizacija

CEN

- EN 16214-4:2013
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach

75.160.30 Plinovita goriva

Međunarodna normizacija

ISO

- ISO 14687-2:2012
Hydrogen fuel – Product specification – Part 2: Proton exchange membrane (PEM) fuel cell applications for road vehicles

75.180.20 Procesna oprema

Europska normizacija

CEN

- EN ISO 13705:2012
Petroleum, petrochemical and natural gas industries – Fired heaters for general refinery service (ISO 13705:2012)

Međunarodna normizacija

ISO

- ISO 13705:2012
Petroleum, petrochemical and natural gas industries – Fired heaters for general refinery service

75.180.30 Volumetrijska oprema i mjerenja

Europska normizacija

CEN

- CEN/TR 16478:2012
Surveillance from first commissioning on measuring devices used in natural gas supply to the installations of the activities under the Directive 2003/87/EC establishing a scheme of CO₂ emissions trading

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Međunarodna normizacija

ISO

- ISO 15589-2:2012
Petroleum, petrochemical and natural gas industries – Cathodic protection of pipeline transportation systems – Part 2: Offshore pipelines

ISO 18225:2012
Plastics piping systems – Multilayer piping systems for outdoor gas installations – Specifications for systems

77.040.10 Mehaničko ispitivanje metala

Europska normizacija CEN

EN ISO 9513:2012
Metallic materials – Calibration of extensometer systems used in uniaxial testing (ISO 9513:2012)

Međunarodna normizacija ISO

ISO 9513:2012
Metallic materials – Calibration of extensometer systems used in uniaxial testing

77.040.99 Ostale metode za ispitivanje metala

Europska normizacija CEN

EN ISO 643:2012
Technical product documentation – Part references (ISO 6433:2012)

Međunarodna normizacija ISO

ISO 643:2012
Technical product documentation – Part references

77.060 Korozija metala

Europska normizacija cen

EN ISO 7539-1:2012
Corrosion of metals and alloys – Stress corrosion testing – Part 1: General guidance on testing procedures (ISO 7539-1:2012)
EN ISO 13174:2012
Cathodic protection of harbour installations (ISO 13174:2012)

Međunarodna normizacija ISO

ISO 7539-1:2012
Corrosion of metals and alloys – Stress corrosion testing – Part 1: General guidance on testing procedures
ISO 13174:2012
Cathodic protection of harbour installations
ISO 13573:2012
Corrosion of metals and alloys – Test method for thermal-cycling exposure testing under high-temperature corrosion conditions for metallic materials
ISO 26146:2012
Corrosion of metals and alloys – Method for metallographic examination of samples after exposure to high-temperature corrosive environments

77.140.15 Čelici za armiranje betona

Međunarodna normizacija ISO

ISO 13270:2013
Steel fibres for concrete – Definitions and specifications

77.140.50 Proizvodi i poluproizvodi od plosnatog čelika

Međunarodna normizacija ISO

ISO 3573:2012
Hot-rolled carbon steel sheet of commercial and drawing qualities
ISO 3574:2012
Cold-reduced carbon steel sheet of commercial and drawing qualities
ISO 6316:2012
Hot-rolled steel strip of structural quality
ISO 7452:2013
Hot-rolled steel plates – Tolerances on dimensions and shape
ISO 10384:2012
Hot-rolled carbon steel sheet as defined by chemical composition

77.140.70 Čelični profili

Međunarodna normizacija ISO

ISO 7452:2013
Hot-rolled steel plates – Tolerances on dimensions and shape

77.150.30 Proizvodi od bakra

Europska normizacija CEN

EN 1977:2013
Copper and copper alloys – Copper drawing stock (wire rod)

79.040 Drvo, trupci i piljena građa

Europska normizacija CEN

EN 14081-2:2010+A1:2012
Timber structures – Strength graded structural timber with rectangular cross section – Part 2: Machine grading; additional requirements for initial type testing

79.100 Pluta i proizvodi od pluta

Međunarodna normizacija ISO

ISO 16419:2013
Cork – Visual anomalies of cork stoppers for still wines
ISO 16420:2013
Cork – Cork stoppers for still wines – Mechanical and physical specifications
ISO 17727:2012
Cork --Cork stoppers for still wine – Sampling plan for the quality control of cork stoppers

79.120.10 Strojevi za obradu drva

Europska normizacija

CEN

EN 1870-8:2012

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

81.060.30 Tehnička keramika

Međunarodna normizacija

ISO

ISO 23146:2012

Fine ceramics (advanced ceramics, advanced technical ceramics) – Test methods for fracture toughness of monolithic ceramics – Single-edge V-notch beam (SEVNB) method

81.080 Vatrostalni materijali

Europska normizacija

CEN

EN ISO 1927-2:2012

Monolithic (unshaped) refractory products – Part 2: Sampling for testing (ISO 1927-2:2012)

EN ISO 1927-3:2012

Monolithic (unshaped) refractory products – Part 3: Characterization as received (ISO 1927-3:2012)

EN ISO 1927-4:2012

Monolithic (unshaped) refractory products – Part 4: Determination of consistency of castables (ISO 1927-4:2012)

EN ISO 1927-5:2012

Monolithic (unshaped) refractory products – Part 5: Preparation and treatment of test pieces (ISO 1927-5:2012)

EN ISO 1927-6:2012

Monolithic (unshaped) refractory products – Part 6: Measurement of physical properties (ISO 1927-6:2012)

EN ISO 1927-7:2012

Monolithic (unshaped) refractory products – Part 7: Tests on pre-formed shapes (ISO 1927-7:2012)

EN ISO 1927-8:2012

Monolithic (unshaped) refractory products – Part 8: Determination of complementary properties (ISO 1927-8:2012)

Međunarodna normizacija

ISO

ISO 1927-2:2012

Monolithic (unshaped) refractory products – Part 2: Sampling for testing

ISO 1927-3:2012

Monolithic (unshaped) refractory products – Part 3: Characterization as received

ISO 1927-4:2012

Monolithic (unshaped) refractory products – Part 4: Determination of consistency of castables

ISO 1927-5:2012

Monolithic (unshaped) refractory products – Part 5: Preparation and treatment of test pieces

ISO 1927-6:2012

Monolithic (unshaped) refractory products – Part 6: Measurement of physical properties

ISO 1927-7:2012

Monolithic (unshaped) refractory products – Part 7: Tests on pre-formed shapes

ISO 1927-8:2012

Monolithic (unshaped) refractory products – Part 8: Determination of complementary properties

ISO 5017:2013

Dense shaped refractory products – Determination of bulk density, apparent porosity and true porosity

83.040.10 Lateks i sirova guma

Međunarodna normizacija

ISO

ISO 12243:2003/Amd 1:2012

Medical gloves made from natural rubber latex – Determination of water-extractable protein using the modified Lowry method

83.060 Guma

Međunarodna normizacija

ISO

ISO 1432:2013

Rubber, vulcanized or thermoplastic – Determination of low-temperature stiffening (Gehman test)

ISO 2285:2013

Rubber, vulcanized or thermoplastic – Determination of tension set under constant elongation, and of tension set, elongation and creep under constant tensile load

ISO 4650:2012

Rubber – Identification – Infrared spectrometric methods

83.080.01 Plastika općenito

Europska normizacija

CEN

EN ISO 1183-1:2012

Plastics – Methods for determining the density of non-cellular plastics – Part 1: Immersion method, liquid pycnometer method and titration method (ISO 1183-1:2012)

EN ISO 5659-2:2012

Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test (ISO 5659-2:2012)

EN ISO 14855-1:2012

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 14855-1:2012)

EN ISO 11357-3:2013

Plastics – Differential scanning calorimetry (DSC) – Part 3: Determination of temperature and enthalpy of melting and crystallization (ISO 11357-3:2011)

EN ISO 11357-4:2013

Plastics – Differential scanning calorimetry (DSC) – Part 4: Determination of specific heat capacity (ISO 11357-4:2005)

EN ISO 11357-6:2013

Plastics – Differential scanning calorimetry (DSC) – Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) (ISO 11357-6:2008)

EN ISO 11357-7:2013
Plastics – Differential scanning calorimetry (DSC) – Part 7: Determination of crystallization kinetics (ISO 11357-7:2002)

Međunarodna normizacija ISO

EN ISO 5659-2:2012
Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test

ISO 6427:2013
Plastics – Determination of matter extractable by organic solvents (conventional methods)

ISO 14855-1:2012
Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 1: General method

83.080.20 Plastomerni materijali

Europska normizacija CEN

EN ISO 294-5:2013
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 5: Preparation of standard specimens for investigating anisotropy (ISO 294-5:2011)

EN ISO 7792-1:2012
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 7792-1:2012)

EN ISO 7792-2:2012
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 7792-2:2012)

Međunarodna normizacija ISO

ISO 7792-1:2012
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 1: Designation system and basis for specifications

ISO 7792-2:2012
Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties

83.140.10 Filmovi i ploče

Europska normizacija CEN

EN 1013:2012
Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings – Requirements and test methods

83.140.20 Laminatne ploče

Europska normizacija CEN

EN ISO 19712-1:2013
Plastics – Decorative solid surfacing materials – Part 1: Classification and specifications (ISO 19712-1:2008)

EN ISO 19712-2:2013
Plastics – Decorative solid surfacing materials – Part 2: Determination of properties – Sheet goods (ISO 19712-2:2007)

EN ISO 19712-3:2013
Plastics – Decorative solid surfacing materials – Part 3: Determination of properties – Solid surface shapes (ISO 19712-3:2007)

83.140.99 Ostali gumeni i plastični proizvodi

Međunarodna normizacija ISO

ISO 15398:2012
Specifications for thermoplastics covers and frames for manholes and inspection chambers used in non-traffic areas

83.180 Adhezivi

Europska normizacija CEN

EN 828:2013
Adhesives – Wettability – Determination by measurement of contact angle and surface free energy of solid surface

85.080.20 Tanki upijajući papir

Europska normizacija CEN

EN ISO 12625-11:2012
Tissue paper and tissue products – Part 11: Determination of wet ball burst strength (ISO 12625-11:2012)

Međunarodna normizacija ISO

ISO 12625-11:2012
Tissue paper and tissue products – Part 11: Determination of wet ball burst strength

85.080.30 Karton

Međunarodna normizacija ISO

ISO 11093-8:2012/Cor 1:2013
Paper and board – Testing of cores – Part 8: Determination of natural frequency and flexural modulus by experimental modal analysis

87.040 Boje i lakovi

Europska normizacija CEN

EN ISO 3233-1:2013
Paints and varnishes – Determination of the percentage volume of non-volatile matter – Part 1: Method using a coated test panel to determine non-volatile matter and to determine dry film density by the Archimedes principle (ISO 3233-1:2013)

- EN ISO 13129:2012
Paints and varnishes – Electrochemical measurement of the protection provided to steel by paint coatings – Current interrupter (CI) technique, relaxation voltammetry (RV) technique and DC transient (DCT) measurements (ISO 13129:2012)
- EN ISO 15091:2012
Paints and varnishes – Determination of electrical conductivity and resistance (ISO 15091:2012)
- EN ISO 20567-3:2012
Paints and varnishes – Determination of stone-chip resistance of coatings – Part 3: Single-impact test with a free-flying impact body (ISO 20567-3:2012)

Međunarodna normizacija ISO

- ISO 3233-1:2013
Paints and varnishes – Determination of the percentage volume of non-volatile matter – Part 1: Method using a coated test panel to determine non-volatile matter and to determine dry film density by the Archimedes principle
- ISO 15091:2012
Paints and varnishes – Determination of electrical conductivity and resistance
- ISO 16482-1:2013
Binders for paints and varnishes – Determination of the non-volatile-matter content of aqueous rosin-resin dispersions – Part 1: Oven method
- ISO 16482-2:2013
Binders for paints and varnishes – Determination of the non-volatile-matter content of aqueous rosin-resin dispersions – Part 2: Microwave method
- ISO 20567-3:2012
Paints and varnishes – Determination of stone-chip resistance of coatings – Part 3: Single-impact test with a free-flying impact body

87.060.20 Veziva

Međunarodna normizacija ISO

- ISO 16482-1:2013
Binders for paints and varnishes – Determination of the non-volatile-matter content of aqueous rosin-resin dispersions – Part 1: Oven method
- ISO 16482-2:2013
Binders for paints and varnishes – Determination of the non-volatile-matter content of aqueous rosin-resin dispersions – Part 2: Microwave method

91.010.01 Građevinska industrija općenito

Međunarodna normizacija ISO

- ISO 29481-2:2012
Building information models – Information delivery manual – Part 2: Interaction framework

91.010.30 Tehnički aspekti

Europska normizacija CEN

- EN 1991-3:2006/AC:2012
Eurocode 1 – Actions on structures – Part 3: Actions induced by cranes and machinery

91.040.01 Građevine općenito

Međunarodna normizacija ISO

- ISO 15928-5:2013
Houses – Description of performance – Part 5: Operating energy

91.060.01 Elementi građevina općenito

Europska normizacija CEN

- EN 1013:2012
Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings – Requirements and test methods

91.060.40 Dimnjaci, okna, kanali

Europska normizacija CEN

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

91.060.50 Vrata i prozori

Europska normizacija CEN

- EN 1191:2012
Windows and doors – Resistance to repeated opening and closing – Test method
- EN 12428:2013
Industrial, commercial and garage doors – Thermal transmittance – Requirements for the calculation
- EN 16005:2012
Power operated pedestrian doorsets – Safety in use – Requirements and test methods
- EN 16281:2013
Child protective products – Consumer fitted child resistant locking devices for windows and balcony doors – Safety requirements and test methods

91.080.40 Betonske konstrukcije

Međunarodna normizacija ISO

- ISO 13270:2013
Steel fibres for concrete – Definitions and specifications

91.100.25 Građevni proizvodi od pečene gline

Europska normizacija CEN

- EN 14891:2012/AC:2012
Liquid-applied water impermeable products for use beneath ceramic tiling bonded with adhesives – Requirements, test methods, evaluation of conformity, classification and designation

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija

CEN

- EN 13956:2012
Flexible sheets for waterproofing – Plastic and rubber sheets for roof waterproofing – Definitions and characteristics
- EN 14891:2012/AC:2012
Liquid-applied water impermeable products for use beneath ceramic tiling bonded with adhesives – Requirements, test methods, evaluation of conformity, classification and designation

91.100.60 Materijali za toplinsku i zvučnu izolaciju

Europska normizacija

CEN

- EN 13162:2012
Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification
- EN 13163:2012
Thermal insulation products for buildings – Factory made expanded polystyrene (EPS) products – Specification
- EN 13164:2012
Thermal insulation products for buildings – Factory made extruded polystyrene foam (XPS) products – Specification
- EN 13165:2012
Thermal insulation products for buildings – Factory made rigid polyurethane foam (PU) products – Specification
- EN 13166:2012
Thermal insulation products for buildings – Factory made phenolic foam (PF) products – Specification
- EN 13167:2012
Thermal insulation products for buildings – Factory made cellular glass (CG) products – Specification
- EN 13168:2012
Thermal insulation products for buildings – Factory made wood wool (WW) products – Specification
- EN 13169:2012
Thermal insulation products for buildings – Factory made expanded perlite board (EPB) products – Specification
- EN 13170:2012
Thermal insulation products for buildings – Factory made products of expanded cork (ICB) – Specification
- EN 13171:2012
Thermal insulation products for buildings – Factory made wood fibre (WF) products – Specification
- EN 14303:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made mineral wool (MW) products – Specification
- EN 14304:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made flexible elastomeric foam (FEF) products – Specification
- EN 14305:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made cellular glass (CG) products – Specification
- EN 14306:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made calcium silicate (CS) products – Specification

- EN 14307:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made extruded polystyrene foam (XPS) products – Specification
- EN 14308:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products – Specification
- EN 14309:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made products of expanded polystyrene (EPS) – Specification
- EN 14313:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made polyethylene foam (PEF) products – Specification
- EN 14314:2009+A1:2013
Thermal insulation products for building equipment and industrial installations – Factory made phenolic foam (PF) products – Specification
- EN 14315-1:2013
Thermal insulating products for buildings – In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products – Part 1: Specification for the rigid foam spray system before installation
- EN 14315-2:2013
Thermal insulating products for buildings – In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products – Part 2: Specification for the installed insulation products
- EN 14318-1:2013
Thermal insulating products for buildings – In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products – Part 1: Specification for the rigid foam dispensed system before installation
- EN 14318-2:2013
Thermal insulating products for buildings – In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products – Part 2: Specification for the installed insulation products
- EN 14319-1:2013
Thermal insulating products for building equipment and industrial installations – In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products – Part 1: Specification for the rigid foam dispensed system before installation
- EN 14319-2:2013
Thermal insulating products for building equipment and industrial installations – In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products – Part 2: Specification for the installed insulation products
- EN 14320-1:2013
Thermal insulating products for building equipment and industrial installations – In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products – Part 1: Specification for the rigid foam spray system before installation
- EN 14320-2:2013
Thermal insulating products for building equipment and industrial installations – In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products – Part 2: Specification for the installed insulation products
- EN 16069:2012
Thermal insulation products for buildings – Factory made products of polyethylene foam (PEF) – Specification

91.120.10 Toplinska izolacija

Europska normizacija

CEN

EN ISO 12569:2012

Thermal performance of buildings and materials – Determination of specific airflow rate in buildings – Tracer gas dilution method (ISO 12569:2012)

EN ISO 13788:2012

Hygrothermal performance of building components and building elements – Internal surface temperature to avoid critical surface humidity and interstitial condensation – Calculation methods (ISO 13788:2012)

Međunarodna normizacija

ISO

ISO 12569:2012

Thermal performance of buildings and materials – Determination of specific airflow rate in buildings – Tracer gas dilution method

ISO 13788:2012

Hygrothermal performance of building components and building elements – Internal surface temperature to avoid critical surface humidity and interstitial condensation – Calculation methods

91.120.30 Vodootpornost

Europska normizacija

CEN

EN ISO 13788:2012

Hygrothermal performance of building components and building elements – Internal surface temperature to avoid critical surface humidity and interstitial condensation – Calculation methods (ISO 13788:2012)

Međunarodna normizacija

ISO

ISO 13788:2012

Hygrothermal performance of building components and building elements – Internal surface temperature to avoid critical surface humidity and interstitial condensation – Calculation methods

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija

CEN/CENELEC

HD 60364-7-709:2009/A1:2012/AC:2012

Low-voltage electrical installations – Part 7-709: Requirements for special installations or locations – Marinas and similar locations

91.140.70 Sanitarne instalacije

Europska normizacija

CEN

EN 16145:2012

Sanitary tapware – Extractable outlets for sink and basin mixers – General technical specification

EN 16146:2012

Sanitary tapware – Extractable shower hoses for sanitary tapware for supply systems type 1 and type 2 – General technical specification

91.140.90 Dizala. Pokretne stube

Europska normizacija

CEN

EN ISO 14798:2013

Lifts (elevators), escalators and moving walks – Risk assessment and reduction methodology (ISO 14798:2009)

91.190 Građevni pribor

Europska normizacija

CEN

EN 16035:2012

Hardware performance sheet (HPS) – Identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows

91.220 Građevinska oprema

Međunarodna normizacija

ISO

ISO 15645:2002/Amd 1:2013

Road construction and maintenance equipment – Road milling machinery – Terminology and commercial specifications

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Europska normizacija

CEN

EN ISO 22476-1:2012/AC:2013

Geotechnical investigation and testing – Field testing – Part 1: Electrical cone and piezocone penetration test – Technical Corrigendum 1 (ISO 22476-1:2012/Cor 1:2013)

EN ISO 22476-4:2012

Geotechnical investigation and testing – Field testing – Part 4: Ménard pressuremeter test (ISO 22476-4:2012)

EN ISO 22476-5:2012

Geotechnical investigation and testing – Field testing – Part 5: Flexible dilatometer test (ISO 22476-5:2012)

EN ISO 22476-7:2012

Geotechnical investigation and testing – Field testing – Part 7: Borehole jack test (ISO 22476-7:2012)

Međunarodna normizacija

ISO

ISO 22476-1:2012/Cor 1:2013

Geotechnical investigation and testing – Field testing – Part 1: Electrical cone and piezocone penetration test; Technical Corrigendum 1

ISO 22476-4:2012

Geotechnical investigation and testing – Field testing – Part 4: Ménard pressuremeter test

ISO 22476-5:2012

Geotechnical investigation and testing – Field testing – Part 5: Flexible dilatometer test

ISO 22476-7:2012

Geotechnical investigation and testing – Field testing – Part 7: Borehole jack test

93.030 Vanjski kanalizacijski sustavi

Europska normizacija

CEN

EN 15383:2012

Plastics piping systems for drainage and sewerage – Glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) – Manholes and inspection chambers

93.080.10 Gradnja cesta

Međunarodna normizacija

ISO

ISO 16039:2004/Amd 1:2013

Road construction and maintenance equipment – Slipform pavers – Definitions and commercial specifications

ISO 22242:2005/Amd 1:2013

Road construction and road maintenance machinery and equipment – Basic types – Identification and description

93.080.20 Materijali za gradnju cesta

Europska normizacija

CEN

EN 1341:2012

Slabs of natural stone for external paving – Requirements and test methods

EN 1342:2012

Setts of natural stone for external paving – Requirements and test methods

EN 1343:2012

Kerbs of natural stone for external paving – Requirements and test methods

EN 12697-42:2012

Bituminous mixtures – Test methods for hot mix asphalt – Part 42: Amount of foreign matter in reclaimed asphalt

93.080.40 Rasvjeta ulica i srodna oprema

Europska normizacija

CEN

EN 16276:2013

Evacuation Lighting in Road Tunnels

93.140 Gradnja plovnih kanala i luka nasipa

Europska normizacija

CEN

EN ISO 13174:2012

Cathodic protection of harbour installations (ISO 13174:2012)

CEN/CENELEC

HD 60364-7-709:2009/A1:2012/AC:2012

Low-voltage electrical installations – Part 7-709: Requirements for special installations or locations – Marinas and similar locations

Međunarodna normizacija

ISO

ISO 13174:2012

Cathodic protection of harbour installations

97.030 Kućanski električni uređaji općenito

Europska normizacija

CENELEC

EN 50574:2012/AC:2012

Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons

EN 60704-1:2010/A11:2012

Household and similar electrical appliances – Test code for the determination of airborne noise – Part 1: General requirements

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Europska normizacija

CEN

EN 1860-1:2013

Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods

CENELEC

EN 60335-2-6:2003/A13:2013

Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances

97.040.30 Kućanski rashladni uređaji

Međunarodna normizacija

IEC

IEC 60704-2-14:2013

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers

97.080 Uređaji za čišćenje podova

Europska normizacija

CENELEC

EN 60335-2-54:2008/A11:2012

Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija

CEN

EN 13321-2:2012

Open Data Communication in Building Automation, Controls and Building Management – Home and Building Electronic Systems – Part 2: KNXnet/IP Communication

97.150 Netekstilni podni prekrivači

Europska normizacija

CEN

EN ISO 24342:2012/A1:2012

Resilient and textile floor-coverings – Determination of side length, edge straightness and squareness of tiles – Amendment 1 (ISO 24342:2007/Amd 1:2012)

Međunarodna normizacija

ISO

ISO 24342:2007/Amd 1:2012

Resilient and textile floor-coverings – Determination of side length, edge straightness and squareness of tiles; Amendment 1

97.170 Oprema za njegu tijela

Međunarodna normizacija

IEC

IEC 60335-2-8:2012

Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

97.190 Oprema za djecu

Europska normizacija

CEN/CENELEC

EN 16281:2013

Child protective products – Consumer fitted child resistant locking devices for windows and balcony doors – Safety requirements and test methods

CEN/CLC Guide 14:2009

Child Safety – Guidance for its Inclusion in Standards

CEN/TR 16446:2012

Textiles – Safety of children's clothing – Guidance on the use of EN 14682:2007 Cords and drawstrings on children's clothing – Specifications

97.200.10 Oprema za kazalište, scenu i studio

Europska normizacija

CEN

EN 13200-6:2012

Spectator facilities – Part 6 : Demountable (temporary) stands

97.220.10 Sportski objekti

Europska normizacija

CEN

EN 13200-6:2012

Spectator facilities – Part 6 : Demountable (temporary) stands