

Hrvatski zavod za norme

Oglasnik za normativne dokumente

1/2014 veljača, 2014.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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4 Obavijesti HZN-a

4.1	Cjenik hrvatskih norma	
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Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 80/2013) hrvatske norme priprema, izdaje i objavljuje Hrvatski zavod za norme, na prijedlog tehničkih odbora.

Hrvatske norme mogu nastati na ova četiri načina:

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

Oznaka načina prihvaćanja navedena je uz referencijsku oznaku hrvatske norme.

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

HZNTO 5, *Metalne cijevi i priključci*

- HRN EN 1591-1:2014 en pr
Prirubnice i njihovi spojevi – Pravila za projektiranje prirubničkih spojeva s kružnim prirubnicama i brtvljenjem – 1. dio: Proračun (EN 1591-1:2013)
Flanges and their joints – Design rules for gasketed circular flange connections – Part 1: Calculation (EN 1591-1:2013)

HZNTO 6, *Papir, karton i pulpe*

- HRI CEN/TR 15645-2:2008/Ispr.1:2014 en pr
Papir i karton koji dolaze u kontakt s prehrambenim proizvodima – Umjeravanje testa na neugodan okus – 2. dio: Masna hrana (CEN/TR 15645-2:2008/AC:2008)
Paper and board intended to come into contact with foodstuffs – Calibration of the off-flavour test – Part 2: Fatty food (CEN/TR 15645-2:2008/AC:2008)
- HRI CEN/TR 15645-3:2008/Ispr.1:2014 en pr
Papir i karton koji dolaze u kontakt s prehrambenim proizvodima – Umjeravanje testa na neugodan okus – 3. dio: Suha hrana (CEN/TR 15645-3:2008/AC:2008)
Paper and board intended to come into contact with foodstuffs – Calibration of the off-flavour test – Part 3: Dry food (CEN/TR 15645-3:2008/AC:2008)

HZNTO 21, *Protupožarna i vatrogasna oprema*

- HRN EN 14043:2014 en pr
Vozila visokog dosega za spašavanje i gašenje požara – Okretne ljestve s kombiniranim gibanjem – Zahtjevi za sigurnost i svojstva te metode ispitivanja (EN 14043:2014)
High rise aerial appliances for fire and rescue service use – Turntable ladders with combined movements – Safety and performance requirements and test methods (EN 14043:2014)
- HRN EN 14044:2014 en pr
Vozila visokog dosega za spašavanje i gašenje požara – Okretne ljestve sa sekvencijskim gibanjem – Zahtjevi za sigurnost i svojstva te metode ispitivanja (EN 14044:2014)
High rise aerial appliances for fire and rescue service use – Turntable ladders with sequential movements – Safety and performance requirements and test methods (EN 14044:2014)

HZNTO 23, *Traktori i strojevi za poljoprivredu i šumarstvo*

- HRN EN ISO 5395-1:2014 en pr
Oprema za vrtove i parkove – Sigurnosni zahtjevi za kosilice trave pogonjene motorom s unutrašnjim izgaranjem – 1. dio: Nazivlje i uobičajena ispitivanja (ISO 5395-1:2013; EN ISO 5395-1:2013)
Garden equipment – Safety requirements for combustion-engine-powered lawnmowers – Part 1: Terminology and common tests (ISO 5395-1:2013; EN ISO 5395-1:2013)
- HRN EN ISO 5395-3:2014 en pr
Oprema za vrtove i parkove – Sigurnosni zahtjevi za kosilice trave pogonjene motorom s unutrašnjim izgaranjem – 3. dio: Sjedeće kosilice trave s operaterom (ISO 5395-3:2013; EN ISO 5395-3:2013)
Garden equipment – Safety requirements for combustion-engine-powered lawnmowers – Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013; EN ISO 5395-3:2013)
- HRN EN ISO 10517:2010/A1:2014 en pr
Motorni čistači – Sigurnost (ISO 10517:2009/Amd 1:2013; EN ISO 10517:2009/A1:2013)
Powered hand-held hedge trimmers – Safety (ISO 10517:2009/Amd 1:2013; EN ISO 10517:2009/A1:2013)
- HRN EN 13683:2013/Ispr.1:2014 en pr
Oprema za vrtove i parkove – Sitnilice za odrezane grane – Sigurnost (EN 13683:2003+A2:2011/AC:2013)
Garden equipment – Integrally powered shredders/chippers – Safety (EN 13683:2003+A2:2011/AC:2013)
- HRN EN 13739-2:2012/Ispr.1:2014 en pr
Poljoprivredna mehanizacija – Rasipači čvrstoga mineralnog gnojiva i raspodjeljivači s punom širinom zahvata – Zaštita okoliša – 2. dio: Metode ispitivanja (EN 13739-2:2011/AC:2012)
Agricultural machinery – Solid fertilizer broadcasters and full width distributors – Environmental protection – Part 2: Test methods (EN 13739-2:2011/AC:2012)

HZNTO 25, *Ljevarstvo*

- HRN EN 1369:2014 en pr
Ljevarstvo – Ispitivanje magnetskim česticama (EN 1369:2012)
Founding – Magnetic particle testing (EN 1369:2012)

HZNTO 28, *Naftni proizvodi i maziva*

- HRN EN ISO 8311:2014 en pr
Pothlađeni ugljikovodici i ukapljena nemineralna plinovita goriva – Umjeravanje membranskih spremnika i samostojećih prizmatskih spremnika na brodovima – Ručne i unutarnje elektrooptičke metode mjerenja razmaka (ISO 8311:2013; EN ISO 8311:2013)
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 8311:2013; EN ISO 8311:2013)
- HRN EN 14214:2014 en/hr pr/na
Tekući naftni proizvodi – Metilni esteri masnih kiselina (FAME) za dizelske motore i grijanje – Zahtjevi i metode ispitivanja (EN 14214:2012+A1:2014)
Liquid petroleum products – Fatty acid methyl esters (FAME) for use in diesel engines and heating applications – Requirements and test methods (EN 14214:2012+A1:2014)

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

HRN EN ISO 20483:2014 en pr
Žitarice i mahunarke – Određivanje sadržaja dušika i proračun sadržaja sirovih proteina – Prema Kjeldahl metodi (ISO 20483:2013; EN ISO 20483:2013)
Cereals and pulses – Determination of the nitrogen content and calculation of the crude protein content – Kjeldahl method (ISO 20483:2013; EN ISO 20483:2013)

HZN/TO 34/PO 10, Poljoprivredni i prehrambeni proizvodi; Senzorske analize

HRN EN ISO 8586:2014 en pr
Senzorske analize – Opće upute za odabir, izobrazbu i praćenje odabranih ispitivača i stručnih senzorskih ispitivača (ISO 8586:2012; EN ISO 8586:2014)
Sensory analysis – General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors (ISO 8586:2012; EN ISO 8586:2014)

HZN/TO 35, Boje i lakovi

HRN EN ISO 16474-1:2014 en pr
Boje i lakovi – Metode izlaganja izvorima svjetla u laboratoriju – 1. dio: Opće upute (ISO 16474-1:2013; EN ISO 16474-1:2013)
Paints and varnishes – Methods of exposure to laboratory light sources – Part 1: General guidance (ISO 16474-1:2013; EN ISO 16474-1:2013)

HRN EN ISO 16474-2:2014 en pr
Boje i lakovi – Metode izlaganja izvorima svjetla u laboratoriju – 2. dio: Lučna svjetiljka sa ksenonom (ISO 16474-2:2013; EN ISO 16474-2:2013)
Paints and varnishes – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps (ISO 16474-2:2013; EN ISO 16474-2:2013)

HRN EN ISO 16474-3:2014 en pr
Boje i lakovi – Metode izlaganja izvorima svjetla u laboratoriju – 3. dio: Fluorescentne UV svjetiljke (ISO 16474-3:2013; EN ISO 16474-3:2013)
Paints and varnishes – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps (ISO 16474-3:2013; EN ISO 16474-3:2013)

HZN/TO 43, Akustika

HRN EN ISO 1680:2014 en pr
Akustika – Ispitna pravila za mjerenje zračne buke koju emitiraju rotacijski električni strojevi (ISO 1680:2013; EN ISO 1680:2013)
Acoustics – Test code for the measurement of airborne noise emitted by rotating electrical machines (ISO 1680:2013; EN ISO 1680:2013)

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 2553:2014 en pr
Zavarivanje i srodni postupci – Simboličko prikazivanje na crtežima – Zavareni spojevi (ISO 2553:2013; EN ISO 2553:2013)
Welding and allied processes – Symbolic representation on drawings – Welded joints (ISO 2553:2013; EN ISO 2553:2013)

HRN EN ISO 9455-16:2014 en pr
Talila za meko lemljenje – Metode ispitivanja – 16. dio: Ispitivanje učinkovitosti talila, metoda uravnoteženog vlaženja (ISO 9455-16:2013; EN ISO 9455-16:2013)
Soft soldering fluxes – Test methods – Part 16: Flux efficacy test, wetting balance method (ISO 9455-16:2013; EN ISO 9455-16:2013)

HRN EN ISO 9606-1:2014 en pr
Provjera osposobljenosti zavarivača – Zavarivanje taljenjem – 1. dio: Čelici (ISO 9606-1:2012, uključujući Cor 1:2012; EN ISO 9606-1:2013)
Qualification testing of welders – Fusion welding – Part 1: Steels (ISO 9606-1:2012, including Cor 1:2012; EN ISO 9606-1:2013)

HRN EN ISO 12932:2014 en pr
Zavarivanje – Hibridno zavarivanje čelika, nikla i legura nikla laserom i električnim lukom – Razine kvalitete s obzirom na nepravilnosti (ISO 12932:2013; EN ISO 12932:2013)
Welding – Laser-arc hybrid welding of steels, nickel and nickel alloys – Quality levels for imperfections (ISO 12932:2013; EN ISO 12932:2013)

HRN EN ISO 14271:2011/Ispr.1:2014 en pr
Elektrotopno zavarivanje – Ispitivanje tvrdoće prema Vickersu (malo opterećenje i mikrotvrdoća) elektrotopno zavarenih točkastih, bradavičastih i šavnih spojeva – Tehnički ispravak 1 (ISO 14271:2011/Cor 1:2012; EN ISO 14271:2011/AC:2012)
Resistance welding – Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds – Technical Corrigendum 1 (ISO 14271:2011/Cor 1:2012; EN ISO 14271:2011/AC:2012)

HRN EN ISO 14554-1:2014 en pr
Zahtjevi za kvalitetu zavarivanja – Elektrotopno zavarivanje metalnih materijala – 1. dio: Sveobuhvatni zahtjevi za kvalitetu (ISO 14554-1:2013; EN ISO 14554-1:2013)
Quality requirements for welding – Resistance welding of metallic materials – Part 1: Comprehensive quality requirements (ISO 14554-1:2013; EN ISO 14554-1:2013)

HRN EN ISO 14554-2:2014 en pr
Zahtjevi za kvalitetu zavarivanja – Elektrotopno zavarivanje metalnih materijala – 2. dio: Osnovni zahtjevi za kvalitetu (ISO 14554-2:2013; EN ISO 14554-2:2013)
Quality requirements for welding – Resistance welding of metallic materials – Part 2: Elementary quality requirements (ISO 14554-2:2013; EN ISO 14554-2:2013)

HRN EN ISO 14732:2014 en pr
Zavarivačko osoblje – Provjera osposobljenosti rukovatelja zavarivanja i podešavatelja uređaja za mehanizirano i automatizirano zavarivanje metalnih materijala (ISO 14732:2013; EN ISO 14732:2013)
Welding personnel – Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials (ISO 14732:2013; EN ISO 14732:2013)

HRS CEN ISO/TS 15011-6:2014 en pr
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Laboratorijska metoda za uzorkovanje dima i plinova – 6. dio: Postupak kvantitativnog određivanja dima i plinova kod elektrotopnog točkastog zavarivanja (ISO/TS 15011-6:2012+Cor 1:2012; CEN ISO/TS 15011-6:2012+AC:2012)
Health and safety in welding and allied processes – Laboratory method for sampling fume and gases – Part 6: Procedure for quantitative determination of fume and gases from resistance spot welding (ISO/TS 15011-6:2012+Cor 1:2012; CEN ISO/TS 15011-6:2012+AC:2012)

HRN EN ISO 15012-1:2014 en pr
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Oprema za odsisavanje i odvajanje dima pri zavarivanju – 1. dio: Zahtjevi za ispitivanje i označavanje učinkovitosti odvajanja (ISO 15012-1:2013; EN ISO 15012-1:2013)

Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 1: Requirements for testing and marking of separation efficiency (ISO 15012-1:2013; EN ISO 15012-1:2013)

- HRN EN ISO 15609-6:2014 en pr
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Specifikacija postupka zavarivanja – 6. dio: Hibridno zavarivanje laserom i električnim lukom (ISO 15609-6:2013; EN ISO 15609-6:2013)
Specification and qualification of welding procedures for metallic materials – Welding procedure specification – Part 6: Laser-arc hybrid welding (ISO 15609-6:2013; EN ISO 15609-6:2013)
- HRN EN ISO 15615:2014 en pr
Oprema za plinsko zavarivanje – Acetilenski razdjelni sustavi za zavarivanje, rezanje i srodne postupke – Sigurnosni zahtjevi za visokotlačne uređaje (ISO 15615:2013; EN ISO 15615:2013)
Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – Safety requirements in high-pressure devices (ISO 15615:2013; EN ISO 15615:2013)
- HRN EN ISO 17636-1:2014 en pr
Nerazorno ispitivanje zavarenih spojeva – Radiografsko ispitivanje – 1. dio: Tehnike snimanja rendgenom i izotopom primjenom filma (ISO 17636-1:2013; 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 17636-1:2013)
- HRN EN ISO 17636-2:2014 en pr
Nerazorno ispitivanje zavarenih spojeva – Radiografsko ispitivanje – 2. dio: Tehnike snimanja rendgenom i izotopom primjenom digitalnih detektora (ISO 17636-2:2013; 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; EN ISO 17636-2:2013)

HZN/TO 74, Cement i vapno

- HRN EN 197-2:2014 en pr
Cement – 2. dio: Vrednovanje sukladnosti (EN 197-2:2014)
Cement – Part 2: Conformity evaluation (EN 197-2:2014)

HZN/TO 92, Zaštita od požara

- HRN EN 1364-3:2014 en pr
Ispitivanje otpornosti nenosivih elemenata na požar – 3. dio: Ovješene fasade – Potpuna postava (cijeli sustav) (EN 1364-3:2014)
Fire resistance tests for non-loadbearing elements – Part 3: Curtain walling – Full configuration (complete assembly) (EN 1364-3:2014)
- HRN EN 1634-1:2014 en pr
Ispitivanje otpornosti na požar i kontrolu dima vrata i sklopova za zatvaranje, prozora koji se mogu otvoriti i elemenata zgrade – 1. dio: Ispitivanje otpornosti na požar vrata i sklopova za zatvaranje i prozora koji se mogu otvoriti (EN 1634-1:2014)
Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware – Part 1: Fire resistance test for door and shutter assemblies and openable windows (EN 1634-1:2014)
- HRN EN 15254-6:2014 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar – Nenosivi zidovi – 6. dio: Ovješene fasade (EN 15254-6:2014)

Extended application of results from fire resistance tests – Non-loadbearing walls – Part 6: Curtain walling (EN 15254-6:2014)

- HRS CEN/TS 16459:2014 en pr
Izloženost krovova i krovnih pokrova požaru izvana – EXAP Proširena primjena rezultata ispitivanja prema CEN/TS 1187 (CEN/TS 16459:2013)
External Fire Exposure of Roofs and Roof Coverings – EXAP Extended application of test results from CEN/TS 1187 (CEN/TS 16459:2013)

HZN/TO 135, Nerazorna ispitivanja

- HRN EN ISO 3452-2:2014 en pr
Nerazorno ispitivanje – Ispitivanje penetrantima – 2. dio: Ispitivanje penetrantnih materijala (ISO 3452-2:2013; EN ISO 3452-2:2013)
Non-destructive testing – Penetrant testing – Part 2: Testing of penetrant materials (ISO 3452-2:2013; EN ISO 3452-2:2013)
- HRN EN ISO 3452-3:2014 en pr
Nerazorno ispitivanje – Ispitivanje penetrantima – 3. dio: Referencijski etaloni (ISO 3452-3:2013; EN ISO 3452-3:2013)
Non-destructive testing – Penetrant testing – Part 3: Reference test blocks (ISO 3452-3:2013; EN ISO 3452-3:2013)
- HRN EN ISO 5579:2014 en pr
Nerazorno ispitivanje – Radiografsko ispitivanje metalnih materijala upotrebom filma i rendgenskog ili gama zračenja – Osnovna pravila (ISO 5579:2013; EN ISO 5579:2013)
Non-destructive testing – Radiographic testing of metallic materials using film and X- or gamma rays – Basic rules (ISO 5579:2013; EN ISO 5579:2013)
- HRN EN 14584:2014 en pr
Nerazorno ispitivanje – Akustička emisija – Ispitivanje metalne tlačne opreme tijekom njezina potvrđivanja – Položaj izvora AE na plohi (EN 14584:2013)
Non-destructive testing – Acoustic emission testing – Examination of metallic pressure equipment during proof testing – Planar location of AE sources (EN 14584:2013)
- HRN EN ISO 15548-1:2014 en pr
Nerazorno ispitivanje – Oprema za ispitivanje vrtložnim strujama – 1. dio: Karakteristike uređaja i njihova provjera (ISO 15548-1:2013; EN ISO 15548-1:2013)
Non-destructive testing – Equipment for eddy current examination – Part 1: Instrument characteristics and verification (ISO 15548-1:2013; EN ISO 15548-1:2013)
- HRN EN ISO 15548-2:2014 en pr
Nerazorno ispitivanje – Oprema za ispitivanje vrtložnim strujama – 2. dio: Karakteristike sondi i njihova provjera (ISO 15548-2:2013; EN ISO 15548-2:2013)
Non-destructive testing – Equipment for eddy current examination – Part 2: Probe characteristics and verification (ISO 15548-2:2013; EN ISO 15548-2:2013)

HZN/TO 136, Namještaj

- HRN EN 12720:2014 en pr
Namještaj – Procjena otpornosti površine prema hladnim tekućinama (EN 12720:2009+A1:2013)
Furniture – Assessment of surface resistance to cold liquids (EN 12720:2009+A1:2013)
- HRN EN 12721:2014 en pr
Namještaj – Procjena otpornosti površine prema toplini s vlagom (EN 12721:2009+A1:2013)
Furniture – Assessment of surface resistance to wet heat (EN 12721:2009+A1:2013)

HRN EN 12722:2014 en pr
Namještaj – Procjena otpornosti površine prema toplini bez vlage (EN 12722:2009+A1:2013)
Furniture – Assessment of surface resistance to dry heat (EN 12722:2009+A1:2013)

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

HRI CEN/TR 1046:2014 en pr
Plastični cijevni i kanalni sustavi – Sustav za transport vode ili otpadne vode izvan građevinske konstrukcije – Postupci za podzemno polaganje (CEN/TR 1046:2013)
Thermoplastics piping and ducting systems – Systems outside building structures for the conveyance of water or sewage – Practices for underground installation (CEN/TR 1046:2013)

HRS CEN/TS 14578:2014 en pr
Plastični cijevni sustavi za opskrbu vodom ili odvodnju i kanalizaciju – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) – Preporuke za ugradnju (CEN/TS 14578:2013)
Plastics piping systems for water supply or drainage and sewerage – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) – Recommended practice for installation (CEN/TS 14578:2013)

HRS CEN/TS 14807:2014 en pr
Plastični cijevni sustavi – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) – Smjernice za strukturnu analizu podzemnih GRP-UP cjevovoda (CEN/TS 14807:2013)
Plastics piping systems – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) – Guidance for the structural analysis of buried GRP-UP pipelines (CEN/TS 14807:2013)

HRN EN 15383:2014 en pr
Plastični cijevni sustavi za odvodnju i kanalizaciju – Staklom ojačana duromerna plastika (GRP) na osnovi poliestera (UP) – Kontrolna okna i kontrolne komore (EN 15383:2012+A1:2013)
Plastics piping systems for drainage and sewerage – Glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) – Manholes and inspection chambers (EN 15383:2012+A1:2013)

HZNTO 146, *Kvaliteta zraka*

HRN EN 1948-4:2014 en pr
Emisije iz stacionarnih izvora – Određivanje masene koncentracije PCDD/PCDF i PCB-a sličnih dioksinu – 4. dio: Uzorkovanje i analiza PCB-a sličnih dioksinu (EN 1948-4:2010+A1:2013)
Stationary source emissions – Determination of the mass concentration of PCDDs/PCDFs and dioxin-like PCBs – Part 4: Sampling and analysis of dioxin-like PCBs (EN 1948-4:2010+A1:2013)

HRN EN ISO 13137:2014 en pr
Atmosfera radnih prostora – Pumpe za osobno uzorkovanje kemijskih i bioloških agensa – Zahtjevi i metode ispitivanja (ISO 13137:2013; EN ISO 13137:2013)
Workplace atmospheres – Pumps for personal sampling of chemical and biological agents – Requirements and test methods (ISO 13137:2013; EN ISO 13137:2013)

HRN EN 13936:2014 en pr
Profesionalna izloženost – Postupci za mjerenje kemijskoga agensa prisutnog kao smjesa lebdećih čestica i para – Zahtjevi i metode ispitivanja (EN 13936:2014)

Workplace exposure – Procedures for measuring a chemical agent present as a mixture of airborne particles and vapour – Requirements and test methods (EN 13936:2014)

HRN EN 15051-1:2014 en pr
Profesionalna izloženost – Mjerenje prašnosti rastresitoga materijala – 1. dio: Zahtjevi i odabir metode ispitivanja (EN 15051-1:2013)
Workplace exposure – Measurement of the dustiness of bulk materials – Part 1: Requirements and choice of test methods (EN 15051-1:2013)

HRN EN 15051-2:2014 en pr
Profesionalna izloženost – Mjerenje prašnosti rastresitoga materijala – 2. dio: Metoda rotirajućega bubnja (EN 15051-2:2013)
Workplace exposure – Measurement of the dustiness of bulk materials – Part 2: Rotating drum method (EN 15051-2:2013)

HRN EN 15051-3:2014 en pr
Profesionalna izloženost – Mjerenje prašnosti rastresitoga materijala – 3. dio: Metoda kontinuiranoga pada (EN 15051-3:2013)
Workplace exposure – Measurement of the dustiness of bulk materials – Part 3: Continuous drop method (EN 15051-3:2013)

HRN EN 16339:2014 en pr
Vanjski zrak – Metoda za određivanje koncentracije dušikovog dioksida difuznim uzorkovanjem (EN 16339:2013)
Ambient air – Method for the determination of the concentration of nitrogen dioxide by diffusive sampling (EN 16339:2013)

HZNTO 147, *Kvaliteta vode*

HRN ISO 6107-2:2013/A1:2014 en pr
Kvaliteta vode – Terminološki rječnik – 2. dio (ISO 6107-2:2006/Amd 1:2012)
Water quality – Vocabulary – Part 2 (ISO 6107-2:2006/Amd 1:2012)

HZNTO 147/PO 7, *Kvaliteta vode; Mikrobiološka i biološka ispitivanja*

HRN EN ISO 16665:2014 en pr
Kvaliteta vode – Smjernice za kvantitativno uzorkovanje i obradu uzoraka morske makrofaune mekog dna (ISO 16665:2014; EN ISO 16665:2013)
Water quality – Guidelines for quantitative sampling and sample processing of marine soft-bottom macrofauna (ISO 16665:2014; EN ISO 16665:2013)

HZNTO 159, *Ergonomija*

HRN EN ISO 11064-4:2014 en pr
Ergonomski dizajn upravljačkih centara – 4. dio: Izgled i dimenzije mjesta rada (ISO 11064-4:2013; EN ISO 11064-4:2013)
Ergonomic design of control centres – Part 4: Layout and dimensions of workstations (ISO 11064-4:2013; EN ISO 11064-4:2013)

HZNTO 172, *Optika i optički instrumenti*

HRN EN ISO 8980-3:2014 en pr
Oftalmološka optika – Neoblikovane gotove naočalne leće – 3. dio: Specifikacije transmitancije i metode ispitivanja (ISO 8980-3:2013; EN ISO 8980-3:2013)
Ophthalmic optics – Uncut finished spectacle lenses – Part 3: Transmittance specifications and test methods (ISO 8980-3:2013; EN ISO 8980-3:2013)

- HRN EN ISO 9394:2014 en pr
Oftalmološka optika – Kontaktne leće i proizvodi za njegu kontaktnih leća – Utvrđivanje biološke podnošljivosti za oči proučavanjem na zečjim očima (ISO 9394:2012; EN ISO 9394:2012)
Ophthalmic optics – Contact lenses and contact lens care products – Determination of biocompatibility by ocular study with rabbit eyes (ISO 9394:2012; EN ISO 9394:2012)
- HRN ISO 9802:2004/Ispr.1:2014 en pr
Sirovo optičko staklo – Rječnik (ISO 9802:1996/Cor 1:2005)
Raw optical glass – Vocabulary (ISO 9802:1996/Cor 1:2005)
- HRN EN ISO 10341:2014 en pr
Oftalmološki instrumenti – Refraktorske glave (ISO 10341:2012; EN ISO 10341:2012)
Ophthalmic instruments – Refractor heads (ISO 10341:2012; EN ISO 10341:2012)
- HRN EN ISO 10685-1:2014 en pr
Oftalmološka optika – Označivanje okvira za naočale i sunčane naočale u elektroničkom katalogu – 1. dio: Označivanje i poredak proizvoda u elektroničkom katalogu (ISO 10685-1:2011; EN ISO 10685-1:2011)
Ophthalmic optics – Spectacle frames and sunglasses electronic catalogue and identification – Part 1: Product identification and electronic catalogue product hierarchy (ISO 10685-1:2011; EN ISO 10685-1:2011)
- HRN EN ISO 10685-2:2014 en pr
Oftalmološka optika – Označivanje okvira za naočale i sunčane naočale u elektroničkom katalogu – 2. dio: Trgovačke informacije (ISO 10685-2:2012; EN ISO 10685-2:2012)
Ophthalmic optics – Spectacle frames and sunglasses electronic catalogue and identification – Part 2: Commercial information (ISO 10685-2:2012; EN ISO 10685-2:2012)
- HRN EN ISO 10685-3:2014 en pr
Oftalmološka optika – Označivanje okvira za naočale i sunčane naočale u elektroničkom katalogu – 3. dio: Tehničke informacije (ISO 10685-3:2012; EN ISO 10685-3:2012)
Ophthalmic optics – Spectacle frames and sunglasses electronic catalogue and identification – Part 3: Technical information (ISO 10685-3:2012; EN ISO 10685-3:2012)
- HRN EN ISO 11979-1:2014 en pr
Oftalmološki implantanti – Intraokularne leće – 1. dio: Terminološki rječnik (ISO 11979-1:2012; EN ISO 11979-1:2012)
Ophthalmic implants – Intraocular lenses – Part 1: Vocabulary (ISO 11979-1:2012; EN ISO 11979-1:2012)
- HRN EN ISO 11979-3:2014 en pr
Oftalmološki implantanti – Intraokularne leće – 3. dio: Mehanička svojstva i metode ispitivanja (ISO 11979-3:2012; EN ISO 11979-3:2012)
Ophthalmic implants – Intraocular lenses – Part 3: Mechanical properties and test methods (ISO 11979-3:2012; EN ISO 11979-3:2012)
- HRN EN ISO 11979-4:2010/A1:2014 en pr
Oftalmološki implantanti – Intraokularne leće – 4. dio: Označivanje i informacije – Amandman 1 (ISO 11979-4:2008/Amd 1:2012; EN ISO 11979-4:2008/A1:2012)
Ophthalmic implants – Intraocular lenses – Part 4: Labelling and information – Amendment 1 (ISO 11979-4:2008/Amd 1:2012; EN ISO 11979-4:2008/A1:2012)
- HRN EN ISO 11987:2014 en pr
Optika i optički instrumenti – Kontaktne leće – Određivanje roka uporabe (ISO 11987:2012; EN ISO 11987:2012)
Optical optics – Contact lenses – Determination of shelf-life (ISO 11987:2012; EN ISO 11987:2012)
- HRN ISO 14132-2:2005/Ispr.1:2014 en pr
Optika i optički instrumenti – Rječnik naziva za dalekozorne sustave – 2. dio: Nazivlje za dvoglede, durbine i dalekozore na stalku (ISO 14132-2:2002/Cor 1:2006)
Optics and optical instruments – Vocabulary for telescopic systems – Part 2: Terms for binoculars, monoculars and spotting scopes (ISO 14132-2:2002/Cor 1:2006)
- HRN EN ISO 19980:2014 en pr
Oftalmološki instrumenti – Kornealni topograferi (ISO 19980:2012; EN ISO 19980:2012)
Ophthalmic instruments – Corneal topographers (ISO 19980:2012; EN ISO 19980:2012)
- HRN EN ISO 22665:2014 en pr
Oftalmološka optika i instrumenti – Instrumenti za mjerenje osnih udaljenosti u oku (ISO 22665:2012; EN ISO 22665:2012)
Ophthalmic optics and instruments – Instruments to measure axial distances in the eye (ISO 22665:2012; EN ISO 22665:2012)

HZN/TO 181, Sigurnost igračaka i proizvodi za djecu

- HRN EN 71-1:2014 en pr
Sigurnost igračaka – 1. dio: Mehanička i fizikalna svojstva (EN 71-1:2011+A2:2013)
Safety of toys – Part 1: Mechanical and physical properties (EN 71-1:2011+A2:2013)

HZN/TO 190, Kvaliteta tla

- HRN EN ISO 14238:2014 en pr
Kvaliteta tla – Biološke metode – Određivanje mineralizacije dušika i nitrifikacije u tlima i utjecaja kemikalija na ove procese (ISO 14238:2012; EN ISO 14238:2013)
Soil quality – Biological methods – Determination of nitrogen mineralization and nitrification in soils and the influence of chemicals on these processes (ISO 14238:2012; EN ISO 14238:2013)

HZN/TO 211, Geoinformacije/Geomatika

- HRN EN ISO 19156:2014 en pr
Geoinformacije – Promatranja i mjerenja (ISO 19156:2011; EN ISO 19156:2013)
Geographic information – Observations and measurements (ISO 19156:2011; EN ISO 19156:2013)
- HRN EN ISO 19157:2014 en pr
Geoinformacije – Kvaliteta podataka (ISO 19157:2013; EN ISO 19157:2013)
Geographic information – Data quality (ISO 19157:2013; EN ISO 19157:2013)

HZN/TO 215, Medicinska informatika

- HRN EN ISO 1828:2014 en pr
Medicinska informatika – Kategorijska struktura za sustave nazivlja kirurških postupaka (ISO 1828:2012; EN ISO 1828:2012)
Health informatics – Categorical structure for terminological systems of surgical procedures (ISO 1828:2012; EN ISO 1828:2012)

- HRN EN ISO 11073-10420:2014 en pr
Medicinska informatika – Povezivost osobnoga zdravstvenog uređaja – 10420. dio: Namjena uređaja – Analizator tjelesnog sastava (ISO 11073-10420:2012; EN ISO 11073-10420:2012)
Health informatics – Personal health device communication – Part 10420: Device specialization – Body composition analyzer (ISO 11073-10420:2012; EN ISO 11073-10420:2012)
- HRN EN ISO 11073-10421:2014 en pr
Medicinska informatika – Povezivost osobnoga zdravstvenog uređaja – 10421. dio: Namjena uređaja – Praćenje vršnog protoka zraka u izdisaju (ISO 11073-10421:2012; EN ISO 11073-10421:2012)
Health informatics – Personal health device communication – Part 10421: Device specialization – Peak expiratory flow monitor (peak flow) (ISO 11073-10421:2012; EN ISO 11073-10421:2012)
- HRN EN ISO 11073-10472:2014 en pr
Medicinska informatika – Povezivost osobnoga zdravstvenog uređaja – 10472. dio: Namjena uređaja – Uređaj za elektronički nadzor uzimanja lijekova (ISO 11073-10472:2012; EN ISO 11073-10472:2012)
Health Informatics – Personal health device communication – Part 10472: Device specialization – Medication monitor (ISO 11073-10472:2012; EN ISO 11073-10472:2012)
- HRN EN ISO 11073-30400:2014 en pr
Medicinska informatika – Povezivost medicinskog uređaja u trenutku liječenja – 30400. dio: Profil sučelja – Kablirani Ethernet (ISO 11073-30400:2012; EN ISO 11073-30400:2012)
Health informatics – Point-of-care medical device communication – Part 30400: Interface profile – Cabled Ethernet (ISO 11073-30400:2012; EN ISO 11073-30400:2012)
- HRN EN ISO 11238:2014 en pr
Medicinska informatika – Identifikacija medicinskih proizvoda – Podaci i strukture za jedinstvenu identifikaciju i razmjenu propisanih informacija o sastojcima (ISO 11238:2012; EN ISO 11238:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on substances (ISO 11238:2012; EN ISO 11238:2012)
- HRN EN ISO 11239:2014 en pr
Medicinska informatika – Identifikacija medicinskih proizvoda – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o farmaceutskome obliku lijeka, oblicima pakiranja i načinu primjene (ISO 11239:2012; EN ISO 11239:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging (ISO 11239:2012; EN ISO 11239:2012)
- HRN EN ISO 11240:2014 en pr
Medicinska informatika – Identifikacija medicinskih proizvoda – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu mjernih jedinica (ISO 11240:2012; EN ISO 11240:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of units of measurement (ISO 11240:2012; EN ISO 11240:2012)
- HRN EN ISO 11615:2014 en pr
Medicinska informatika – Identifikacija medicinskih proizvoda – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o medicinskim proizvodima (ISO 11615:2012; EN ISO 11615:2012)
- Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2012; EN ISO 11615:2012)
- HRN EN ISO 11616:2014 en pr
Medicinska informatika – Identifikacija medicinskih proizvoda – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o farmaceutskim proizvodima (ISO 11616:2012; EN ISO 11616:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated pharmaceutical product information (ISO 11616:2012; EN ISO 11616:2012)
- HRN EN ISO 13119:2014 en pr
Medicinska informatika – Izvori kliničkoga znanja – Metapodaci (ISO 13119:2012; EN ISO 13119:2012)
Health informatics – Clinical knowledge resources – Metadata (ISO 13119:2012; EN ISO 13119:2012)
- HRN EN ISO 13120:2014 en pr
Medicinska informatika – Sintaksa za prikaz sadržaja sustava razredbe u zdravstvenoj zaštiti – Jezik za označavanje razredbe (CiaML) (ISO 13120:2013; EN ISO 13120:2013)
Health informatics – Syntax to represent the content of healthcare classification systems – Classification Markup Language (CiaML) (ISO 13120:2013; EN ISO 13120:2013)
- HRN EN ISO 13606-1:2014 en pr
Medicinska informatika – Prijenos elektroničkoga medicinskog zapisa – 1. dio: Referentni model (ISO 13606-1:2008; EN ISO 13606-1:2012)
Health informatics – Electronic health record communication – Part 1: Reference model (ISO 13606-1:2008; EN ISO 13606-1:2012)
- HRN EN ISO 27789:2014 en pr
Medicinska informatika – Sljedovi audita za elektroničke zdravstvene zapise (ISO 27789:2013; EN ISO 27789:2013)
Health informatics – Audit trails for electronic health records (ISO 27789:2013; EN ISO 27789:2013)

HZN/TO 218, *Drvo*

- HRN EN 118:2014 en pr
Sredstva za zaštitu drva – Određivanje preventivnog djelovanja protiv Reticulitermes vrsta (Europskih termita) (laboratorijska metoda) (EN 118:2013)
Wood preservatives – Determination of preventive action against Reticulitermes species (European termites) (Laboratory method) (EN 118:2013)
- HRN EN 599-1:2014 en pr
Trajnost drva i proizvoda na osnovi drva – Učinkovitost sredstava za preventivnu zaštitu drva određenu biološkim ispitivanjima – 1. dio: Specifikacija u skladu s uporabnim razredom (EN 599-1:2009+A1:2013)
Durability of wood and wood-based products – Efficacy of preventive wood preservatives as determined by biological tests – Part 1: Specification according to use class (EN 599-1:2009+A1:2013)
- HRN EN 14076:2014 en pr
Drvena stubišta – Nazivlje (EN 14076:2013)
Timber stairs – Terminology (EN 14076:2013)

HZN/TO 219, *Podne obloge*

- HRN EN ISO 10581:2014 en pr
Elastične podne obloge – Homogene poli(vinil-kloridne) podne obloge – Specifikacija (ISO 10581:2011; EN ISO 10581:2013)
Resilient floor coverings – Homogeneous poly(vinyl chloride) floor covering – Specification (ISO 10581:2011; EN ISO 10581:2013)
- HRS CEN/TS 16354:2014 en pr
Laminatne podne obloge – Podслојеви – Specifikacije, zahtjevi i ispitne metode (CEN/TS 16354:2013)
Laminate floor coverings – Underlays – Specification, requirements and test methods (CEN/TS 16354:2013)

HZN/TO 221, *Geosintetici*

- HRN EN 13249:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu pri izgradnji cesta i ostalih prometnih površina (izuzimaju se željeznice i asfaltni sojevi) (EN 13249:2014)
Geotextiles and geotextile-related products – Characteristics required for use in the construction of roads and other trafficked areas (excluding railways and asphalt inclusion) (EN 13249:2014)
- HRN EN 13250:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu pri izgradnji željeznica (EN 13250:2014)
Geotextiles and geotextile-related products – Characteristics required for use in the construction of railways (EN 13250:2014)
- HRN EN 13251:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu pri izvođenju zemljanih radova, temelja i potpornih konstrukcija (EN 13251:2014)
Geotextiles and geotextile-related products – Characteristics required for use in earthworks, foundations and retaining structures (EN 13251:2014)
- HRN EN 13252:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu u drenažnim sustavima (EN 13252:2014)
Geotextiles and geotextile-related products – Characteristics required for use in drainage systems (EN 13252:2014)
- HRN EN 13253:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu u zaštiti od erozije (zaštita obale, obaloutvrde) (EN 13253:2014)
Geotextiles and geotextile-related products – Characteristics required for use in erosion control works (coastal protection, bank revetments) (EN 13253:2014)
- HRN EN 13254:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu pri izgradnji akumulacijskih jezera i brana (EN 13254:2014)
Geotextiles and geotextile-related products – Characteristics required for use in the construction of reservoirs and dams (EN 13254:2014)
- HRN EN 13255:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu pri izgradnji kanala (EN 13255:2014)
Geotextiles and geotextile-related products – Characteristics required for use in the construction of canals (EN 13255:2014)

- HRN EN 13257:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu u odlagalištima krutog otpada (EN 13257:2014)
Geotextiles and geotextile-related products – Characteristics required for use in solid waste disposals (EN 13257:2014)
- HRN EN 13265:2014 en pr
Geotekstili i proizvodi srodni s geotekstilom – Zahtijevana svojstva za uporabu u odlagalištima tekućeg otpada (EN 13265:2014)
Geotextiles and geotextile-related products – Characteristics required for use in liquid waste containment projects (EN 13265:2014)

HZN/TO 238, *Čvrsta biogoriva*

- HRN EN 14588:2014 hr,en pp
Čvrsta biogoriva – Nazivlje, definicije i opisi (EN 14588:2010)
Solid biofuels – Terminology, definitions and descriptions (EN 14588:2010)

HZN/TO 503, *Metalni materijali*

- HRN EN 485-2:2014 en pr
Aluminij i aluminijeve legure – Limovi, trake i ploče – 2. dio: Mehanička svojstva (EN 485-2:2013)
Aluminium and aluminium alloys – Sheet, strip and plate – Part 2: Mechanical properties (EN 485-2:2013)
- HRN EN 573-3:2014 en pr
Aluminij i aluminijeve legure – Kemijski sastav i oblik gnječanih proizvoda – 3. dio: Kemijski sastav i oblik proizvoda (EN 573-3:2013)
Aluminium and aluminium alloys – Chemical composition and form of wrought products – Part 3: Chemical composition and form of products (EN 573-3:2013)
- HRN EN ISO 1179-1:2014 en pr
Priključci za opću upotrebu i namjenu u hidraulici – Navojni otvori i navojni čepovi s navojima ISO 228-1 i s elastomernim brtvljenjem ili brtvljenjem metal na metal – 1. dio: Navojni otvori (ISO 1179-1:2013; EN ISO 1179-1:2013)
Connections for general use and fluid power – Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing – Part 1: Threaded ports (ISO 1179-1:2013; EN ISO 1179-1:2013)
- HRN EN ISO 1179-2:2014 en pr
Priključci za opću upotrebu i namjenu u hidraulici – Navojni otvori i navojni čepovi s navojima ISO 228-1 s elastomernim brtvljenjem ili brtvljenjem metal na metal – 2. dio: Navojni čepovi za teške uvjete rada (S niz) i lake uvjete rada (L niz) s elastomernim brtvljenjem (tip E) (ISO 1179-2:2013; EN ISO 1179-2:2013)
Connections for general use and fluid power – Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing – Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E) (ISO 1179-2:2013; EN ISO 1179-2:2013)
- HRN EN 1976:2014 en pr
Bakar i legure bakra – Lijevani negnječani proizvodi od bakra (EN 1976:2012)
Copper and copper alloys – Cast unwrought copper products (EN 1976:2012)
- HRN EN 1977:2014 en pr
Bakar i legure bakra – Bakar namijenjen vučenju (žica za vučenje) (EN 1977:2013)
Copper and copper alloys – Copper drawing stock (wire rod) (EN 1977:2013)

- HRN EN ISO 8492:2014 en pr
Metalni materijali – Cijev – Ispitivanje sploštavanjem (ISO 8492:2013; EN ISO 8492:2013)
Metallic materials – Tube – Flattening test (ISO 8492:2013; EN ISO 8492:2013)
- HRN EN ISO 8494:2014 en pr
Metalni materijali – Cijev – Ispitivanje zarubljanjem (ISO 8494:2013; EN ISO 8494:2013)
Metallic materials – Tube – Flanging test (ISO 8494:2013; EN ISO 8494:2013)
- HRN EN ISO 8495:2014 en pr
Metalni materijali – Cijev – Ispitivanje proširivanjem trnom (ISO 8495:2013; EN ISO 8495:2013)
Metallic materials – Tube – Ring-expanding test (ISO 8495:2013; EN ISO 8495:2013)
- HRN EN ISO 8496:2014 en pr
Metalni materijali – Cijev – Ispitivanje razvlačenjem prstena (ISO 8496:2013; EN ISO 8496:2013)
Metallic materials – Tube – Ring tensile test (ISO 8496:2013; EN ISO 8496:2013)
- HRN EN ISO 9513:2012/Ispr.1:2014 en pr
Metalni materijali – Umjeravanje ekstenzimetara koji se upotrebljavaju u jednoosnome ispitivanju (ISO 9513:2012/Cor 1:2013; EN ISO 9513:2012/AC:2013)
Metallic materials – Calibration of extensometer systems used in uniaxial testing (ISO 9513:2012/Cor 1:2013; EN ISO 9513:2012/AC:2013)
- HRN EN 10049:2014 en pr
Mjerenje srednje vrijednosti hrapavosti Ra i izračun najviše vrijednosti R_{Pc} na ravnim metalnim proizvodima (EN 10049:2013)
Measurement of roughness average Ra and peak count R_{Pc} on metallic flat products (EN 10049:2013)
- HRN EN 10071:2014 en pr
Kemijska analiza proizvoda na bazi željeza – Određivanje mangana u čelicima i željeznim lijevovima – Elektrometrijska titracijska metoda (EN 10071:2012)
Chemical analysis of ferrous products – Determination of manganese in steels and irons – Electrometric titration method (EN 10071:2012)
- HRN EN 10149-1:2014 en pr
Toplo valjani plosnati proizvodi od čelika s visokom granicom razvlačenja za hladno oblikovanje – 1. dio: Opći uvjeti isporuke (EN 10149-1:2013)
Hot rolled flat products made of high yield strength steels for cold forming – Part 1: General technical delivery conditions (EN 10149-1:2013)
- HRN EN 10149-2:2014 en pr
Toplo valjani plosnati proizvodi od čelika s visokom granicom razvlačenja za hladno oblikovanje – 2. dio: Uvjeti isporuke za termomehanički valjane čelike (EN 10149-2:2013)
Hot rolled flat products made of high yield strength steels for cold forming – Part 2: Technical delivery conditions for thermomechanically rolled steels (EN 10149-2:2013)
- HRN EN 10149-3:2014 en pr
Toplo valjani plosnati proizvodi od čelika s visokom granicom razvlačenja za hladno oblikovanje – 3. dio: Uvjeti isporuke za normalizirane ili normalizirane valjane čelike (EN 10149-3:2013)
Hot rolled flat products made of high yield strength steels for cold forming – Part 3: Technical delivery conditions for normalized or normalized rolled steels (EN 10149-3:2013)
- HRN EN 10152:2009/Ispr.1:2014 en pr
Elektrolitički pocinčani hladno valjani čelični plosnati proizvodi za hladno oblikovanje – Tehnički uvjeti isporuke (EN 10152:2009/AC:2011)
Electrolytically zinc coated cold rolled steel flat products for cold forming – Technical delivery conditions (EN 10152:2009/AC:2011)
- HRN EN 10200:2014 en pr
Kemijska analiza materijala na bazi željeza – Određivanje bora u čeliku – Spektrofotometrijska metoda (EN 10200:2012)
Chemical analysis of ferrous materials – Determination of boron in steels – Spectrophotometric method (EN 10200:2012)
- HRN EN 10209:2014 en pr
Hladno valjani čelični plosnati proizvodi od niskougljičnog čelika za staklasto emajliranje – Tehnički uvjeti isporuke (EN 10209:2013)
Cold rolled low carbon steel flat products for vitreous enamelling – Technical delivery conditions (EN 10209:2013)
- HRN EN 10211:2014 en pr
Kemijska analiza materijala na bazi željeza – Određivanje titana u čeliku i željeznom lijevu – Metoda plamene atomske apsorpcijske spektrometrije (EN 10211:2013)
Chemical analysis of ferrous materials – Determination of titanium in steels and cast irons – Flame atomic absorption spectrometric method (EN 10211:2013)
- HRN EN 10216-2:2014 en pr
Bešavne čelične cijevi za tlačne namjene – Tehnički uvjeti isporuke – 2. dio: Cijevi od nelegiranih i legiranih čelika s utvrđenim svojstvima pri povišenim temperaturama (EN 10216-2:2013)
Seamless steel tubes for pressure purposes – Technical delivery conditions – Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties (EN 10216-2:2013)
- HRN EN 10223-1:2014 en pr
Čelična žica i proizvodi od žice za ograde i mreže – 1. dio: Čelična bodljikava žica prevučena cinkom i legurom cinka (EN 10223-1:2012)
Steel wire and wire products for fencing and netting – Part 1: Zinc and zinc-alloy coated steel barbed wire (EN 10223-1:2012)
- HRN EN 10223-2:2014 en pr
Čelična žica i proizvodi od žice za ograde i mreže – 2. dio: Čelične mreže sa šesterokutnim otvorima za upotrebu u poljoprivredi, za odvajanje i ograđivanje (EN 10223-2:2012)
Steel wire and wire products for fencing and netting – Part 2: Hexagonal steel wire netting for agricultural, insulation and fencing purposes (EN 10223-2:2012)
- HRN EN 10223-3:2014 en pr
Čelična žica i proizvodi od žice za ograđivanje i omrežavanje – 3. dio: Mreže od čelične žice sa šesterokutnim otvorima za inženjersku namjenu (EN 10223-3:2013)
Steel wire and wire products for fencing and netting – Part 3: Hexagonal steel wire mesh products for civil engineering purposes (EN 10223-3:2013)
- HRN EN 10223-4:2014 en pr
Čelična žica i proizvodi od žice za ograde i mreže – 4. dio: Zavarene čelične mreže za ograde (EN 10223-4:2012)
Steel wire and wire products for fencing and netting – Part 4: Steel wire welded mesh fencing (EN 10223-4:2012)
- HRN EN 10223-5:2014 en pr
Čelična žica i proizvodi od žice za ograde i mreže – 5. dio: Zglobne i čvrne pletene čelične mreže za ograde (EN 10223-5:2012)
Steel wire and wire products for fencing and netting – Part 5: Steel wire woven hinged joint and knotted mesh fencing (EN 10223-5:2012)

- HRN EN 10223-6:2014 en pr
Čelična žica i proizvodi od žice za ograde i mreže – 6. dio: Lančano vezane čelične mreže za ograde (EN 10223-6:2012)
Steel wire and wire products for fencing and netting – Part 6: Steel wire chain link fencing (EN 10223-6:2012)
- HRN EN 10223-7:2014 en pr
Čelična žica i proizvodi od žice za ograde i mreže – 7. dio: Zavareni čelični paneli za ograde (EN 10223-7:2012)
Steel wire and wire products for fencing and netting – Part 7: Steel wire welded panels for fencing (EN 10223-7:2012)
- HRN EN 10223-8:2014 en pr
Čelična žica i proizvodi od žice za ograđivanje i omrežavanje – 8. dio: Zavarene mreže za potporni zid (gabion) (EN 10223-8:2013)
Steel wire and wire products for fencing and netting – Part 8: Welded mesh gabion products (EN 10223-8:2013)
- HRN EN 10244-1:2010/Ispr.1:2014 en pr
Čelična žica i žičani proizvodi – Neželjezne metalne prevlake na čeličnim žicama – 1. dio: Osnovna načela (EN 10244-1:2009/AC:2011)
Steel wire and wire products – Non-ferrous metallic coatings on steel wire – Part 1: General principles (EN 10244-1:2009/AC:2011)
- HRN EN 10268:2014 en pr
Hladno valjani čelični plosnati proizvodi s visokom granicom razvlačenja za hladno oblikovanje – Tehnički uvjeti isporuke (EN 10268:2006+A1:2013)
Cold rolled steel flat products with higher yield strength for cold forming – Technical delivery conditions (EN 10268:2006+A1:2013)
- HRN EN 10357:2014 en pr
Austenitne, austenitno-feritne i feritne uzdužno zavarene cijevi od nehrđajućeg čelika za prehrambenu i kemijsku industriju (EN 10357:2013)
Austenitic, austenitic-ferritic and ferritic longitudinally welded stainless steel tubes for the food and chemical industry (EN 10357:2013)
- HRN EN 12450:2014 en pr
Bakar i legure bakra – Bešavne okrugle bakrene kapilarne cijevi (EN 12450:2012)
Copper and copper alloys – Seamless, round copper capillary tubes (EN 12450:2012)
- HRS CEN/TS 13388:2014 en pr
Bakar i legure bakra – Sažeti prikaz sastava i proizvoda (CEN/TS 13388:2013)
Copper and copper alloys – Compendium of compositions and products (CEN/TS 13388:2013)
- HRN EN 13600:2014 en pr
Bakar i legure bakra – Bešavne bakrene cijevi za primjenu u elektrotehnici (EN 13600:2013)
Copper and copper alloys – Seamless copper tubes for electrical purposes (EN 13600:2013)
- HRN EN 13601:2014 en pr
Bakar i legure bakra – Bakrena vučena žica, šipka i žica za opću primjenu u elektrotehnici (EN 13601:2013)
Copper and copper alloys – Copper rod, bar and wire for general electrical purposes (EN 13601:2013)
- HRN EN 13602:2014 en pr
Bakar i legure bakra – Vučena okrugla bakrena žica za proizvodnju električnih vodiča (EN 13602:2013)
Copper and copper alloys – Drawn, round copper wire for the manufacture of electrical conductors (EN 13602:2013)
- HRN EN 13603:2014 en pr
Bakar i legure bakra – Metode ispitivanja za ocjenu zaštitnih kositrenih prevlaka na vučenoj okrugloj bakrenoj žici za primjenu u elektrotehnici (EN 13603:2013)
Copper and copper alloys – Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes (EN 13603:2013)
- HRN EN 13604:2014 en pr
Bakar i legure bakra – Poluvodički uređaji, elektroničke cijevi i vakuumska tehnika izrađeni od visokovodljivog bakra (EN 13604:2013)
Copper and copper alloys – Semiconductor devices, electronic and vacuum products made from high conductivity copper (EN 13604:2013)
- HRN EN 13605:2014 en pr
Bakar i legure bakra – Bakreni profili i profilirana žica za primjenu u elektrotehnici (EN 13605:2013)
Copper and copper alloys – Copper profiles and profiled wire for electrical purposes (EN 13605:2013)
- HRN EN 15616:2014 en pr
Bakar i legure bakra – Određivanje udjela kadmija – Metoda plamene atomske apsorpcijske spektrometrije (FAAS) (EN 15616:2012)
Copper and copper alloys – Determination of cadmium content – Flame atomic absorption spectrometric method (FAAS) (EN 15616:2012)
- HRN EN 16117-2:2014 en pr
Bakar i legure bakra – Određivanje udjela bakra – 2. dio: Elektrolitičko određivanje bakra u materijalima s udjelom bakra većim od 99,80 % (EN 16117-2:2012)
Copper and copper alloys – Determination of copper content – Part 2: Electrolytic determination of copper in materials with copper content higher than 99,80 % (EN 16117-2:2012)
- HRN EN ISO 20482:2014 en pr
Metalni materijali – Limovi i trake – Ispitivanje prema Erichsensu (ISO 20482:2013; EN ISO 20482:2013)
Metallic materials – Sheet and strip – Erichsen cupping test (ISO 20482:2013; EN ISO 20482:2013)

HZNTO 504, Korozija i zaštita metala i legura

- HRN EN ISO 7539-1:2014 en pr
Korozija metala i legura – Ispitivanje korozije uz naprezanje – 1. dio: Opće smjernice pri postupcima ispitivanja (ISO 7539-1:2012; 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 7539-1:2012)
- HRN EN ISO 9717:2014 en pr
Metalne i druge neorganske prevlake – Fosfatne konverzijske prevlake na metalima (ISO 9717:2010; EN ISO 9717:2013)
Metallic and other inorganic coatings – Phosphate conversion coating of metals (ISO 9717:2010; EN ISO 9717:2013)
- HRN EN 12496:2014 en pr
Galvanske anode za katodnu zaštitu u morskoj vodi i slanome mulju (EN 12496:2013)
Galvanic anodes for cathodic protection in seawater and saline mud (EN 12496:2013)
- HRN EN 16222:2014 en pr
Katodna zaštita brodskih trupova (EN 16222:2012)
Cathodic protection of ship hulls (EN 16222:2012)
- HRN EN 16299:2014 en pr
Katodna zaštita vanjskih površina podnica nadzemnih spremnika koje su u kontaktu s tlom ili temeljima (EN 16299:2013)
Cathodic protection of external surfaces of above ground storage tank bases in contact with soil or foundations (EN 16299:2013)

HRN EN ISO 28721-4:2014 en pr
Staklasti i porculanski emajli – Staklasto prevučeni aparati za procesnu industriju – 4. dio: Zahtjevi za kvalitetu za staklasto prevučene prirubničke čelične cijevi i prirubničke čelične spojne dijelove (ISO 28721-4:2010; 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; EN ISO 28721-4:2012)

HZN/TO 505, *Prijenos i distribucija plina*

HRN EN 12732:2014 en pr
Plinska infrastruktura – Zavarivanje čeličnih cijevi – Funkcionalni zahtjevi (EN 12732:2013)
Gas infrastructure – Welding steel pipework – Functional requirements (EN 12732:2013)

HRI CEN/TR 13737-1:2014 en pr
Uputa za primjenu funkcijskih norma koje je pripremio CEN/TC 234 Gas infrastructure – 1. dio: Općenito (CEN/TR 13737-1:2012)
Implementation Guide for functional standards prepared by CEN/TC 234 Gas infrastructure – Part 1: General (CEN/TR 13737-1:2012)

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

HRN EN ISO 13686:2014 en pr
Prirodni plin – Oznaka kvalitete (ISO 13686:2013; EN ISO 13686:2013)
Natural gas – Quality designation (ISO 13686:2013; EN ISO 13686:2013)

HRN EN ISO 13734:2014 en pr
Prirodni plin – Organske komponente upotrijebljene kao odoranti – Zahtjevi i metode ispitivanja (ISO 13734:2013; EN ISO 13734:2013)
Natural gas – Organic components used as odorants – Requirements and test methods (ISO 13734:2013; EN ISO 13734:2013)

HRN EN ISO 14998:2014 en pr
Industrija nafte i prirodnoga plina – Oprema za bušenje – Završni pribor (ISO 14998:2013; EN ISO 14998:2013)
Petroleum and natural gas industries – Downhole equipment – Completion accessories (ISO 14998:2013; EN ISO 14998:2013)

HRN EN ISO 19900:2014 en pr
Industrija nafte i prirodnoga plina – Opći zahtjevi za odobalne objekte (ISO 19900:2013; EN ISO 19900:2013)
Petroleum and natural gas industries – General requirements for offshore structures (ISO 19900:2013; EN ISO 19900:2013)

HRN EN ISO 19901-6:2010/Ispr.1:2014 en pr
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne objekte – 6. dio: Operacije na moru – Tehnički ispravak 1 (ISO 19901-6:2009/Cor 1:2011; EN ISO 19901-6:2009/AC:2011)
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 6: Marine operations – Technical Corrigendum 1 (ISO 19901-6:2009/Cor 1:2011; EN ISO 19901-6:2009/AC:2011)

HRN EN ISO 19901-7:2014 en pr
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne objekte – 7. dio: Sustavi održavanja pozicije plutajućih odobalnih objekata i pokretnih odobalnih jedinica (ISO 19901-7:2013; EN ISO 19901-7:2013)

Petroleum and natural gas industries – Specific requirements for offshore structures – Part 7: Stationkeeping systems for floating offshore structures and mobile offshore units (ISO 19901-7:2013; EN ISO 19901-7:2013)

HRN EN ISO 19902:2008/A1:2014 en pr
Industrija nafte i prirodnoga plina – Stabilni čelični odobalni objekti (ISO 19902:2007/Amd 1:2013; EN ISO 19902:2007/A1:2013)
Petroleum and natural gas industries – Fixed steel offshore structures (ISO 19902:2007/Amd 1:2013; EN ISO 19902:2007/A1:2013)

HZN/TO 513, *Mjerne jedinice i mjerila*

HRN EN 834:2014 en pr
Razdjelnici troškova za utvrđivanje potrošnje radijatora za grijanje prostorija – Uređaji s napajanjem električnom energijom (EN 834:2013)
Heat cost allocators for the determination of the consumption of room heating radiators – Appliances with electrical energy supply (EN 834:2013)

HZN/TO 518, *Podovi, stropovi i zidne obloge*

HRN EN 12229:2014 en pr
Površine sportskih terena – Način izradbe ispitnih uzoraka od sintetičke trave i tekstilnih obloga izrađenih iglom (EN 12229:2014)
Surfaces for sports areas – Procedure for the preparation of synthetic turf and needle-punch test pieces (EN 12229:2014)

HRN EN 13279-2:2014 en pr
Veziva i žbuke na osnovi gipsa – 2. dio: Metode ispitivanja (EN 13279-2:2014)
Gypsum binders and gypsum plasters – Part 2: Test methods (EN 13279-2:2014)

HRN EN 15306:2014 en pr
Površine vanjskih sportskih terena – Izlaganje sintetičke travnate podloge simuliranom trošenju (EN 15306:2014)
Surfaces for outdoor sports areas – Exposure of synthetic turf to simulated wear (EN 15306:2014)

HZN/TO 519, *Adhezivi*

HRN EN 13999-1:2014 en pr
Adhezivi – Kratkotrajne metode za mjerenje svojstava emisije adheziva s niskim udjelom otapala ili adheziva bez otapala nakon primjene – 1. dio: Opći postupak (EN 13999-1:2013)
Adhesives – Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application – Part 1: General procedure (EN 13999-1:2013)

HRN EN 13999-2:2014 en pr
Adhezivi – Kratkotrajne metode za mjerenje svojstava emisije adheziva s niskim udjelom otapala ili adheziva bez otapala nakon primjene – 2. dio: Određivanje hlapljivih organskih spojeva (EN 13999-2:2013)
Adhesives – Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application – Part 2: Determination of volatile organic compounds (EN 13999-2:2013)

HZN/TO 522, *Karakterizacija i zbrinjavanje otpada*

HRN EN 13071-1:2008/Ispr.1:2014 en pr
Stalni spremnici za otpad do 5 000 l koji se podižu i prazne kroz dno – 1. dio: Opći zahtjevi (EN 13071-1:2008/AC:2010)
Stationary waste containers up to 5 000 l, top lifted and bottom emptied – Part 1: General requirements (EN 13071-1:2008/AC:2010)

- HRN EN 13071-2:2014 en pr
Stalni spremnici za otpad do 5 000 l koji se podižu i prazne kroz dno – 2. dio: Dodatni zahtjevi za podzemne i djelomice podzemne sustave (EN 13071-2:2008+A1:2013)
Stationary waste containers up to 5 000 l, top lifted and bottom emptied – Part 2: Additional requirements for underground or partly underground systems (EN 13071-2:2008+A1:2013)
- HRN EN 15875:2012/Ispr.1:2014 en pr
Karakterizacija otpada – Statički test za određivanje kiselinskog potencijala i neutralizacijskog potencijala sulfidnog otpada (EN 15875:2011/AC:2012)
Characterization of waste – Static test for determination of acid potential and neutralisation potential of sulfidic waste (EN 15875:2011/AC:2012)
- HRS CEN/TS 16023:2014 en pr
Karakterizacija otpada – Određivanje ukupne ogrjevne vrijednosti i izračun neto ogrjevne vrijednosti (CEN/TS 16023:2013)
Characterization of waste – Determination of gross calorific value and calculation of net calorific value (CEN/TS 16023:2013)

HZN/TO 524, *Cestovni prijevoz i prometna telematika*

- HRS CEN ISO/TS 13140-1:2014 en pr
Elektronička naplata – Procjena opreme u vozilu i na prometnici za utvrđivanje sukladnosti s ISO/TS 13141 – 1. dio: Struktura ispitnog paketa i svrhe ispitivanja (ISO/TS 13140-1:2011; CEN ISO/TS 13140-1:2011)
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to ISO/TS 13141 – Part 1: Test suite structure and test purposes (ISO/TS 13140-1:2011; CEN ISO/TS 13140-1:2011)
- HRS CEN ISO/TS 13143-1:2014 en pr
Elektronička naplata – Procjena opreme u vozilu i na prometnici za utvrđivanje sukladnosti s ISO/TS 12813 – 1. dio: Struktura ispitnog paketa i svrhe ispitivanja (ISO/TS 13143-1:2011; CEN ISO/TS 13143-1:2011)
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to ISO/TS 12813 – Part 1: Test suite structure and test purposes (ISO/TS 13143-1:2011; CEN ISO/TS 13143-1:2011)
- HRS CEN/TS 13149-8:2014 en pr
Javni prijevoz – Raspored vožnje cestovnih vozila i kontrolni sustavi – 8. dio: Fizički sloj za IP komunikaciju (CEN/TS 13149-8:2013)
Public transport – Road vehicle scheduling and control systems – Part 8: Physical layer for IP communication (CEN/TS 13149-8:2013)
- HRN EN ISO 14819-1:2014 en pr
Inteligentni transportni sustavi – Informativne poruke o prometu i putovanju u sustavu kodiranja prometnih informacija – 1. dio: Protokol za kodiranje u sustavu prijenosa podataka putem radija – Uporaba ALERT-C u kanalu za prijenos podataka o prometu (RDS-TMC) (ISO 14819-1:2013; EN ISO 14819-1:2013)
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 1: Coding protocol for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-1:2013; EN ISO 14819-1:2013)
- HRN EN ISO 14819-2:2014 en pr
Inteligentni transportni sustavi – Informativne poruke o prometu i putovanju u sustavu kodiranja prometnih informacija – 2. dio: Kodovi za događaje i informacije u sustavu prijenosa podataka putem radija – Uporaba ALERT-C u kanalu za prijenos podataka o prometu (RDS-TMC) (ISO 14819-2:2013; EN ISO 14819-2:2013)

- Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 2: Event and information codes for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2013; EN ISO 14819-2:2013)
- HRN EN ISO 14819-3:2014 en pr
Inteligentni transportni sustavi – Informativne poruke o prometu i putovanju u sustavu kodiranja prometnih informacija – 3. dio: Određivanje lokacije u sustavu prijenosa podataka putem radija – Uporaba ALERT-C u kanalu za prijenos podataka o prometu (RDS-TMC) (ISO 14819-3:2013; EN ISO 14819-3:2013)
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 3: Location referencing for Radio Data System – Traffic message Channel (RDS-TMC) using ALERT-C (ISO 14819-3:2013; EN ISO 14819-3:2013)
- HRN ISO 15623:2014 en pr
Inteligentni transportni sustavi – Sustav upozorenja od naleta vozila – Zahtijevane značajke i ispitni postupci (ISO 15623:2013)
Intelligent transport systems – Forward vehicle collision warning systems – Performance requirements and test procedures (ISO 15623:2013)
- HRI CEN/TR 16092:2014 en pr
Elektronička naplata – Zahtjevi za sustav plaćanja unaprijed (CEN/TR 16092:2011)
Electronic fee collection – Requirements for pre-payment systems (CEN/TR 16092:2011)
- HRI CEN/TR 16152:2014 en pr
Elektronička naplata – Individualizacija i ugradnja opreme za prvu ugradnju u vozilu (CEN/TR 16152:2011)
Electronic fee collection – Personalisation and mounting of first mount OBE (CEN/TR 16152:2011)
- HRN EN ISO 17263:2012/Ispr.1:2014 en pr
Inteligentni transportni sustavi – Automatska identifikacija vozila i opreme – Parametri sustava – Tehnički ispravak 1 (ISO 17263:2012/Cor 1:2013; EN ISO 17263:2012/AC:2013)
Intelligent transport systems – Automatic vehicle and equipment identification – System parameters – Technical Corrigendum 1 (ISO 17263:2012/Cor 1:2013; EN ISO 17263:2012/AC:2013)
- HRS CEN ISO/TS 17444-2:2014 en pr
Elektronička naplata – Značajke naplaćivanja – 2. dio: Ispitni okvir (ISO/TS 17444-2:2013; CEN ISO/TS 17444-2:2013)
Electronic fee collection – Charging performance – Part 2: Examination Framework (ISO/TS 17444-2:2013; CEN ISO/TS 17444-2:2013)
- HRS CEN ISO/TS 18234-1:2014 en pr
Inteligentni transportni sustavi – Informacije o prometu i putovanju kroz protokol ekspertne skupine za transport, generacija 1 (TPEG1) binarni format podataka – 1. dio: Uvod, numeriranje i verzije (TPEG1-INV) (ISO/TS 18234-1:2013; CEN ISO/TS 18234-1:2013)
Intelligent transport systems – Traffic and travel information via transport protocol experts group, generation 1 (TPEG1) binary data format – Part 1: Introduction, numbering and versions (TPEG1-INV) (ISO/TS 18234-1:2013; CEN ISO/TS 18234-1:2013)
- HRS CEN ISO/TS 18234-2:2014 en pr
Inteligentni transportni sustavi – Informacije o prometnu i putovanju kroz protokol ekspertne skupine za transport, generacija 1 (TPEG1) binarni format podataka – 2. dio: Sintaksa, semantika i okvirna struktura (TPEG1-SSF) (ISO/TS 18234-2:2013; CEN ISO/TS 18234-2:2013)

Intelligent transport systems – Traffic and travel information via transport protocol experts group, generation 1 (TPEG1) binary data format – Part 2: Syntax, semantics and framing structure (TPEG1-SSF) (ISO/TS 18234-2:2013; CEN ISO/TS 18234-2:2013)

HRS CEN ISO/TS 18234-7:2014 en pr
Inteligentni transportni sustavi – Informacije o prometu i putovanju kroz protokol ekspertne skupine za transport, generacija 1 (TPEG1) binarni format podataka – 7. dio: Informacija o parkiranju (TPEG1-PKI) (ISO/TS 18234-7:2013; CEN ISO/TS 18234-7:2013)
Intelligent transport systems – Traffic and travel information via transport protocol experts group, generation 1 (TPEG1) binary data format – Part 7: Parking information (TPEG1-PKI) (ISO/TS 18234-7:2013; CEN ISO/TS 18234-7:2013)

HRS CEN ISO/TS 18234-9:2014 en pr
Inteligentni transportni sustavi – Informacije o prometu i putovanju kroz protokol ekspertne skupine za transport, generacija 1 (TPEG1) binarni format podataka – 9. dio: Događanja u prometu (ISO/TS 18234-9:2013; CEN ISO/TS 18234-9:2013)
Intelligent transport systems – Traffic and travel information via transport protocol experts group, generation 1 (TPEG1) binary data format – Part 9: Traffic event compact (TPEG1-TEC) (ISO/TS 18234-9:2013; CEN ISO/TS 18234-9:2013)

HRS CEN ISO/TS 18234-10:2014 en pr
Inteligentni transportni sustavi – Informacije o prometu i putovanju kroz protokol ekspertne skupine za transport, generacija 1 (TPEG1) binarni format podataka – 10. dio: Uvjetovani pristup informaciji (TPEG1-CAI) (ISO/TS 18234-10:2013; CEN ISO/TS 18234-10:2013)
Intelligent transport systems – Traffic and travel information via transport protocol experts group, generation 1 (TPEG1) binary data format – Part 10: Conditional access information (TPEG1-CAI) (ISO/TS 18234-10:2013; CEN ISO/TS 18234-10:2013)

HRI CEN ISO/TR 24014-2:2014 en pr
Javni prijevoz – Interoperabilan sustav upravljanja naplatom – 2. dio: Poslovna praksa (ISO/TR 24014-2:2013; CEN ISO/TR 24014-2:2013)
Public transport – Interoperable fare management system – Part 2: Business practices (ISO/TR 24014-2:2013; CEN ISO/TR 24014-2:2013)

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

HRN EN 16240:2014 en pr
Prozirne ravne krute polikarbonatne ploče (PC) za unutarnju i vanjsku uporabu na krovovima, zidovima i stropovima – Zahtjevi i metode ispitivanja (EN 16240:2013)
Light transmitting flat solid polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings – Requirements and test methods (EN 16240:2013)

HRI CEN/TR 16625:2014 en pr
Savijljive hidroizolacijske trake – Statistička definicija granične vrijednosti i objavljene vrijednosti proizvođača (MLV i MDV) – 95 % statistički (CEN/TR 16625:2013)
Flexible sheets for waterproofing – Statistical definition of manufacturer's limiting value and declared value (MLV and MDV) – 95% Statistic (CEN/TR 16625:2013)

HZN/TO 528, Oprema za željeznice

HRN EN 13802:2014 en pr
Oprema za željeznice – Elementi ovjesa – Hidraulički amortizeri (EN 13802:2013)
Railway applications – Suspension components – Hydraulic dampers (EN 13802:2013)

HRN EN 14067-4:2014 en pr
Oprema za željeznice – Aerodinamika – 4. dio: Zahtjevi i ispitni postupci za aerodinamiku na otvorenoj pruzi (EN 14067-4:2013)
Railway applications – Aerodynamics – Part 4: Requirements and test procedures for aerodynamics on open track (EN 14067-4:2013)

HRN EN 16362:2014 en pr
Oprema za željeznice – Stationarna prateća služba – Oprema za nadopunu vode (EN 16362:2013)
Railway applications – Ground based services – Water restocking equipment (EN 16362:2013)

HZN/TO 531, Plastika i guma

HRN EN ISO 15791-1:2014 en pr
Plastika – Razvoj i uporaba ispitivanja gorivosti plastičnih proizvoda u srednjim uvjetima gorenja – 1. dio: Opće upute (ISO 15791-1:2014; EN ISO 15791-1:2014)
Plastics – Development and use of intermediate-scale fire tests for plastics products – Part 1: General guidance (ISO 15791-1:2013; EN ISO 15791-1:2013)

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-41:2014 en pr
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 41. dio: Otpornost na tekućine za odleđivanje (EN 12697-41:2013)
Bituminous mixtures – Test methods for hot mix asphalt – Part 41: Resistance to de-icing fluids (EN 12697-41:2013)

HRN EN 12697-49:2014 en pr
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 49. dio: Određivanje trenja nakon poliranja (EN 12697-49:2014)
Bituminous mixtures – Test methods for hot mix asphalt – Part 49: Determination of friction after polishing (EN 12697-49:2014)

HZN/TO 534, Spremnici za teret

HRN EN 13083:2014 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Spojka za punjenje i pražnjenje s dna (EN 13083:2008+A1:2013)
Tanks for transport of dangerous goods – Service equipment for tanks – Adaptor for bottom loading and unloading (EN 13083:2008+A1:2013)

HRN EN 14116:2014 en pr
Spremnici za prijevoz opasnih tvari – Digitalno sučelje uređaja za prepoznavanje proizvoda za tekuća goriva (EN 14116:2012)
Tanks for transport of dangerous goods – Digital interface for product recognition devices for liquid fuels (EN 14116:2012)

HRN EN 14564:2014 en pr
Spremnici za prijevoz opasnih tvari – Nazivlje (EN 14564:2013)
Tanks for transport of dangerous goods – Terminology (EN 14564:2013)

HZN/TO 535, *Agregati*

HRN EN 1097-9:2014 en pr
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 9. dio: Određivanje otpornosti na habanje abrazijom gumama s čavlima – Nordijsko ispitivanje (EN 1097-9:2014)
Tests for mechanical and physical properties of aggregates – Part 9: Determination of the resistance to wear by abrasion from studded tyres – Nordic test (EN 1097-9:2014)

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

HRN EN 15683-2:2014 en pr
Staklo u graditeljstvu – Termički kaljeno natrij-kalcij-silikatno sigurnosno U-staklo – 2. dio: Vrednovanje sukladnosti/norma za proizvod (EN 15683-2:2013)
Glass in building – Thermally toughened soda lime silicate channel shaped safety glass – Part 2: Evaluation of conformity/Product standard (EN 15683-2:2013)

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

HRN EN ISO 10360-8:2014 en pr
Geometrijske specifikacije proizvoda (GSP) – Testovi za prihvatljivost i naknadnu provjeru trokoordinatnih mjernih uređaja (TMU) – 8. dio: TMU-ovi opremljeni optičkim senzorima udaljenosti (ISO 10360-8:2013; EN ISO 10360-8:2013)
Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 8: CMMs with optical distance sensors (ISO 10360-8:2013; EN ISO 10360-8:2013)

HRN EN ISO 10360-9:2014 en pr
Geometrijske specifikacije proizvoda (GSP) – Testovi za prihvatljivost i naknadnu provjeru trokoordinatnih mjernih uređaja (TMU) – 9. dio: TMU-ovi opremljeni sustavom mnogostrukih ticala (ISO 10360-9:2013; EN ISO 10360-9:2013)
Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 9: CMMs with multiple probing systems (ISO 10360-9:2013; EN ISO 10360-9:2013)

HRN EN ISO 10628-2:2014 en pr
Shema za kemijsku i petrokemijsku industriju – 2. dio: Grafički simboli (ISO 10628-2:2012; EN ISO 10628-2:2012)
Diagrams for the chemical and petrochemical industry – Part 2: Graphical symbols (ISO 10628-2:2012; EN ISO 10628-2:2012)

HRN EN ISO 14253-2:2012/Ispr.1:2014 en pr
Geometrijske specifikacije proizvoda (GSP) – Ispitivanje mjerenjem izradaka i mjerne opreme – 2. dio: Smjernice za procjenu nesigurnosti pri mjerenju GSP-a, pri umjeravanju mjerne opreme i potvrđivanju proizvoda – Tehnički ispravak 1 (ISO 14253-2:2011/Cor 1:2013; EN ISO 14253-2:2011/AC:2013)
Geometrical product specifications (GPS) – Inspection by measurement of workpieces and measuring equipment – Part 2: Guidance for the estimation of uncertainty in GPS measurement, in calibration of measuring equipment and in product verification – Technical Corrigendum 1 (ISO 14253-2:2011/Cor 1:2013; EN ISO 14253-2:2011/AC:2013)

HRN EN ISO 14405-2:2014 en pr
Geometrijske specifikacije proizvoda (GSP) – Tolerancije dimenzija – 2. dio: Dimenzije koje nisu duljinske (ISO 14405-2:2011; EN ISO 14405-2:2011)
Geometrical product specifications (GPS) – Dimensional tolerancing – Part 2: Dimensions other than linear sizes (ISO 14405-2:2011; EN ISO 14405-2:2011)

HZN/TO 548, *Konstruktivski eurokodovi*

HRN EN 1991-1-2:2012/Ispr.1:2014 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-2: Opća djelovanja – Djelovanja na konstrukcije izložene požaru (EN 1991-1-2:2002/AC:2013)
Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire (EN 1991-1-2:2002/AC:2013)

HRN EN 1991-1-6:2012/Ispr.1:2014 hr pp
Eurokod 1: Djelovanja na konstrukcije – Dio 1-6: Opća djelovanja – Djelovanja tijekom izvedbe (EN 1991-1-6:2005/AC:2013)
Eurocode 1: Actions on structures – Part 1-6: General actions – Actions during execution (EN 1991-1-6:2005/AC:2013)

HRN EN 1991-3:2012/Ispr.1:2014 hr pp
Eurokod 1: Djelovanja na konstrukcije – 3. dio: Djelovanja prouzročena kranovima i strojevima (EN 1991-3:2006/AC:2012)
Eurocode 1: Actions on structures – Part 3: Actions induced by cranes and machinery (EN 1991-3:2006/AC:2012)

HRN EN 1991-4:2012/Ispr.1:2014 hr pp
Eurokod 1: Djelovanja na konstrukcije – 4. dio: Silosi i spremnici tekućina (EN 1991-4:2006/AC:2012)
Eurocode 1: Actions on structures – Part 4: Silos and tanks (EN 1991-4:2006/AC:2012)

HRN EN 1993-1-10:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva po debljini (EN 1993-1-10:2005+AC:2009)
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (EN 1993-1-10:2005+AC:2009)

HRN EN 1993-1-10:2014/NA:2014 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 1993-1-11:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-11: Proračun konstrukcija s vlačnim dijelovima (EN 1993-1-11:2006+AC:2009)
Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components (EN 1993-1-11:2006+AC:2009)

HRN EN 1993-1-11:2014/NA:2014 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 1993-1-1:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade (EN 1993-1-1:2005+AC:2009)
Eurocode 3: Design of steel structures – Part 1-1: General rules and rules for buildings (EN 1993-1-1:2005+AC:2009)

- HRN EN 1993-1-1:2014/NA:2014 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 1993-1-12:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio
1-12: Dodatna pravila za proširenje norme EN 1993
na čelike do kvalitete S700
(EN 1993-1-12:2007+AC:2009)
Eurocode 3: Design of steel structures – Part 1-12:
Additional rules for the extension of EN 1993 up to
steel grades S 700 (EN 1993-1-12:2007+AC:2009)
- HRN EN 1993-1-12:2014/NA:2014 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 1993-1-2:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-2: Opća pravila – Proračun konstrukcija na
djelovanje požara (EN 1993-1-2:2005+AC:2009)
Eurocode 3: Design of steel structures – Part 1-2:
General rules – Structural fire design
(EN 1993-1-2:2005+AC:2009)
- HRN EN 1993-1-2:2014/NA:2014 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 1993-1-3:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija
– Dio 1-3: Opća pravila – Dodatna pravila za
hladno oblikovane elemente i limove (EN 1993-1-
3:2006+AC:2009)
Eurocode 3: Design of steel structures – Part 1-3:
General rules – Supplementary rules for cold-formed
members and sheeting (EN 1993-1-3:2006+AC:2009)
- HRN EN 1993-1-3:2014/NA:2014 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 1993-1-4:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-4: Opća pravila – Dodatna pravila za nehrđajuće
čelike (EN 1993-1-4:2006)
Eurocode 3: Design of steel structures – Part 1-4:
General rules – Supplementary rules for stainless
steels (EN 1993-1-4:2006)
- HRN EN 1993-1-4:2014/NA:2014 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 1993-1-5:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-5: Pločasti konstrukcijski elementi
(EN 1993-1-5:2006+AC:2009)
Eurocode 3: Design of steel structures – Part 1-5:
Plated structural elements
(EN 1993-1-5:2006+AC:2009)
- HRN EN 1993-1-5:2014/NA:2014 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 1993-1-6:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija
(EN 1993-1-6:2007+AC:2009)
Eurocode 3: Design of steel structures – Part 1-6:
Strength and Stability of Shell Structures
(EN 1993-1-6:2007+AC:2009)
- HRN EN 1993-1-6:2014/NA:2014 hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija –
Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-6:
Strength and Stability of Shell Structures – National
Annex
- HRN EN 1993-1-7:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-7: Pločaste konstrukcije izložene opterećenju
izvan ravnine (EN 1993-1-7:2007+AC:2009)
Eurocode 3: Design of steel structures – Part 1-7:
Plated structures subject to out of plane loading
(EN 1993-1-7:2007+AC:2009)
- HRN EN 1993-1-7:2014/NA:2014 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 1993-1-8:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-8: Proračun priključaka
(EN 1993-1-8:2005+AC:2009)
Eurocode 3: Design of steel structures – Part 1-8:
Design of joints (EN 1993-1-8:2005+AC:2009)
- HRN EN 1993-1-8:2014/NA:2014 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 1993-1-9:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-9: Zamor (EN 1993-1-9:2005+AC:2009)
Eurocode 3: Design of steel structures – Part 1-9:
Fatigue (EN 1993-1-9:2005+AC:2009)
- HRN EN 1993-1-9:2014/NA:2014 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 1993-3-1:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 3-1: Tornjevi, jarboli i dimnjaci – Tornjevi i jarboli
(EN 1993-3-1:2006+AC:2009)
Eurocode 3: Design of steel structures – Part 3-1:
Towers, masts and chimneys – Towers and masts
(EN 1993-3-1:2006+AC:2009)
- HRN EN 1993-3-1:2014/NA:2014 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 1993-3-2:2014 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 3-2: Tornjevi, jarboli i dimnjaci – Dimnjaci (EN 1993-3-2:2006)
Eurocode 3: Design of steel structures – Part 3-2: Towers, masts and chimneys – Chimneys (EN 1993-3-2:2006)
- HRN EN 1993-3-2:2014/NA:2014 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 1998-1:2011/Ispr.1:2014 hr izv
Eurokod 8: Projektiranje potresne otpornosti konstrukcija – 1. dio: Opća pravila, potresna djelovanja i pravila za zgrade
Eurocode 8: Design of structures for earthquake resistance – Part 1: General rules, seismic actions and rules for buildings
- HRN EN 1998-3:2011/Ispr.1:2014 hr pp
Eurokod 8: Projektiranje potresne otpornosti konstrukcija – 3. dio: Ocjenjivanje i obnova zgrada (EN 1998-3:2005/AC:2013)
Eurocode 8: Design of structures for earthquake resistance – Part 3: Assessment and retrofitting of buildings (EN 1998-3:2005/AC:2013)

HZN/TO 549, Svjetlo i rasvjeta

- HRN EN 12464-2:2014 en pr
Svjetlo i rasvjeta – Rasvjeta radnih mjesta – 2. dio: Vanjski radni prostori (EN 12464-2:2014)
Light and lighting – Lighting of work places – Part 2: Outdoor work places (EN 12464-2:2014)

HZN/TO 550, Opskrba vodom

- HRN EN 936:2014 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Ugljikov dioksid (EN 936:2013)
Chemicals used for treatment of water intended for human consumption – Carbon dioxide (EN 936:2013)
- HRN EN 15091:2014 en pr
Sanitarne armature – Elektroničko otvaranje i zatvaranje sanitarnih armatura (EN 15091:2013)
Sanitary tapware – Electronic opening and closing sanitary tapware (EN 15091:2013)
- HRN EN 15664-1:2014 en pr
Utjecaj metalnih materijala na vodu namijenjenu ljudskoj potrošnji – Mjerne linije za dinamičko ispitivanje procjene otpuštanja metala – 1. dio: Oblikovanje i postupak (EN 15664-1:2008+A1:2013)
Influence of metallic materials on water intended for human consumption – Dynamic rig test for assessment of metal release – Part 1: Design and operation (EN 15664-1:2008+A1:2013)
- HRN EN 16380:2014 en pr
Kemikalije koje se upotrebljavaju u obradi bazenske vode – Kalijev peroksimonosulfat (EN 16380:2013)
Chemicals used for treatment of swimming pool water – Potassium peroxomonosulfate (EN 16380:2013)
- HRN EN 16381:2014 en pr
Kemikalije koje se upotrebljavaju u obradi bazenske vode – Natrijev peroksidisulfat (EN 16381:2013)
Chemicals used for treatment of swimming pool water – Sodium peroxodisulfate (EN 16381:2013)

- HRN EN 16399:2014 en pr
Kemikalije koje se upotrebljavaju u obradi bazenske vode – Natrijev tiosulfat (EN 16399:2013)
Chemicals used for treatment of swimming pool water – Sodium thiosulfate (EN 16399:2013)
- HRN EN 16400:2014 en pr
Kemikalije koje se upotrebljavaju u obradi bazenske vode – Vodikov peroksid (EN 16400:2013)
Chemicals used for treatment of swimming pool water – Hydrogen peroxide (EN 16400:2013)
- HRN EN 16409:2014 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Dolomitno vapno (EN 16409:2013)
Chemicals used for treatment of water intended for human consumption – Dolomitic lime (EN 16409:2013)

HZN/TO 554, Obrada otpadnih voda

- HRN EN 1124-4:2014 en pr
Cijevi i oblikovni komadi uzdužno zavarenih cijevi od nehrđajućeg čelika s ravnim krajevima i naglavkom za sustave otpadnih voda – 4. dio: Sastavnice za sustave odvodnje pod vakuumom i sustave odvodnje na brodovima (EN 1124-4:2013)
Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for wastewater systems – Part 4: Components for vacuum drainage systems and for drainage systems on ships (EN 1124-4:2013)

HZN/TO 557, Zaštitna odjeća

- HRN EN 13277-3:2014 en pr
Zaštitna oprema za borilačke sportove – 3. dio: Dodatni zahtjevi i ispitne metode za štitnike tijela (EN 13277-3:2013)
Protective equipment for martial arts – Part 3: Additional requirements and test methods for trunk protectors (EN 13277-3:2013)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

- HRN EN 14141:2014 en pr
Zaporni uređaji za transport prirodnog plina u cjevovodima – Radni zahtjevi i ispitivanja (EN 14141:2013)
Valves for natural gas transportation in pipelines – Performance requirements and tests (EN 14141:2013)

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

- HRN EN ISO 10462:2014 en pr
Plinske boce – Boce za acetylen – Periodični pregled i održavanje (ISO 10462:2013; EN ISO 10462:2013)
Gas cylinders – Acetylene cylinders – Periodic inspection and maintenance (ISO 10462:2013; EN ISO 10462:2013)
- HRN EN 12493:2014 en pr
Oprema i pribor za UNP – Zavarene čelične tlačne posude za UNP spremnike za cestovna vozila – Projektiranje i proizvodnja (EN 12493:2013)
LPG equipment and accessories – Welded steel pressure vessels for LPG road tankers – Design and manufacture (EN 12493:2013)

HRN EN 14841:2014 en pr
Oprema i pribor za UNP – Postupci pražnjenja
željezničkih cisterna za UNP (EN 14841:2013)
LPG equipment and accessories – Discharge
procedures for LPG rail tankers (EN 14841:2013)

HZN/TO 562, *Alatni strojevi i alati*

HRN EN ISO 28881:2013/Ispr.1:2014 en pr
Alatni strojevi – Sigurnost – Strojevi za elektroeroziju
– Tehnički ispravak 1 (ISO 28881:2013/Cor 1:2013;
EN ISO 28881:2013/AC:2013)
Machine tools – Safety – Electro-discharge machines
– Technical Corrigendum 1
(ISO 28881:2013/Cor 1:2013;
EN ISO 28881:2013/AC:2013)

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

HRS ISO/TS 21872-1:2008/Ispr.1:2014 en pr
Mikrobiologija hrane i hrane za životinje – Horizontalna
metoda za dokazivanje prisutnosti moguće
enteropatogenih *Vibrio* spp. – 1. dio: Dokazivanje
prisutnosti *Vibrio parahaemolyticus* i *Vibrio cholerae*
(ISO/TS 21872-1:2007/Cor 1:2008)
Microbiology of food and animal feeding stuffs –
Horizontal method for the detection of potentially
enteropathogenic *Vibrio* spp. – Part 1: Detection of
Vibrio parahaemolyticus and *Vibrio cholerae*
(ISO/TS 21872-1:2007/Cor 1:2008)

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

HRN EN 926-2:2014 en pr
Oprema za paraglajding – Paragladjeri – 2. dio:
Zahtjevi i metode ispitivanja za klasificiranje
sigurnosnih karakteristika leta (EN 926-2:2013)
Paragliding equipment – Paragliders – Part 2:
Requirements and test methods for classifying flight
safety characteristics (EN 926-2:2013)

HRN EN 15649-1:2014 en pr
Plutajući proizvodi za slobodno vrijeme za uporabu
na vodi i u vodi – 1. dio: Klasifikacija, materijali,
osnovni zahtjevi i metode ispitivanja
(EN 15649-1:2009+A2:2013)
Floating leisure articles for use on and in the water –
Part 1: Classification, materials, general requirements
and test methods (EN 15649-1:2009+A2:2013)

HRN EN 15649-6:2014 en pr
Plutajući proizvodi za slobodno vrijeme za uporabu
na vodi i u vodi – 6. dio: Dodatni posebni sigurnosni
zahtjevi i metode ispitivanja za naprave D kategorije
(EN 15649-6:2009+A1:2013)
Floating leisure articles for use on and in the water
– Part 6: Additional specific safety requirements
and test methods for Class D devices (EN 15649-
6:2009+A1:2013)

HZN/TO E2, *Rotacijski strojevi*

HRN EN 60034-28:2014 en pr
Rotacijski električni strojevi – 28. dio: Ispitne metode
za određivanje veličina ekvivalentnih kružnih
dijagrama za trofazne niskonaponske kavezne
motore (IEC 60034-28:2012; EN 60034-28:2013)
Rotating electrical machines – Part 28: Test methods
for determining quantities of equivalent circuit
diagrams for three-phase low-voltage cage induction
motors (IEC 60034-28:2012; EN 60034-28:2013)

HZN/TO E8, *Sustavski vidovi opskrbe električnom energijom*

HRN HD 472 S1:1998/Ispr.1:2014 en pr
Nominalni naponi za niskonaponske javne sustave
napajanja električnom energijom
(HD 472 S1:1989/AC:2013)
Nominal voltages for low-voltage public electricity
supply systems (HD 472 S1:1989/AC:2013)

HRI CLC/TR 50422:2014 en pr
Upute za primjenu europske norme EN 50160
(CLC/TR 50422:2013)
Guide for the application of the European Standard
EN 50160 (CLC/TR 50422:2013)

HRN EN 50438:2014 en pr
Zahtjevi za priključak mikrogeneratora paralelno na
javne niskonaponske distribucijske mreže
(EN 50438:2013)
Requirements for micro-generating plants to
be connected in parallel with public low-voltage
distribution networks (EN 50438:2013)

HRI CLC/TR 50608:2014 en pr
Projekti iz područja naprednih mreža u Europi
(CLC/TR 50608:2013)
Smart grid projects in Europe (CLC/TR 50608:2013)

HZN/TO E9, *Električna oprema za željeznicu*

HRN EN 50163:2007/Ispr.1:2014 en pr
Željezničke primjene – Naponi napajanja vučnih
sustava (EN 50163:2004/AC:2010)
Railway applications – Supply voltages of traction
systems (EN 50163:2004/AC:2010)

HRN EN 50163:2007/Ispr.2:2014 en pr
Željezničke primjene – Naponi napajanja vučnih
sustava (EN 50163:2004/AC:2013)
Railway applications – Supply voltages of traction
systems (EN 50163:2004/AC:2013)

HRS CLC/TS 50238-3:2014 en pr
Željezničke primjene – Kompatibilnost između
željezničkih vozila i sustava detekcije vlaka – 3. dio:
Kompatibilnost s brojačima osovina
(CLC/TS 50238-3:2013)
Railway applications – Compatibility between
rolling stock and train detection systems – Part 3:
Compatibility with axle counters
(CLC/TS 50238-3:2013)

HRN EN 50239:2001/Ispr.1:2014 en pr
Željezničke primjene – Radio upravljanje vučnim
vozilima za teretni prijevoz (EN 50239:1999/AC:2012)
Railway applications – Radio remote control system
of traction vehicle for freight traffic
(EN 50239:1999/AC:2012)

HRN EN 50367:2013/Ispr.1:2014 en pr
Željezničke primjene – Sustavi oduzimača struje –
Tehnički uvjeti za međusobno djelovanje pantografa i
kontaktnog voda (omogućavanje slobodnog pristupa)
(EN 50367:2012/AC:2013)
Railway applications – Current collection systems
– Technical criteria for the interaction between
pantograph and overhead line (to achieve free
access) (EN 50367:2012/AC:2013)

HRN EN 50388:2013/Ispr.1:2014 en pr
Željezničke primjene – Opskrba električnom
energijom i željeznička vozila – Tehnički kriteriji za
koordinaciju između sustava napajanja (podstanica)
i željezničkih vozila radi postizanja interoperabilnosti
(EN 50388:2012/AC:2013)
Railway Applications – Power supply and rolling stock
– Technical criteria for the coordination between
power supply (substation) and rolling stock to achieve
interoperability (EN 50388:2012/AC:2013)

- HRS CLC/TS 50546:2014 en pr
Željezničke primjene – Željeznička vozila – Trofazni vanjski sustav napajanja za željeznička vozila (CLC/TS 50546:2013)
Railway applications – Rolling stock – 3-phase shore (external) supply system for rail vehicles (CLC/TS 50546:2013)
- HRN EN 50547:2014 en pr
Željezničke primjene – Baterije za sustave pomoćnog napajanja (EN 50547:2013)
Railway applications – Batteries for auxiliary power supply systems (EN 50547:2013)
- HRN EN 50553:2013/Ispr.1:2014 en pr
Željezničke primjene – Zahtjevi za mogućnost vožnje u slučaju požara na vozilu (EN 50553:2012/AC:2013)
Railway applications – Requirements for running capability in case of fire on board of rolling stock (EN 50553:2012/AC:2013)
- HRN EN 50578:2014 en pr
Željezničke primjene – Istosmjerni signalni releji (EN 50578:2013)
Railways applications – Direct current signalling relays (EN 50578:2013)
- HRS CLC/TS 50591:2014 en pr
Specifikacija i verifikacija potrošnje energije za željezničko vozilo (CLC/TS 50591:2013)
Specification and verification of energy consumption for railway rolling stock (CLC/TS 50591:2013)
- HRN EN 60349-4:2014 en pr
Električna vuča – Električni rotacijski strojevi za željeznička i cestovna vozila – 4. dio: Sinkroni električni strojevi s permanentnim magnetom spojeni na elektronički pretvarač (IEC 60349-4:2012; EN 60349-4:2013)
Electric traction – Rotating electrical machines for rail and road vehicles – Part 4: Permanent magnet synchronous electrical machines connected to an electronic converter (IEC 60349-4:2012; EN 60349-4:2013)
- HRN EN 61881-3:2013/A1:2014 en pr
Željezničke primjene – Oprema za željeznička vozila – Kondenzatori za energetska elektroniku – 3. dio: Kondenzatori s dvostrukim električnim slojem (IEC 61881-3:2012/am1:2013; EN 61881-3:2012/A1:2013)
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors (IEC 61881-3:2012/am1:2013; EN 61881-3:2012/A1:2013)
- HRN EN 62625-1:2014 en pr
Elektronička oprema za željeznice – Sustav snimanja podataka o vožnji na vozilu – 1. dio: Specifikacija sustava (IEC 62625-1:2013; EN 62625-1:2013)
Electronic railway equipment – On board driving data recording system – Part 1: System specification (IEC 62625-1:2013; EN 62625-1:2013)

HZN/TO E13, Oprema za mjerenje električne energije te upravljanje tarifom i potrošnjom

- HRN EN 62056-6-1:2014 en pr
Izmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 6-1: Sustav prepoznavanja objekta (OBIS - Object Identification System) (IEC 62056-6-1:2013; EN 62056-6-1:2013)
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-1: Object Identification System (OBIS) (IEC 62056-6-1:2013; EN 62056-6-1:2013)

- HRN EN 62056-6-2:2014 en pr
Izmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 6-2: COSEM razredi sučelja (IEC 62056-6-2:2013; EN 62056-6-2:2013)
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-2: COSEM interface classes (IEC 62056-6-2:2013; EN 62056-6-2:2013)
- HRN EN 62056-7-6:2014 en pr
Izmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 7-6: Troslojni komunikacijski profil usmjeren na spajanje utemeljen na HDLC-u (High-level Data Link Control) (IEC 62056-7-6:2013; EN 62056-7-6:2013)
Electricity metering data exchange – The DLMS/COSEM suite – Part 7-6: The 3-layer, connection-oriented HDLC based communication profile (IEC 62056-7-6:2013; EN 62056-7-6:2013)
- HRN EN 62056-8-3:2014 en pr
Izmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 8-3: PLC S-FSK (Power Line Carrier Spread - Frequency Shift Keying) komunikacijski profil za susjedne mreže (IEC 62056-8-3:2013; EN 62056-8-3:2013)
Electricity metering data exchange – The DLMS/COSEM suite – Part 8-3: The PLC S-FSK profile for neighbourhood networks (IEC 62056-8-3:2013; EN 62056-8-3:2013)
- HRN EN 62056-9-7:2014 en pr
Izmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 9-7: Komunikacijski profil za TCP-UDP/IP mreže (IEC 62056-9-7:2013; EN 62056-9-7:2013)
Electricity metering data exchange – The DLMS/COSEM suite – Part 9-7: Communication profile for TCP-UDP/IP networks (IEC 62056-9-7:2013; EN 62056-9-7:2013)

HZN/TO E14, Energetski transformatori

- HRN EN 60076-3:2014 en pr
Energetski transformatori – 3. dio: Izolacijske razine, dielektrična ispitivanja i vanjski razmaci u zraku (IEC 60076-3:2013; EN 60076-3:2013)
Power transformers – Part 3: Insulation levels, dielectric tests and external clearances in air (IEC 60076-3:2013; EN 60076-3:2013)

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

- HRN EN 60626-1:2014 en pr
Kombinirani savitljivi materijali za električne izolacije – 1. dio: Definicije i opći zahtjevi (IEC 60626-1:2009; EN 60626-1:2012)
Combined flexible materials for electrical insulation – Part 1: Definitions and general requirements (IEC 60626-1:2009; EN 60626-1:2012)
- HRN EN 60626-2:2014 en pr
Kombinirani savitljivi materijali za električne izolacije – 2. dio: Metode ispitivanja (IEC 60626-2:2009; EN 60626-2:2009)
Combined flexible materials for electrical insulation – Part 2: Methods of test (IEC 60626-2:2009; EN 60626-2:2009)

- HRN EN 60674-3-1:2005/A1:2014 en pr
Plastične folije za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 1. list: Dvoosno orijentirana polipropilenska folija za kondenzatore (IEC 60674-3-1:1998/am1:2011; EN 60674-3-1:1998/A1:2011)
Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 1: Biaxially oriented polypropylene (PP) film for capacitors (IEC 60674-3-1:1998/am1:2011; EN 60674-3-1:1998/A1:2011)
- HRN EN 60674-3-8:2014 en pr
Plastične folije za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 8. list: Folije od uravnoteženog dvoosno orijentiranog polietilen naftalata (PEN) za električnu izolaciju (IEC 60674-3-8:2011; EN 60674-3-8:2011)
Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 8: Balanced biaxially oriented polyethylene naphthalate (PEN) films used for electrical insulation (IEC 60674-3-8:2011; EN 60674-3-8:2011)
- HRN EN 60684-2:2014 en pr
Savitljive izolacijske navlake – 2. dio: Metode ispitivanja (IEC 60684-2:2011; EN 60684-2:2011)
Flexible insulating sleeving – Part 2: Methods of test (IEC 60684-2:2011; EN 60684-2:2011)
- HRN EN 60684-3-116:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 116. i 117. list: Ekstrudirane polikloroprenske navlake, opća namjena (IEC 60684-3-116:2010; EN 60684-3-116:2011)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheets 116 and 117: Extruded polychloroprene, general purpose (IEC 60684-3-116:2010; EN 60684-3-116:2011)
- HRN EN 60684-3-205:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacija zahtjeva za pojedinačne tipove navlaka – 205. list: Toplinski skupljajuće klorirane poliolefinne navlake, otporne na gorenje, nazivni omjer skupljanja 1,7:1 i 2:1 (IEC 60684-3-205:2011; EN 60684-3-205:2011)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 205: Heat-shrinkable chlorinated polyolefin sleeving, flame retarded, nominal shrink ratio 1,7:1 and 2:1 (IEC 60684-3-205:2011; EN 60684-3-205:2011)
- HRN EN 60684-3-209:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacija zahtjeva za pojedinačne tipove navlaka – 209. list: Toplinski skupljajuće poliolefinne navlake opće namjene s usporenim gorenjem (IEC 60684-3-209:2010; EN 60684-3-209:2010)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 209: Heat-shrinkable polyolefin sleeving, general purpose, flame retarded (IEC 60684-3-209:2010; EN 60684-3-209:2010)
- HRN EN 60684-3-247:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 247. list: Toplinski skupljajuće poliolefinne navlake s dvostrukom stijenkom, neotporne na gorenje, s debelim i srednjim stijenkama (IEC 60684-3-247:2011; EN 60684-3-247:2011)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 247: Heat-shrinkable polyolefin sleeving; dual wall, not flame retarded, thick and medium wall (IEC 60684-3-247:2011; EN 60684-3-247:2011)
- HRN EN 60684-3-271:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 271. list: Toplinski skupljajuće elastomerne navlake s usporenim gorenjem, otporne na fluide, omjer skupljanja 2:1 (IEC 60684-3-271:2011; EN 60684-3-271:2011)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 271: Heat-shrinkable elastomer sleeveings, flame retarded, fluid resistant, shrink ratio 2:1 (IEC 60684-3-271:2011; EN 60684-3-271:2011)
- HRN EN 60684-3-281:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 281. list: Toplinski skupljajuće poliolefinne navlake, poluvodljive (IEC 60684-3-281:2010; EN 60684-3-281:2010)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 281: Heat-shrinkable, polyolefin sleeving, semiconductive (IEC 60684-3-281:2010; EN 60684-3-281:2010)
- HRN EN 60684-3-282:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 282. list: Toplinski skupljajuće poliolefinne navlake – Kontrola naprezanja (IEC 60684-3-282:2010; EN 60684-3-282:2010)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 282: Heat-shrinkable, polyolefin sleeving – Stress control (IEC 60684-3-282:2010; EN 60684-3-282:2010)
- HRN EN 60763-1:2014 en pr
Laminirane prešane ploče za primjenu u elektrici – 1. dio: Definicije, razredba i opći zahtjevi (IEC 60763-1:2010; EN 60763-1:2011)
Laminated pressboard for electrical purposes – Part 1: Definitions, classification and general requirements (IEC 60763-1:2010; EN 60763-1:2011)
- HRN EN 60763-3-1:2014 en pr
Laminirane prešane ploče za primjenu u elektrici – 3. dio: Specifikacije za pojedinačne materijale – 1. list: Specifikacije za laminirane predprešane ploče, tipovi LB 3.1.1, 3.1.2, 3.3.1 i 3.3.2 (IEC 60763-3-1:2010; EN 60763-3-1:2011)
Laminated pressboard for electrical purposes – Part 3: Specifications for individual materials – Sheet 1: Requirements for laminated precompressed pressboard, Types LB 3.1.A.1 and LB3.1A.2 (IEC 60763-3-1:2010; EN 60763-3-1:2011)
- HRN EN 60819-1:2014 en pr
Necelulozni papiri za elektrotehničke svrhe – 1. dio: Definicije i opći zahtjevi (IEC 60819-1:2009; EN 60819-1:2012)
Non-cellulosic papers for electrical purposes – Part 1: Definitions and general requirements (IEC 60819-1:2009; EN 60819-1:2012)
- HRN EN 60893-3-2:2005/A1:2014 en pr
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – Dio 3-2: Specifikacije za pojedinačne materijale – Zahtjevi za krute laminirane listove na bazi epoksidnih smola (IEC 60893-3-2:2003/am1:2011; EN 60893-3-2:2004/A1:2011)
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-2: Specifications for individual materials – Requirements for rigid laminated sheets based on epoxy resins (IEC 60893-3-2:2003/am1:2011; EN 60893-3-2:2004/A1:2011)

HRN EN 60893-3-3:2005/A1:2014 en pr
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – Dio 3-3: Specifikacije za pojedinačne materijale – Zahtjevi za krute laminirane listove na bazi melaminskih smola (IEC 60893-3-3:2003/am1:2011; EN 60893-3-3:2004/A1:2012)
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-3: Specifications for individual materials – Requirements for rigid laminated sheets based on melamine resins (IEC 60893-3-3:2003/am1:2011; EN 60893-3-3:2004/A1:2012)

HRN EN 60893-3-4:2005/A1:2014 en pr
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – Dio 3-4: Specifikacije za pojedinačne materijale – Zahtjevi za krute laminirane listove na bazi fenolnih smola (IEC 60893-3-4:2003/am1:2012; 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; EN 60893-3-4:2004/A1:2012)

HRN EN 60893-3-5:2005/A1:2014 en pr
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – Dio 3-5: Specifikacije za pojedinačne materijale – Zahtjevi za krute laminirane listove na bazi poliesternih smola (IEC 60893-3-5:2003/am1:2009; EN 60893-3-5:2004/A1:2009)
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-5: Specifications for individual materials – Requirements for rigid laminated sheets based on polyester resins (IEC 60893-3-5:2003/am1:2009; EN 60893-3-5:2004/A1:2009)

HRN EN 60893-3-6:2005/A1:2014 en pr
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – Dio 3-6: Specifikacije za pojedinačne materijale – Zahtjevi za krute laminirane listove na bazi silikonskih smola (IEC 60893-3-6:2003/am1:2009; EN 60893-3-6:2004/A1:2009)
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-6: Specifications for individual materials – Requirements for rigid laminated sheets based on silicone resins (IEC 60893-3-6:2003/am1:2009; EN 60893-3-6:2004/A1:2009)

HRN EN 60893-3-7:2005/A1:2014 en pr
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – Dio 3-7: Specifikacije za pojedinačne materijale – Zahtjevi za krute laminirane listove na bazi poliamidnih smola (IEC 60893-3-7:2003/am1:2009; EN 60893-3-7:2004/A1:2009)
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-7: Specifications for individual materials – Requirements for rigid laminated sheets based on polyimide resins (IEC 60893-3-7:2003/am1:2009; EN 60893-3-7:2004/A1:2009)

HRN EN 62329-3-100:2014 en pr
Toplinski skupljajući lijevani oblici – 3. dio: Specifikacija zahtjeva za dimenzije oblika, zahtjevi za materijal i svojstva kompatibilnosti – 100. list: Dimenzije toplinski skupljajućih oblika (IEC 62329-3-100:2010; EN 62329-3-100:2010)
Heat-shrinkable moulded shapes – Part 3: Specification requirements for shape dimensions; material requirements and compatibility performance – Sheet 100: Heat-shrinkable moulded shape dimensions (IEC 62329-3-100:2010; EN 62329-3-100:2010)

HRN EN 62329-3-101:2014 en pr
Toplinski skupljajući lijevani oblici – 3. dio: Specifikacija zahtjeva za dimenzije oblika, zahtjevi za materijal i svojstva kompatibilnosti – 101. list: Toplinski skupljajući lijevani oblici od poliolefina, polutvrđi, ograničene otpornosti na vatru, zahtjevi za materijal i značajke sustava (IEC 62329-3-101:2010; EN 62329-3-101:2010)
Heat-shrinkable moulded shapes – Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance – Sheet 101: Heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, material requirements and system performance (IEC 62329-3-101:2010; EN 62329-3-101:2010)

HRN EN 62329-3-102:2014 en pr
Toplinski skupljajući lijevani oblici – 3. dio: Specifikacija zahtjeva za dimenzije oblika, zahtjevi za materijal i svojstva kompatibilnosti – 102. list: Toplinski skupljajući lijevani oblici od elastomera, polutvrđi, zahtjevi za materijal i značajke sustava (IEC 62329-3-102:2010; EN 62329-3-102:2010)
Heat-shrinkable moulded shapes – Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance – Sheet 102: Heat-shrinkable elastomeric moulded shapes, semi-rigid, material requirements and system performance (IEC 62329-3-102:2010; EN 62329-3-102:2010)

HZN/TO E23, Električni instalacijski pribor

HRN EN 50085-1:2007/A1:2014 en pr
Sustavi za nošenje i vođenje kabela za električne instalacije – 1. dio: Opći zahtjevi (EN 50085-1:2005/A1:2013)
Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements (EN 50085-1:2005/A1:2013)

HRN EN 61008-1:2007/A13:2012/Ispr.1:2014 en pr
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (EN 61008-1:2004/A13:2012/AC:2012)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules (EN 61008-1:2004/A13:2012/AC:2012)

HRN EN 61009-1:2007/A14:2012/Ispr.1:2014 en pr
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2004/A14:2012/AC:2012)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (EN 61009-1:2004/A14:2012/AC:2012)

HRN EN 62444:2014 en pr
Kabelske uvodnice za električne instalacije (IEC 62444:2010, MOD; EN 62444:2013)
Cable glands for electrical installations (IEC 62444:2010, MOD; EN 62444:2013)

HZN/TO E55, *Žice za namote*

- HRN EN 60317-0-1:2014 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 0-1:
Opći zahtjevi – Okrugla bakrena lakirana žica
(IEC 60317-0-1:2013; EN 60317-0-1:2014)
Specifications for particular types of winding wires –
Part 0-1: General requirements – Enamelled round
copper wire (IEC 60317-0-1:2013;
EN 60317-0-1:2014)
- HRN EN 60317-0-2:2014 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 0-2:
Opći zahtjevi – Profilna bakrena lakirana žica
(IEC 60317-0-2:2013; EN 60317-0-2:2014)
Specifications for particular types of winding wires
– Part 0-2: General requirements – Enamelled
rectangular copper wire (IEC 60317-0-2:2013;
EN 60317-0-2:2014)

HZN/TO E57, *Upravljanje energetskim sustavom i pridružene komunikacije*

- HRN EN 61970-301:2014 en pr
Sučelje za aplikacije vođenja elektroenergetskog
sustava (EMS-API) – 301. dio: Osnove zajedničkog
modela podataka (CIM) (IEC 61970-301:2013;
EN 61970-301:2013)
Energy management system application program
interface (EMS-API) – Part 301: Common information
model (CIM) base (IEC 61970-301:2013;
EN 61970-301:2013)

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

- HRN EN 60312-1:2014 en pr
Usisivači prašine za kućansku uporabu – 1. dio: Suhi
vakumski čistači – Ispitne metode za mjerenje radnih
značajka (IEC 60312-1:2010, MOD+am1:2011, MOD;
EN 60312-1:2013)
Vacuum cleaners for household use – Part 1: Dry
vacuum cleaners – Methods for measuring the
performance (IEC 60312-1:2010, MOD+am1:2011, MOD;
EN 60312-1:2013)

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

- HRN EN 61010-2-201:2013/Ispr.1:2014 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i
laboratorijsku električnu opremu – Dio 2-201: Posebni
zahtjevi za upravljačku opremu
(EN 61010-2-201:2013/AC:2013)
Safety requirements for electrical equipment for
measurement, control and laboratory use – Part 2-201:
Particular requirements for control equipment
(EN 61010-2-201:2013/AC:2013)
- HRN EN 61131-3:2014 en pr
Programirajući regulatori – 3. dio: Programski jezici
(IEC 61131-3:2013; EN 61131-3:2013)
Programmable controllers – Part 3: Programming
languages (IEC 61131-3:2013; EN 61131-3:2013)
- HRN EN 62264-1:2014 en pr
Integracija sustava za vođenje poduzeća – 1. dio:
Modeli i nazivlje (IEC 62264-1:2013;
EN 62264-1:2013)
Enterprise system integration – Part 1: Models and
terminology (IEC 62264-1:2013; EN 62264-1:2013)

HZN/TO E79, *Alarmni sustavi*

- HRN EN 60839-11-1:2013/Ispr.1:2014 en pr
Alarmni i elektronički sigurnosni sustavi – Dio 11-1:
Norma za elektroničke sustave kontrole ulaska –
Zahtjevi na sustav i komponente
(EN 60839-11-1:2013/AC:2013)
Alarm and electronic security systems – Part 11-
1: Electronic access control systems – System and
components requirements
(EN 60839-11-1:2013/AC:2013)

HZN/TO E80, *Pomorska navigacijska i radiokomunikacijska oprema i sustavi*

- HRN EN 62287-1:2011/A1:2014 en pr
Pomorska navigacijska i radiokomunikacijska
oprema i sustavi – Brodska oprema razreda B
sustava automatske identifikacije (AIS) – 1. dio:
Tehnike višestrukog pristupa s vremenskom podjelom
detekcije nosioca (CSTDMA)
(IEC 62287-1:2010/am1:2013;
EN 62287-1:2011/A1:2014)
Maritime navigation and radiocommunication
equipment and systems – Class B shipborne
equipment of the automatic identification system
(AIS) – Part 1: Carrier-sense time division multiple
access (CSTDMA) techniques
(IEC 62287-1:2010/am1:2013;
EN 62287-1:2011/A1:2014)

HZN/TO E95, *Mjerni releji i zaštitna oprema*

- HRN EN 60255-1:2014 en pr
Mjerni releji i zaštitna oprema – 1. dio: Opći zahtjevi
(IEC 60255-1:2009; EN 60255-1:2010)
Measuring relays and protection equipment – Part 1:
Common requirements (IEC 60255-1:2009;
EN 60255-1:2010)
- HRN EN 60255-11:2014 en pr
Mjerni releji i zaštitna oprema – 11. dio: Padovi
napona, kratki prekidi, varijacije i kolebanja na
priključku pomoćnog izvora napajanja
(IEC 60255-11:2008; EN 60255-11:2010)
Measuring relays and protection equipment – Part 11:
Voltage dips, short interruptions, variations and ripple
on auxiliary power supply port (IEC 60255-11:2008;
EN 60255-11:2010)
- HRN EN 60255-22-3:2014 en pr
Mjerni releji i zaštitna oprema – Dio 22-3: Ispitivanja
na električne smetnje – Otpornost na zračenja
elektromagnetskog polja (IEC 60255-22-3:2007;
EN 60255-22-3:2008)
Measuring relays and protection equipment –
Part 22-3: Electrical disturbance tests – Radiated
electromagnetic field immunity
(IEC 60255-22-3:2007; EN 60255-22-3:2008)
- HRN EN 60255-22-5:2014 en pr
Mjerni releji i zaštitna oprema – Dio 22-5: Ispitivanja
na električne smetnje – Ispitivanje otpornosti na
udarni val (IEC 60255-22-5:2008;
EN 60255-22-5:2011)
Measuring relays and protection equipment –
Part 22-5: Electrical disturbance tests – Surge immunity
test (IEC 60255-22-5:2008; EN 60255-22-5:2011)
- HRN EN 60255-26:2014 en pr
Mjerni releji i zaštitna oprema – 26. dio: Zahtjevi za
elektromagnetsku kompatibilnost
(IEC 60255-26:2013; EN 60255-26:2013)
Measuring relays and protection equipment –
Part 26: Electromagnetic compatibility requirements
(IEC 60255-26:2013; EN 60255-26:2013)

- HRN EN 60255-26:2014/Ispr.1:2014 en pr
Mjerni releji i zaštitna oprema – 26. dio: Zahtjevi za elektromagnetsku kompatibilnost (EN 60255-26:2013/AC:2013)
Measuring relays and protection equipment – Part 26: Electromagnetic compatibility requirements (EN 60255-26:2013/AC:2013)
- HRN EN 60255-127:2014 en pr
Mjerni releji i zaštitna oprema – 127. dio: Funkcionalni zahtjevi za prenaponsku/podnaponsku zaštitu (IEC 60255-127:2010; EN 60255-127:2014)
Measuring relays and protection equipment – Part 127: Functional requirements for over/under voltage protection (IEC 60255-127:2010; EN 60255-127:2014)
- HRN EN 60255-151:2014 en pr
Mjerni releji i zaštitna oprema – 151. dio: Funkcionalni zahtjevi za prekostrujnu/podstrujnu zaštitu (IEC 60255-151:2009; EN 60255-151:2009)
Measuring relays and protection equipment – Part 151: Functional requirements for over/under current protection (IEC 60255-151:2009; EN 60255-151:2009)

HZN/TO E501, Elektroakustika i ultrazvuk

- HRN EN 61672-1:2014 en pr
Elektroakustika – Zvukomjeri – 1. dio: Specifikacije (IEC 61672-1:2013; EN 61672-1:2013)
Electroacoustics – Sound level meters – Part 1: Specifications (IEC 61672-1:2013; EN 61672-1:2013)
- HRN EN 61672-2:2014 en pr
Elektroakustika – Zvukomjeri – 2. dio: Tipno ispitivanje (IEC 61672-2:2013; EN 61672-2:2013)
Electroacoustics – Sound level meters – Part 2: Pattern evaluation tests (IEC 61672-2:2013; EN 61672-2:2013)
- HRN EN 61672-3:2014 en pr
Elektroakustika – Zvukomjeri – 3. dio: Periodična ispitivanja (IEC 61672-3:2013; EN 61672-3:2013)
Electroacoustics – Sound level meters – Part 3: Periodic tests (IEC 61672-3:2013; EN 61672-3:2013)

HZN/TO T4, Normizacija u telekomunikacijama

- HRN EN 301 489-35 V1.1.2:2014 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Norma elektromagnetske kompatibilnosti (EMC) za radijsku opremu i službe – 35. dio: Posebni zahtjevi za aktivne medicinske implantate male snage (LP-AMI) u frekvencijskim pojasevima 2483,5 MHz do 2500 MHz (EN 301 489-35 V1.1.2:2013)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 35: Specific requirements for Low Power Active Medical Implants (LP-AMI) operating in the 2483,5 MHz to 2500 MHz bands (EN 301 489-35 V1.1.2:2013)
- HRN EN 301 605 V1.1.1:2014 en pr
Ekoinženjering (EE) – Uzemljivanje i električko spajanje 400 VDC podatkovne i telekom opreme (ICT) (EN 301 605 V1.1.1:2013)
Environmental Engineering (EE) – Earthing and bonding of 400 VDC data and telecom (ICT) equipment (EN 301 605 V1.1.1:2013)
- HRN EN 301 908-2 V6.2.1:2014 en pr
Celularne mreže IMT – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 2. dio: CDMA izravno proširenje (UTRA FDD) Korisnička oprema (UE) (EN 301 908-2 V6.2.1:2013)

- 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) (EN 301 908-2 V6.2.1:2013)
- HRN EN 301 908-13 V6.2.1:2014 en pr
Celularne mreže IMT – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 13. dio: Razvijeni univerzalni terestrijalni pristup (E-UTRA) Korisnička oprema (UE) (EN 301 908-13 V6.2.1:2013)
IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) (EN 301 908-13 V6.2.1:2013)
- HRN EN 301 908-14 V6.2.1:2014 en pr
Celularne mreže IMT – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – Razvijeni univerzalni terestrijalni radijski pristup (E-UTRA) Bazne postaje (BS) (EN 301 908-14 V6.2.1:2013)
IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS) (EN 301 908-14 V6.2.1:2013)
- HRN EN 302 636-2 V1.2.1:2014 en pr
Inteligentni sustavi prijevoza (ITS) – Komunikacija vozila – Geomrežavanje – 2. dio: Scenariji (EN 302 636-2 V1.2.1:2013)
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 2: Scenarios (EN 302 636-2 V1.2.1:2013)
- HRN EN 302 858-2 V1.3.1:2014 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Telematika cestovnog prijevoza i prometa (RTTT) – Automobilaska radarska oprema koja radi u frekvencijskom području 24,05 GHz do 24,25 GHz ili 24,50 GHz – 2. dio: Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 302 858-2 V1.3.1:2013)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Road Transport and Traffic Telematics (RTTT) – Automotive radar equipment operating in the 24,05 GHz up to 24,25 GHz or 24,50 GHz frequency range – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 858-2 V1.3.1:2013)

HZN/TO Z1, Informacijska tehnologija

- HRN ISO/IEC 7812-1:2014 en pr
Identifikacijske kartice – Identifikacija izdavatelja – 1. dio: Sustav obročivanja (ISO/IEC 7812-1:2006)
Identification cards – Identification of issuers – Part 1: Numbering system (ISO/IEC 7812-1:2006)
- HRN ISO/IEC 7812-2:2014 en pr
Identifikacijske kartice – Identifikacija izdavatelja – 2. dio: Postupci za programske usluge i registraciju (ISO/IEC 7812-2:2007)
Identification cards – Identification of issuers – Part 2: Application and registration procedures (ISO/IEC 7812-2:2007)
- HRN ISO/IEC 7816-5:2014 en pr
Identifikacijske kartice – Elektroničke kartice – 5. dio: Registracija davatelja programskih usluga (ISO/IEC 7816-5:2004)
Identification cards – Integrated circuit cards – Part 5: Registration of application providers (ISO/IEC 7816-5:2004)

- HRN EN 419211-3:2014 en pr
Obrasci zaštite sredstava za izradu elektroničkog potpisa – 3. dio: Sredstvo za uvođenje ključa (EN 419211-3:2013)
Protection profiles for secure signature creation device – Part 3: Device with key import (EN 419211-3:2013)
- HRN EN 419211-4:2014 en pr
Obrasci zaštite sredstava za izradu elektroničkog potpisa – 4. dio: Dodatna zaštita sredstava za generiranje ključa i povjerljivi kanal do aplikacije za generiranje certifikata (EN 419211-4:2013)
Protection profiles for secure signature creation device – Part 4: Extension for device with key generation and trusted channel to certificate generation application (EN 419211-4:2013)
- HRN EN 419211-5:2014 en pr
Obrasci zaštite sredstava za izradu elektroničkog potpisa – 5. dio: Dodatna zaštita sredstava za generiranje ključa i povjerljivi kanal do aplikacije za izradu elektroničkog potpisa (EN 419211-5:2013)
Protection profiles for secure signature creation device – Part 5: Extension for device with key generation and trusted channel to signature creation application (EN 419211-5:2013)

HZN/TU I2, *Strojarstvo 2*

- HRN EN 474-1:2014 en pr
Strojevi za zemljane radove – Sigurnost – 1. dio: Opći zahtjevi (EN 474-1:2006+A4:2013)
Earth-moving machinery – Safety – Part 1: General requirements (EN 474-1:2006+A4:2013)
- HRN EN ISO 9806:2014 en pr
Sunčeva energija – Toplinski kolektori Sunčeva zračenja – Metode ispitivanja (ISO 9806:2013; EN ISO 9806:2013)
Solar energy – Solar thermal collectors – Test methods (ISO 9806:2013; EN ISO 9806:2013)
- HRS CEN ISO/TS 13830:2014 en pr
Nanotehnologija – Smjernice za dobrovoljno označavanje proizvoda široke potrošnje koji sadrže proizvedene nano predmete (ISO/TS 13830:2013; CEN ISO/TS 13830:2013)
Nanotechnologies – Guidance on voluntary labelling for consumer products containing manufactured nano-objects (ISO/TS 13830:2013; CEN ISO/TS 13830:2013)

HZN/TU I3, *Strojarstvo 3*

- HRN EN 1300:2014 en pr
Jedinice za sigurno pohranjivanje – Klasifikacija brava visoke sigurnosti prema njihovoj otpornosti na neovlašteno otvaranje (EN 1300:2013)
Secure storage units – Classification for high security locks according to their resistance to unauthorized opening (EN 1300:2013)

HZN/TU M1, *Metalni materijali 1*

- HRN EN 1811:2011/Ispr.1:2014 en pr
Referentna metoda ispitivanja izlučivanja nikla iz svih dijelova koji se umeću u probušene dijelove ljudskoga tijela i predmeta koji su u izravnom i produženome kontaktu s ljudskom kožom (EN 1811:2011/AC:2012)
Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin (EN 1811:2011/AC:2012)

- HRN EN ISO 7625:2014 en pr
Sinterirani metalni materijali, osim tvrdih metala – Priprema uzoraka za kemijske analize za određivanje udjela ugljika (ISO 7625:2012; EN ISO 7625:2012)
Sintered metal materials, excluding hardmetals – Preparation of samples for chemical analysis for determination of carbon content (ISO 7625:2012; EN ISO 7625:2012)
- HRN EN ISO 13944:2014 en pr
Podmazana smjesa metalnoga praha – Određivanje sadržaja maziva – Soxhletova metoda ekstrakcije (ISO 13944:2012; EN ISO 13944:2012)
Lubricated metal-powder mixes – Determination of lubricant content – Soxhlet extraction method (ISO 13944:2012; EN ISO 13944:2012)

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

- HRN EN ISO 17304:2014 en pr
Stomatologija – Polimerizacijsko skupljanje: Metoda određivanja polimerizacijskog skupljanja restorativnih materijala na bazi polimera (ISO 17304:2013; EN ISO 17304:2013)
Dentistry – Polymerisation shrinkage: Method for determination of polymerisation shrinkage of polymer-based restorative materials (ISO 17304:2013; EN ISO 17304:2013)

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

- HRS CEN/TS 15937:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje specifične električne vodljivosti (CEN/TS 15937:2013)
Sludge, treated biowaste and soil – Determination of specific electrical conductivity (CEN/TS 15937:2013)
- HRS CEN/TS 16170:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje elemenata uporabom optičke emisijske spektrometrije s induktivno spregnutom plazmom (ICP-OES) (CEN/TS 16170:2012)
Sludge, treated biowaste and soil – Determination of elements using inductively coupled plasma optical emission spectrometry (ICP-OES) (CEN/TS 16170:2012)
- HRS CEN/TS 16171:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje elemenata uporabom masene spektrometrije s induktivno spregnutom plazmom (ICP-MS) (CEN/TS 16171:2012)
Sludge, treated biowaste and soil – Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS) (CEN/TS 16171:2012)
- HRS CEN/TS 16172:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje elemenata uporabom atomske apsorpcijske spektrometrije s grafitnom peći (GF-AAS) (CEN/TS 16172:2013)
Sludge, treated biowaste and soil – Determination of elements using graphite furnace atomic absorption spectrometry (GF-AAS) (CEN/TS 16172:2013)
- HRS CEN/TS 16175-1:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje žive – 1. dio: Atomska apsorpcijska spektrometrija tehnikom hladne pare (CV-AAS) (CEN/TS 16175-1:2013)
Sludge, treated biowaste and soil – Determination of mercury – Part 1: Cold-vapour atomic absorption spectrometry (CV-AAS) (CEN/TS 16175-1:2013)
- HRS CEN/TS 16175-2:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje žive – 2. dio: Atomska fluorescentna spektrometrija tehnikom hladne para (CV-AFS) (CEN/TS 16175-2:2013)
Sludge, treated biowaste and soil – Determination of mercury – Part 2: Cold-vapour atomic fluorescence spectrometry (CV-AFS) (CEN/TS 16175-2:2013)

- HRS CEN/TS 16181:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje policikličkih aromatskih ugljikovodika (PAU) plinskom kromatografijom (GC) i tekućinskom kromatografijom visokog učinka (HPLC) (CEN/TS 16181:2013)
Sludge, treated biowaste and soil – Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC) and high performance liquid chromatography (HPLC) (CEN/TS 16181:2013)
- HRI CEN/TR 16193:2014 en pr
Mulj, obrađeni biootpad i tlo – Detekcija i brojenje Escherichia coli (CEN/TR 16193:2013)
Sludge, treated biowaste and soil – Detection and enumeration of Escherichia coli (CEN/TR 16193:2013)
- HRS CEN/TS 16201:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje klijavosti biljnog sjemena i sposobnosti preživljavanja dijelova biljaka za vegetativno razmnožavanje (CEN/TS 16201:2013)
Sludge, treated biowaste and soil – Determination of viable plant seeds and propagules (CEN/TS 16201:2013)
- HRS CEN/TS 16202:2014 en pr
Mulj, obrađeni biootpad i tlo – Određivanje nečistoća i kamenja (CEN/TS 16202:2013)
Sludge, treated biowaste and soil – Determination of impurities and stones (CEN/TS 16202:2013)

HZNTU T1, Prijevoz, rukovanje materijalima i pakiranje 1

- HRN EN 415-10:2014 en pr
Sigurnost strojeva za pakiranje – 10. dio: Opći zahtjevi (EN 415-10:2014)
Safety of packaging machines – Part 10: General Requirements (EN 415-10:2014)
- HRN EN 2043:2014 en pr
Nizovi o zrakoplovstvu – Metalni materijali – Opći zahtjevi za kvalifikaciju poluzavršenih proizvoda (isključeno kovanje i lijevanje) (EN 2043:2013)
Aerospace series – Metallic materials – General requirements for semi-finished product qualification (excluding forgings and castings) (EN 2043:2013)
- HRN EN 2565:2014 en pr
Nizovi o zrakoplovstvu – Priprema ploča ojačanih smolom i ugljičnim vlaknima u svrhu ispitivanja (EN 2565:2013)
Aerospace series – Preparation of carbon fibre reinforced resin panels for test purposes (EN 2565:2013)
- HRN EN 2833-005:2014 en pr
Nizovi o zrakoplovstvu – Staklena vlakna – Staklena vlakna očvrstnuta toplinom preimpregnirana – Tehnička specifikacija – 005. dio: Preimpregnirani tekstilom/fenolnom smolom (EN 2833-005:2013)
Aerospace series – Glass fibre thermosetting preimpregnates – Technical specification – Part 005: Glass fabric/phenolic resin preimpregnate (EN 2833-005:2013)
- HRN EN 3682-001:2014 en pr
Nizovi o zrakoplovstvu – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 001. dio: Tehničke specifikacije (EN 3682-001:2013)
Aerospace series – Connectors, plug and receptacle, electrical; rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 001: Technical specification (EN 3682-001:2013)
- HRN EN 3682-002:2014 en pr
Nizovi o zrakoplovstvu – Spojnice, utikač i utična kutija, električna, pravokutna, utično zamjenjivi tip, sa stalka na ploču, stalna radna temperatura 150 °C – 002. dio: Specifikacija radnih značajki i rasporedi kontakata (EN 3682-002:2013)
Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 002: Specification of performance and contact arrangements (EN 3682-002:2013)
- HRN EN ISO 3691-6:2014 en pr
Industrijski kamioni – Sigurnosni zahtjevi i potvrđivanje – 6. dio: Vozila za prijevoz tereta i osoblja (ISO 3691-6:2013; EN ISO 3691-6:2013)
Industrial trucks – Safety requirements and verification – Part 6: Burden and personnel carriers (ISO 3691-6:2013; EN ISO 3691-6:2013)
- HRN EN 3783:2014 en pr
Nizovi o zrakoplovstvu – Materijali od kompozitnih vlakana – Normalizacija pretežno vlaknastih mehaničkih svojstava (EN 3783:2013)
Aerospace series – Fibre composite materials – Normalisation of fibre dominated mechanical properties (EN 3783:2013)
- HRN EN 3983:2014 en pr
Nizovi o zrakoplovstvu – Legura aluminija AL-P7050-T7651 – Ploča – 6 mm < a ≤ 160 mm (EN 3983:2013)
Aerospace series – Aluminium alloy AL-P7050-T7651 – Plate – 6 mm < a ≤ 160 mm (EN 3983:2013)
- HRN EN 4262:2014 en pr
Nizovi o zrakoplovstvu – Legure otporne na visoke temperature FE-PA4901 (X12CrNiCoMoW21-20) – Kao kovani – Kovački otkivak – a ili D = 200 mm – 690 MPa = Rm = 880 MPa (EN 4262:2013)
Aerospace series – Heat resisting alloy FE-PA4901 (X12CrNiCoMoW21-20) – As forged – Forging stock – a or D = 200 mm – 690 MPa = Rm = 880 MPa (EN 4262:2013)
- HRN EN 4263:2014 en pr
Nizovi o zrakoplovstvu – Legure otporne na visoke temperature FE-PA4901 (X12CrNiCoMoW21-20) – Kao kovani – Kovački otkivak – a ili D = 200 mm – 690 MPa = Rm = 960 MPa (EN 4263:2013)
Aerospace series – Heat resisting alloy FE-PA4901 (X12CrNiCoMoW21-20) – As forged – Forging stock – a or D = 200 mm – 690 MPa = Rm = 960 MPa (EN 4263:2013)
- HRN EN 4488:2014 en pr
Nizovi o zrakoplovstvu – Nemetalni materijali – Anaerobne polimerne komponente – Protiv odvrtanja vijka – Moment sile 2 Nm (EN 4488:2013)
Aerospace series – Non-metallic materials – Anaerobic polymerisable compounds – Threadlocking – Torque strength 2 Nm (EN 4488:2013)
- HRN EN 4503:2014 en pr
Nizovi o zrakoplovstvu – Nemetalni materijali – Tekstili – Metoda ispitivanja – Određivanje u vodi topljivih klorida i sulfata u vodenim ekstraktima (EN 4503:2013)
Aerospace series – Non-metallic materials – Textiles – Test method – Determination of water soluble chloride and sulfate of aqueous extracts (EN 4503:2013)
- HRN EN 4504:2014 en pr
Nizovi o zrakoplovstvu – Nemetalni materijali – Tekstili – Metoda ispitivanja – Određivanje savitljivosti uskih tkanina (EN 4504:2013)
Aerospace series – Non-metallic materials, Textiles – Test method – Determination of flexibility of narrow fabrics (EN 4504:2013)

- HRN EN 4505:2014 en pr
Nizovi o zrakoplovstvu – Nemetalni materijali – Tekstili – Metoda ispitivanja – Određivanje stabilnosti dimenzija (EN 4505:2013)
Aerospace series – Non-metallic materials – Textiles – Test method – Determination of dimensional stability (EN 4505:2013)
- HRN EN 4507:2014 en pr
Nizovi o zrakoplovstvu – Nemetalni materijali – Tekstili – Metoda ispitivanja – Određivanje tvari topivih u vodi (EN 4507:2013)
Aerospace series – Non-metallic materials – Textiles – Test method – Determination of water extractable matter (EN 4507:2013)

HZN/TU U1, Opća elektrotehnika 1

- HRN EN 60127-4:2009/A2:2014 en pr
Minijaturni osigurači – 4. dio: Univerzalni modularni rastalni ulošci (UMF) – Tipovi za površinsku ugradnju i montažu kroz otvor (IEC 60127-4:2005/am2:2012; EN 60127-4:2005/A2:2013)
Miniature fuses – Part 4: Universal modular fuse-links (UMF) – Through-hole and surface mount types (IEC 60127-4:2005/am2:2012; EN 60127-4:2005/A2:2013)

HZN/TU V1, Elektronika 1

- HRN EN 50290-2-23:2014 en pr
Komunikacijski kabeli – Dio 2-23: Opća pravila konstruiranja i izrada – Polietilenska izolacija za kabele s paricama koji se upotrebljavaju u pristupnim telekomunikacijskim mrežama: Kabeli za vanjsku uporabu (EN 50290-2-23:2013)
Communication cables – Part 2-23: Common design rules and construction – Polyethylene insulation for multi-pair cables used in access telecommunication networks: Outdoor cables (EN 50290-2-23:2013)
- HRN EN 50290-2-25:2014 en pr
Komunikacijski kabeli – Dio 2-25: Opća pravila konstruiranja i izrada – Polipropilenske izolacijske smjese (EN 50290-2-25:2013)
Communication cables – Part 2-25: Common design rules and construction – Polypropylene insulation compounds (EN 50290-2-25:2013)
- HRN EN 62629-1-2:2014 en pr
3D Display devices – Part 1-2: Generic – Terminology and letter symbols (IEC 62629-1-2:2013; EN 62629-1-2:2013)
- HRN EN 62629-22-1:2014 en pr
3D display devices – Part 22-1: Measuring methods for autostereoscopic displays – Optical (IEC 62629-22-1:2013; EN 62629-22-1:2013)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacrtima hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacrtu hrvatske norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo). Nacrta su hrvatskih norma zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 548, Konstrukcijski eurokodovi

- nHRN EN 1998-1:2011/A1 hr pp
Eurokod 8: Projektiranje potresne otpornosti konstrukcija – 1. dio: Opća pravila, potresna djelovanja i pravila za zgrade (EN 1998-1:2004/A1:2013)
Eurocode 8: Design of structures for earthquake resistance – Part 1: General rules, seismic actions and rules for buildings (EN 1998-1:2004/A1:2013)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma. Pisane primjedbe na prijedloge za prihvaćanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 5, Metalne cijevi i priključci

- prEN 1514-2 en
Flanges and their joints – Gaskets for PN-designated flanges – Part 2: Spiral wound gaskets for use with steel flanges
Prirubnice i njihovi spojevi – Brtve za prirubnice s PN-oznacom – 2. dio: Spiralne brtve za uporabu s čeličnim prirubicama

HZN/TO 8, Brodogradnja

- ISO/R 784:1968 en
Conventional signs to be used in schemes for the installations of sanitary systems in ships
Konvencionalne oznake za uporabu u shemama instalacija sanitarnih sustava na brodovima
- ISO 799:2004 en
Ships and marine technology – Pilot ladders
Brodovi i pomorska tehnologija – Peljarske ljestve
- ISO 3730:2012 en
Shipbuilding and marine structures – Mooring winches
Brodovi i pomorske konstrukcije – Privezna vitla
- ISO 4568:2006 en
Shipbuilding – Sea-going vessels – Windlasses and anchor capstans
Brodogradnja – Pomorski plovni objekti – Vitla i sidrena vitla
- ISO 5489:2008 en
Ships and marine technology – Embarkation ladders
Brodovi i pomorska tehnologija – Ljestve za iskrcavanje u nuždi
- ISO 6050:1987 en
Shipbuilding – Bulbous bow and side thruster symbols
Brodogradnja – Oznake pramčanog bulba i bočnih propulzora

- prEN ISO 6185-3 en
Inflatable boats – Part 3: Boats with a maximum motor power rating of 15 kW and greater (ISO/DIS 6185-3:2013)
Brodice na napuhavanje – 3. dio: Brodice sa najvećom snagom motora od 15 kW i veće (ISO/DIS 6185-3:2013)
- ISO 6482:1980 en
Shipbuilding – Deck machinery – Warping end profiles
Brodogradnja – Palubni strojevi – Profili bubnja za namatanje užeta
- ISO 7365:2012 en
Shipbuilding and marine structures – Deck machinery – Towing winches for deep sea use
Brodovi i pomorske konstrukcije – Palubni strojevi – Vitla za tegalj, teška izvedba
- ISO 7608:1985 en
Shipbuilding – Inland navigation – Couplings for disposal of oily mixture and sewage water
Brodogradnja – Unutarnja plovidba – Spojnice za odlaganje zaujlene smjese i otpadne vode
- ISO 8277:2013 en
Ships and marine technology – Pipework and machinery – Information transfer
Brodovi i pomorska tehnologija – Izrada cjevovoda i strojevi – Prijenos informacija
- ISO 8468:2007 en
Ships and marine technology – Ship's bridge layout and associated equipment – Requirements and guidelines
Brodovi i pomorska tehnologija – Razmještaj kormilarnice i pripadajuća oprema – Zahtjevi i smjernice
- ISO 9089:1989 en
Marine structures – Mobile offshore units – Anchor winches
Pomorske konstrukcije – Pokretni odobalni objekti – Sidrena vitla
- ISO 9382:1990 en
Shipborne barges, all series – Classification and main requirements
Teglenice za prijevoz brodom, sve vrste – Razredba i glavni zahtjevi
- ISO 9943:2009 en
Shipbuilding – Ventilation and air-treatment of galleys and pantries with cooking appliances
Brodogradnja – Ventilacija i obrada zraka brodskih kuhinja i smočnica s uređajima za kuhanje
- prEN ISO 10239 en
Small craft – Liquefied petroleum gas (LPG) systems (ISO/DIS 10239:2013)
Mala plovila – Sustav ukapljenih naftnih plinova (ISO/DIS 10239:2013)
- EN ISO 10240:2004/prA1 en
Small craft – Owner's manual (ISO 10240:2004/DAM 1:2013)
Mala plovila – Knjiga uputa (ISO 10240:2004/DAM 1:2013)
- ISO 15016:2002 en
Ships and marine technology – Guidelines for the assessment of speed and power performance by analysis of speed trial data
Brodovi i pomorska tehnologija – Smjernice za ocjenu brzine i snage pomoću analize podataka s probne vožnje
- ISO 15370:2010 en
Ships and marine technology – Low-location lighting (LLL) on passenger ships – Arrangement
Brodovi i pomorska tehnologija – Nisko smještena rasvjeta na putničkim brodovima (LLL) – Razmještaj
- ISO 15371:2009 en
Ships and marine technology – Fire-extinguishing systems for protection of galley cooking equipment
Brodovi i pomorska tehnologija – Protupožarni sustavi za zaštitu opreme za kuhanje u brodske kuhinji
- ISO 15516:2006 en
Ships and marine technology – Launching appliances for davit-launched lifeboats
Brodovi i pomorska tehnologija – Uređaji za spuštanje čamaca za spašavanje sa soha
- ISO 15583:2005 en
Ships and marine technology – Maritime standards list
Brodovi i pomorska tehnologija – Popis pomorskih norma
- ISO 16155:2006 en
Ships and marine technology – Computer applications – Shipboard loading instruments
Brodovi i pomorska tehnologija – Primjena računala – Brodski instrumenti za ukrcaj
- ISO 16165:2013 en
Ships and marine technology – Marine environment protection – Terminology relating to oil spill response
Brodovi i pomorska tehnologija – Zaštita pomorskog okoliša – Nazivlje iz područja intervencija pri onečišćenju uljem
- ISO/PAS 16917:2002 en
Ships and marine technology – Data transfer standard for maritime, intermodal transportation and security
Brodovi i pomorska tehnologija – Norma za prijenos podataka za pomorski, intermodalni prijevoz i sigurnost
- ISO 17631:2002+Cor 1:2002+Amd 1:2010 en
Ships and marine technology – Shipboard plans for fire protection, life-saving appliances and means of escape
Brodovi i pomorska tehnologija – Brodski planovi za zaštitu od požara, sredstva za spašavanje i načini za bijeg
- ISO 18770:2005 en
Ships and marine technology – Machinery-space flammable oil systems – Prevention of leakage of flammable oil
Brodovi i pomorska tehnologija – Sustavi zapaljivih ulja u prostorijama sa strojevima – Sprječavanje istjecanja zapaljivih ulja
- prEN ISO 18854 en
Small craft – Reciprocating internal combustion engines exhaust emission measurement – Test-bed measurement of gaseous and particulate exhaust emissions (ISO/DIS 18854:2013)
- prEN ISO 19009 en
Small craft – Electric navigation lights – Performance (ISO/DIS 19009:2013)
- EN ISO 21487:2012/prA1 en
Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012/DAM 1:2013)
Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo (ISO 21487:2012/DAM 1:2013)
- ISO 22090-2:2004+Cor 1:2005 en
Ships and marine technology – Transmitting heading devices (THDs) – Part 2: Geomagnetic principles
Brodovi i pomorska tehnologija – Uređaji za prijenos kursa (THDs) – 2. dio: Geomagnetska načela
- ISO 22472:2006 en
Ships and marine technology – Guidelines for the operation and installation of voyage data recorders (VDR)
Brodovi i pomorska tehnologija – Smjernice za rad i ugradnju zapisivača podataka o putovanju broda (VDR)

- EN ISO 25197:2012/prA1 en
Small craft – Electrical/electronic control systems for steering, shift and throttle
(ISO 25197:2012/DAM 1:2013)
Mala plovila – Električno/elektronski nadzorni sustavi za kormilarenje, osovina i regulator
(ISO 25197:2012/DAM 1:2013)
- ISO 25862:2009 en
Ships and marine technology – Marine magnetic compasses, binnacles and azimuth reading devices
Brodovi i pomorska tehnologija – Magnetni kompas, postolja kompasa i uređaji za očitavanje azimuta
- ISO 28000:2007 en
Specification for security management systems for the supply chain
Zahtjevi za sustave upravljanja sigurnošću opskrbnog lanca
- ISO 28001:2007 en
Security management systems for the supply chain – Best practices for implementing supply chain security, assessments and plans – Requirements and guidance
Sustavi upravljanja sigurnošću opskrbnog lanca – Najbolje prakse za primjenu sigurnosti opskrbnog lanca, ocjene i planovi – Zahtjevi i smjernice
- ISO 28003:2007 en
Security management systems for the supply chain – Requirements for bodies providing audit and certification of supply chain security management systems
Sustavi upravljanja sigurnošću opskrbnog lanca – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja sigurnošću opskrbnog lanca
- ISO 28004-1:2007+Cor 1:2012 en
Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 1: General principles
Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 1. dio: Opća načela
- ISO/PAS 28004-2:2012 en
Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 2: Guidelines for adopting ISO 28000 for use in medium and small seaport operations
Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 2. dio: Smjernice za prihvaćanje ISO 28000 za uporabu u aktivnostima u srednjim i malim morskim lukama
- ISO/PAS 28004-3:2012 en
Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 3: Additional specific guidance for adopting ISO 28000 for use by medium and small businesses (other than marine ports)
Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 3. dio: Dodatne posebne upute za prihvaćanje ISO 28000 za uporabu od strane srednjih i malih poduzeća (osim morskih luka)
- ISO/PAS 28004-4:2012 en
Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 4: Additional specific guidance on implementing ISO 28000 if compliance with ISO 28001 is a management objective
Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 4. dio: Dodatne posebne upute za primjenu ISO 28000 ako je sukladnost s ISO 28001 cilj uprave

HZN/TO 21, Protupožarna i vatrogasna oprema

- prEN 3-8 en
Portable fire extinguishers – Part 8: 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 3-7
Prijenosni vatrogasni aparati – 8. dio: Zahtjevi za konstrukciju, otpornost na pritisak i mehaničko ispitivanje vatrogasnih aparata s maksimalnim dozvoljenim pritiskom jednakim ili nižim od 30 bara sukladno zahtjevima norme EN 3-7

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

- EN 15503:2009/prA2 en
Garden equipment – Garden blowers, vacuums and blowers/vacuums – Safety
Oprema za vrtove i parkove – Vrtni ventilatori, usisači i ventilatori/usisači – Sigurnost
- prEN ISO 16119-4 en
Agricultural and forestry machinery – Environmental requirements for sprayers – Part 4: Fixed and semi-mobile sprayers (ISO/DIS 16119-4:2013)
- prEN ISO 16122-4 en
Agricultural and forestry machines – Inspection of sprayers and liquid fertilizer distributors in use – Part 4: Fixed and semi mobile sprayers (ISO/DIS 16122-4:2013)
- prEN 16517 en
Agricultural and forestry machinery – Mobile yarders for timber logging – Safety

HZN/TO 25, Ljevarstvo

- prEN 1754 en
Magnesium and magnesium alloys – Designation system for anodes, ingots and castings – Material numbers and material symbols
Magnezij i magnezijeve legure – Sustav označavanja za anode, ingote i odljevke – Brojevi materijala i simboli materijala

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

- prEN ISO 6647-1 en
Rice – Determination of amylose content – Part 1: Reference method (ISO/DIS 6647-1:2013)
Riža – Određivanje sadržaja amiloze – 1. dio: Referentna metoda (ISO/DIS 6647-1:2013)
- prEN ISO 6647-2 en
Rice – Determination of amylose content – Part 2: Routine methods (ISO/DIS 6647-2:2013)
Riža – Određivanje sadržaja amiloze – 2. dio: Rutinska metoda (ISO/DIS 6647-2:2013)

HZN/TO 34/PO 10, Poljoprivredni i prehrambeni proizvodi; Senzorske analize

- ISO 3972:2011+Cor 1:2012 en
Sensory analysis – Methodology – Method of investigating sensitivity of taste
Senzorske analize – Metodologija – Metoda za ispitivanje osjetljivosti okusa
- ISO 8587:2006/Amd 1:2013 en
Sensory analysis – Methodology – Ranking
Senzorske analize – Metodologija – Nizanje

- EN ISO 8589:2010/FprA1 en
Sensory analysis – General guidance for the design of test rooms (ISO 8589:2010/FDAM 1:2013)
Senzorske analize – Opće uputstvo za projektiranje prostorija za ispitivanje (ISO 8589:2010/FDAM 1:2013)
- ISO 11037:2011 en
Sensory analysis – Guidelines for sensory assessment of the colour of products
Senzorske analize – Smjernice za senzorsko ocjenjivanje boje proizvoda
- ISO 11056:1999/Amd 1:2013 en
Sensory analysis – Methodology – Magnitude estimation method
Senzorske analize – Metodologija – Metoda procjene veličine
- ISO 11132:2012 en
Sensory analysis – Methodology – Guidelines for monitoring the performance of a quantitative sensory panel
Senzorska analiza – Metodologija – Smjernice za praćenje karakteristika kvantitativnog senzorskog panela
- ISO 29842:2011 en
Sensory analysis – Methodology – Balanced incomplete block designs
Senzorske analize – Metodologija – Uravnoteženi nepotpuni blok dizajni

HZNTO 34/PO 17, Poljoprivredni i prehrambeni proizvodi; Sustavi upravljanja za sigurnost hrane

- ISO/TS 22002-4:2013 en
Prerequisite programmes on food safety – Part 4: Food packaging manufacturing
Preduvjetni programi za sigurnost hrane – 4. dio: Proizvodnja ambalaže za hranu
- ISO/TS 22003:2013 en
Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems
Sustavi upravljanja sigurnošću hrane – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja sigurnošću hrane

HZNTO 35, Boje i lakovi

- prEN 927-2 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 2: Performance specification
- prEN ISO 4618 en
Paints and varnishes – Terms and definitions (ISO/DIS 4618:2012)
Boje i lakovi – Nazivi i definicije (ISO/DIS 4618:2012)
- CEN/TS 16499:2013 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Resistance to blocking of paints and varnishes on wood
Boje i lakovi – Premazna sredstva i premazni sustavi za drvo u vanjskim prostorima – Otpornost na sljepljivanje boja i lakova na drvo
- FprEN 16566 en
Paints and varnishes – Fillers for internal and/or external works – Adaptation of fillers to European standards
- prEN ISO 17463 en
Paints and varnishes – Determination of the corrosion protection properties of organic coatings by the accelerated cyclic electrochemical technique (ACET) (ISO/DIS 17463:2013)

HZNTO 43, Akustika

- prEN ISO 16283-2 en
Acoustics – Field measurement of sound insulation in buildings and of building elements – Part 2: Impact sound insulation (ISO/DIS 16283-2:2013)
Akustika – Terensko mjerenje zvučne izolacije zgrada i građevnih dijelova zgrade – 2. dio: Udarina zvučna izolacija (ISO/DIS 16283-2:2013)

HZNTO 44, Zavarivanje i srodni postupci

- prEN ISO 636 en
Welding consumables – Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels – Classification (ISO/DIS 636:2013)
Dodatni i potrošni materijali za zavarivanje – Šipke, žice i depoziti za TIG zavarivanje nelegiranih i sitnozrnatih čelika – Razredba (ISO/DIS 636:2013)
- prEN ISO 3834-5 en
Quality requirements for fusion welding of metallic materials – Part 5: Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4 (ISO/DIS 3834-5:2014)
Zahtjevi za kvalitetu zavarivanja taljenjem metalnih materijala – 5. dio: Dokumenti kojih se treba pridržavati za traženje usklađivanja prema zahtjevima za kvalitetu prema ISO 3834-2, ISO 3834-3 ili ISO 3834-4 (ISO/DIS 3834-5:2014)
- prEN ISO 9454-1 en
Soft soldering fluxes – Classification and requirements – Part 1: Classification, labelling and packaging (ISO/DIS 9454-1:2014)
Talila za meko lemljenje – Razredba i zahtjevi – 1. dio: Razredba, obilježavanje i pakiranje (ISO/DIS 9454-1:2014)
- EN ISO 14113:2013 en
Gas welding equipment – Rubber and plastics hose and hose assemblies for use with industrial gases up to 450 bar (45 MPa) (ISO 14113:2013)
Oprema za plinsko zavarivanje – Gumena i plastična crijeva i crijevni sklopovi za upotrebu pri industrijskim plinovima do 450 bara (45 MPa) (ISO 14113:2013)
- prEN ISO 14172 en
Welding consumables – Covered electrodes for manual metal arc welding of nickel and nickel alloys – Classification (ISO/DIS 14172:2013)
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje nikla i legura nikla – Razredba (ISO/DIS 14172:2013)
- prEN ISO 15614-8 en
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 8: Welding of tubes to tube-plate joints (ISO/DIS 15614-8:2014)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 8. dio: Zavarivanje cijevi na cijevnu stijenu (ISO/DIS 15614-8:2014)
- prEN ISO 17632 en
Welding consumables – Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of non-alloy and fine grain steels – Classification (ISO/DIS 17632:2013)
Dodatni i potrošni materijali za zavarivanje – Punjene žice za elektrolučno zavarivanje sa zaštitom plina i bez zaštite plina za nelegirane i sitnozrnate čelike – Razredba (ISO/DIS 17632:2013)
- prEN ISO 18278-1 en
Resistance welding – Weldability – Part 1: Assessment of weldability for resistance spot, seam and projection welding of metallic materials (ISO/DIS 18278-1:2013)

Elektrootporno zavarivanje – Zavarljivost – 1. dio:
Ocjena zavarljivosti za točkasto, šavno i bradavičasto
zavarivanje metalnih materijala (ISO/DIS 18278-
1:2013)

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

EN 13710:2011 en
European Ordering Rules – Ordering of characters
from Latin, Greek, Cyrillic, Georgian and Armenian
scripts
Europska pravila poretka – Poredak znakova
u latinskom, grčkom, ćirilicom, gruzijskom i
armenskom pismu

HZN/TO 54, Eterična ulja

FprEN ISO 3218 en
Essential oils – Principles of nomenclature
(ISO/FDIS 3218:2014)
Eterična ulja – Načela nomenklature
(ISO/FDIS 3218:2014)

HZN/TO 71, Beton

FprCEN/TR 16639 en
Use of k-value concept, equivalent concrete
performance concept and equivalent performance of
combinations conceptm

HZN/TO 92, Zaštita od požara

FprEN 1366-1 en
Fire resistance tests for service installations – Part 1:
Ventilation ducts
Ispitivanja otpornosti na požar instalacija – 1. dio:
Ventilacijski kanali

HZN/TO 126, Duhan i duhanski proizvodi

ISO 3308:2012 en
Routine analytical cigarette-smoking machine –
Definitions and standard conditions
Rutinski analitički stroj za pušenje cigareta – Definicije
i normirani uvjeti

ISO 6565:2011 en
Tobacco and tobacco products – Draw resistance of
cigarettes and pressure drop of filter rods – Standard
conditions and measurement
Duhan i duhanski proizvodi – Otpor uvlačenju cigareta
i pad tlaka filter štapića – Normirani uvjeti i mjerenje

ISO 8243:2013 en
Cigarettes – Sampling
Cigarette – Uzorkovanje

ISO 10362-2:2013 en
Cigarettes – Determination of water in smoke
condensates – Part 2: Karl Fischer method
Cigarette – Određivanje vode u dimnom kondenzatu –
2. dio: Karl Fischerova metoda

ISO 13110:2012 en
Cigarettes – Determination of menthol in smoke
condensates – Gas-chromatographic method
Cigarette – Određivanje mentola u dimnom
kondenzatu – Metoda plinske kromatografije

ISO 16055:2012 en
Tobacco and tobacco products – Monitor test piece –
Requirements and use
Duhan i duhanski proizvodi – Etalonska cigareta –
Zahtjevi i upotreba

ISO 20193:2012 en
Tobacco and tobacco products – Determination of the
width of the strands of cut tobacco
Duhan i duhanski proizvodi – Određivanje širine
vlakana rezanog duhana

HZN/TO 134, Gnojiva i poboljšivači tla

EN 16317:2013 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

EN 16318:2013 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)

EN 16319:2013 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

EN 16320:2013 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

HZN/TO 135, Nerazorna ispitivanja

EN 12668-3:2013 en
Non-destructive testing – Characterization and
verification of ultrasonic examination equipment –
Part 3: Combined equipment
Nerazorno ispitivanje – Karakterizacija i provjeravanje
opreme za ispitivanje ultrazvukom – 3. dio:
Kombinirana oprema

EN 15317:2013 en
Non-destructive testing – Ultrasonic testing –
Characterization and verification of ultrasonic
thickness measuring equipment
Nerazorno ispitivanje – Ispitivanje ultrazvukom –
Karakterizacija i provjeravanje opreme za mjerenje
debljine ultrazvukom

HZN/TO 136, Namještaj

FprEN 1021-1 en
Furniture – Assessment of the ignitability of
upholstered furniture – Part 1: Ignition source
smouldering cigarette
Namještaj – Procjena zapaljivosti ojastućenog
namještaja – 1. dio: Izvor zapaljenja tinjajuća cigareta

- FprEN 1021-2 en
Furniture – Assessment of the ignitability of upholstered furniture – Part 2: Ignition source match flame equivalent
Namještaj – Procjena zapaljivosti ojastučenog namještaja – 2. dio: Izvor zapaljenja jednakovrijedan plamenu šibice
- EN 15939:2011+A1:2014 en
Hardware for furniture – Strength and loading capacity of wall attachment devices
Okov za namještaj – Čvrstoća i nosivost opreme koja se stavlja na zid

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

- FprEN ISO 9308-2 en
Water quality – Enumeration of Escherichia coli and coliform bacteria – Part 2: Most probable number method (ISO 9308-2:2012)
Kvaliteta vode – Brojenje Escherichia coli i koliformnih bakterija – 2. dio: Metoda najvjerojatnijega broja (ISO 9308-2:2012)
- prEN 14757 en
Water quality – Sampling of fish with multi-mesh gillnets
Kvaliteta vode – Uzorkovanje riba mrežama različitih veličina oka
- EN 15910:2014 en
Water quality – Guidance on the estimation of fish abundance with mobile hydroacoustic methods
Kvaliteta vode – Upute za procjenu brojnosti riba mobilnim hidroakustičnim metodama

HZN/TO 172, Optika i optički instrumenti

- ISO 9211-4:2012 en
Optics and photonics – Optical coatings – Part 4: Specific test methods
- FprEN ISO 10343 en
Ophthalmic instruments – Ophthalmometers (ISO/FDIS 10343:2014)
- prEN ISO 11151-1 en
Lasers and laser-related equipment – Standard optical components – Part 1: Components for the UV, visible and near-infrared spectral ranges (ISO/DIS 11151-1:2013)
Laseri i pridružena oprema – Standardne optičke komponente – 1. dio: Komponente za UV, vidljivo i blisko infracrveno spektralno područje (ISO/DIS 11151-1:2013)
- prEN ISO 11151-2 en
Lasers and laser-related equipment – Standard optical components – Part 2: Components for the infrared spectral range (ISO/DIS 11151-2:2013)
Laseri i oprema povezana s laserima – Standardne optičke komponente – 2. dio: Komponente za infracrveno spektralno područje (ISO/DIS 11151-2:2013)
- FprEN ISO 11978 en
Ophthalmic optics – Contact lenses and contact lens care products – Labelling (ISO/DIS 11978:2013)
- FprEN ISO 11979-6 en
Ophthalmic implants – Intraocular lenses – Part 6: Shelf-life and transport stability (ISO/DIS 11979-6:2013)
Oftalmološki implantanti – Intraokularne leće – 6. dio: Spremnik za leće i stabilnost transporta (ISO/DIS 11979-6:2013)

- EN ISO 11979-9:2006/prA1 en
Ophthalmic implants – Intraocular lenses – Part 9: Multifocal intraocular lenses (ISO 11979-9:2006/DAM 1:2013)
Oftalmološki implantanti – Intraokularne leće – 9. dio: Višežarišne intraokularne leće (ISO 11979-9:2006/DAM 1:2013)
- EN ISO 11979-10:2006/prA1 en
Ophthalmic implants – Intraocular lenses – Part 10: Phakic intraocular lenses (ISO 11979-10:2006/DAM 1:2013)
Oftalmološki implantanti – Intraokularne leće – 10. dio: Intraokularne leće za afakiju (ISO 11979-10:2006/DAM 1:2013)
- ISO 12858-2:1999/Amd 1:2013 en
Optics and optical instruments – Ancillary devices for geodetic instruments – Part 2: Tripods – Amendment 1: Length of tripods
Optika i optički instrumenti – Pomoćni uređaji za geodetske uređaje – 2. dio: Tronošci – Amandman 1: Duljina tronožaca
- FprEN ISO 13212 en
Ophthalmic optics – Contact lens care products – Guidelines for determination of shelf-life (ISO/DIS 13212:2013)
Oftalmološka optika – Proizvodi za održavanje kontaktnih leća – Smjernice za određivanje roka uporabe (ISO/DIS 13212:2013)
- ISO 17123-4:2012 en
Optics and optical instruments – Field procedures for testing geodetic and surveying instruments – Part 4: Electro-optical distance meters (EDM measurements to reflectors)
Optika i optički instrumenti – Terenski postupci za ispitivanje geodetskih instrumenata i instrumenata izmjere – 4. dio: Elektrooptički daljinomjeri (EDM instrumenti)
- ISO 17123-5:2012 en
Optics and optical instruments – Field procedures for testing geodetic and surveying instruments – Part 5: Total stations
Optika i optički instrumenti – Terenski postupci za ispitivanje geodetskih instrumenata i instrumenata izmjere – 5. dio: Geodetske mjerne stanice
- ISO 17123-6:2012 en
Optics and optical instruments – Field procedures for testing geodetic and surveying instruments – Part 6: Rotating lasers
Optika i optički instrumenti – Terenski postupci za ispitivanje geodetskih instrumenata i instrumenata izmjere – 6. dio: Rotirajući laseri

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

- prEN 81-72 en
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 72: Firefighters lifts
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 72. dio: Vatrogasna dizala
- ISO 18738-1:2012 en
Measurement of ride quality – Part 1: Lifts (elevators)
Mjerenje kvalitete vožnje – 1. dio: Dizala
- ISO 18738-2:2012 en
Measurement of ride quality – Part 2: Escalators and moving walks
Mjerenje kvalitete vožnje – 2. dio: Pokretne stube i pokretne trake

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

prEN 13209-2 en
Child use and care articles – Baby carriers – Part 2:
Soft carrier

HZN/TO 211, *Geoinformacije/Geomatika*

CEN/TR 15449-4:2013 en
Geographic information – Spatial Data Infrastructure
– Part 4: Service centric view
Geoinformacije – Infrastruktura prostornih podataka
– 4. dio: Pogled usmjeren na uslugu

HZN/TO 215, *Medicinska informatika*

EN ISO 11073-10103:2013 en
Health informatics – Point-of-care medical device
communication – Part 10103: Nomenclature –
Implantable device, cardiac
(ISO/IEEE 11073-10103:2013)

prEN ISO 13940 en
Health informatics – System of concepts to support
continuity of care (ISO/DIS 13940:2012)
Medicinska informatika – Sustav koncepata za
potporu kontinuiteta zdravstvene zaštite
(ISO/DIS 13940:2012)

CEN ISO/TS 14441:2013 en
Health informatics – Security and privacy
requirements of EHR systems for use in conformity
assessment (ISO/TS 14441:2013)

ISO/TR 16056-1:2004 en
Health informatics – Interoperability of telehealth
systems and networks – Part 1: Introduction and
definitions
Medicinska informatika – Interoperabilnost
telemedicinskih sustava i mreža – 1. dio: Uvod i definicije

ISO/TR 16056-2:2004 en
Health informatics – Interoperability of telehealth
systems and networks – Part 2: Real-time systems
Medicinska informatika – Interoperabilnost telemedi-
cinskih sustava i mreža – 2. dio: Sustavi u stvarnom
vremenu

ISO/TS 16058:2004 en
Health informatics – Interoperability of telelearning
systems
Medicinska informatika – Interoperabilnost teleduka-
cijskih sustava

ISO 17115:2007 en
Health informatics – Vocabulary on terminological
systems
Medicinska informatika – Terminološki rječnik za
sustave nazivlja

ISO/TS 17117:2002 en
Health informatics – Controlled health terminology –
Structure and high-level indicators
Medicinska informatika – Kontrolirano zdravstveno
nazivlje – Strukturni pokazatelji i pokazatelji visoke
razine

ISO/TR 17119:2005 en
Health informatics – Health informatics profiling
framework
Medicinska informatika – Okvir za profiliranje
medicinske informatike

ISO 17432:2004 en
Health informatics – Messages and communication –
Web access to DICOM persistent objects
Medicinska informatika – Poruke i komunikacija –
Web pristup objektima zapisanim u format DICOM

ISO/TR 18307:2001 en
Health informatics – Interoperability and compatibility
in messaging and communication standards – Key
characteristics
Medicinska informatika – Interoperabilnost i
kompatibilnost norma za komunikaciju i slanje
poruka – Ključne značajke

ISO 20301:2006 en
Health informatics – Health cards – General
characteristics
Medicinska informatika – Zdravstvene kartice – Opće
značajke

ISO 20302:2006 en
Health informatics – Health cards – Numbering system
and registration procedure for issuer identifiers
Medicinska informatika – Zdravstvene kartice
– Sustav numeriranja i postupci registracije
identifikacijskih oznaka izdavatelja

ISO/TR 20514:2005 en
Health informatics – Electronic health record –
Definition, scope and context
Medicinska informatika – Elektronički zdravstveni
zapis – Definicija, opseg i kontekst

ISO/TR 21089:2004 en
Health Informatics – Trusted end-to-end information
flows
Medicinska informatika – Pouzdani informacijski
tokovi između dviju točaka

EN ISO 21091:2013 en
Health informatics – Directory services for healthcare
providers, subjects of care and other entities
Medicinska informatika – Imenički servisi za davatelje
i primatelje zdravstvenih usluga i druge subjekte

EN ISO 21549-1:2013 en
Health informatics – Patient healthcard data – Part 1:
General structure (ISO 21549-1:2013)
Medicinska informatika – Podaci na zdravstvenoj
kartici pacijenta – 1. dio: Opći ustroj
(ISO 21549-1:2013)

FprEN ISO 22600-1 en
Health informatics – Privilege management and
access control – Part 1: Overview and policy
management (ISO/DIS 22600-1:2012)

FprEN ISO 22600-2 en
Health informatics – Privilege management and
access control – Part 2: Formal models
(ISO/DIS 22600-2:2012)

FprEN ISO 22600-3 en
Health informatics – Privilege management and
access control – Part 3: Implementations
(ISO/DIS 22600-3:2012)

HZN/TO 502, *Plinski uređaji*

EN 125:2010/prA1 en
Flame supervision devices for gas burning appliances
– Thermoelectric flame supervision devices
Naprave za nadzor plamena za plinske aparate –
Termoelektrični osigurači paljenja

prEN 203-2-1 en
Gas heated catering equipment – Part 2-1: Specific
requirements – Open burners and wok burners
Plinski uređaji za velike kuhinje – Dio 2-1: Posebni
zahtjevi – Otvoreni plamenici i wok plamenici

prEN 203-2-3 en
Gas heated catering equipment – Part 2-3: Specific
requirements – Boiling pans
Plinski uređaji za velike kuhinje – Dio 2-3: Posebni
zahtjevi – Kotlovi

prEN 13611 en
Safety and control devices for burners and appliances burning gaseous or liquid fuels – General Requirements

HZN/TO 503, Metalni materijali

prEN ISO 683-17 en
Heat-treated steels, alloy steels and free-cutting steels – Part 17: Ball and roller bearing steels (ISO/DIS 683-17:2013)

Toplinski obrađeni čelici, legirani čelici i čelici za obradu na automatima – 17. dio: Čelici za kuglične i valjkaste ležaje (ISO/DIS 683-17:2013)

FprEN 851 en
Aluminium and aluminium alloys – Circle and circle stock for the production of culinary utensils – Specifications
Aluminij i aluminijeve legure – Rondele i materijal za rondele za proizvodnju kuhinjskog posuđa – Specifikacije

FprEN 941 en
Aluminium and aluminium alloys – Circle and circle stock for general application – Specifications
Aluminij i aluminijeve legure – Rondele i materijal za rondele za opću primjenu – Specifikacije

prEN ISO 4829-2 en
Steel and iron – Determination of total silicon content – Reduced molybdosilicate spectrophotometric method – Part 2: Silicon contents between 0,01 and 0,05 % (ISO/DIS 4829-2:2013)
Čelik i željezni ljev – Određivanje ukupnog sadržaja silicija – Spektrofotometrijska metoda pomoću reduciranog molibdensilikata – 2. dio: Sadržaj silicija između 0,01 i 0,05% (ISO/DIS 4829-2:2013)

prEN ISO 4938 en
Steel and irons – Determination of nickel content – Gravimetric or titrimetric method (ISO/DIS 4938:2013)
Čelik i željezni ljev – Određivanje sadržaja nikla – Gravimetrijska ili titrimetrijska metoda (ISO/DIS 4938:2013)

prEN ISO 6506-1 en
Metallic materials – Brinell hardness test – Part 1: Test method (ISO/DIS 6506-1:2013)
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 1. dio: Ispitna metoda (ISO/DIS 6506-1:2013)

prEN ISO 6506-2 en
Metallic materials – Brinell hardness test – Part 2: Verification and calibration of testing machines (ISO/DIS 6506-2:2013)
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja (ISO/DIS 6506-2:2013)

prEN ISO 6506-3 en
Metallic materials – Brinell hardness test – Part 3: Calibration of reference blocks (ISO/DIS 6506-3:2013)
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 3. dio: Umjeravanje referentnih pločica (ISO/DIS 6506-3:2013)

prEN ISO 6506-4 en
Metallic materials – Brinell hardness test – Part 4: Table of hardness values (ISO/DIS 6506-4:2013)
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 4. dio: Tablica vrijednosti tvrdoća (ISO/DIS 6506-4:2013)

prEN ISO 6508-1 en
Metallic materials – Rockwell hardness test – Part 1: Test method (ISO/DIS 6508-1:2013)
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 1. dio: Metoda ispitivanja (ISO/DIS 6508-1:2013)

prEN ISO 6508-2 en
Metallic materials – Rockwell hardness test – Part 2: Verification and calibration of testing machines and indenters (ISO/DIS 6508-2:2013)
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja i utiskivača (ISO/DIS 6508-2:2013)

prEN ISO 6508-3 en
Metallic materials – Rockwell hardness test – Part 3: Calibration of reference blocks (ISO/DIS 6508-3:2013)
Metalni materijali – Ispitivanje tvrdoće prema Rockwellu – 3. dio: Umjeravanje referentnih pločica (ISO/DIS 6508-3:2013)

prEN ISO 6892-3 en
Metallic materials – Tensile testing – Part 3: Method of test at low temperature (ISO/DIS 6892-3:2013)
Metalni materijali – Ispitivanje vlačne čvrstoće – 3. dio: Metoda ispitivanja pri niskoj temperaturi (ISO/DIS 6892-3:2013)

prEN 10338 en
Hot rolled and cold rolled non-coated products of multiphase steels for cold forming – Technical delivery conditions
Toplo valjani i hladno valjani neprevučeni proizvodi od višefaznoga čelika za hladno oblikovanje – Tehnički uvjeti isporuke

CEN/TR 10345:2013 en
Guideline for statistical data treatment of inter laboratory tests for validation of analytical methods
Upute za statističku obradu podataka međulaboratorijskih ispitivanja za vrednovanje analitičkih metoda

prEN 10346 en
Continuously hot-dip coated steel flat products – Technical delivery conditions
Čelični plosnati proizvodi s prevlakom nanesenom kontinuiranim vrućim uranjanjem – Tehnički uvjeti isporuke

prEN 10361 en
Alloyed steels – Determination of Nickel content – Inductively coupled plasma optical emission spectrometric method
Legirani čelici – Određivanje sadržaja nikla – Spektrometrijska metoda optičke emisijske analize s induktivnom spregnutom plazmom

prEN 15703-2 en
Copper and copper alloys – Determination of manganese content – Part 2: Flame atomic absorption spectrometric method (FAAS)
Bakar i legure bakra – Određivanje sadržaja mangana – 2. dio: Metoda plamene atomske spektrometrijske apsorpcije (FAAS)

prEN ISO 16808 en
Metallic materials – Sheet and strip – Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems (ISO/DIS 16808:2013)
Metalni materijali – Lim i traka – Određivanje krivulje dvoosnog napreznja pomoću ispitivanja dubokim izvlačenjem s optičkim mjernim sustavima (ISO/DIS 16808:2013)

prEN ISO 16859-1 en
Metallic materials – Leeb hardness test – Part 1: Test method (ISO/DIS 16859-1:2013)
Metalni materijali – Ispitivanje tvrdoće prema Leebu – 1. dio: Metoda ispitivanja (ISO/DIS 16859-1:2013)

prEN ISO 16859-2 en
Metallic materials – Leeb hardness test – Part 2: Verification and calibration of the testing devices (ISO/DIS 16859-2:2013)
Metalni materijali – Ispitivanje tvrdoće prema Leebu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja (ISO/DIS 16859-2:2013)

- prEN ISO 16859-3 en
Metallic materials – Leeb hardness test – Part 3:
Calibration of reference test blocks
(ISO/DIS 16859-3:2013)
Metalni materijali – Ispitivanje tvrdoće prema Leebu –
3. dio: Umjeravanje referentnih ispitnih pločica
(ISO/DIS 16859-3:2013)

HZN/TO 505, Prijenos i distribucija plina

- EN 1594:2013 en
Gas infrastructure – Pipelines for maximum operating
pressure over 16 bar – Functional requirements
Plinska infrastruktura – Cjevovodi za najveći radni
tlak preko 16 bara – Funkcijski zahtjevi
- prEN 12007-3 en
Gas infrastructure – Pipelines for maximum operating
pressure up to and including 16 bar – Part 3: Specific
functional requirements for steel
- FprEN 12007-5 en
Gas infrastructure – Pipelines for maximum operating
pressure up to and including 16 bar – Part 5: Service
lines – Specific functional requirements
Plinska infrastruktura – Cjevovodi za najveći radni
pritisak do 16 bara i uključujući 16 bara – 5. dio:
Vodovi za održavanje – Specifični funkcijski zahtjevi
- prEN 12186 en
Gas infrastructure – Gas pressure regulating stations
for transmission and distribution – Functional
requirements
- EN 16348:2013 en
Gas infrastructure – Safety Management System
(SMS) for gas transmission infrastructure and
Pipeline Integrity Management System (PIMS) for
gas transmission pipelines – Functional requirements
Plinska infrastruktura – Sustav upravljanja sigurnošću
(SMS) za infrastrukturu prijenosa plina i sustav
upravljanja cjelovitošću sustava cjevovoda (PIMS) za
cjevovode za prijenos plina – Funkcionalni zahtjevi
- prEN ISO 16903 en
Characteristics of LNG influencing design and
material selection (ISO/DIS 16903:2013)
- prEN ISO 16904 en
Petroleum and natural gas industries – Design and
testing of LNG marine transfer arms for conventional
onshore terminals (ISO/DIS 16904:2013)

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

- FprEN ISO 13354 en
Petroleum and natural gas industries – Drilling
and production equipment – Shallow gas diverter
equipment (ISO/FDIS 13354:2013)
- prEN ISO 17945 en
Materials resistant to sulfide stress cracking in
corrosive petroleum refining environments
(ISO/DIS 17945:2013)
- prEN ISO 19901-8 en
Petroleum and natural gas industries – Specific
requirements for offshore structures – Part 8: Marine
soil Investigations (ISO/DIS 19901-8:2013)

HZN/TO 508, Ambalaža i pakiranje

- prEN 12377 en
Packaging – Flexible tubes – Test method for the air
tightness of closures
Ambalaža – Savitljive tube – Ispitne metode za
ispitivanje zrakonepropusnosti zatvarača

- FprEN 16565 en
Packaging – Flexible tubes – Test method to
determine the orientation of the flip-top cap
- prEN 16592 en
Packaging – Rigid plastic containers – PET finish
29/25 (12,6)
- prEN 16593 en
Packaging – Rigid plastic containers – PET finish
BVS 30H60
- prEN 16594 en
Packaging – Rigid plastic containers – PET finish
26/22 (12,0)

HZN/TO 509, Cestovna oprema

- prEN 1317-5 en
Road restraint systems – Part 5: Product
requirements, test and assessment methods and
acceptance criteria
Zaštitni cestovni sustavi – 5. dio: Zahtjevi za proizvod,
metode ispitivanja i ocjenjivanja i kriterij prihvaćanja

HZN/TO 513, Mjerne jedinice i mjerila

- prEN ISO 4375 en
Hydrometric determinations – Cableway systems for
stream gauging (ISO/DIS 4375:2013)
Hidrometrijska određivanja – Žičare koje se
upotrebljavaju prilikom mjerenja protoka na
vodotocima (ISO/DIS 4375:2013)
- FprEN 13757-1 en
Communication system for and remote reading of
meters – Part 1: Data exchange
- prEN 14154-4 en
Water meters – Part 4: Additional functionalities
- EN ISO 18365:2013 en
Hydrometry – Selection, establishment and operation
of a gauging station (ISO 18365:2013)
Hidrometrija – Odabir, uspostavljanje i rad mjernih
postaja (ISO 18365:2013)

HZN/TO 515, Žičare, uspinjače i vučnice

- prEN 1709 en
Safety requirements for cableway installations
designed to carry persons – Precommissioning
inspection, maintenance, operational inspection and
checks
Sigurnosni zahtjevi za žičare za prijevoz osoba –
Pregledi prije preuzimanja, održavanje, pregledi u
tijeku uporabe i provjere
- prEN 1908 en
Safety requirements for cableway installations
designed to carry persons – Tensioning devices
Sigurnosni zahtjevi za žičare za prijevoz osoba –
Natezni uređaji
- prEN 1909 en
Safety requirements for cableway installations
designed to carry persons – Recovery and evacuation
Sigurnosni zahtjevi za žičare za prijevoz osoba –
Spašavanje i evakuacija
- prEN 12927 en
Safety requirements for cableway installations
designed to carry persons – Ropes
Sigurnosni zahtjevi za žičare za prijevoz osoba –
Užad
- prEN 12929-1 en
Safety requirements for cableway installations
designed to carry persons – General requirements –
Part 1: Requirements for all installations
Sigurnosni zahtjevi za žičare za prijevoz osoba –
Opće odredbe – 1. dio: Zahtjevi za sva postrojenja

- prEN 12929-2 en
Safety requirements for cableway installations designed to carry persons – General requirements – Part 2: Additional requirements for reversible bicable aerial ropeways without carrier truck brakes
Sigurnosni zahtjevi za žičare za prijevoz osoba – Opće odredbe – 2. dio: Dopunjeni zahtjevi za dvoužne žičare sa visećim kabinama bez kočnice na nosivome užetu
- prEN 12930 en
Safety requirements for cableway installations designed to carry persons – Calculations
Sigurnosni zahtjevi za žičare za prijevoz osoba – Proračun
- prEN 13107 en
Safety requirements for cableway installations designed to carry persons – Civil engineering works
Sigurnosni zahtjevi za žičare za prijevoz osoba – Građevinske konstrukcije
- prEN 13223 en
Safety requirements for cableway installations designed to carry persons – Drive systems and other mechanical equipment
Sigurnosni zahtjevi za žičare za prijevoz osoba – Pogonski sustavi i ostali mehanički uređaji
- prEN 13243 en
Safety requirements for cableway installations designed to carry persons – Electrical equipment other than for drive systems
Sigurnosni zahtjevi za žičare za prijevoz osoba – Električna oprema koja nije namijenjena za sustave vožnje

HZN/TO 519, Adhezivi

- prEN 16556 en
Adhesives – Determination of the open assembly time for thermoplastic wood adhesives for non-structural applications

HZN/TO 524, Cestovni prijevoz i prometna telematika

- prEN ISO 12813 en
Electronic fee collection – Compliance check communication for autonomous systems (ISO/DIS 12813:2013)
Elektronička naplata – Komunikacija provjere sukladnosti za autonomne sustave (ISO/DIS 12813:2013)
- prEN ISO 13141 en
Electronic fee collection – Localisation augmentation communication for autonomous systems (ISO/DIS 13141:2013)
Elektronička naplata – Komunikacija pojačane lokalizacije za autonomne sustave (ISO/DIS 13141:2013)
- FprCEN/TR 16690 en
Electronic fee collection – Guidelines for EFC applications based on in-vehicle ITS stations
Elektronička naplata – Smjernice za aplikacije elektroničke naplate utemeljene na ITS uređajima u vozilima
- FprCEN/TS 16702 en
Electronic fee collection – Secure monitoring for autonomous toll systems – Part 1: Compliance checking
Elektronička naplata – Sigurnosno nadgledanje za autonomne sustave naplate – 1. dio: Provjeravanje sukladnosti

- FprCEN ISO/TS 17419 en
Intelligent transport systems – Co-operative systems – Classification and management of ITS applications in a global context (ISO/DTS 17419:2013)
Inteligentni transportni sustavi – Kooperativni sustavi – Razredba i upravljanje ITS aplikacijama u globalnom kontekstu (ISO/DTS 17419:2013)
- FprCEN ISO/TS 17423 en
Intelligent transport systems – Co-operative systems – ITS application requirements and objectives for selection of communication profiles (ISO/DTS 17423:2013)
Inteligentni transportni sustavi – Kooperativni sustavi – Zahtjevi i ciljevi za odabir komunikacijskih profila za ITS aplikacije (ISO/DTS 17423:2013)
- prEN ISO 17575-2 en
Electronic fee collection – Application interface definition for autonomous systems – Part 2: Communication and connection to the lower layers (ISO/DIS 17575-2:2013)
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 2. dio: Komunikacija i povezivanje s nižim slojevima (ISO/DIS 17575-2:2013)
- prEN ISO 17575-3 en
Electronic fee collection – Application interface definition for autonomous systems – Part 3: Context data (ISO/DIS 17575-3:2013)
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 3. dio: Podaci okruženja (ISO/DIS 17575-3:2013)
- prEN ISO 17575-4 en
Electronic fee collection – Application interface definition for autonomous systems – Part 4: Roaming (ISO/DIS 17575-4:2013)
Elektronička naplata – Definicija aplikacijskog sučelja za autonomne sustave – 4. dio: Roaming (ISO/DIS 17575-4:2013)

HZN/TO 528, Oprema za željeznice

- prEN 14363 en
Railway applications – Testing and Simulation for the acceptance of running characteristics of railway vehicles – Running Behaviour and stationary tests
- prEN 15313 en
Railway applications – In-service wheelset operation requirements – In-service and off-vehicle wheelset maintenance
Oprema za željeznice – Zahtijevani postupci za eksploataciju osovinskih sklopova – Održavanje osovinskih sklopova u eksploataciji i skladištenju
- prEN 15528 en
Railway applications – Line categories for managing the interface between load limits of vehicles and infrastructure
Oprema za željeznice – Kategorije pruga za određivanje sučelja između granica opterećenja željezničkih vozila i infrastrukture
- prEN 15551 en
Railway applications – Railway rolling stock – Buffers
Oprema za željeznice – Željeznička vozila – Odbojnici
- prEN 15566 en
Railway applications – Railway rolling stock – Draw gear and screw coupling
Oprema za željeznice – Željeznička vozila – Vučni uređaj i vijčano kvačilo
- FprCEN/TS 16272-5 en
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – In situ values of sound reflection under direct sound field conditions

- prEN 16494 en
Railway applications – Requirements for ERTMS
Trackside Boards
- prEN 16507 en
Railway applications – Ground based service – Diesel
refuelling equipment
- FprCEN/TR 16513 en
Railway applications – Track – Survey of track
geometry quality

HZNTO 533, Kolničke konstrukcije

- FprEN 12697-7 en
Bituminous mixtures – Test methods for hot mix
asphalt – Part 7: Determination of bulk density of
bituminous specimens by gamma rays
Bitumenske mješavine – Metode ispitivanja za asfalt
proizveden vrućim postupkom – 7. dio: Određivanje
gustoće uzoraka asfalta gama zrakama
- prEN 12697-16 en
Bituminous mixtures – Test methods for hot mix
asphalt – Part 16: Abrasion by studded tyres
Bitumenske mješavine – Metode ispitivanja za asfalt
proizveden vrućim postupkom – 16. dio: Određivanje
gustoće asfaltnih uzoraka
- prEN 12697-22 en
Bituminous mixtures – Test methods for hot mix
asphalt – Part 22: Wheel tracking
Bitumenske mješavine – Metode ispitivanja za asfalt
proizveden vrućim postupkom – 22. dio: Kolotraženje
- prEN 12697-25 en
Bituminous mixtures – Test methods for hot mix
asphalt – Part 25: Cyclic compression test
Bitumenske mješavine – Metode ispitivanja za asfalt
proizveden vrućim postupkom – 25. dio: Ciklično
tlačno ispitivanje
- prEN 12697-32 en
Bituminous mixtures – Test methods for hot mix
asphalt – Part 32: Laboratory compaction of
bituminous mixtures by vibratory compactor
Bitumenske mješavine – Metode ispitivanja za asfalt
proizveden vrućim postupkom – 32. dio: Laboratorijsko
zbijanje asfaltnih mješavina vibracijskim zbijanjem
- prEN 12697-33 en
Bituminous mixtures – Test methods for hot mix
asphalt – Part 33: Specimen prepared by roller
compactor
Bitumenske mješavine – Metode ispitivanja za asfalt
proizveden vrućim postupkom – 33. dio: Priprema
asfaltnog uzorka valjkastim zbijanjem
- prEN 12697-48 en
Bituminous mixtures – Test methods for hot mix
asphalt – Part 48: Interlayer Bonding
Bitumenske mješavine – Metode ispitivanja za asfalt
proizveden vrućim postupkom – 48. dio: Povezanost
slojeva

HZNTO 536, Vrata, prozori i staklo u graditeljstvu

- prEN 12211 en
Windows and doors – Resistance to wind load – Test
method
Prozori i vrata – Otpornost na opterećenje vjetrom –
Metoda ispitivanja
- prEN 12608-1 en
Unplasticized poly(vinyl chloride) (PVC-U) profiles for
the fabrication of windows and doors – Classification,
requirements and test methods – Part 1: Non-coated
PVC-U profiles with light coloured surfaces
Profili od neomekšanog polivinilklorida (PVC-U) za
izradu prozora i vrata – Razredba, zahtjevi i metode
ispitivanja – 1. dio: Nezaštićeni PVC-U profili svijetlih
površina

HZNTO 537, Tehnički crteži, dimenzijske i geometrijske specifikacije, opis proizvoda i odgovarajuća dokumentacija

- EN ISO 1101:2013/prA1 en
Geometrical product specifications (GPS) –
Geometrical tolerancing – Tolerances of form,
orientation, location and run-out
(ISO 1101:2012/DAM 1:2013)
Geometrijske specifikacije proizvoda (GSP) –
Geometrijske tolerancije – Tolerancije oblika,
orijentacije, smještaja i vrtnje
(ISO 1101:2012/DAM 1:2013)
- EN ISO 4287:1998/prA2 en
Geometrical Product Specifications (GPS) – Surface
texture: Profile method – Terms, definitions and
surface texture parameters – Amendment 2
(ISO 4287:1997/DAM 2:2013)
Geometrijske specifikacije proizvoda (GSP) –
Tekstura površine: Metoda snimanja profila – Nazivlje,
definicije i parametri teksture površine – Amandman
2 (ISO 4287:1997/DAM 2:2013)
- EN ISO 10579:2013 en
Geometrical product specifications (GPS) –
Dimensioning and tolerancing – Non-rigid parts
(ISO 10579:2010, including Cor 1:2011)
Geometrijske specifikacije proizvoda (GSP) –
Kotiranje i unos tolerancija – Slobodni dijelovi
(ISO 10579:2010, uključujući Cor 1:2011)
- prEN ISO 10628-1 en
Diagrams for the chemical and petrochemical industry
– Part 1: Specification of diagrams
(ISO/DIS 10628-1:2013)
Shema za kemijsku i petrokemijsku industriju – 1. dio:
Specifikacije shema (ISO/DIS 10628-1:2013)
- EN ISO 14253-1:2013 en
Geometrical product specifications (GPS) –
Inspection by measurement of workpieces and
measuring equipment – Part 1: Decision rules for
proving conformity or nonconformity with specification
(ISO 14253-1:2013)
Geometrijske specifikacije proizvoda (GSP) –
Ispitivanje mjerenjem izradaka i mjerne opreme
– 1. dio: Pravila za dokazivanje sukladnosti ili
nesukladnosti sa specifikacijama (ISO 14253-1:2013)
- prEN ISO 14253-5 en
Geometrical product specifications (GPS) –
Inspection by measurement of workpieces and
measuring equipment – Part 5: Uncertainty in testing
indicating measuring instruments
(ISO/DIS 14253-5:2013)
Geometrijske specifikacije proizvoda (GSP) – Pregled
mjerenjem izradaka i mjerne opreme – 5. dio:
Nesigurnosti kod ispitivanja mjernih instrumenata s
pokazivačima (ISO/DIS 14253-5:2013)
- prEN ISO 14405-1 en
Geometrical product specifications (GPS) –
Dimensional tolerancing – Part 1: Linear sizes
(ISO/DIS 14405-1:2013)
Geometrijske specifikacije proizvoda (GSP) –
Tolerancije dimenzija – 1. dio: Duljinske izmjere
(ISO/DIS 14405-1:2013)
- prEN ISO 14405-3 en
Geometrical product specifications (GPS) –
Dimensional tolerancing – Part 3: Angular sizes
(ISO/DIS 14405-3:2013)
Geometrijske specifikacije proizvoda (GSP) –
Tolerancije dimenzija – 3. dio: Veličine kuteva
(ISO/DIS 14405-3:2013)

prEN ISO 25178-1 en
Geometrical product specifications (GPS) – Surface texture: Areal – Part 1: Indication of surface texture (ISO/DIS 25178-1:2013)
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Ploštinska – 1. dio: Oznaka teksture površine (ISO/DIS 25178-1:2013)

prEN ISO 25178-606 en
Geometrical product specification (GPS) – Surface texture: Areal – Part 606: Nominal characteristics of non-contact (focus variation) instruments (ISO/DIS 25178-606:2013)
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Ploštinska – 606. dio: Nazivne karakteristike nekontaktne (varijabilni fokus) instrumenta (ISO/DIS 25178-606:2013)

HZN/TO 546, Očuvanje kulturne baštine

prEN 16515 en
Conservation of Cultural Heritage – Guidelines to characterize natural stone used in cultural heritage

prEN 16572 en
Conservation of Cultural Heritage – Glossary of technical terms concerning mortars for masonry, renders and plasters used in cultural heritage

prEN 16581 en
Conservation of Cultural Heritage – Surface protection for porous inorganic materials – Laboratory test methods for the evaluation of the performance of water repellent products

HZN/TO 550, Opskrba vodom

FprEN 1017 en
Chemicals used for treatment of water intended for human consumption – Half-burnt dolomite
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Polužareni dolomit

FprEN 12518 en
Chemicals used for treatment of water intended for human consumption – High-calcium lime
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Vapno s visokim udjelom kalcija

HZN/TO 555, Medicinski proizvodi

FprCEN ISO/TS 16775 en
Packaging for terminally sterilized medical devices – Guidance on the application of ISO 11607-1 and ISO 11607-2 (ISO/DTS 16775:2013)
Pakiranje za završnu sterilizaciju medicinske opreme – Upute za primjenu norma ISO 11607-1 i ISO 11607-2 (ISO/DTS 16775:2013)

HZN/TO 557, Zaštitna odjeća

prEN 16689 en
Protective clothing to be worn by firefighters during technical rescue operations
Zaštitna odjeća za vatrogasce tijekom operacija tehničkog spašavanja

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN 331 rev en
Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings
Kuglaste i konusne plinske slavine za kućne plinske instalacije koje se ručno zatvaraju

prEN ISO 4126-6 en
Safety devices for protection against excessive pressure – Part 6: Application, selection and installation of bursting disc safety devices (ISO/DIS 4126-6:2013)
Sigurnosni uređaji za zaštitu od prekomjernog tlaka – 6. dio: Primjena, izbor i ugradnja sigurnosnih uređaja temeljenih na membranskom disku (ISO/DIS 4126-6:2013)

HZN/TO 562, Alatni strojevi i alati

prEN 1417 en
Plastics and rubber machines – Two roll mills – Safety requirements
Strojevi za gumu i plastiku – Dvovaljčana glodala – Sigurnosni zahtjevi

EN 12622:2009+A1:2013 en
Safety of machine tools – Hydraulic press brakes

HZN/TO 563, Sigurnost strojeva

EN ISO 9902-1:2001/FprA2 en
Textile machinery – Noise test code – Part 1: Common requirements (ISO 9902-1:2001/DAM 2:2013)
Tekstilni strojevi – Određivanje emisije buke – 1. dio: Opći zahtjevi (ISO 9902-1:2001/DAM 2:2013)

EN ISO 9902-2:2001/FprA2 en
Textile machinery – Noise test code – Part 2: Spinning preparatory and spinning machinery (ISO 9902-2:2001/DAM 2:2013)
Tekstilni strojevi – Određivanje emisije buke – 2. dio: Strojevi za pripremu predenja i prelački strojevi (strojevi za predenje) (ISO 9902-2:2001/DAM 2:2013)

EN ISO 9902-3:2001/FprA2 en
Textile machinery – Noise test code – Part 3: Nonwoven machinery (ISO 9902-3:2001/DAM 2:2013)
Tekstilni strojevi – Određivanje emisije buke – 3. dio: Strojevi za netkane tekstile (ISO 9902-3:2001/DAM 2:2013)

EN ISO 9902-4:2001/FprA2 en
Textile machinery – Noise test code – Part 4: Yarn processing; cordage and rope manufacturing machinery (ISO 9902-4:2001/DAM 2:2013)
Tekstilni strojevi – Određivanje emisije buke – 4. dio: Strojevi za preradu prede, izradu uzica i užadi (ISO 9902-4:2001/DAM 2:2013)

EN ISO 9902-5:2001/FprA2 en
Textile machinery – Noise test code – Part 5: Weaving and knitting preparatory machinery (ISO/DIS 9902-5:2001/DAM 2:2013)
Tekstilni strojevi – Određivanje emisije buke – 5. dio: Tkalački strojevi i strojevi za pripremu pletenja (ISO/DIS 9902-5:2001/DAM 2:2013)

EN ISO 9902-6:2001/FprA2 en
Textile machinery – Noise test code – Part 6: Fabric manufacturing machinery (ISO 9902-6:2001/DAM 2:2013)
Tekstilni strojevi – Određivanje emisije buke – 6. dio: Strojevi za proizvodnju plošnih tekstila (ISO 9902-6:2001/DAM 2:2013)

EN ISO 9902-7:2001/FprA2 en
Textile machinery – Noise test code – Part 7: Dyeing and finishing machinery (ISO 9902-7:2001/DAM 2:2013)
Tekstilni strojevi – Određivanje emisije buke – 7. dio: Strojevi za bojenje i oplemenjivanje (ISO 9902-7:2001/DAM 2:2013)

- prEN 14462 en
Surface treatment equipment – Noise test code for surface treatment equipment including its ancillary handling equipment – Accuracy grades 2 and 3
Oprema za površinsku obradu – Pravilo za ispitivanje buke opreme za površinsku obradu uključujući i ručnu vibracijsku opremu – Razred točnosti 2 i 3
- prEN 15467 en
Food processing machinery – Fish heading and filleting machines – Safety and hygiene requirements

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

- EN ISO 5555:2001/prA1 en
Animal and vegetable fats and oils – Sampling – Amendment 1 (ISO 5555:2001/DAM 1:2013)
Životinjske i biljne masti i ulja – Uzorkovanje – Amandman 1 (ISO 5555:2001/DAM 1:2013)
- prEN ISO 12228-1 en
Determination of individual and total sterols contents – Gas chromatographic method – Part 1: Animal and vegetable fats and oils (ISO/DIS 12228-1:2013)

HZN/TO 566, *Mlijeko i mliječni proizvodi*

- FprEN ISO 8968-1 en
Milk and milk products – Determination of nitrogen content – Part 1: Kjeldahl principle and crude protein calculation (ISO/FDIS 8968-1:2013)

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

- ISO 13495:2013 en
Foodstuffs – Principles of selection and criteria of validation for varietal identification methods using specific nucleic acid
Hrana – Načela odabira kriterija validacije za različite metode identifikacije specifičnih nukleinskih kiselina
- ISO 16578:2013 en
Molecular biomarker analysis – General definitions and requirements for microarray detection of specific nucleic acid sequences
Analiza molekularnim biomarkerima – Opće definicije i zahtjevi detekciju mikrogrupiranja sekvenci specifičnih nukleinskih kiselina

HZN/TO 571, *Sport, igrališta i ostali rekreacijski sadržaji i oprema*

- prEN 13451-4 en
Swimming pool equipment – Part 4: Additional specific safety requirements and test methods for starting platforms
Oprema za bazene – 4. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za startne platforme
- FprEN 13451-5 en
Swimming pool equipment – Part 5: Additional specific safety requirements and test methods for lane lines and dividing line
Oprema za bazene – 5. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja pružnih i pregradnih užadi
- prEN 15567-1 en
Sports and recreational facilities – Ropes courses – Part 1: Construction and safety requirements
Objekti za sport i rekreaciju – Adrenalinski parkovi – 1. dio: Izvedba i sigurnosni zahtjevi

- prEN 15567-2 en
Sports and recreational facilities – Ropes courses – Part 2: Operation requirements
Objekti za sport i rekreaciju – Adrenalinski parkovi – 2. dio: Zahtjevi za upravljanje
- prEN 16579 en
Playing field equipment – Portable and fixed goals – Functional, safety requirements and test methods
- prEN ISO 23537 en
Requirements for sleeping bags (ISO/DIS 23537:2013)
Zahtjevi za vreće za spavanje (ISO/DIS 23537:2013)

HZN/TO E2, *Rotacijski strojevi*

- EN 60034-8:2007/FprA1:2013 en
Rotating electrical machines – Part 8: Terminal markings and direction of rotation (IEC 60034-8:2007/am1:201X)
Rotacijski električni strojevi – 8. dio: Označavanje stezaljki i smjera vrtnje (IEC 60034-8:2007/am1:201X)
- FprEN 60034-19:2013 en
Rotating electrical machines – Part 19: Specific test methods for d.c. machines on conventional and rectifier-fed supplies (IEC 60034-19:201X)
Rotacijski električni strojevi – 19. dio: Posebne metode ispitivanja istosmjernih strojeva koji se napajaju konvencionalno ili pomoću ispravljača (IEC 60034-19:201X)
- FprEN 60034-27-3:2013 en
Rotating electrical machines – Part 27-3: Dielectric dissipation factor measurement on stator winding insulation of rotating electrical machines (IEC 60034-27-3:201X)
Rotacijski električni strojevi – Dio 27-3: Mjerenje faktora dielektričnih gubitaka izolacije statorskog namota rotacijskih električnih strojeva (IEC 60034-27-3:201X)

HZN/TO E9, *Električna oprema za željeznicu*

- prEN 50121-1:2013 en
Railway applications – Electromagnetic compatibility – Part 1: General
Željezničke primjene – Elektromagnetska kompatibilnost – 1. dio: Općenito
- prEN 50121-2:2013 en
Railway applications – Electromagnetic compatibility – Part 2: Emission of the whole railway system to the outside world
Željezničke primjene – Elektromagnetska kompatibilnost – 2. dio: Emisija cjelokupnoga željezničkog sustava u vanjski svijet
- prEN 50121-3-1:2013 en
Railway applications – Electromagnetic compatibility – Part 3-1: Rolling stock – Train and complete vehicle
Željezničke primjene – Elektromagnetska kompatibilnost – Dio 3-1: Željeznička vozila – Vlak i cijelo vozilo
- prEN 50121-3-2:2013 en
Railway applications – Electromagnetic compatibility – Part 3-2: Rolling stock – Apparatus
Željezničke primjene – Elektromagnetska kompatibilnost – Dio 3-2: Željeznička vozila – Uređaji na vozilu
- prEN 50121-4:2013 en
Railway applications – Electromagnetic compatibility – Part 4: Emission and immunity of the signalling and telecommunications apparatus
Željezničke primjene – Elektromagnetska kompatibilnost – 4. dio: Emisija i otpornost signalnih i telekomunikacijskih uređaja

prEN 50121-5:2013 en
Railway applications – Electromagnetic compatibility – Part 5: Emission and immunity of fixed power supply installations and apparatus
Željezničke primjene – Elektromagnetska kompatibilnost – 5. dio: Emisija i otpornost stabilnih postrojenja za napajanje i uređaja

EN 50123-3:2003/A1:2013 en
Railway applications – Fixed installations – D.C. switchgear – Part 3: Indoor d.c. disconnectors, switch-disconnectors and earthing switches
Željezničke primjene – Stabilna postrojenja – Istosmjerna rasklopna postrojenja – 3. dio: Istosmjerni rastavljači, rastavne sklopke i uzemljivači za unutarnju ugradnju

EN 50123-4:2003/A1:2013 en
Railway applications – Fixed installations – D.C. switchgear – Part 4: Outdoor d.c. disconnectors, switch-disconnectors and earthing switches
Željezničke primjene – Stabilna postrojenja – Istosmjerna rasklopna postrojenja – 4. dio: Istosmjerni rastavljači, rastavne sklopke i uzemljivači za vanjsku ugradnju

EN 50123-6:2003/prAA:2013 en
Railway applications – Fixed installations – D.C. switchgear – Part 6: D.C. switchgear assemblies
Željezničke primjene – Stabilna postrojenja – Istosmjerna rasklopna postrojenja – 6. dio: Sklopovi istosmjernih rasklopnih postrojenja

EN 50152-1:2012/A1:2013 en
Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 1: Circuit-breakers with nominal voltage above 1 kV
Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – 1. dio: Prekidači nazivnog napona iznad 1 kV

prEN 50502:2013 en
Railway applications – Rolling stock – Electric equipment in trolley buses – Safety requirements and connection systems
Željezničke primjene – Željeznička vozila – Električna oprema u trolebusima – Zahtjevi za sigurnost i sustavi spajanja

prEN 50617-1:2013 en
Railways applications – Basic parameters of train detection systems – Part 1: Track circuits
Željezničke primjene – Osnovni parametri sustava za detekciju vlaka – 1. dio: Kolosiječni strujni krugovi

prEN 50617-2:2013 en
Railways applications – Basic parameters of train detection systems – Part 2: Axle counters
Željezničke primjene – Osnovni parametri sustava za detekciju vlaka – 2. dio: Brojači osovina

FprEN 61287-1:2013 en
Railway applications – Power converters installed on board rolling stock – Part 1: Characteristics and test methods (IEC 61287-1:201X)
Željezničke primjene – Energetski pretvarači ugrađeni na željeznička vozila – 1. dio: Karakteristike i metode ispitivanja (IEC 61287-1:201X)

FprEN 61375-2-3:2013 en
Electronic railway equipment – Train Communication Network (TCN) – Part 2-3: TCN communication profile (IEC 61375-2-3:201X)
Elektronička oprema za željeznice – Komunikacijska mreža vlaka (TCN) – Dio 2-3: Komunikacijski profil TCN-a (IEC 61375-2-3:201X)

FprEN 62290-1:2013 en
Railway applications – Urban guided transport management and command/control systems – Part 1: System principles and fundamental concepts (IEC 62290-1:201X)

Željezničke primjene – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 1. dio: Osnove sustava i temeljni pojmovi (IEC 62290-1:201X)

FprEN 62290-2:2013 en
Railway applications – Urban guided transport management and command/control systems – Part 2: Functional requirements specification (IEC 62290-2:201X)
Željezničke primjene – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 2. dio: Specifikacija zahtjeva za funkcionalnost (IEC 62290-2:201X)

FprEN 62580-1:2013 en
Electronic railway equipment – On-board multimedia and telematic subsystems for railways – Part 1: General Architecture (IEC 62580-1:201X)
Elektronička oprema za željeznice – Željeznički multimedijski i telematički podsustavi na vozilu – 1. dio: Opća arhitektura (IEC 62580-1:201X)

HZN/TO E10, Fluidi za primjenu u elektrotehnici

EN 62770:2013 en
Fluids for electrotechnical applications – Unused natural esters liquids for transformers and similar electrical equipment (IEC 62770:2013)

HZN/TO E11, Nadzemni vodovi

EN 50341-1:2001/A1:2009 en
Overhead electrical lines exceeding AC 45 kV – Part 1: General requirements – Common specifications
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 1. dio: Opći zahtjevi – Uobičajene specifikacije

HZN/TO E14, Energetski transformatori

prEN 50299-1:2013 en
Oil-immersed cable connection assemblies for transformers and reactors having highest voltage for equipment Um from 72,5 kV to 550 kV – Part 1: Fluid-filled cable terminations
Sklopovi za uljem punjene kabelaške veze za transformatore i prigušnice koji imaju najviši napon opreme Um od 72,5 kV do 550 kV – 1. dio: Priključci kabela punjeni tekućinom

prEN 50299-2:2013 en
Oil-immersed cable connection assemblies for transformers and reactors having highest voltage for equipment Um from 72,5 kV to 550 kV – Part 2: Dry-type cable terminations
Sklopovi za uljem punjene kabelaške veze za transformatore i prigušnice koji imaju najviši napon opreme Um od 72,5 kV do 550 kV – 2. dio: Priključci kabela suhoga tipa

FprEN 50629 en
Energy efficiency of transformers with Um greater than 36 kV
Energetska učinkovitost transformatora najvišeg napona opreme Um većeg od 36 kV

HZN/TO E17, Sklopni i upravljački uređaji

EN 60947-1:2007/FprA2:2013 en
Low-voltage switchgear and controlgear – Part 1: General rules (IEC 60947-1:2007/am2:201X)
Niskonaponska sklopna aparatura – 1. dio: Opća pravila (IEC 60947-1:2007/am2:201X)

FprEN 60947-4-3:2014 en
Low-voltage switchgear and controlgear – Part 4-3: Contactors and motor-starters – AC semiconductor controllers and contactors for non-motor loads (IEC 60947-4-3:201X)
Niskonaponska sklopna aparatura – Dio 4-3: Sklopnici i motorski pokretači – Poluvodički kontroleri i sklopnici za nemotorske terete za izmjeničnu struju (IEC 60947-4-3:201X)

HZN/TO E20, *Električni kabeli*

EN 50355:2013 en
Railway applications – Railway rolling stock cables having special fire performance – Guide to use
Željezničke primjene – Kabeli za željeznička vozila s posebnom postojanošću na vatru – Upute za uporabu

EN 50382-1:2008/A1:2013 en
Railway applications – Railway rolling stock high temperature power cables having special fire performance – Part 1: General requirements
Željezničke primjene – Energetski kabeli više toplinske klase za željeznička vozila s posebnom postojanošću na vatru – 1. dio: Opći zahtjevi

EN 50382-2:2008/A1:2013 en
Railway applications – Railway rolling stock high temperature power cables having special fire performance – Part 2: Single core silicone rubber insulated cables for 120 °C or 150 °C
Željezničke primjene – Energetski kabeli više toplinske klase za željeznička vozila s posebnom postojanošću na vatru – 2. dio: Jednožilni kabeli izolirani silikonskom gumom za 120 °C ili 150 °C

EN 62230:2007/A1:201X en
Electric cables – Spark-test method (IEC 62230:2006/am1:2013)
Električni kabeli – Metoda suhog prolaznog naponskog ispitivanja (IEC 62230:2006/am1:2013)

HZN/TO E23, *Električni instalacijski pribor*

EN 50550:2011/prA1 en
Power frequency overvoltage protective device for household and similar applications (POP)
Energetski frekvencijski uređaj za zaštitu od prenapona za kućanstvo i slične primjene (POP)

FprEN 60320-1:2013 en
Appliance couplers for household and similar general purposes – Part 1: General requirements
Aparatni utični pribor za kućanstvo i slične opće svrhe – 1. dio: Opći zahtjevi

FprEN 60320-3:2013 en
Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges (IEC 60320-3:201X)
Aparatni utični pribor za kućanstvo i slične opće svrhe – 3. dio: Normni listovi i granična mjerila (IEC 60320-3:201X)

EN 60669-2-1:2004/FprA2:2013 en
Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic switches (IEC 60669-2-1:2002/am2:201X)
Sklopke za kućanstvo i slične fiksne električne instalacije – Dio 2-1: Posebni zahtjevi – Elektroničke sklopke (IEC 60669-2-1:2002/am2:201X)

FprEN 60898-1:2013 en
Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations – Part 1: Circuit-breakers for a.c. operation (IEC 60898-1:201X)
Električni pribor – Instalacijski prekidači za nadstrujnu zaštitu za kućanstvo i slične instalacije – 1. dio: Instalacijski prekidači za rad s izmjeničnom strujom (IEC 60898-1:201X)

EN 61534-1:2011/FprA1:2013 en
Powertrack systems – Part 1: General requirements (IEC 61534-1:2011/am1:201X)
Energetski tračnički sustavi – 1. dio: Opći zahtjevi (IEC 61534-1:2011/am1:201X)

FprEN 61534-22:2013 en
Powertrack systems – Part 22: Particular requirements for powertrack systems intended for on floor or under floor installation (IEC 61534-22:201X)
Energetski tračnički sustavi – 22. dio: Posebni zahtjevi za energetske tračničke sustave namijenjene ugradnji na pod ili ispod poda (IEC 61534-22:201X)

FprEN 62196-1:2013 en
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements (IEC 62196-1:201X)
Utikači, utičnice, spojevi i spojnice na vozilima – Kontaktno punjenje električnih vozila – 1. dio: Opći zahtjevi (IEC 62196-1:201X)

EN 62196-1:2012/FprAB:2013 en
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements
Utikači, utičnice, spojevi i spojnice na vozilima – Vodljivo punjenje električnih vozila – 1. dio: Opći zahtjevi

EN 62196-2:2012/FprAB:2013 en
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories
Utikači, utičnice, spojevi i spojnice na vozilima – Vodljivo punjenje električnih vozila – 2. dio: Zahtjevi za usklađenost dimenzija i zamjenjivost za pribor sa šiljcima i kontaktnim cjevčicama za izmjeničnu struju

FprEN 62196-3:2013 en
Plugs, socket-outlets, and vehicle couplers – Conductive charging of electric vehicles – Part 3: Dimensional compatibility and interchangeability requirements for dedicated d.c. and combined a.c./d.c. pin and contact-tube vehicle couplers (IEC 62196-3)
Utikači, utičnice i spojnice za vozila – Kontaktno punjenje električnih vozila – 3. dio: Zahtjevi za usklađenost dimenzija i zamjenjivost spojnice za vozila sa šiljcima i kontaktnim cjevčicama namijenjenih za istosmjernu i kombinirano istosmjernu i izmjeničnu struju (IEC 62196-3)

HZN/TO E31, *Eksplzivne atmosfere*

FprEN 1127-2 en
Explosive atmospheres – Explosion prevention and protection – Part 2: Basic concepts and methodology for mining
Eksplzivne atmosfere – Sprečavanje eksplozije i zaštita – 2. dio: Osnovna načela i metodologija za rudarstvo

FprEN 60079-26:2013 en
Explosive atmospheres – Part 26: Equipment with equipment protection level (EPL) Ga (IEC 60079-26)
Eksplzivne atmosfere – 26. dio: Oprema s razinom zaštite opreme (EPL) Ga (IEC 60079-26)

FprEN 60079-29-2:2013 en
Explosive atmospheres – Part 29-2: Gas detectors – Selection, installation, use and maintenance of detectors for flammable gases and oxygen (IEC 60079-29-2)
Eksplzivne atmosfere – Dio 29-2: Oprema za otkrivanje i mjerenje zapaljivih plinova – Izbor, instalacija, uporaba i održavanje opreme za otkrivanje i mjerenje zapaljivih plinova (IEC 60079-29-2)

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

- EN 60061-1:1993/FprA50:2013 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am50:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am50:201X)
- EN 60061-1:1993/FprA51:2013 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am51:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am51:201X)
- EN 60061-2:1993/FprA47:2013 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/am47:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za žarulje (IEC 60061-2:1969/am47:201X)
- EN 60061-2:1993/FprA48:2013 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/am48:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za žarulje (IEC 60061-2:1969/am48:201X)
- EN 60061-3:1993/FprA48:2013 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/am48:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična mjerila (IEC 60061-3:1969/am48:201X)
- EN 60061-3:1993/FprA49:2013 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/am49:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična mjerila (IEC 60061-3:1969/am49:201X)
- EN 60630:1998/FprA7:2013 en
Maximum lamp outlines for incandescent lamps (IEC 60630:1994/am7)
Najveći obrisi za žarulje sa žarnom niti (IEC 60630:1994/am7)
- EN 60901:1996/FprA6:2012 en
Single-capped fluorescent lamps – Performance specifications (IEC 60901:1996/am6:201X)
Fluorescentne cijevi s jednim podnoškom – Izvedbeni zahtjevi (IEC 60901:1996/am6:201X)
- EN 61347-1:2008/FprA3:2013 en
Lamp controlgear – Part 1: General and safety requirements (IEC 61347-1:2007/am3:201X)
Predspojne naprave – 1. dio: Opći i sigurnosni zahtjevi (IEC 61347-1:2007/am3:201X)
- FprEN 62722-1:2013 en
Luminaire performance – Part 1: General Requirements (IEC 62722-1)
Izvedba svjetiljke – 1. dio: Opći zahtjevi (IEC 62722-1)
- FprEN 62776:2013 en
Double-capped LED lamps for general lighting services – Safety specifications (IEC 62776:201X)
Žarulje sa svjetlećim diodama s dva podnoška za opću rasvjetnu namjenu – Sigurnosne specifikacije (IEC 62776:201X)

HZN/TO E36, *Izolatori*

- EN 50386:2010+A1:2013 en
Bushings up to 1 kV and from 250 A to 5 kA, for liquid filled transformers
Provodni izolatori do 1 kV i od 250 A do 5 kA za tekućinom punjene transformatore

HZN/TO E56, *Pouzdanost*

- FprEN 60300-1:2014 en
Dependability management – Part 1: Guidance for management and application (IEC 60300-1:201X)
- EN 62198:2013 en
Managing risk in projects – Application guidelines (IEC 62198:2013)

HZN/TO E57, *Upravljanje energetskim sustavom i pridružene komunikacije*

- EN 61970-301:2013 en
Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2013)
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 301. dio: Osnove zajedničkog modela podataka (CIM) (IEC 61970-301:2013)

HZN/TO E61, *Sigurnost električnih kućanskih i sličnih aparata*

- EN 60335-2-102:2006/AA:2013 en
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections
Kućanski i slični električni aparati – Sigurnost – Dio 2-102: Posebni zahtjevi za aparate na plinovito, uljno i kruto gorivo s električnim priključkom
- EN 60335-2-105:2005/A2:2013 en
Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets (IEC 60335-2-105:2004/am2:2013)
Kućanski i slični električni aparati – Sigurnost – Dio 2-105: Posebni zahtjevi za višenamjenske tuševe (IEC 60335-2-105:2004/am2:2013)
- EN 60335-2-109:2010/A1:2013 en
Household and similar electrical appliances – Safety – Part 2-109: Particular requirements for UV radiation water treatment appliances (IEC 60335-2-109:2010/am1:2013)
Kućanski i slični električni aparati – Sigurnost – Dio 2-109: Posebni zahtjevi za aparate koji ultraljubičastim (UV) zračenjem djeluju na vodu (IEC 60335-2-109:2010/am1:2013)
- EN 60335-2-32:2003/A2:2013 en
Household and similar electrical appliances – Safety – Part 2-32: Particular requirements for massage appliances (IEC 60335-2-32:2002/am2:2013)
Kućanski i slični električni aparati – Sigurnost – Dio 2-32: Posebni zahtjevi masažne aparate (IEC 60335-2-32:2002/am2:2013)
- EN 60335-2-84:2003/FprA2:2013 en
Household and similar electrical appliances – Safety – Part 2-84: Particular requirements for toilets (IEC 60335-2-84:2002/am2:2013)
Kućanski i slični električni aparati – Sigurnost – Dio 2-84: Posebni zahtjevi za zahode (IEC 60335-2-84:2002/am2:2013)

HZN/TO E62, Električna oprema u medicinskoj praksi

FprEN 60601-2-64:2013 en
Medical electrical equipment – Part 2-64: Particular requirements for the basic safety and essential performance of light ion beam medical equipment (IEC 60601-2-64:201X)

FprEN 62220-1-1:2013 en
Medical electrical equipment – Characteristics of digital x-ray imaging devices – Part 1-1: Determination of the detective quantum efficiency – Detectors used in radiographic imaging (IEC 62220-1-1:201X)

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

FprHD 60364-4-443:2013 en
Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances – Clause 443: Protection against overvoltages of atmospheric origin or due to switching (IEC 60364-4-44:2007/am1:201X)
Niskonaponske električne instalacije – Dio 4-44: Sigurnosna zaštita – Zaštita od naponskih i elektromagnetskih smetnji – 443. odjeljak: Prenaponska zaštita od atmosferskih ili sklopnih prenapona (IEC 60364-4-44:2007/am1:201X)

FprHD 60364-5-534:2013 en
Low-voltage electrical installations – Part 5-53: Selection and erection of electrical equipment – Isolation, switching and control – Clause 534: Devices for protection against overvoltages (IEC 60364-5-53:2001/am2:201X)
Niskonaponske električne instalacije – Dio 5-53: Odabir i ugradba električne opreme – Odvajanje, sklapanje i upravljanje – Točka 534: Naprave za zaštitu od prenapona (IEC 60364-5-53:2001/am2:201X)

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

FprEN 61987-12:2012 en
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 12: Lists of Properties (LOP) for Flow Measuring Equipment for electronic data exchange (IEC 61987-12:201X)
Mjerenje i vođenje industrijskih procesa – Strukture podataka i elemenata u katalogima procesne opreme – 12. dio: Popisi svojstava (LOP) opreme za mjerenje toka za elektroničku izmjenu podataka (IEC 61987-12:201X)

EN 62264-5:2012 en
Enterprise system integration – Part 5: Business to manufacturing transactions (IEC 62264-5:2011)
Integracija sustava za vođenje poduzeća – 5. dio: Izvještavanje između poslovanja i proizvodnje (IEC 62264-5:2011)

EN 62337:2012 en
Commissioning of electrical, instrumentation and control systems in the process industry – Specific phases and milestones (IEC 62337:2012+Corr.1:2012)
Preuzimanje električkih sustava, instrumentacijskih sustava i sustava za vođenje u procesnoj industriji – Specifične faze i kontrolne točke (IEC 62337:2012+Corr.1:2012)

EN 62381:2012 en
Automation systems in the process industry – Factory acceptance test (FAT), site acceptance test (SAT) and site integration test (SIT) (IEC 62381:2012)
Sustavi automatizacije u procesnoj industriji – Test tvorničkog preuzimanja (FAT), test preuzimanja na gradilištu (SAT) i test ugradnje na gradilištu (SIT) (IEC 62381:2012)

EN 62382:2013 en
Control systems in the process industry – Electrical and instrumentation loop check (IEC 62382:2012)
Sustavi za vođenje u procesnoj industriji – Provjera električne i instrumentacijske petlje (IEC 62382:2012)

FprEN 62682:2013 en
Management of alarms for the process industries (IEC 62682:201X)
Upravljanje alarmima za procesnu industriju (IEC 62682:201X)

HZN/TO E76, Sigurnost optičkoga zračenja i laserska oprema

FprEN 60825-1:2014 en
Safety of laser products – Part 1: Equipment classification and requirements (IEC 60825-1:201X)
Sigurnost laserskih proizvoda – 1. dio: Razredba opreme i zahtjevi (IEC 60825-1:201X)

HZN/TO E79, Alarmni sustavi

EN 50131-2-7-1:2012/A1:2013 en
Alarm systems – Intrusion and hold-up systems – Part 2-7-1: Intrusion detectors – Glass break detectors (acoustic)
Alarmni sustavi – Protuprovalni i protupreparni sustavi – Dio 2-7-1: Protuprovalni detektori – Detektori loma stakla (akustički)

EN 50131-2-7-2:2012/A1:2013 en
Alarm systems – Intrusion and hold-up systems – Part 2-7-2: Intrusion detectors – Glass break detectors (passive)
Alarmni sustavi – Protuprovalni i protupreparni sustavi – Dio 2-7-2: Protuprovalni detektori – Detektori loma stakla (pasivni)

EN 50131-2-7-3:2012/A1:2013 en
Alarm systems – Intrusion and hold-up systems – Part 2-7-3: Intrusion detectors – Glass break detectors (active)
Alarmni sustavi – Protuprovalni i protupreparni sustavi – Dio 2-7-3: Protuprovalni detektori – Detektori loma stakla (aktivni)

EN 50518-1:2013 en
Monitoring and alarm receiving centre – Part 1: Location and construction requirements
Centar za nadzor i prijam alarma – 1. dio: Zahtjevi za smještaj i izgradnju

EN 50518-2:2013 en
Monitoring and alarm receiving centre – Part 2: Technical requirements
Centar za nadzor i prijam alarma – 2. dio: Tehnički zahtjevi

EN 50518-3:2013 en
Monitoring and alarm receiving centre – Part 3: Procedures and requirements for operation
Centar za nadzor i prijam alarma – 3. dio: Postupci i zahtjevi za rad

HZN/TO E99, *Električne instalacije iznad 1kV izmjenične i 1,5 kV istosmjjerne struje*

EN 61936-1:2010/FprA1:2013 en
Power installations exceeding 1 kV a.c. – Part 1: Common rules (IEC 61936-1:2010/am1:201X)
Električna postrojenja nazivnih izmjeničnih napona iznad 1kV – 1. dio: Opća pravila (IEC 61936-1:2010/am1:201X)

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

EN 62448:201X en
Multimedia systems and equipment – Multimedia e-publishing and e-books – Generic format for e-publishing (IEC 62448:2013)
Multimedijски sustavi i oprema – Multimedijско e-izdavaštvo i e-knjige – Opći (generični) oblik za e-izdavaštvo (IEC 62448:2013)

HZN/TO E501, *Elektroakustika i ultrazvuk*

FprEN 60318-3:2013 en
Electroacoustics – Simulators of human head and ear – Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry (IEC 60318-3)
Elektroakustika – Simulatori ljudske glave i uha – 3. dio: Akustički spojnik za umjeravanje naušnih slušalica za mjerila sluha (IEC 60318-3)

HZN/TO T4, *Normizacija u telekomunikacijama*

ETS 300 097-6 ed.1:1997 en
Integrated Services Digital Network (ISDN) – Connected Line Identification Presentation (COLP) supplementary service – Digital Subscriber Signalling System No. one (DSS1) protocol – Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network

ETS 300 182-1 ed.1:1993 en
Integrated Services Digital Network (ISDN) – Advice of Charge (AOC) supplementary service – Digital Subscriber Signalling System No. one (DSS1) protocol – Part 1: Protocol specification

EN 300 743 V1.5.1:2014 en
Digital Video Broadcasting (DVB) – Subtitling systems (EN 300 743 V1.5.1:2014)
Digitalna radijska videodifuzija (DVB) – Sustavi označavanja podnaslova

EN 301 025-1 V1.5.2:2013 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 opće komunikacije i pridružena oprema za klasu “D” digitalnoga selektivnog poziva (DSC) – 1. dio: Tehničke karakteristike i metode mjerenja

Draft EN 301 502 V11.0.1:2013 en
Global System for Mobile communications (GSM) – Harmonized EN for Base Station Equipment covering the essential requirements of article 3.2 of the R&TTE Directive
Globalni sustav pokretnih komunikacija (GSM) – Harmonizirana europska norma za opremu bazne postaje koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE

Draft EN 301 545-2 V1.2.0:2013 en
Digital Video Broadcasting (DVB) – Second Generation DVB Interactive Satellite System (DVB-RCS2) – Part 2: Lower Layers for Satellite standard
Digitalna radijska videodifuzija (DVB) – Druga generacija DVB interaktivni satelitski sustav (DVB-RCS2) – 2. dio: Niži slojevi za satelitsku normu

Draft EN 301 908-18 V7.0.1:2013 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 mreže IMT – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 18. dio: E-UTRA, UTRA i GSM/EDGE bazna postaja (BS) multistandardnog radija (MSR)

Draft EN 302 217-2-2 V2.2.0:2013 en
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene točka-točka – Dio 2-2: Digitalni sustavi koji rade u frekvencijskim pojasevima gdje se primjenjuje koordinacija frekvencija – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE

Draft EN 302 217-3 V2.2.0:2013 en
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 3: Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu i antene točka-točka – 3. dio: Oprema koja radi u frekvencijskim pojasevima gdje se primjenjuje postavljanje uz koordinaciju frekvencija i bez nje – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE

EN 302 248 V1.2.1:2013 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Navigation radar for use on non-SOLAS vessels – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Navigacijski radar za uporabu na non-SOLAS plovilima – Harmonizirana europska norma koja obuhvaća bitne zahtjeve članka 3.2 R&TTE direktive

Draft EN 302 636-4-1 V1.2.0:2013 en
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications – Sub-part 1: Media-Independent Functionality
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 4. dio: Geoadresiranje i prosljeđivanje za komunikacije točka-točka i točka-točke – 1. poddio: Medijski neovisna funkcionalnost

Draft EN 302 636-5-1 V1.2.0:2013 en
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 5: Transport Protocols – Sub-part 1: Basic Transport Protocol
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 5. dio: Protokoli prijevoza – 1. poddio: Bazični protokol prijevoza

Draft EN 302 636-6-1 V1.2.0:2013 en
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 6: Internet Integration – Sub-part 1: Transmission of IPv6 Packets over GeoNetworking Protocols
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 6. dio: Integracija interneta – 1. poddio: Prijenos paketa IPv6 putem protokola geomrežavanja

EN 303 213-6-1 V1.2.1:2013 en
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 6: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for deployed surface movement radar sensors – Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW
Napredni sustav vođenja i kontrole kretanja površinom (A-SMGCS) – 6. dio: Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE za stavljanje u uporabu radarskih senzora kretanja površinom – 1. pod-dio: Senzori u X području s impulsnim signalima i snagom odašiljanja do 100 kW

HZNTO Z1, Informacijska tehnologija

prEN 1545-1 en
Identification card systems – Surface transport applications – Part 1: Elementary data types, general code lists and general data elements
Sustavi identifikacijskih kartica – Primjene u kopnenom prijevozu – 1. dio: Osnovne vrste podataka, opći popisi kodova i dijelovi općih podataka

prEN 1545-2 en
Identification card systems – Surface transport applications – Part 2: Transport and travel payment related data elements and code lists
Sustavi identifikacijskih kartica – Primjene u kopnenom prijevozu – 2. dio: Dijelovi podataka i popisi kodova koji se odnose na plaćanje prijevoza i putovanja

CEN/TS 16080:2013 en
Internet Content and communications filtering software and services
Programi i usluge filtriranja internetskih sadržaja i komunikacije

FprEN 16570 en
Information technology – Notification of RFID – The information sign and additional information to be provided by operators of RFID application systems

FprEN 16571 en
Information technology – RFID privacy impact assessment process

ISO/IEC 27001:2013 en
Information technology – Security techniques – Information security management systems – Requirements
Informacijska tehnologija – Sigurnosne tehnike – Sustavi upravljanja informacijskom sigurnošću – Zahtjevi

prEN 419111-1 en
Protection profiles for signature creation and verification application – Part 1: Introduction

prEN 419111-2 en
Protection profiles for signature creation and verification application – Signature creation application – Part 2: Core PP

prEN 419111-3 en
Protection profiles for signature creation and verification application – Signature creation application – Part 3: Possible extensions

prEN 419111-4 en
Protection profiles for signature creation and verification application – Signature verification application – Part 4: Core PP

prEN 419111-5 en
Protection profiles for signature creation and verification application – Signature verification application – Part 5: Possible extensions

HZNTU B1, Graditeljstvo 1

FprCEN/TS 16637-1 en
Construction products – Assessment of release of dangerous substances – Part 1: Guidance for the determination of leaching tests and additional testing steps
Građevni proizvodi – Procjena otpuštanja opasnih tvari – 1. dio: Upute za utvrđivanje ispitivanja izlučivanja i dodatnih koraka ispitivanja

FprCEN/TS 16637-2 en
Construction products – Assessment of release of dangerous substances – Part 2: Horizontal dynamic surface leaching test
Građevni proizvodi – Procjena otpuštanja opasnih tvari – 2. dio: Horizontalno dinamičko ispitivanje izlučivanja s površine

HZNTU C1, Kemikalije, kemijsko inženjerstvo, poljoprivredni i prehrambeni proizvodi 1

FprEN 16575 en
Bio-based products – Vocabulary
Proizvodi na bio osnovi – Terminološki rječnik

HZNTU F1, Osnovne norme 1

EN ISO/IEC 19788-3:2013 en
Information technology – Learning; education and training – Metadata for learning resources – Part 3: Basic application profile (ISO/IEC 19788-3:2011)
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci sredstava za učenje – 3. dio: Osnovni profil aplikacije (ISO/IEC 19788-3:2011)

EN ISO/IEC 19788-5:2014 en
Information technology – Learning, education and training – Metadata for learning resources – Part 5: Educational elements (ISO/IEC 19788-5:2012)
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci sredstava za učenje – 5. dio: Obrazovni elementi (ISO/IEC 19788-5:2012)

HZNTU M1, Metalni materijali 1

EN ISO 3326:2013 en
Hardmetals – Determination of (the magnetization) coercivity (ISO 3326:2013)
Tvrdi metali – Određivanje (magnetizacija) koercitivnosti (ISO 3326:2013)

EN ISO 4491-4:2013 en
Metallic powders – Determination of oxygen content by reduction methods – Part 4: Total oxygen by reduction-extraction (ISO 4491-4:2013)
Metalni prah – Određivanje udjela kisika redukcijskom metodom – 4. dio: Ukupni kisik pomoću redukcije-ekstrakcije (ISO 4491-4:2013)

EN 13906-1:2013 en
Cylindrical helical springs made from round wire and bar – Calculation and design – Part 1: Compression springs
Cilindrične zavojne opruge od okrugle žice i šipke – Proračun i projektiranje – 1. dio: Tlačne opruge

- EN 13906-2:2013 en
Cylindrical helical springs made from round wire and bar – Calculation and design – Part 2: Extension springs
Cilindrične zavojne opruge od okrugle žice i šipke – Proračun i projektiranje – 2. dio: Opruge za razvlačenje
- EN 13906-3:2014 en
Cylindrical helical springs made from round wire and bar – Calculation and design – Part 3: Torsion springs
Cilindrične zavojne opruge od okrugle žice i šipke – Proračun i projektiranje – 3. dio: Torzijske opruge

HZN/TU N1, *Nemetalni materijali 1*

- prEN ISO 18323 en
Jewellery – Consumer confidence in the diamond industry (ISO/DIS 18323:2013)

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

- FprEN ISO 7199 en
Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators) – Amendment 1: Clarifications for test methodologies, labelling, and sampling schedule (ISO 7199:2009+Amd 1:2012)
Kardiovaskularni implantati i umjetni organi – Izmjenjivači plinova u krvi (uređaji za obogaćivanje krvi kisikom) – Amandman 1: Objašnjenja za metodologiju ispitivanja, označavanje i plan uzorkovanja (ISO 7199:2009+Amd 1:2012)
- prEN ISO 15841 en
Dentistry – Wires for use in orthodontics (ISO/DIS 15841:2013)
Stomatologija – Žice za upotrebu u ortodontiji (ISO/DIS 15841:2013)
- FprEN ISO 81060-2 en
Non-invasive sphygmomanometers – Part 2: Clinical investigation of automated measurement type (ISO 81060-2:2013)
Neinvazivni sfigmomanometri – 2. dio: Klinička ispitivanja automatiziranih vrsta mjerenja (ISO 81060-2:2013)

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

- prEN 1459-1 en
Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks
- prEN 1755 en
Safety of industrial trucks – Operation in potentially explosive atmospheres – Use in flammable gas, vapour, mist and dust
Sigurnost industrijskih kamiona – Rad u potencijalno eksplozivnoj atmosferi – Upotreba u zapaljivim plinovima, parama, magli i prašini
- EN 2030:2013 en
Aerospace series – Steel X105CrMo17 (1.3544) – Hardened and tempered – Bars – De ≤ 150 mm
- EN 2267-010:2013 en
Aerospace series – Cables, electrical, for general purpose – Operating temperatures between – 55 °C and 260 °C – Part 010: DR family, single UV laser printable – Product standard
- EN 2346-005:2013 en
Aerospace series – Cable, electrical, fire resistant – Operating temperatures between – 65 °C and 260 °C – Part 005: DW family, single UV laser printable and multicore assembly – Light weight – Product standard
- EN 2648:2013 en
Aerospace series – Washers, concave, in alloy steel, cadmium plated

- EN 2665-001:2013 en
Aerospace series – Circuit breakers, three-pole, temperature compensated, rated current 20 A to 50 A – Part 001: Technical specification
- EN 2665-004:2013 en
Aerospace series – Circuit breakers, three-pole, temperature compensated, rated current 20 A to 50 A – Part 004: UNC thread terminals – Product standard
- EN 3155-065:2013 en
Aerospace series – Electrical contacts used in elements of connection – Part 065: Contacts, electrical, male, type A, crimp, class S, size 8 – Product standard
- EN 3155-066:2013 en
Aerospace series – Electrical contacts used in elements of connection – Part 066: Contacts, electrical, female, type A, crimp, class S, size 8 – Product standard
- EN 3375-012:2013 en
Aerospace series – Cable, electrical, for digital data transmission – Part 012: Single braid – Star Quad 100 ohms – 260 °C – Type KH – Product standard
- EN 4156:2013 en
Aerospace series – Rod ends, with self-aligning double row ball bearings and threaded shank in steel – Inner ring and balls in corrosion resisting steel – Dimensions and loads – Inch series
- FprEN ISO 4210-1 en
Cycles – Safety requirements for bicycles – Part 1: Terms and definitions (ISO/DIS 4210-1:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 1. dio: Nazivi i definicije (ISO/DIS 4210-1:2012)
- FprEN ISO 4210-2 en
Cycles – Safety requirements for bicycles – Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles (ISO/DIS 4210-2:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 2. dio: Zahtjevi za gradske bicikle, bicikle za duža putovanja, bicikle za mlađe ljude, bicikle za brdsku vožnju i bicikle za trke (ISO/DIS 4210-2:2012)
- FprEN ISO 4210-3 en
Cycles – Safety requirements for bicycles – Part 3: Common test methods (ISO/DIS 4210-3:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 3. dio: Uobičajene metode ispitivanja (ISO/DIS 4210-3:2012)
- FprEN ISO 4210-4 en
Cycles – Safety requirements for bicycles – Part 4: Braking test methods (ISO/DIS 4210-4:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 4. dio: Metode ispitivanja kočenja (ISO/DIS 4210-4:2012)
- FprEN ISO 4210-5 en
Cycles – Safety requirements for bicycles – Part 5: Steering test methods (ISO/DIS 4210-5:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 5. dio: Metode ispitivanja za upravljanje (ISO/DIS 4210-5:2012)
- FprEN ISO 4210-6 en
Cycles – Safety requirements for bicycles – Part 6: Frame and fork test methods (ISO/DIS 4210-6:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 6. dio: Metode ispitivanja za okvir i viljuške (ISO/DIS 4210-6:2012)
- FprEN ISO 4210-7 en
Cycles – Safety requirements for bicycles – Part 7: Wheels and rims test methods (ISO/DIS 4210-7:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 7. dio: Metode ispitivanja za kotač i naplatak (ISO/DIS 4210-7:2012)

- FprEN ISO 4210-8 en
Cycles – Safety requirements for bicycles – Part 8: Pedals and crank test methods (ISO/DIS 4210-8:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 8. dio: Metode ispitivanja za pedale i poluge od pedala (ISO/DIS 4210-8:2012)
- FprEN ISO 4210-9 en
Cycles – Safety requirements for bicycles – Part 9: Saddles and seat-post test methods (ISO/DIS 4210-9:2012)
Bicikli – Sigurnosni zahtjevi za bicikle – 9. dio: Metode ispitivanja za sjedala i držače sjedala (ISO/DIS 4210-9:2012)
- EN 4526:2013 en
Aerospace series – Metallic materials – Test methods – Sharp edge-notch tensile testing for sheet and strip
Nizovi o zrakoplovstvu – Metalni materijali – Metode ispitivanja – Ispitivanje vlačne čvrstoće probnim uzorkom za lim i traku
- prEN 4618 en
Aerospace series – Aircraft internal air quality standards, criteria and determination methods
- prEN 12895 en
Industrial trucks – Electromagnetic compatibility
Industrijski kamioni – Elektromagnetska kompatibilnost
- EN 16307-6:2014 en
Industrial trucks – Safety requirements and verification – Part 6: Supplementary requirements for burden and personnel carriers

HZNTU U1, Opća elektrotehnika 1

- FprEN 60071-5:2013 en
Insulation co-ordination – Part 5: Procedures for high-voltage direct current (HVDC) converter stations (IEC 60071-5:201X)
- FprEN 60695-1-11:2013 en
Fire hazard testing – Part 1-11: Guidance for assessing the fire hazard of electrotechnical products – Fire hazard assessment (IEC 60695-1-11:201X)
Ispitivanje opasnosti od požara – Dio 1-11: Upute za procjenu opasnosti od požara za elektrotehničke proizvode – Procjena opasnosti od požara (IEC 60695-1-11:201X)
- FprEN 62656-3:2013 en
Standardized product ontology register and transfer by spreadsheets – Part 3: Interface for Common Information Model (IEC 62656-3:201X)

HZNTU V1, Elektronika 1

- EN 50117-1:2002/A2:2013 en
Coaxial cables – Part 1: Generic specification
Koaksijalni kabeli – 1. dio: Opća (generička) specifikacija
- EN 50117-2-1:2005/A2:2013 en
Coaxial cables – Part 2-1: Sectional specification for cables used in cabled distribution networks – Indoor drop cables for systems operating at 5 MHz – 1000 MHz
Koaksijalni kabeli – Dio 2-1: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabeli u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 1000 MHz
- EN 50117-2-2:2004/A2:2013 en
Coaxial cables – Part 2-2: Sectional specification for cables used in cabled distribution networks – Outdoor drop cables for systems operating at 5 MHz – 1000 MHz

- Koaksijalni kabeli – Dio 2-2: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabeli na otvorenom (prostoru) za sustave koji rade na 5 MHz – 1000 MHz
- EN 50117-2-3:2004/A2:2013 en
Coaxial cables – Part 2-3: Sectional specification for cables used in cabled distribution networks – Distribution and trunk cables for systems operating at 5 MHz – 1000 MHz
Koaksijalni kabeli – Dio 2-3: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Razdjelni i glavni međumjesni kabeli za sustave koji rade na 5 MHz – 1000 MHz
- EN 50117-2-4:2004/A2:2013 en
Coaxial cables – Part 2-4: Sectional specification for cables used in cabled distribution networks – Indoor drop cables for systems operating at 5 MHz – 3000 MHz
Koaksijalni kabeli – Dio 2-4: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabeli u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz
- EN 50117-2-5:2004/A2:2013 en
Coaxial cables – Part 2-5: Sectional specification for cables used in cabled distribution networks – Outdoor drop cables for systems operating at 5 MHz – 3000 MHz
Koaksijalni kabeli – Dio 2-5: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabeli na otvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz
- EN 50117-4-1:2008/A1:2013 en
Coaxial cables – Part 4-1: Sectional specification for cables for BCT cabling in accordance with EN 50173 – Indoor drop cables for systems operating at 5 MHz – 3000 MHz
Koaksijalni kabeli – Dio 4-1: Sekcijska specifikacija za kabele za BCT kabliranje u skladu s EN 50173 – Viseći kabeli u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz
- EN 50377-17-1:2013 en
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 17-1: Type FPFT (factory polished field terminated) simplex connector factory terminated with EN 60793-2-50 category B1.3 fibre and field mounted onto IEC 60793-2-50 category B1.3 or B6a_1 or B6a_2 singlemode fibre, category C
- prEN 50411-3-5:2013 en
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-5 Wall outlet
- FprEN 50491-1:2013 en
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 1: General requirements
- EN 60794-1-2:2014 en
Optical fibre cables – Part 1-2: Generic specification – Cross reference table for optical cable test procedures (IEC 60794-1-2:2013)
- FprEN 60794-1-20:2012 en
Optical fibre cables – Part 1-20: Generic specification – Basic optical cable test procedures – General and Definitions (IEC 60794-1-20:2014)
- FprEN 60794-2-51:2013 en
Optical fibre cables – Part 2-51: Indoor optical fibre cables – Detail specification for simplex and duplex cables for use in cords for controlled environment (IEC 60794-2-51:201X)

FprEN 60794-5-10:2013 en
Optical fibre cables – Part 5-10: Family specification for outdoor microduct optical fibre cables, microducts and protected microducts for installation by blowing (IEC 60794-5-10:2014)

FprEN 60794-5-20:2013 en
Optical fibre cables – Part 5-20: Family specification for outdoor microduct fibre units, microducts and protected microducts for installation by blowing (IEC 60794-5-20:201X)

FprEN 61300-2-15:2013 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-15: Tests – Torque strength of coupling mechanism (IEC 61300-2-15:201X)

FprEN 61300-2-35:2013 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-35: Tests – Cable nutation (IEC 61300-2-35:201X)

FprEN 61300-2-42:2013 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-42: Tests – Static side load for strain relief (IEC 61300-2-42:2014)

EN 61300-2-44:2013 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-44: Tests – Flexing of the strain relief of fibre optic devices (IEC 61300-2-44:2013)

EN 61300-3-25:2013 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-25: Examinations and measurements – Concentricity of the non-angled ferrules and non-angled ferrules with fibre installed (IEC 61300-3-25:2013)

EN 61300-3-48:2013 en
Fibre optic interconnect devices and passive components – Basic test and measurement procedures – Part 3-48: Examinations and measurements – Spring compression force of the coupling sleeve for rectangular ferrule multi-fibre connectors (IEC 61300-3-48:2013)

FprEN 61340-4-6:2013 en
Electrostatics – Part 4-6: Standard test methods for specific applications – Wrist straps (IEC 61340-4-6)

FprEN 61726:2013 en
Cable assemblies, cables, connectors and passive microwave components – Screening attenuation measurement by the reverberation chamber method (IEC 61726:201X)

FprEN 61753-1-3:2012 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 1-3: General and guidance for single-mode fibre optic connector and cable assembly for industrial environment, Category (IEC 61753-1-3:201X)

EN 61754-1:2013 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 1: General and guidance (IEC 61754-1:2013)

FprEN 62588:2013 en
Marking and labeling of components, PCBs and PCBA's to identify lead (Pb), lead-free (Pb-free) and other attributes (IEC 62588)

FprEN 62761:2013 en
Guidelines for the measurement method of nonlinearity for surface acoustic wave (SAW) and bulk acoustic wave (BAW) devices in radio frequency (RF) (IEC 62761:201X)

FprEN 62817:2013 en
Solar trackers for photovoltaic systems – Design qualification (IEC 62817:201X)

HZNTU W1, *Energetska elektrotehnika 1*

EN 60252-1:2011/A1:2013 en
AC motor capacitors – Part 1: General – Performance, testing and rating – Safety requirements – Guidance for installation and operation (IEC 60252-1:2010/am1:2013)
Kondenzatori za izmjenične motore – 1. dio: Općenito – Značajke, ispitivanja i ocjenjivanje – Zahtjevi za sigurnost – Vodič za instaliranje i rad (IEC 60252-1:2010/am1:2013)

EN 60252-2:2011/A1:2013 en
AC motor capacitors – Part 2: Motor start capacitors (IEC 60252-2:2010/am1:2013)
Kondenzatori za izmjenične motore – 2. dio: Kondenzatori za pokretanje motora (IEC 60252-2:2010/am1:2013)

EN 60745-1:2009/prAB:2012 en
Hand-held motor-operated electric tools – Safety – Part 1: General requirements
Ručni elektromotorni alati – Sigurnost – 1. dio: Opći zahtjevi

EN 60745-2-1:2010/prAA:2012 en
Hand-held motor-operated electric tools – Safety – Part 2-1: Particular requirements for drills and impact drills
Ručni elektromotorni alati – Sigurnost – Dio 2-1: Posebni zahtjevi za bušilice i udarne bušilice

EN 60745-2-22:2011/prAC:2012 en
Hand-held motor-operated electric tools – Safety – Part 2-22: Particular requirements for cut-off machines
Ručni elektromotorni alati – Sigurnost – Dio 2-22: Posebni zahtjevi za rezne alate

EN 60745-2-3:2011/prAA:2012 en
Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders
Ručni elektromotorni alati – Sigurnost – Dio 2-3: Posebni zahtjevi za brusilice, laštalice i kolutne pjeskarilice

EN 60745-2-4:2009/prAB:2012 en
Hand-held motor-operated electric tools – Safety – Part 2-4: Particular requirements for sanders and polishers other than disk type
Ručni elektromotorni alati – Sigurnost – Dio 2-4: Posebni zahtjevi za pjeskarilice i laštalice

EN 60745-2-6:2010/prAA:2012 en
Hand-held motor-operated electric tools – Safety – Part 2-6: Particular requirements for hammers
Ručni elektromotorni alati – Sigurnost – Dio 2-6: Posebni zahtjevi za čekiće

EN 62693:2013 en
Industrial electroheating installations – Test methods for infrared electroheating installations (IEC 62693:2013)

FprEN 62841-1:2013/FprAA:2013 en
Electric Motor-Operated Hand-Held, Transportable Tools and Lawn and Garden Machinery – Safety – Part 1: General requirements

FprEN 62841-2-2:2014/FprAA:2014 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches

1.4 Povučene hrvatske norme

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

HZN/TO 5, *Metalne cijevi i priključci*

HRN EN 1591-1:2009 en

Prirubnice i njihovi spojevi – Pravila za projektiranje prirubničkih spojeva s kružnim brtvama – 1. dio: Postupak proračuna (EN 1591-1:2001+A1:2009)
Flanges and their joints – Design rules for gasketed circular flange connections – Part 1: Calculation method (EN 1591-1:2001+A1:2009)
- zamijenjena s: HRN EN 1591-1:2014

HRN EN 1591-1:2009/Ispr.1:2011 en

Prirubnice i njihovi spojevi – Pravila za projektiranje prirubničkih spojeva s kružnim brtvama – 1. dio: Postupak proračuna (EN 1591-1:2001+A1:2009/AC:2011)
Flanges and their joints – Design rules for gasketed circular flange connections – Part 1: Calculation method (EN 1591-1:2001+A1:2009/AC:2011)
- zamijenjena s: HRN EN 1591-1:2014

HZN/TO 8, *Brodogradnja*

HRN EN ISO 10088:2010 en

Mala plovila – Trajno ugrađeni sustavi goriva (ISO 10088:2009; EN ISO 10088:2009)
Small craft – Permanently installed fuel systems (ISO 10088:2009; EN ISO 10088:2009)
- zamijenjena s: HRN EN ISO 10088:2013

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 14043:2009 en

Vatrogasna vozila za primjenu na visini velikog dosega – Okretne ljestve s kombiniranim gibanjem – Zahtjevi za sigurnost i svojstva te ispitne metode (EN 14043:2005+A1:2009)
High rise aerial appliances for fire service use – Turntable ladders with combined movements – Safety and performance requirements and test methods (EN 14043:2005+A1:2009)
- zamijenjena s: HRN EN 14043:2014

HRN EN 14044:2009 en

Vatrogasna vozila za primjenu na visini velikog dosega – Okretne ljestve sa sekvencijskim gibanjem – Zahtjevi za sigurnost i svojstva te ispitne metode (EN 14044:2005+A1:2009)
High rise aerial appliances for fire service use – Turntable ladders with sequential movements – Safety and performance requirements and test methods (EN 14044:2005+A1:2009)
- zamijenjena s: HRN EN 14044:2014

HRS CEN/TS 15176:2008 en

Vrednovanje sukladnosti s normama za stabilne protupožarne sustave (CEN/TS 15176:2005)
Evaluation of conformity for fixed firefighting systems standards (CEN/TS 15176:2005)
- bez zamjene

HZN/TO 25, *Ljevarstvo*

HRN EN 1369:2001 en

Ljevarstvo – Ispitivanje magnetskim česticama (EN 1369:1996)
Founding – Magnetic particle inspection (EN 1369:1996)
- zamijenjena s: HRN EN 1369:2014

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 8311:2002 en

Pothlađeni laki ugljikovodici – Umjeravanje membranskih spremnika i neovisnih prizmatičkih spremnika u brodovima – Fizikalno mjerenje (ISO 8311:1989; EN ISO 8311:1995)
Refrigerated light hydrocarbon fluids – Calibration of membranes tanks and independent prismatic tanks in ship – Physical measurement (ISO 8311:1989; EN ISO 8311:1995)
- zamijenjena s: HRN EN ISO 8311:2014

HRN EN 14214:2012 en

Tekući naftni proizvodi – Metilni esteri masnih kiselina (FAME) za dizelske motore i grijanje – Zahtjevi i metode ispitivanja (EN 14214:2012)
Liquid petroleum products – Fatty acid methyl esters (FAME) for use in diesel engines and heating applications – Requirements and test methods (EN 14214:2012)
- zamijenjena s: HRN EN 14214:2014

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

HRN EN ISO 20483:2008 en

Žitarice i mahunarke – Određivanje sadržaja dušika i proračun sadržaja sirovih proteina – Prema Kjeldahl metodi (ISO 20483:2006; EN ISO 20483:2006)
Cereals and pulses – Determination of the nitrogen content and calculation of the crude protein content – Kjeldahl method (ISO 20483:2006; EN ISO 20483:2006)
- zamijenjena s: HRN EN ISO 20483:2014

HZN/TO 34/PO 10, *Poljoprivredni i prehrambeni proizvodi; Senzorske analize*

HRN ISO 8586-1:1999 en

Senzorske analize – Opće uputstvo za odabir, izobrazbu i nadzor ispitivača – 1. dio: Izabrani ispitivači (ISO 8586-1:1993)
Sensory analysis – General guidance for the selection, training and monitoring of assessors – Part 1: Selected assessors (ISO 8586-1:1993)
- zamijenjena s: HRN EN ISO 8586:2014

HRN EN ISO 8586-2:2008 en

Senzorske analize – Opće uputstvo za odabir, izobrazbu i nadzor ispitivača – 2. dio: Iskusni senzorski ispitivači (eksperti) (ISO 8586-2:2008; EN ISO 8586-2:2008)
Sensory analysis – General guidance for the selection, training and monitoring of assessors – Part 2: Expert sensory assessors (ISO 8586-2:2008; EN ISO 8586-2:2008)
- zamijenjena s: HRN EN ISO 8586:2014

HZN/TO 35, *Boje i lakovi*

HRN EN ISO 11341:2005 en

Boje i lakovi – Umjetno starenje i izlaganje umjetnoj radijaciji (ISO 11341:2004; EN ISO 11341:2004)
Paints and varnishes – Artificial weathering and exposure to artificial radiation (ISO 11341:2004; EN ISO 11341:2004)
- zamijenjena s: HRN EN ISO 16474-1:2014

HRN EN ISO 11507:2008 en
Boje i lakovi – Izlaganje prevlaka umjetnom starenju – Izlaganje fluorescentnim UV lampama i vodi (ISO 11507:2007; EN ISO 11507:2007)
Paints and varnishes – Exposure of coatings to artificial weathering – Exposure to fluorescent UV lamps and water (ISO 11507:2007; EN ISO 11507:2007)
- zamijenjena s: HRN EN ISO 16474-1:2014

HZN/TO 43, Akustika

HRN EN ISO 1680:2000 en
Akustika – Ispitna pravila za mjerenje zračne buke koju emitiraju rotacijski električni strojevi (ISO 1680:1999; EN ISO 1680:1999)
Acoustics – Test code for the measurement of airborne noise emitted by rotating electrical machines (ISO 1680:1999; EN ISO 1680:1999)
- zamijenjena s: HRN EN ISO 1680:2014

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN 287-1:2012 en
Provjera osposobljenosti zavarivača – Zavarivanje taljenjem – 1. dio: Čelici (EN 287-1:2011)
Qualification test of welders – Fusion welding – Part 1: Steels (EN 287-1:2011)
- zamijenjena s: HRN EN ISO 9606-1:2014

HRN EN 1418:1999 en
Zavarivačko osoblje – Provjera osposobljenosti rukovatelja za elektrolučno zavarivanje i elektrootporno zavarivanje pri potpuno mehaniziranom i automatiziranom zavarivanju metalnih materijala (EN 1418:1997)
Welding personnel – Approval testing of welding operators for fusion welding and resistance weld setters for fully mechanized and automatic welding of metallic materials (EN 1418:1997)
- zamijenjena s: HRN EN ISO 14732:2014

HRN EN 1435:2000 en
Nerazorno ispitivanje zavara – Radiografsko ispitivanje zavarenih spojeva (EN 1435:1997)
Non-destructive examination of welds – Radiographic examination of welded joints (EN 1435:1997)
- zamijenjena s: HRN EN ISO 17636-1:2014

HRN EN 1435:2000/A1:2003 en
Nerazorno ispitivanje zavara – Radiografsko ispitivanje zavarenih spojeva (EN 1435:1997/A1:2002)
Non-destructive examination of welds – Radiographic examination of welded joints (EN 1435:1997/A1:2002)
- zamijenjena s: HRN EN ISO 17636-1:2014

HRN EN 1435:2000/A2:2008 en
Nerazorno ispitivanje zavara – Radiografsko ispitivanje zavarenih spojeva (EN 1435:1997/A2:2003)
Non-destructive testing of welds – Radiographic testing of welded joints (EN 1435:1997/A2:2003)
- zamijenjena s: HRN EN ISO 17636-1:2014

HRN EN ISO 9455-16:2002 en
Talila za meko lemljenje – Ispitne metode – 16. dio: Ispitivanje učinkovitosti talila, metoda kvašenja (ISO 9455-16:1998; EN ISO 9455-16:2001)
Soft soldering fluxes – Test methods – Part 16: Flux efficiency tests, wetting balance method (ISO 9455-16:1998; EN ISO 9455-16:2001)
- zamijenjena s: HRN EN ISO 9455-16:2014

HRN EN ISO 14554-1:2001 en
Zahtjevi za kakvoću zavarivanja – Elektrootporno zavarivanje metalnih materijala – 1. dio: Sveobuhvatni zahtjevi za kakvoću (ISO 14554-1:2000; EN ISO 14554-1:2000)

Quality requirements for welding – Resistance welding of metallic materials – Part 1: Comprehensive quality requirements (ISO 14554-1:2000; EN ISO 14554-1:2000)
- zamijenjena s: HRN EN ISO 14554-1:2014

HRN EN ISO 14554-2:2001 en
Zahtjevi za kakvoću zavarivanja – Elektrootporno zavarivanje metalnih materijala – 2. dio: Osnovni zahtjevi za kakvoću (ISO 14554-2:2000; EN ISO 14554-2:2000)
Quality requirements for welding – Resistance welding of metallic materials – Part 2: Elementary quality requirements (ISO 14554-2:2000; EN ISO 14554-2:2000)
- zamijenjena s: HRN EN ISO 14554-2:2014

HRN EN ISO 15012-1:2008 en
Zdravlje i sigurnost u zavarivanju i srodnim postupcima – Zahtjevi, ispitivanje i označavanje opreme za filtriranje zraka – 1. dio: Ispitivanje učinkovitosti odvajanja čestica iz dimova nastalih zavarivanjem (ISO 15012-1:2004; EN ISO 15012-1:2004)
Health and safety in welding and allied processes – Requirements testing and marking of equipment for air filtration – Part 1: Testing of the separation efficiency for welding fume (ISO 15012-1:2004; EN ISO 15012-1:2004)
- zamijenjena s: HRN EN ISO 15012-1:2014

HRN EN ISO 15615:2003 en
Oprema za plinsko zavarivanje – Acetilenski razdjelni sustavi za zavarivanje, rezanje i srodne postupke – Sigurnosni zahtjevi za visokotlačne uređaje (ISO 15615:2002; EN ISO 15615:2002)
Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – Safety requirements in high-pressure devices (ISO 15615:2002; EN ISO 15615:2002)
- zamijenjena s: HRN EN ISO 15615:2014

HRN EN ISO 17655:2004 en
Razorna ispitivanja zavara metalnih materijala – Metoda uzorkovanja za mjerenje sadržaja delta ferita (ISO 17655:2003; EN ISO 17655:2003)
Destructive tests on welds in metallic materials – Method for taking samples for delta ferrite measurement (ISO 17655:2003; EN ISO 17655:2003)
- bez zamjene

HRN EN 22553:1999 en
Zavareni, tvrdo i meko lemljeni spojevi – Simboličko prikazivanje na crtežima (ISO 2553:1992; EN 22553:1994)
Welded, brazed and soldered joints – Symbolic representation on drawings (ISO 2553:1992; EN 22553:1994)
- zamijenjena s: HRN EN ISO 2553:2014

HZN/TO 74, Cement i vapno

HRN EN 197-2:2004 en
Cement – 2. dio: Vrednovanje sukladnosti (EN 197-2:2000)
Cement – Part 2: Conformity evaluation (EN 197-2:2000)
- zamijenjena s: HRN EN 197-2:2014

HZN/TO 92, Zaštita od požara

HRN EN 1364-3:2008 en
Ispitivanje otpornosti nenosivih elemenata na požar – 3. dio: Ovjese ne fasade – Potpuna postava (cijeli sustav) (EN 1364-3:2006)
Fire resistance tests for non-loadbearing elements – Part 3: Curtain walling – Full configuration (complete assembly) (EN 1364-3:2006)
- zamijenjena s: HRN EN 1364-3:2014

HRN EN 1634-1:2008 en
Ispitivanje otpornosti na požar i kontrolu dima vrata, roleta i prozora koji se mogu otvarati i elemenata zgrade – 1. dio: Ispitivanje otpornosti na požar vrata, elemenata za zatvaranje i prozora koji se mogu otvarati (EN 1634-1:2008)
Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware – Part 1: Fire resistance tests for doors, shutters and openable windows (EN 1634-1:2008)
- zamijenjena s: HRN EN 1634-1:2014

HZNTO 135, Nerazorna ispitivanja

HRN EN 444:1997 hr
Nerazorno ispitivanje – Osnove ispitivanja metalnih materijala prozračivanjem rendgenskim i gama-zrakama (EN 444:1994)
Non-destructive testing – General principles for radiographic examination of metallic materials by X- and gamma-rays (EN 444:1994)
- zamijenjena s: HRN EN ISO 5579:2014

HRN EN 444:1997/Ispr. 1 hr
Nerazorno ispitivanje – Osnove ispitivanja metalnih materijala prozračivanjem rendgenskim i gama-zrakama (EN 444:1994), Ispravak 1
Non-destructive testing – General principles for the radiographic examination of metallic materials by X- and gamma-rays (EN 444:1994), Corrigendum 1
- zamijenjena s: HRN EN ISO 5579:2014

HRN EN 1330-5:2001 en,fr,de
Nerazorno ispitivanje – Nazivlje – 5. dio: Nazivi koji se upotrebljavaju pri ispitivanju vrtložnim strujama (EN 1330-5:1998)
Non destructive testing – Terminology – Part 5: Terms used in Eddy current testing (EN 1330-5:1998)
- zamijenjena s: HRN EN ISO 12718:2008

HRN EN ISO 3452-2:2008 en
Nerazorno ispitivanje – Ispitivanje penetrantima – 2. dio: Ispitivanje penetrantnih proizvoda (ISO 3452-2:2006; EN ISO 3452-2:2006)
Non-destructive testing – Penetrant testing – Part 2: Testing of penetrant materials (ISO 3452-2:2006; EN ISO 3452-2:2006)
- zamijenjena s: HRN EN ISO 3452-2:2014

HRN EN ISO 3452-3:1999 en
Nerazorno ispitivanje – Ispitivanje penetrantima – 3. dio: Referencijski ispitni blokovi (ISO 3452-3:1998; EN ISO 3452-3:1998)
Non-destructive testing – Penetrant testing – Part 3: Reference test blocks (ISO 3452-3:1998; EN ISO 3452-3:1998)
- zamijenjena s: HRN EN ISO 3452-3:2014

HRN EN 14584:2007 en
Nerazorno ispitivanje – Akustička emisija – Ispitivanje metalne tlačne opreme tijekom njezina potvrđivanja – Položaj izvora AE na plohi (EN 14584:2005)
Non-destructive testing – Acoustic emission – Examination of metallic pressure equipment during proof testing – Planar location of AE sources (EN 14584:2005)
- zamijenjena s: HRN EN 14584:2014

HRN EN ISO 15548-1:2008 en
Nerazorno ispitivanje – Oprema za ispitivanje vrtložnim strujama – 1. dio: Svojstva i provjeravanje uređaja (ISO 15548-1:2008; EN ISO 15548-1:2008)
Non-destructive testing – Equipment for eddy current examination – Part 1: Instrument characteristics and verification (ISO 15548-1:2008; EN ISO 15548-1:2008)
- zamijenjena s: HRN EN ISO 15548-1:2014

HRN EN ISO 15548-1:2008/Ispr.1:2011 en
Nerazorno ispitivanje – Oprema za ispitivanje vrtložnim strujama – 1. dio: Svojstva i provjeravanje uređaja (ISO 15548-1:2008/Cor 1:2010; EN ISO 15548-1:2008/AC:2010)
Non-destructive testing – Equipment for eddy current examination – Part 1: Instrument characteristics and verification (ISO 15548-1:2008/Cor 1:2010; EN ISO 15548-1:2008/AC:2010)
- zamijenjena s: HRN EN ISO 15548-1:2014

HRN EN ISO 15548-2:2008 en
Nerazorno ispitivanje – Oprema za ispitivanje vrtložnim strujama – 2. dio: Svojstva i provjeravanje sonde (ISO 15548-2:2008; EN ISO 15548-2:2008)
Non-destructive testing – Equipment for eddy current examination – Part 2: Probe characteristics and verification (ISO 15548-2:2008; EN ISO 15548-2:2008)
- zamijenjena s: HRN EN ISO 15548-2:2014

HZNTO 136, Namještaj

HRN EN 12720:2009 en
Namještaj – Procjena otpornosti površine prema hladnim tekućinama (EN 12720:2009)
Furniture – Assessment of surface resistance to cold liquids (EN 12720:2009)
- zamijenjena s: HRN EN 12720:2014

HRN EN 12721:2009 en
Namještaj – Procjena otpornosti površine prema toplini s vlagom (EN 12721:2009)
Furniture – Assessment of surface resistance to wet heat (EN 12721:2009)
- zamijenjena s: HRN EN 12721:2014

HRN EN 12722:2009 en
Namještaj – Procjena otpornosti površine prema toplini bez vlage (EN 12722:2009)
Furniture – Assessment of surface resistance to dry heat (EN 12722:2009)
- zamijenjena s: HRN EN 12722:2014

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

HRN ENV 1046:2004 en
Plastični cijevni i kanalni sustavi – Sustav za transport vode ili otpadne vode izvan građevinske konstrukcije – Postupci za nadzemno i podzemno polaganje (ENV 1046:2001)
Plastics piping and ducting systems – System outside building structure for the conveyance of water or sewage – Practices for installation above and below ground (ENV 1046:2001)
- zamijenjena s: HRI CEN/TR 1046:2014

HRN CEN/TS 14578:2007 en
Plastični cijevni sustavi za opskrbu vodom ili odvodnju i kanalizaciju – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) – Preporuke za ugradnju (CEN/TS 14578:2003)
Plastics piping systems for water supply or drainage and sewerage – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) – Recommended practice for installation (CEN/TS 14578:2003)
- zamijenjena s: HRS CEN/TS 14578:2014

HRN CEN/TS 14807:2007 en
Plastični cijevni sustavi – Staklom ojačani duromeri (GRP) na osnovi nezasićenih poliesterskih smola (UP) – Smjernice za strukturnu analizu podzemnih GRP-UP cjevovoda (CEN/TS 14807:2004)
Plastics piping systems – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) – Guidance for the structural analysis of buried GRP-UP pipelines (CEN/TS 14807:2004)
- zamijenjena s: HRS CEN/TS 14807:2014

HRN EN 15383:2013 en
Plastični cijevni sustavi za odvodnju i kanalizaciju – Staklom ojačana duromerna plastika (GRP) na osnovi poliestera (UP) – Kontrolna okna i kontrolne komore (EN 15383:2012)
Plastics piping systems for drainage and sewerage – Glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) – Manholes and inspection chambers (EN 15383:2012)
- zamijenjena s: HRN EN 15383:2014

HZNTO 146, Kvaliteta zraka

HRN EN 1232:2007 en
Atmosfera radnih prostora – Sisaljke za osobne sakupljače kemijskih onečišćenja – Zahtjevi i metode ispitivanja (EN 1232:1997)
Workplace atmospheres – Pumps for personal sampling of chemical agents – Requirements and test methods (EN 1232:1997)
- zamijenjena s: HRN EN ISO 13137:2014

HRN EN 1948-4:2010 en
Emisije iz stacionarnih izvora – Određivanje masene koncentracije PCDD/PCDF i PCB-a sličnih dioksinu – 4. dio: Uzorkovanje i analiza PCB-a sličnih dioksinu (EN 1948-4:2010)
Stationary source emissions – Determination of the mass concentration of PCDDs/PCDFs and dioxin-like PCBs – Part 4: Sampling and analysis of dioxin-like PCBs (EN 1948-4:2010)
- zamijenjena s: HRN EN 1948-4:2014

HRN EN 12919:2008 en
Atmosfera radnih prostora – Pumpe za uzorkovanje kemijskih agenasa s protokom volumena preko 5 l/min – Zahtjevi i metode ispitivanja (EN 12919:1999)
Workplace atmospheres – Pumps for the sampling of chemical agents with a volume flow rate of over 5 l/min – Requirements and test methods (EN 12919:1999)
- zamijenjena s: HRN EN ISO 13137:2014

HRN EN 15051:2008 en
Atmosfera radnih prostora – Mjerenje prašnosti rastrešenih materijala – Zahtjevi i referentne metode ispitivanja (EN 15051:2006)
Workplace atmospheres – Measurement of the dustiness of bulk materials – Requirements and reference test methods (EN 15051:2006)
- zamijenjena s: HRN EN 15051-1:2014

HZNTO 147/PO 2, Kvaliteta vode; Fizikalno-kemijske metode ispitivanja

HRN EN 1483:2008 en
Kakvoća vode – Određivanje žive – Metoda atomske apsorpcijske spektrometrije (EN 1483:2007)
Water quality – Determination of mercury – Method using atomic absorption spectrometry (EN 1483:2007)
- zamijenjena s: HRN EN ISO 12846:2012

HRN EN 12338:2002 en
Kakvoća vode – Određivanje žive – Metode obogaćivanja amalgamiranjem (EN 12338:1998)
Water quality – Determination of mercury – Enrichment methods by amalgamation (EN 12338:1998)
- zamijenjena s: HRN EN ISO 12846:2012
HRS ENV ISO 13530:2008 en
Kakvoća vode – Upute za analitičku kontrolu kakvoće za analizu vode (ISO/TR 13530:1997; ENV ISO 13530:1998)
Water quality – Guide to analytical quality control for water analysis (ISO/TR 13530:1997; ENV ISO 13530:1998)
- bez zamjene

HRN EN 26595:1998 en
Kakvoća vode – Određivanje ukupnog arsena – Spektrofotometrijska metoda s dietilditiokarbamatom (ISO 6595:1982; EN 26595:1992)
Water quality – Determination of total arsenic – Silver diethyldithiocarbamate spectrophotometric method (ISO 6595:1982; EN 26595:1992)
- bez zamjene

HZNTO 147/PO 7, Kvaliteta vode; Mikrobiološka i biološka ispitivanja

HRN EN ISO 16665:2009 en
Kakvoća vode – Smjernice za kvantitativno uzorkovanje i obradu uzoraka morske makro faune mekog dna (ISO 16665:2005; EN ISO 16665:2005)
Water quality – Guidelines for quantitative sampling and sample processing of marine soft-bottom macro fauna (ISO 16665:2005; EN ISO 16665:2005)
- zamijenjena s: HRN EN ISO 16665:2014

HZNTO 159, Ergonomija

HRN EN ISO 11064-4:2006 en
Ergonomski dizajn nadzorno-upravljačkih centara – 4. dio: Izgled i dimenzije mjesta rada (ISO 11064-4:2004; EN ISO 11064-4:2004)
Ergonomic design of workstations – Part 4: Layout and dimensions of workstations (ISO 11064-4:2004; EN ISO 11064-4:2004)
- zamijenjena s: HRN EN ISO 11064-4:2014

HZNTO 163, Toplinska izolacija

HRN EN 13947:2008 en
Toplinske značajke ovisjenih fasada – Proračun koeficijenta prolaska topline (EN 13947:2006)
Thermal performance of curtain walling – Calculation of thermal transmittance (EN 13947:2006)
- bez zamjene

HZNTO 165, Drvene konstrukcije

HRN EN 385:2006 en
Zupčasto spojeno konstrukcijsko drvo – Zahtjevi za izvedbu i minimalni zahtjevi proizvodnje (EN 385:2001)
Finger jointed structural timber – Performance requirements and minimum production requirements (EN 385:2001)
- bez zamjene

HRN EN 386:2006 en
Lijepljeno lamelirano drvo – Zahtjevi za izvedbu i minimalni zahtjevi proizvodnje (EN 386:2001)
Glued laminated timber – Performance requirements and minimum production requirements (EN 386:2001)
- bez zamjene

HRN EN 387:2006 en
Lijepljeno lamelirano drvo – Dugi zupčasti spoj – Zahtjevi za izvedbu i minimalni zahtjevi proizvodnje (EN 387:2001)
Glued laminated timber – Large finger joints – Performance requirements and minimum production requirements (EN 387:2001)
- bez zamjene

HRN EN 390:2006 en
Lijepljeno lamelirano drvo – Dimenzije – Dopuštena odstupanja (EN 390:1994)
Glued laminated timber – Sizes – Permissible deviations (EN 390:1994)
- bez zamjene

- HRN EN 391:2006 en
Lijepljeno lamelirano drvo – Ispitivanje delaminacije po ravni lijepljenja (EN 391:2001)
Glued laminated timber – Delamination test of glue lines (EN 391:2001)
- bez zamjene
- HRN EN 1194:2006 en
Drvene konstrukcije – Lijepljeno lamelirano drvo – Klase čvrstoće i određivanje karakterističnih vrijednosti (EN 1194:1999)
Timber structures – Glued laminated timber – Strength classes and determination of characteristic values (EN 1194:1999)
- bez zamjene

HZN/TO 172, *Optika i optički instrumenti*

- HRN EN ISO 8980-3:2005 en
Oftalmološka optika – Neoblikovane gotove naočalne leće – 3. dio: Specifikacije transmitancije i metode ispitivanja (ISO 8980-3:2003; EN ISO 8980-3:2004)
Ophthalmic optics – Uncut finished spectacle lenses – Part 3: Transmittance specifications and test methods (ISO 8980-3:2003; EN ISO 8980-3:2004)
- zamijenjena s: HRN EN ISO 8980-3:2014
- HRN EN ISO 9394:2008 en
Oftalmološka optika – Kontaktne leće i proizvodi za njegu kontaktnih leća – Utvrđivanje biološke podnošljivosti za oči proučavanjem na zečjim očima (ISO 9394:1998; EN ISO 9394:1998)
Ophthalmic optics – Contact lenses and contact lens care products – Determination of biocompatibility by ocular study using rabbit eyes (ISO 9394:1998; EN ISO 9394:1998)
- zamijenjena s: HRN EN ISO 9394:2014
- HRN EN ISO 10341:2010 en
Oftalmološki instrumenti – Refraktorske glave (ISO 10341:2009; EN ISO 10341:2009)
Ophthalmic instruments – Refractor heads (ISO 10341:2009; EN ISO 10341:2009)
- zamijenjena s: HRN EN ISO 10341:2014
- HRN EN ISO 11254-1:2008 en
Laseri i pridružena oprema – Određivanje praga oštećenja izazvanih laserom na optičkim površinama – 1. dio: Ispitivanje 1 na 1 (ISO 11254-1:2000; EN ISO 11254-1:2000)
Lasers and laser-related equipment – Determination of laser-induced damage threshold of optical surfaces – Part 1: 1 on 1 test (ISO 11254-1:2000; EN ISO 11254-1:2000)
- zamijenjena s: HRN EN ISO 11254-1:2012
- HRN EN ISO 11254-2:2008 en
Laseri i pridružena oprema – Određivanje praga oštećenja izazvanih laserom na optičkim površinama – 2. dio: Ispitivanje S na 1 (ISO 11254-2:2001; EN ISO 11254-2:2001)
Lasers and laser-related equipment – Determination of laser-induced damage threshold of optical surfaces – Part 2: S-on-1 test (ISO 11254-2:2001; EN ISO 11254-2:2001)
- zamijenjena s: HRN EN ISO 11254-1:2012
- HRN EN ISO 11254-3:2008 en
Laseri i pridružena oprema – Određivanje praga oštećenja izazvanih laserom na optičkim površinama – 3. dio: Ispitivanje otpornosti na snagu (energiju) laserskog zračenja (ISO 11254-3:2006; EN ISO 11254-3:2006)
Lasers and laser-related equipment – Determination of laser-induced damage threshold of optical surfaces – Part 3: Assurance of laser power (energy) handling capabilities (ISO 11254-3:2006; EN ISO 11254-3:2006)
- zamijenjena s: HRN EN ISO 11254-3:2012

- HRN EN ISO 11979-1:2008 en
Oftalmološki implantanti – Intraokularne leće – 1. dio: Terminološki rječnik (ISO 11979-1:2006; EN ISO 11979-1:2006)
Ophthalmic implants – Intraocular lenses – Part 1: Vocabulary (ISO 11979-1:2006; EN ISO 11979-1:2006)
- zamijenjena s: HRN EN ISO 11979-1:2014
- HRN EN ISO 11979-3:2008 en
Oftalmološki implantanti – Intraokularne leće – 3. dio: Mehanička svojstva i metode ispitivanja (ISO 11979-3:2006; EN ISO 11979-3:2006)
Ophthalmic implants – Intraocular lenses – Part 3: Mechanical properties and test methods (ISO 11979-3:2006; EN ISO 11979-3:2006)
- zamijenjena s: HRN EN ISO 11979-3:2014
- HRN EN ISO 11987:2008 en
Optika i optički instrumenti – Kontaktne leće – Određivanje roka uporabe (ISO 11987:1997; EN ISO 11987:1997)
Optics and optical instruments – Contact lenses – Determination of shelf-life (ISO 11987:1997; EN ISO 11987:1997)
- zamijenjena s: HRN EN ISO 11987:2014
- HRN EN ISO 11990:2008 en
Optika i optički instrumenti – Laseri i pridružena oprema – Utvrđivanje otpornosti trahealnih intubacijskih cijevi na lasersko zračenje (ISO 11990:2003; EN ISO 11990:2003)
Optics and optical instruments – Lasers and laser-related equipment – Determination of laser resistance of tracheal tube shafts (ISO 11990:2003; EN ISO 11990:2003)
- zamijenjena s: HRN EN ISO 11990-1:2011
- HRN EN ISO 19980:2008 en
Oftalmološki instrumenti – Kornealni topograferi (ISO 19980:2005; EN ISO 19980:2005)
Ophthalmic instruments – Corneal topographers (ISO 19980:2005; EN ISO 19980:2005)
- zamijenjena s: HRN EN ISO 19980:2014

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

- HRN EN 71-1:2011 en
Sigurnost igračaka – 1. dio: Mehanička i fizikalna svojstva (EN 71-1:2011)
Safety of toys – Part 1: Mechanical and physical properties (EN 71-1:2011)
- zamijenjena s: HRN EN 71-1:2014
- HRN EN 71-6:2004 en
Sigurnost igračaka – 6. dio: Grafički simboli za označavanje upozorenja za dobnu skupinu (EN 71-6:1994)
Safety of toys – Part 6: Graphical symbol for age warning labelling (EN 71-6:1994)
- bez zamjene

HZN/TO 190, *Kvaliteta tla*

- HRN ISO 14238:2004 en
Kakvoća tla – Biološke metode – Određivanje mineralizacije dušika i nitrifikacije u tlima i utjecaja kemikalija na ove procese (ISO 14238:1997)
Soil quality – Biological methods – Determination of nitrogen mineralization and nitrification in soils and the influence of chemicals on these processes (ISO 14238:1997)
- zamijenjena s: HRN EN ISO 14238:2014

HZN/TO 196, *Prirodni kamen*

- HRN EN 14205:2004 en
Ispitne metode prirodnog kamena – Određivanje tvrdoće prema Knoopu (EN 14205:2003)
Natural stone test methods – Determination of Knoop hardness (EN 14205:2003)
- bez zamjene

HZN/TO 211, *Geoinformacije/Geomatika*

- HRN EN ISO 19113:2005 en
Geoinformacije – Načela kvalitete (ISO 19113:2002;
EN ISO 19113:2005)
Geographic information – Quality principles
(ISO 19113:2002; EN ISO 19113:2005)
- zamijenjena s: HRN EN ISO 19157:2014
- HRN EN ISO 19114:2005 en
Geoinformacije – Postupci ocjenjivanja kvalitete
(ISO 19114:2003; EN ISO 19114:2005)
Geographic Information – Quality evaluation
procedures (ISO 19114:2003; EN ISO 19114:2005)
- zamijenjena s: HRN EN ISO 19157:2014
- HRN EN ISO 19114:2005/Ispr.1:2008 en
Geoinformacije – Postupci ocjenjivanja kvalitete (ISO
19114:2003/Cor 1:2005;
EN ISO 19114:2005/AC:2006)
Geographic information – Quality evaluation
procedures (ISO 19114:2003/Cor 1:2005;
EN ISO 19114:2005/AC:2006)
- zamijenjena s: HRN EN ISO 19157:2014

HZN/TO 215, *Medicinska informatika*

- HRN EN 1828:2003 en
Medicinska informatika – Kategorijska struktura za
razredbe i sustave šifriranja kirurških postupaka
(EN 1828:2002)
Health informatics – Categorial structure for
classifications and coding systems of surgical
procedures (EN 1828:2002)
- zamijenjena s: HRN EN ISO 1828:2014
- HRN EN 13606-1:2008 en
Medicinska informatika – Prijenos elektroničkoga
medicinskog zapisa – 1. dio: Referentni model (EN
13606-1:2007)
Health informatics – Electronic health record
communication – Part 1: Reference model
(EN 13606-1:2007)
- zamijenjena s: HRN EN ISO 13606-1:2014
- HRN EN 14463:2008 en
Medicinska informatika – Sintaksa za prikaz sadržaja
zdravstvenih razredbenih sustava – ClaML
(EN 14463:2007)
Health informatics – A syntax to represent the content
of medical classification systems – ClaML
(EN 14463:2007)
- zamijenjena s: HRN EN ISO 13120:2014
- HRS CEN/TS 15699:2012 en
Medicinska informatika – Izvori kliničkoga znanja –
Metapodaci (CEN/TS 15699:2009)
Health informatics – Clinical knowledge resources –
Metadata (CEN/TS 15699:2009)
- zamijenjena s: HRN EN ISO 13119:2014

HZN/TO 218, *Drvo*

- HRN EN 118:2008 en
Sredstva za zaštitu drva – Određivanje preventivnog
djelovanja protiv Reticulitermes vrsta (Europskih
termita) (laboratorijska metoda) (EN 118:2005)
Wood preservatives – Determination of preventive
action against Reticulitermes species (European
termites) (Laboratory method) (EN 118:2005)
- zamijenjena s: HRN EN 118:2014

- HRN EN 599-1:2010 en
Trajnost drva i proizvoda na osnovi drva – Učinkovitost
sredstava za preventivnu zaštitu drva određenu
biološkim ispitivanjima – 1. dio: Specifikacija u skladu
s uporabnim razredom (EN 599-1:2009)
Durability of wood and wood-based products
– Efficacy of preventive wood preservatives as
determined by biological tests – Part 1: Specification
according to use class (EN 599-1:2009)
- zamijenjena s: HRN EN 599-1:2014
- HRN EN 14076:2008 en
Drvena stubišta – Nazivlje (EN 14076:2004)
Timber stairs – Terminology (EN 14076:2004)
- zamijenjena s: HRN EN 14076:2014

HZN/TO 219, *Podne obloge*

- HRN EN 649:2013 en
Elastične podne obloge – Homogene i nehomogene
poli(vinil-kloridne) podne obloge – Specifikacija
(EN 649:2011)
Resilient floor coverings – Homogenous and
heterogenous polyvinyl chloride floor coverings –
Specification (EN 649:2011)
- zamijenjena s: HRN EN ISO 10581:2014
- HRN EN 660-1:2003 en
Elastične podne obloge – Određivanje otpornosti na
habanje – 1. dio: Ispitivanje prema Stuttgartu
(EN 660-1:1999+A1:2003)
Resilient floor coverings – Determination of wear
resistance – Part 1: Stuttgart test
(EN 660-1:1999+A1:2003)
- bez zamjene
- HRN EN 718:2004 en
Elastične podne obloge – Određivanje mase po
jedinici površine ojačanja ili podloge poli(vinil-
kloridnih) podnih obloga (EN 718:1995)
Resilient floor coverings – Determination of mass per
unit area of a reinforcement or a backing of polyvinyl
chloride floor coverings (EN 718:1995)
- bez zamjene
- HRN EN 1813:2004 en
Elastične podne obloge – Određivanje cjelovitosti
vunenog vlakna uporabom habalice (EN 1813:1997)
Textile floor coverings – Determination of wool fibre
integrity using an abrasion machine (EN 1813:1997)
- bez zamjene
- HRN EN 15825:2011 en
Tekstilne podne obloge – Razredba strojno rađenih
tepiha i staza bez flora (EN 15825:2010)
Textile floor coverings – Classification of machine-
made rugs and runners without pile (EN 15825:2010)
- zamijenjena s: HRN EN 14215:2013

HZN/TO 221, *Geosintetici*

- HRN EN 13249:2002 en
Geotekstil i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji cesta i
ostalih prometnih površina (izuzimaju se željeznice i
asfaltni sojevi) (EN 13249:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in the construction of
roads and other trafficked areas (excluding railways
and asphalt inclusion) (EN 13249:2000)
- zamijenjena s: HRN EN 13249:2014
- HRN EN 13249/A1:2005 en
Geotekstil i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji cesta i
ostalih prometnih površina (EN 13249:2000/A1:2005)
Geotextiles and geotextile-related products –
Required characteristics for use in the construction of
roads and other trafficked areas
(EN 13249:2000/A1:2005)
- zamijenjena s: HRN EN 13249:2014

- HRN EN 13250:2002 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji
željeznica (EN 13250:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in the construction of
railways (EN 13250:2000)
- zamijenjena s: HRN EN 13250:2014
- HRN EN 13250/A1:2005 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji
željeznica (EN 13250:2000/A1:2005)
Geotextiles and geotextile-related products –
Required characteristics for use in the construction of
railways (EN 13250:2000/A1:2005)
- zamijenjena s: HRN EN 13250:2014
- HRN EN 13251:2002 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izvođenju
zemljanih radova, temelja i potpornih konstrukcija
(EN 13251:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in earthworks,
foundations and retaining structures (EN 13251:2000)
- zamijenjena s: HRN EN 13251:2014
- HRN EN 13251/A1:2005 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izvođenju
zemljanih radova, temelja i potpornih konstrukcija
(EN 13251:2000/A1:2005)
Geotextiles and geotextile-related products –
Required characteristics for use in earthworks,
foundations and retaining structures (EN 13251:2000/
A1:2005)
- zamijenjena s: HRN EN 13251:2014
- HRN EN 13252:2002 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u drenažnim
sustavima (EN 13252:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in drainage systems
(EN 13252:2000)
- zamijenjena s: HRN EN 13252:2014
- HRN EN 13252/A1:2005 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u drenažnim
sustavima (EN 13252:2000/A1:2005)
Geotextiles and geotextile-related products –
Required characteristics for use in drainage systems
(EN 13252:2000/A1:2005)
- zamijenjena s: HRN EN 13252:2014
- HRN EN 13253:2002 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u zaštiti od erozije
(zaštita obale, obaloutvrde) (EN 13253:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in erosion control
works (coastal protection, bank revetments) (EN
13253:2000)
- zamijenjena s: HRN EN 13253:2014
- HRN EN 13253/A1:2005 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u sustavima kontrole
vanjske erozije (EN 13253:2000/A1:2005)
Geotextiles and geotextile-related products –
Required characteristics for use in external erosion
control systems (EN 13253:2000/A1:2005)
- zamijenjena s: HRN EN 13253:2014
- HRN EN 13254:2002 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji
akumulacijskih jezera i brana (EN 13254:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in the construction of
reservoirs and dams (EN 13254:2000)
- zamijenjena s: HRN EN 13254:2014
- HRN EN 13254/A1:2005 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji
akumulacijskih jezera i brana
(EN 13254:2000/A1:2005)
Geotextiles and geotextile-related products –
Characteristics required for use in the construction of
reservoirs and dams (EN 13254:2000/A1:2005)
- zamijenjena s: HRN EN 13254:2014
- HRN EN 13254/AC:2004 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji
akumulacijskih jezera i brana
(EN 13254:2000/AC:2003)
Geotextiles and geotextile-related products –
Characteristics required for use in the construction of
reservoirs and dams (EN 13254:2000/AC:2003)
- zamijenjena s: HRN EN 13254:2014
- HRN EN 13255:2002 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji kanala
(EN 13255:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in the construction of
canals (EN 13255:2000)
- zamijenjena s: HRN EN 13255:2014
- HRN EN 13255/A1:2005 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji kanala
(EN 13255:2000/A1:2005)
Geotextiles and geotextile-related products –
Characteristics required for use in the construction of
canals (EN 13255:2000/A1:2005)
- zamijenjena s: HRN EN 13255:2014
- HRN EN 13255/AC:2004 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu pri izgradnji kanala
(EN 13255:2000/AC:2003)
Geotextiles and geotextile-related products –
Characteristics required for use in the construction of
canals (EN 13255:2000/AC:2003)
- zamijenjena s: HRN EN 13255:2014
- HRN EN 13257:2002 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u odlagalištima
krutog otpada (EN 13257:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in solid waste
disposals (EN 13257:2000)
- zamijenjena s: HRN EN 13257:2014
- HRN EN 13257/A1:2005 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u odlagalištima
krutog otpada (EN 13257:2000/A1:2005)
Geotextiles and geotextile-related products –
Characteristics required for use in solid waste
disposals (EN 13257:2000/A1:2005)
- zamijenjena s: HRN EN 13257:2014
- HRN EN 13257/AC:2004 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u odlagalištima
krutog otpada (EN 13257:2000/AC:2003)
Geotextiles and geotextile-related products –
Characteristics required for use in solid waste
disposals (EN 13257:2000/AC:2003)
- zamijenjena s: HRN EN 13257:2014

HRN EN 13265:2002 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u odlagalištima
tekućeg otpada (EN 13265:2000)
Geotextiles and geotextile-related products –
Characteristics required for use in liquid waste
containment projects (EN 13265:2000)
- zamijenjena s: HRN EN 13265:2014

HRN EN 13265/A1:2005 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u odlagalištima
tekućeg otpada (EN 13265:2000/A1:2005)
Geotextiles and geotextile-related products –
Characteristics required for use in liquid waste
containment projects (EN 13265:2000/A1:2005)
- zamijenjena s: HRN EN 13265:2014

HRN EN 13265/AC:2004 en
Geotekstili i proizvodi srodni s geotekstilom –
Zahtijevana svojstva za uporabu u odlagalištima
tekućeg otpada (EN 13265:2000/AC:2003)
Geotextiles and geotextile-related products –
Characteristics required for use in liquid waste
containment projects (EN 13265:2000/AC:2003)
- zamijenjena s: HRN EN 13265:2014

HZNTO 238, Čvrsta biogoriva

HRN EN 14588:2010 en
Čvrsta biogoriva – Nazivlje, definicije i opisi
(EN 14588:2010)
Solid biofuels – Terminology, definitions and
descriptions (EN 14588:2010)
- zamijenjena s: HRN EN 14588:2014

HZNTO 503, Metalni materijali

HRN EN 485-2:2009 en
Aluminij i aluminijeve legure – Limovi, trake i ploče –
2. dio: Mehanička svojstva (EN 485-2:2008)
Aluminium and aluminium alloys – Sheet, strip and
plate – Part 2: Mechanical properties (EN 485-2:2008)
- zamijenjena s: HRN EN 485-2:2014

HRN EN 573-3:2011 en
Aluminij i aluminijeve legure – Kemijski sastav i oblik
gnječanih proizvoda – 3. dio: Kemijski sastav i oblik
proizvoda (EN 573-3:2009)
Aluminium and aluminium alloys – Chemical
composition and form of wrought products – Part 3:
Chemical composition and form of products
(EN 573-3:2009)
- zamijenjena s: HRN EN 573-3:2014

HRN EN ISO 1179-1:2008 en
Priključci za opću namjenu i uporabu u tehnologiji
fluida pod pritiskom – Navojni otvori i čepovi s
ISO 228-1 navojima i s elastomernim brtvljenjem ili
brtvljenjem metal na metal – 1. dio: Navojni otvori
(ISO 1179-1:2007; EN ISO 1179-1:2008)
Connections for general use and fluid power – Ports
and stud ends with ISO 228-1 threads with elastomeric
or metal-to-metal sealing – Part 1: Threaded ports
(ISO 1179-1:2007; EN ISO 1179-1:2008)
- zamijenjena s: HRN EN ISO 1179-1:2014

HRN EN ISO 1179-2:2008 en
Priključci za opću namjenu i upotrebu u tehnologiji
fluida pod pritiskom – Navojni otvori i čepovi s
ISO 228-1 navojima i s elastomernim brtvljenjem ili
brtvljenjem metal na metal – 2. dio: Navojni čepovi za
teške uvjete rada (S niz) i lake uvjete rada (L niz) s
elastomernim brtvljenjem (tip E)
(ISO 1179-2:2007; EN ISO 1179-2:2008)

Connections for general use and fluid power –
Ports and stud ends with ISO 228-1 threads with
elastomeric or metal-to-metal sealing – Part 2:
Heavy-duty (S series) and light-duty (L series) stud
ends with elastomeric sealing (type E)
(ISO 1179-2:2007; EN ISO 1179-2:2008)
- zamijenjena s: HRN EN ISO 1179-2:2014

HRN EN 1976:2002 en
Bakar i bakrene legure – Lijevani negnječeni bakreni
proizvodi (EN 1976:1998)
Copper and copper alloys – Cast unwrought copper
products (EN 1976:1998)
- zamijenjena s: HRN EN 1976:2014

HRN EN 1977:2002 en
Bakar i bakrene legure – Bakar namijenjen vučenju
(žica za vučenje) (EN 1977:1998)
Copper and copper alloys – Copper drawing stock
(wire rod) (EN 1977:1998)
- zamijenjena s: HRN EN 1977:2014

HRN EN ISO 8492:2008 en
Metalni materijali – Cijev – Ispitivanje sploštavanjem
(ISO 8492:1998; EN ISO 8492:2004)
Metallic materials – Tube – Flattening test
(ISO 8492:1998; EN ISO 8492:2004)
- zamijenjena s: HRN EN ISO 8492:2014

HRN EN ISO 8494:2008 en
Metalni materijali – Cijev – Ispitivanje zarublivanjem
(ISO 8494:1998; EN ISO 8494:2004)
Metallic materials – Tube – Flanging test
(ISO 8494:1998; EN ISO 8494:2004)
- zamijenjena s: HRN EN ISO 8494:2014

HRN EN ISO 8495:2008 en
Metalni materijali – Cijev – Ispitivanje proširivanjem s
trnom (ISO 8495:1998; EN ISO 8495:2004)
Metallic materials – Tube – Ring-expanding test
(ISO 8495:1998; EN ISO 8495:2004)
- zamijenjena s: HRN EN ISO 8495:2014

HRN EN ISO 8496:2008 en
Metalni materijali – Cijev – Ispitivanje razvlačenjem
prstena (ISO 8496:1998; EN ISO 8496:2004)
Metallic materials – Tube – Ring tensile test
(ISO 8496:1998; EN ISO 8496:2004)
- zamijenjena s: HRN EN ISO 8496:2014

HRN EN 10049:2008 en
Mjerenje srednje vrijednosti hrapavosti Ra i izračun
najviše vrijednosti R_{Pc} ravnih metalnih proizvoda
(EN 10049:2005)
Measurement of roughness average Ra and peak
count R_{Pc} on metallic flat products (EN 10049:2005)
- zamijenjena s: HRN EN 10049:2014

HRN EN 10071:2008 en
Kemijska analiza materijala na bazi željeza –
Određivanje mangana u čelicima i željeznim
lijevovima – Elektrometrijska titracijska metoda
(EN 10071:1989)
Chemical analysis of ferrous materials – Determination
of manganese in steels and irons – Electrometric
titration method (EN 10071:1989)
- zamijenjena s: HRN EN 10071:2014

HRN EN 10149-1:2007 en
Toplo valjani plosnati proizvodi od čelika s visokom
granicom razvlačenja za hladno oblikovanje – 1. dio:
Opći uvjeti isporuke (EN 10149-1:1995)
Hot-rolled flat products made of high yield strength
steels for cold forming – Part 1: General delivery
conditions (EN 10149-1:1995)
- zamijenjena s: HRN EN 10149-1:2014

- HRN EN 10149-2:2007 en
Toplo valjani plosnati proizvodi od čelika s visokom granicom razvlačenja za hladno oblikovanje – 2. dio: Uvjeti isporuke za termomehanički valjane čelike (EN 10149-2:1995)
Hot-rolled flat products made of high yield strength steels for cold forming – Part 2: Delivery conditions for thermomechanically rolled steels (EN 10149-2:1995)
- zamijenjena s: HRN EN 10149-2:2014
- HRN EN 10149-3:2007 en
Toplo valjani plosnati proizvodi od čelika s visokom granicom razvlačenja za hladno oblikovanje – 3. dio: Uvjeti isporuke za normalizacijski žarene ili normalizacijski valjane čelike (EN 10149-3:1995)
Hot-rolled flat products made of high yield strength steels for cold forming – Part 3: Delivery conditions for normalized or normalized rolled steels (EN 10149-3:1995)
- zamijenjena s: HRN EN 10149-3:2014
- HRN EN 10209:2008 en
Hladno valjani čelični plosnati proizvodi od niskougličnog čelika za staklasto emajliranje – Tehnički uvjeti isporuke (EN 10209:1996)
Cold rolled low carbon steel flat products for vitreous enamelling – Technical delivery conditions (EN 10209:1996)
- zamijenjena s: HRN EN 10209:2014
- HRN EN 10211:2008 en
Kemijska analiza materijala na bazi željeza – Određivanje titana u čeliku i željeznom lijevu – Metoda plamene atomske apsorpcijske spektrometrije (EN 10211:1995)
Chemical analysis of ferrous materials – Determination of titanium in steel and iron – Flame atomic absorption spectrometric method (EN 10211:1995)
- zamijenjena s: HRN EN 10211:2014
- HRN EN 10216-2:2008 en
Bešavne čelične cijevi za tlačne namjene – Tehnički uvjeti isporuke – 2. dio: Cijevi od nelegiranih i legiranih čelika s utvrđenim svojstvima pri povišenim temperaturama (EN 10216-2:2002+A2:2007)
Seamless steel tubes for pressure purposes – Technical delivery conditions – Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties (EN 10216-2:2002+A2:2007)
- zamijenjena s: HRN EN 10216-2:2014
- HRN EN 10223-1:2002 en
Čelična žica i proizvodi od žice za ograde – 1. dio: Čelična bodljikava žica prevučena cinkom i cinkovim legurama (EN 10223-1:1997)
Steel wire and wire products for fences – Part 1: Zinc and zinc-alloy coated steel barbed wire (EN 10223-1:1997)
- zamijenjena s: HRN EN 10223-1:2014
- HRN EN 10223-2:2002 en
Čelična žica i proizvodi od žice za ograde – 2. dio: Čelične mreže sa šesterokutnim otvorima za uporabu u poljoprivredi, izolaciju i ograđivanje (EN 10223-2:1997)
Steel wire and wire products for fences – Part 2: Hexagonal steel wire netting for agricultural, insulation, and fencing purposes (EN 10223-2:1997)
- zamijenjena s: HRN EN 10223-2:2014
- HRN EN 10223-2:2002/A1:2008 en
Čelična žica i proizvodi od žice za ograde – 2. dio: Čelične mreže sa šesterokutnim otvorima za uporabu u poljoprivredi, izolaciju i ograđivanje (EN 10223-2:1997/A1:2004)
Steel wire and wire products for fences – Part 2: Hexagonal steel wire netting for agricultural, insulation and fencing purposes (EN 10223-2:1997/A1:2004)
- zamijenjena s: HRN EN 10223-2:2014
- HRN EN 10223-3:2002 en
Čelična žica i proizvodi od žice za ograde – 3. dio: Čelične mreže sa šesterokutnim otvorima za inženjersku uporabu (EN 10223-3:1997)
Steel wire and wire products for fences – Part 3: Hexagonal steel wire netting for engineering purposes (EN 10223-3:1997)
- zamijenjena s: HRN EN 10223-3:2014
- HRN EN 10223-4:2002 en
Čelična žica i proizvodi od žice za ograde – 4. dio: Zavarene čelične mreže za ograđivanje (EN 10223-4:1998)
Steel wire and wire products for fences – Part 4: Steel wire welded mesh fencing (EN 10223-4:1998)
- zamijenjena s: HRN EN 10223-4:2014
- HRN EN 10223-5:2002 en
Čelična žica i proizvodi od žice za ograde – 5. dio: Zglobne i čvorne pletene čelične mreže za ograđivanje (EN 10223-5:1998)
Steel wire and wire products for fences – Part 5: Steel wire woven hinged joint and knotted mesh fencing (EN 10223-5:1998)
- zamijenjena s: HRN EN 10223-5:2014
- HRN EN 10223-6:2002 en
Čelična žica i proizvodi od žice za ograde – 6. dio: Lančano vezane čelične mreže za ograđivanje (EN 10223-6:1998)
Steel wire and wire products for fences – Part 6: Steel wire chain link fencing (EN 10223-6:1998)
- zamijenjena s: HRN EN 10223-6:2014
- HRN EN 10223-7:2002 en
Čelična žica i proizvodi od žice za ograde – 7. dio: Zavareni čelični paneli za ograđivanje (EN 10223-7:2002)
Steel wire and wire products for fences – Part 7: Steel wire welded panels for fencing (EN 10223-7:2002)
- zamijenjena s: HRN EN 10223-7:2014
- HRN EN 10268:2008 en
Hladno valjani čelični plosnati proizvodi s visokom granicom razvlačenja za hladno oblikovanje – Tehnički uvjeti isporuke (EN 10268:2006)
Cold rolled steel flat products with high yield strength for cold forming – Technical delivery conditions (EN 10268:2006)
- zamijenjena s: HRN EN 10268:2014
- HRN EN 12450:2002 en
Bakar i bakrene legure – Bešavne okrugle bakrene kapilarne cijevi (EN 12450:1999)
Copper and copper alloys – Seamless, round copper capillary tubes (EN 12450:1999)
- zamijenjena s: HRN EN 12450:2014
- HRS CEN/TS 13388:2008 en
Bakar i legure bakra – Sažeti prikaz sastava i proizvoda (CEN/TS 13388:2008)
Copper and copper alloys – Compendium of compositions and products (CEN/TS 13388:2008)
- zamijenjena s: HRS CEN/TS 13388:2014
- HRN EN 13600:2002 en
Bakar i bakrene legure – Bešavne bakrene cijevi za primjenu u elektrotehnici (EN 13600:2002)
Copper and copper alloys – Seamless copper tubes for electrical purposes (EN 13600:2002)
- zamijenjena s: HRN EN 13600:2014
- HRN EN 13601:2002 en
Bakar i bakrene legure – Bakrene šipke i žica za primjenu u elektrotehnici (EN 13601:2002)
Copper and copper alloys – Copper rod, bar and wire for general electrical purposes (EN 13601:2002)
- zamijenjena s: HRN EN 13601:2014

HRN EN 13602:2002 en
Bakar i bakrene legure – Vučena okrugla bakrena žica za proizvodnju električnih vodiča (EN 13602:2002)
Copper and copper alloys – Drawn, round copper wire for the manufacture of electrical conductors (EN 13602:2002)
- zamijenjena s: HRN EN 13602:2014

HRN EN 13603:2002 en
Bakar i bakrene legure – Ispitne metode za ocjenu zaštitnih kositrenih prevlaka na vučenoj okrugloj bakrenoj žici za primjenu u elektrotehnici (EN 13603:2002)
Copper and copper alloys – Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes (EN 13603:2002)
- zamijenjena s: HRN EN 13603:2014

HRN EN 13604:2003 en
Bakar i legure bakra – Proizvodi od visokovodljivog bakra za elektronske cijevi, poluvodičke uređaje i vakuumsku tehniku (EN 13604:2002)
Copper and copper alloys – Products of high conductivity copper for electronic tubes, semiconductor devices and vacuum applications (EN 13604:2002)
- zamijenjena s: HRN EN 13604:2014

HRN EN 13605:2003 en
Bakar i bakrene legure – Bakreni profili i profilirana žica za elektrotehničke namjene (EN 13605:2002)
Copper and copper alloys – Copper profiles and profiled wire for electrical purposes (EN 13605:2002)
- zamijenjena s: HRN EN 13605:2014

HRN EN 13605/AC:2007 en
Bakar i bakrene legure – Bakreni profili i profilirana žica za elektrotehničke namjene (EN 13605:2002/AC:2004)
Copper and copper alloys – Copper profiles and profiled wire for electrical purposes (EN 13605:2002/AC:2004)
- zamijenjena s: HRN EN 13605:2014

HRS CEN/TS 15616:2010 en
Bakar i legure bakra – Određivanje sadržaja kadmija – Metoda plamene atomske spektrometrijske apsorpcije (FAAS) (CEN/TS 15616:2009)
Copper and copper alloys – Determination of cadmium content – Flame atomic absorption spectrometric method (FAAS) (CEN/TS 15616:2009)
- zamijenjena s: HRN EN 15616:2014

HRN EN ISO 20482:2008 en
Metalni materijali – Limovi i trake – Ispitivanje prema Erichsensu (ISO 20482:2003; EN ISO 20482:2003)
Metallic materials – Sheet and strip – Erichsen cupping test (ISO 20482:2003; EN ISO 20482:2003)
- zamijenjena s: HRN EN ISO 20482:2014

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 7539-1:1999 en
Korozija metala i legura – Ispitivanje korozije uz naprezanje – 1. dio: Opće smjernice pri postupcima ispitivanja (ISO 7539-1:1987; EN ISO 7539-1:1995)
Corrosion of metals and alloys – Stress corrosion testing – Part 1: General guidance on testing procedures (ISO 7539-1:1987; EN ISO 7539-1:1995)
- zamijenjena s: HRN EN ISO 7539-1:2014

HRN EN 12476:2004 en
Fosfatne konverzijske prevlake na metalu – Metoda specificiranja zahtjeva (EN 12476:2000)
Phosphate conversion coatings of metals – Method of specifying requirements (EN 12476:2000)
- zamijenjena s: HRN EN ISO 9717:2014

HRN EN 15711:2010 en
Staklasti i porculanski emajli – Staklasto prevučene čelične prirubničke cijevi i prirubnički čelični spojni dijelovi – Zahtjevi za kvalitetu (EN 15711:2009)
Vitreous and porcelain enamels – Glass lined flanged steel pipes and flanged steel fittings – Quality requirements (EN 15711:2009)
- zamijenjena s: HRN EN ISO 28721-4:2014

HZN/TO 505, Prijenos i distribucija plina

HRN EN 12732:2001 en
Plinski opskrbni sustavi – Zavarivanje čeličnih cijevi – Funkcionalni zahtjevi (EN 12732:2000)
Gas supply systems – Welding steel pipework – Functional requirements (EN 12732:2000)
- zamijenjena s: HRN EN 12732:2014

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

HRN EN ISO 13686:2008 en
Prirodni plin – Oznaka kvalitete (ISO 13686:1998; EN ISO 13686:2005)
Natural gas – Quality designation (ISO 13686:1998; EN ISO 13686:2005)
- zamijenjena s: HRN EN ISO 13686:2014

HRN EN ISO 13734:2001 en
Prirodni plin – Organski sumporni spojevi, koji se koriste kao mirisi – Zahtjevi i metode ispitivanja (ISO 13734:1998; EN ISO 13734:2000)
Natural gas – Organic sulfur use as odorants – Requirements and test methods (ISO 13734:1998; EN ISO 13734:2000)
- zamijenjena s: HRN EN ISO 13734:2014

HRN EN ISO 19900:2008 en
Industrija nafte i prirodnog plina – Opći zahtjevi za odobalne objekte (ISO 19900:2002; EN ISO 19900:2002)
Petroleum and natural gas industries – General requirements for offshore structures (ISO 19900:2002; EN ISO 19900:2002)
- zamijenjena s: HRN EN ISO 19900:2014

HRN EN ISO 19901-7:2008 en
Industrija nafte i prirodnog plina – Posebni zahtjevi za odobalne objekte – 7. dio: Sustavi održavanja pozicije za plutajuće odobalne objekte i pokretne odobalne jedinice (ISO 19901-7:2005; EN ISO 19901-7:2005)
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 7: Stationkeeping systems for floating offshore structures and mobile offshore units (ISO 19901-7:2005; EN ISO 19901-7:2005)
- zamijenjena s: HRN EN ISO 19901-7:2014

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 834:2003 en
Razdjelnici troškova za utvrđivanje potrošnje radijatora za grijanje prostorija – Uređaji s napajanjem električnom energijom (EN 834:1994)
Heat cost allocators for the determination of the consumption of room heating radiators – Appliances with electrical energy supply (EN 834:1994)
- zamijenjena s: HRN EN 834:2014

HZN/TO 518, Podovi, stropovi i zidne obloge

- HRN EN 12229:2008 en
Površine sportskih terena – Način izradbe ispitnih uzoraka od sintetičke trave i tekstilnih obloga izrađenih iglom (EN 12229:2007)
Surfaces for sports areas – Procedure for the preparation of synthetic turf and needle-punch test pieces (EN 12229:2007)
- zamijenjena s: HRN EN 12229:2014
- HRN EN 13279-2:2004 en
Veziva i žbuke na osnovi gipsa – 2. dio: Ispitne metode (EN 13279-2:2004)
Gypsum binders and gypsum plasters – Part 2: Test methods (EN 13279-2:2004)
- zamijenjena s: HRN EN 13279-2:2014
- HRN EN 15306:2008 en
Površine vanjskih sportskih terena – Izlaganje sintetičke travnate podloge simuliranom trošenju (EN 15306:2007)
Surfaces for outdoor sports areas – Exposure of synthetic turf to simulated wear (EN 15306:2007)
- zamijenjena s: HRN EN 15306:2014

HZN/TO 519, Adhezivi

- HRN EN 13999-1:2008 en
Adhezivi – Kratkotrajne metode za mjerenje svojstava emisije adheziva s niskim udjelom otapala ili adheziva bez otapala nakon primjene – 1. dio: Opći postupak (EN 13999-1:2006+AC:2007)
Adhesives – Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application – Part 1: General procedure (EN 13999-1:2006+AC:2007)
- zamijenjena s: HRN EN 13999-1:2014
- HRN EN 13999-2:2008 en
Adhezivi – Kratkotrajne metode za mjerenje svojstava emisije adheziva s niskim udjelom otapala ili adheziva bez otapala nakon primjene – 2. dio: Određivanje hlapivih organskih spojeva (EN 13999-2:2007)
Adhesives – Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application – Part 2: Determination of volatile organic compounds (EN 13999-2:2007)
- zamijenjena s: HRN EN 13999-2:2014

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

- HRN EN 13071-2:2008 en
Stalni spremnici za otpad do 5 000 l koji se podižu i prazne kroz dno – 2. dio: Dodatni zahtjevi za podzemne i djelomice podzemne sustave (EN 13071-2:2008)
Stationary waste containers up to 5 000 l, top lifted and bottom emptied – Part 2: Additional requirements for underground or partly underground systems (EN 13071-2:2008)
- zamijenjena s: HRN EN 13071-2:2014

HZN/TO 524, Cestovni prijevoz i prometna telematika

- HRN EN ISO 14819-1:2008 en
Traffic and Travel Information (TTI) – TTI Messages via traffic message coding – Part 1: Coding protocol for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-1:2003; EN ISO 14819-1:2003+AC:2004)
- zamijenjena s: HRN EN ISO 14819-1:2014

- HRN EN ISO 14819-2:2008 en
Traffic and Traveller Information (TTI) – TTI Messages via traffic message coding – Part 2: Event and information codes for Radio Data System – Traffic Message Channel (RDS-TMC) (ISO 14819-2:2003; EN ISO 14819-2:2003)
- zamijenjena s: HRN EN ISO 14819-2:2014
- HRN EN ISO 14819-3:2008 en
Traffic and Travel Information (TTI) – TTI messages via traffic message coding – Part 3: Location referencing for ALERT-C (ISO 14819-3:2004; EN ISO 14819-3:2004)
- zamijenjena s: HRN EN ISO 14819-3:2014
- HRN ISO 15623:2003 en
Informacije o prometu i kontrolni sustavi – Sustav upozorenja od naleta vozila – Zahtijevane značajke i ispitni postupci (ISO 15623:2002)
Transport information and control systems – Forward vehicle collision warning systems – Performance requirements and test procedures (ISO 15623:2002)
- zamijenjena s: HRN ISO 15623:2014
- HRS CEN ISO/TS 18234-1:2008 en
Traffic and Travel Information (TTI) – TTI via Transport Protocol Expert Group (TPEG) data-streams – Part 1: Introduction, Numbering and Versions (ISO/TS 18234-1:2006; CEN ISO/TS 18234-1:2006)
- zamijenjena s: HRS CEN ISO/TS 18234-1:2014
- HRS CEN ISO/TS 18234-2:2008 en
Traffic and Traveller Information (TTI) – TTI via Transport Protocol Expert Group (TPEG) data-streams – Part 2: Syntax, Semantics and Framing Structure (SSF) (ISO/TS 18234-2:2006; CEN ISO/TS 18234-2:2006)
- zamijenjena s: HRS CEN ISO/TS 18234-2:2014

HZN/TO 528, Oprema za željeznice

- HRN EN 13802:2007 en
Oprema za željeznice – Elementi ovjesa – Hidraulički amortizeri (EN 13802:2004)
Railway applications – Suspension components – Hydraulic dampers (EN 13802:2004)
- zamijenjena s: HRN EN 13802:2014
- HRN EN 14067-2:2008 en
Oprema za željeznice – Aerodinamika – 2. dio: Aerodinamika na otvorenoj pruzi (EN 14067-2:2003)
Railway applications – Aerodynamics – Part 2: Aerodynamics on open track (EN 14067-2:2003)
- zamijenjena s: HRN EN 14067-4:2014
- HRN EN 14067-4:2009 en
Oprema za željeznice – Aerodinamika – 4. dio: Zahtjevi i ispitni postupci za aerodinamiku na otvorenoj pruzi (EN 14067-4:2005+A1:2009)
Railway applications – Aerodynamics – Part 4: Requirements and test procedures for aerodynamics on open track (EN 14067-4:2005+A1:2009)
- zamijenjena s: HRN EN 14067-4:2014

HZN/TO 531, Plastika i guma

- HRN EN ISO 15791-1:2008 en
Plastika – Razvoj i uporaba ispitivanja na gorenje plastičnih proizvoda srednje veličine – 1. dio: Opće upute (ISO 15791-1:2002; EN ISO 15791-1:2004)
Plastics – Development and use of intermediate-scale fire tests for plastics products – Part 1: General guidance (ISO 15791-1:2002; EN ISO 15791-1:2004)
- zamijenjena s: HRN EN ISO 15791-1:2014

HZN/TO 532, Dimnjaci

- HRN EN 1457:2003 en
Dimnjaci – Glinene/keramičke dimovodne cijevi –
Zahtjevi i ispitne metode (EN 1457:1999+A1:2002)
Chimneys – Clay/ceramic flue liners – Requirements
and test methods (EN 1457:1999+A1:2002)
- zamijenjena s: HRN EN 1457-1:2012
- HRN EN 1457:2003/A1:2003/Ispr.1:2008 en
Dimnjaci – Glinene/keramičke dimovodne cijevi –
Zahtjevi i ispitne metode
(EN 1457:1999/A1:2002/AC:2007)
Chimneys – Clay/Ceramic Flue Liners – Requirements
and test methods (EN 1457:1999/A1:2002/AC:2007)
- zamijenjena s: HRN EN 1457-1:2012
- HRN EN 1457/AC:2006 en
Dimnjaci – Glinene/keramičke dimovodne cijevi –
Zahtjevi i ispitne metode (EN 1457:1999/AC:2006)
Chimneys – Clay/Ceramic Flue Liners – Requirements
and test methods (EN 1457:1999/AC:2006)
- zamijenjena s: HRN EN 1457-1:2012

HZN/TO 533, Kolničke konstrukcije

- HRN EN 12697-41:2005 en
Bitumenske mješavine – Ispitne metode za asfalt
proizveden vrućim postupkom – 41. dio: Otpornost
na otopine za odleđivanje (EN 12697-41:2005)
Bituminous mixtures – Test methods for hot mix
asphalt – Part 41: Resistance to de-icing fluids
(EN 12697-41:2005)
- zamijenjena s: HRN EN 12697-41:2014

HZN/TO 534, Spremnici za teret

- HRN EN 13083:2009 en
Spremnici za prijevoz opasnih tvari – Pomoćna
oprema za spremnike – Spojka za punjenje i
pražnjenje s dna (EN 13083:2008)
Tanks for transport of dangerous goods – Service
equipment for tanks – Adaptor for bottom loading and
unloading (EN 13083:2008)
- zamijenjena s: HRN EN 13083:2014
- HRN EN 14116:2010 en
Spremnici za prijevoz opasnih tvari – Digitalni
međusklop uređaja za prepoznavanje proizvoda
(EN 14116:2007+A2:2010)
Tanks for transport of dangerous goods – Digital
interface for the product recognition device
(EN 14116:2007+A2:2010)
- zamijenjena s: HRN EN 14116:2014
- HRN EN 14564:2008 en
Spremnici za prijevoz opasnih tvari – Nazivlje
(EN 14564:2004)
Tanks for transport of dangerous goods – Terminology
(EN 14564:2004)
- zamijenjena s: HRN EN 14564:2014

HZN/TO 535, Agregati

- HRN EN 1097-9:2004 en
Ispitivanja mehaničkih i fizikalnih svojstava agregata
– 9. dio: Određivanje otpornosti na habanje abrazijom
gumama s čavlima – Nordijsko ispitivanje
(EN 1097-9:1998)
Tests for mechanical and physical properties of
aggregates – Part 9: Determination of the resistance
to wear by abrasion from studded tyres – Nordic test
(EN 1097-9:1998)
- zamijenjena s: HRN EN 1097-9:2014

- HRN EN 1097-9:2004/A1:2007 en
Ispitivanja mehaničkih i fizikalnih svojstava agregata
– 9. dio: Određivanje otpornosti na habanje abrazijom
gumama s čavlima – Nordijsko ispitivanje
(EN 1097-9:1998/A1:2005)
Tests for mechanical and physical properties of
aggregate – Part 9: Determination of the resistance
to wear by abrasion from studded tyres – Nordic test
(EN 1097-9:1998/A1:2005)
- zamijenjena s: HRN EN 1097-9:2014
- HRN EN 12620:2013 en
Agregati za beton (EN 12620:2013)
Aggregates for concrete (EN 12620:2013)
- bez zamjene
- HRN EN 13043:2013 en
Agregati za bitumenske mješavine i površinsku
obradu cesta, aerodromskih pista i drugih prometnih
površina (EN 13043:2013)
Aggregates for bituminous mixtures and surface
treatments for roads, airfields and other trafficked
areas (EN 13043:2013)
- bez zamjene
- HRN EN 13139:2013 en
Agregati za mort (EN 13139:2013)
Aggregates for mortar (EN 13139:2013)
- bez zamjene
- HRN EN 13242:2013 en
Agregati za nevezane i hidraulički vezane materijale
za uporabu u građevinarstvu i cestogradnji
(EN 13242:2013)
Aggregates for unbound and hydraulically bound
materials for use in civil engineering work and road
construction (EN 13242:2013)
- bez zamjene
- HRN EN 13383-1:2013 en
Kamenozaštite – 1. dio: Specifikacije
(EN 13383-1:2013)
Armourstone – Part 1: Specification
(EN 13383-1:2013)
- bez zamjene
- HRN EN 13450:2013 en
Agregati za željeznički tucanik (EN 13450:2013)
Aggregates for railway ballast (EN 13450:2013)
- bez zamjene
- HRN EN 16236:2013 en
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)
- bez zamjene

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

- HRN EN ISO 10628:2008 en
Dijagrami toka procesnih postrojenja – Opća pravila
(ISO 10628:1997; EN ISO 10628:2000)
Flow diagrams for process plants – General rules
(ISO 10628:1997; EN ISO 10628:2000)
- zamijenjena s: HRN EN ISO 10628-2:2014
- HRN EN ISO 14660-1:2007 en
Geometrijske specifikacije proizvoda (GSP) –
Geometrijske značajke – 1. dio: Opći nazivi i definicije
(ISO 14660-1:1999; EN ISO 14660-1:1999)
Geometrical Product Specifications (GPS) –
Geometrical features – Part 1: General terms and
definitions (ISO 14660-1:1999;
EN ISO 14660-1:1999)
- bez zamjene

HZN/TO 548, *Konstruktivski eurokodovi*

- HRN EN 1993-1-10:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva po debljini (EN 1993-1-10:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (EN 1993-1-10:2005+AC:2005)
- zamijenjena s: HRN EN 1993-1-10:2014
- HRN EN 1993-1-10:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva po debljini (EN 1993-1-10:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties (EN 1993-1-10:2005/AC:2009)
- zamijenjena s: HRN EN 1993-1-10:2014
- HRN EN 1993-1-10:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-10:2014/NA:2014
- HRN EN 1993-1-11:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-11: Projektiranje konstrukcija s vlačnim komponentama (EN 1993-1-11:2006)
Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components (EN 1993-1-11:2006)
- zamijenjena s: HRN EN 1993-1-11:2014
- HRN EN 1993-1-11:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-11: Projektiranje konstrukcija s vlačnim komponentama (EN 1993-1-11:2006/AC:2009)
Eurocode 3: Design of steel structures – Part 1-11: Design of structures with tension components (EN 1993-1-11:2006/AC:2009)
- zamijenjena s: HRN EN 1993-1-11:2014
- HRN EN 1993-1-11:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-11:2014/NA:2014
- HRN EN 1993-1-1:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade (EN 1993-1-1:2005+AC:2006)
Eurocode 3: Design of steel structures – Part 1-1: General rules and rules for buildings (EN 1993-1-1:2005+AC:2006)
- zamijenjena s: HRN EN 1993-1-1:2014
- HRN EN 1993-1-1:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-1: Opća pravila i pravila za zgrade (EN 1993-1-1:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-1: General rules and rules for buildings (EN 1993-1-1:2005/AC:2009)
- zamijenjena s: HRN EN 1993-1-1:2014
- HRN EN 1993-1-1:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-1:2014/NA:2014
- HRN EN 1993-1-12:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija – 993 na čelike do kvalitete S700 (EN 1993-1-12:2007)
Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S 700 (EN 1993-1-12:2007)
- zamijenjena s: HRN EN 1993-1-12:2014
- HRN EN 1993-1-12:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-12: Dodatna pravila za proširenje norme EN 1993 na čelike do kvalitete S700 (EN 1993-1-12:2007/AC:2009)
Eurocode 3: Design of steel structures – Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S700 (EN 1993-1-12:2007/AC:2009)
- zamijenjena s: HRN EN 1993-1-12:2014
- HRN EN 1993-1-12:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-12:2014/NA:2014
- HRN EN 1993-1-2:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara (EN 1993-1-2:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design (EN 1993-1-2:2005+AC:2005)
- zamijenjena s: HRN EN 1993-1-2:2014
- HRN EN 1993-1-2:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara (EN 1993-1-2:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design (EN 1993-1-2:2005/AC:2009)
- zamijenjena s: HRN EN 1993-1-2:2014
- HRN EN 1993-1-2:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-2:2014/NA:2014
- HRN EN 1993-1-3:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-3: Opća pravila – Dodatna pravila za hladno oblikovane elemente i limove (EN 1993-1-3:2006)
Eurocode 3: Design of steel structures – Part 1-3: General rules – Supplementary rules for cold-formed members and sheeting (EN 1993-1-3:2006)
- zamijenjena s: HRN EN 1993-1-3:2014
- HRN EN 1993-1-3:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-3: Opća pravila – Dodatna pravila za hladno oblikovane elemente i limove (EN 1993-1-3:2006/AC:2009)
Eurocode 3: Design of steel structures – Part 1-3: General rules – Supplementary rules for cold-formed members and sheeting (EN 1993-1-3:2006/AC:2009)
- zamijenjena s: HRN EN 1993-1-3:2014
- HRN EN 1993-1-3:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-3:2014/NA:2014

- HRN EN 1993-1-4:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-4: Opća pravila – Dodatna pravila za nehrđajuće
čelike (EN 1993-1-4:2006)
Eurocode 3: Design of steel structures – Part 1-4:
General rules – Supplementary rules for stainless
steels (EN 1993-1-4:2006)
- zamijenjena s: HRN EN 1993-1-4:2014
- HRN EN 1993-1-4:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-4:2014/NA:2014
- HRN EN 1993-1-5:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-5: Pločasti konstrukcijski elementi
(EN 1993-1-5:2006)
Eurocode 3: Design of steel structures – Part 1-5:
Plated structural elements (EN 1993-1-5:2006)
- zamijenjena s: HRN EN 1993-1-5:2014
- HRN EN 1993-1-5:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-5: Pločasti konstrukcijski elementi
(EN 1993-1-5:2006/AC:2009)
Eurocode 3: Design of steel structures – Part 1-5:
Plated structural elements
(EN 1993-1-5:2006/AC:2009)
- zamijenjena s: HRN EN 1993-1-5:2014
- HRN EN 1993-1-5:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-5:2014/NA:2014
- HRN EN 1993-1-6:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija
(EN 1993-1-6:2007)
Eurocode 3: Design of steel structures – Part 1-6:
Strength and Stability of Shell Structures
(EN 1993-1-6:2007)
- zamijenjena s: HRN EN 1993-1-6:2014
- HRN EN 1993-1-6:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-6:
Čvrstoća i stabilnost ljuskastih konstrukcija
(EN 1993-1-6:2007/AC:2009)
Eurocode 3: Design of steel structures – Part 1-6:
Strength and Stability of Shell Structures
(EN 1993-1-6:2007/AC:2009)
- zamijenjena s: HRN EN 1993-1-6:2014
- HRN EN 1993-1-6:2008/NA:2013 hr
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-6:
Čvrstoća i stabilnost ljuskastih konstrukcija –
Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-6:
Strength and Stability of Shell Structures – National
Annex
- zamijenjena s: HRN EN 1993-1-6:2014/NA:2014
- HRN EN 1993-1-7:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-7: Pločaste konstrukcije izložene opterećenju
izvan ravnine (EN 1993-1-7:2007)
Eurocode 3: Design of steel structures – Part 1-7:
Plated structures subject to out of plane loading
(EN 1993-1-7:2007)
- zamijenjena s: HRN EN 1993-1-7:2014
- HRN EN 1993-1-7:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-7: Pločaste konstrukcije izložene opterećenju
izvan ravnine (EN 1993-1-7:2007/AC:2009)
Eurocode 3: Design of steel structures – Part 1-7:
Plated structures subject to out of plane loading
(EN 1993-1-7:2007/AC:2009)
- zamijenjena s: HRN EN 1993-1-7:2014
- HRN EN 1993-1-7:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-7:2014/NA:2014
- HRN EN 1993-1-8:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-8: Proračun priključaka
(EN 1993-1-8:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-8:
Design of joints (EN 1993-1-8:2005+AC:2005)
- zamijenjena s: HRN EN 1993-1-8:2014
- HRN EN 1993-1-8:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-8: Proračun priključaka
(EN 1993-1-8:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-8:
Design of joints (EN 1993-1-8:2005/AC:2009)
- zamijenjena s: HRN EN 1993-1-8:2014
- HRN EN 1993-1-8:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-1-8:2014/NA:2014
- HRN EN 1993-1-9:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-9: Zamor (EN 1993-1-9:2005+AC:2005)
Eurocode 3: Design of steel structures – Part 1-9:
Fatigue (EN 1993-1-9:2005+AC:2005)
- zamijenjena s: HRN EN 1993-1-9:2014
- HRN EN 1993-1-9:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-9: Zamor (EN 1993-1-9:2005/AC:2009)
Eurocode 3: Design of steel structures – Part 1-9:
Fatigue (EN 1993-1-9:2005/AC:2009)
- zamijenjena s: HRN EN 1993-1-9:2014
- HRN EN 1993-1-9:2008/NA:2013 hr
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 1-9: Zamor – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-9:
Fatigue – National Annex
- zamijenjena s: HRN EN 1993-1-9:2014/NA:2014
- HRN EN 1993-3-1:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 3-1: Tornjevi, jarboli i dimnjaci – Tornjevi i jarboli
(EN 1993-3-1:2006)
Eurocode 3: Design of steel structures – Part 3-1:
Towers, masts and chimneys – Towers and masts
(EN 1993-3-1:2006)
- zamijenjena s: HRN EN 1993-3-1:2014
- HRN EN 1993-3-1:2008/Ispr.1:2011 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 3-1: Tornjevi, jarboli i dimnjaci – Tornjevi i jarboli
(EN 1993-3-1:2006/AC:2009)
Eurocode 3: Design of steel structures – Part 3-1:
Towers, masts and chimneys – Towers and masts
(EN 1993-3-1:2006/AC:2009)
- zamijenjena s: HRN EN 1993-3-1:2014

HRN EN 1993-3-1:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-3-1:2014/NA:2014

HRN EN 1993-3-2:2008 en
Eurokod 3: Projektiranje čeličnih konstrukcija –
Dio 3-2: Tornjevi, jarboli i dimnjaci – Dimnjaci
(EN 1993-3-2:2006)
Eurocode 3: Design of steel structures – Part 3-2:
Towers, masts and chimneys – Chimneys
(EN 1993-3-2:2006)
- zamijenjena s: HRN EN 1993-3-2:2014

HRN EN 1993-3-2:2008/NA:2013 hr
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
- zamijenjena s: HRN EN 1993-3-2:2014/NA:2014

HZNTO 549, Svjetlo i rasvjeta

HRN EN 12464-2:2008 en
Svjetlo i rasvjeta – Rasvjeta radnih mjesta – 2. dio:
Vanjski radni prostori (EN 12464-2:2007)
Light and lighting – Lighting of work places – Part 2:
Outdoor work places (EN 12464-2:2007)
- zamijenjena s: HRN EN 12464-2:2014

HZNTO 550, Opskrba vodom

HRN EN 936:2008 en
Kemikalije koje se upotrebljavaju u obradi vode
namijenjene ljudskoj uporabi – Ugljikov dioksid
(EN 936:2006)
Chemicals used for treatment of water intended for
human consumption – Carbon dioxide (EN 936:2006)
- zamijenjena s: HRN EN 936:2014

HRN EN 15091:2008 en
Sanitarne armature – Elektroničko otvaranje i
zatvaranje sanitarnih armatura
(EN 15091:2006+AC:2007)
Sanitary tapware – Electronic opening and closing
sanitary tapware (EN 15091:2006+AC:2007)
- zamijenjena s: HRN EN 15091:2014

HRN EN 15664-1:2008 en
Utjecaj metalnih materijala na vodu namijenjenu
ljudskoj uporabi – Mjerne linije za dinamičko
ispitivanje procjene otpuštanja materijala – 1. dio:
Oblikovanje i postupak (EN 15664-1:2008)
Influence of metallic materials on water intended
for human consumption – Dynamic rig test for
assessment of metal release – Part 1: Design and
operation (EN 15664-1:2008)
- zamijenjena s: HRN EN 15664-1:2014

HZNTO 553, Predgotovljeni proizvodi

HRN EN 1347:2008 en
Ljepila za pločice – Određivanje sposobnosti močenja
(EN 1347:2007)
Adhesives for tiles – Determination of wetting
capability (EN 1347:2007)
- bez zamjene

HZNTO 554, Obrada otpadnih voda

HRN EN 1124-4:2007 en
Cijevi i oblikovni komadi uzdužno zavarenih cijevi od
nehrđajućeg čelika s ravnim krajevima i naglavkom
za sustave otpadnih voda – 4. dio: Sastavnice za
sustave odvodnje pod vakuumom i sustave odvodnje
na brodovima (EN 1124-4:2005)
Pipes and fittings of longitudinally welded stainless
steel pipes with spigot and socket for waste water
systems – Part 4: Components for vacuum drainage
systems and for drainage systems on ships
(EN 1124-4:2005)
- zamijenjena s: HRN EN 1124-4:2014

HZNTO 557, Zaštitna odjeća

HRN EN 13277-3:2001 en
Zaštitna oprema za borilačke sportove – 3. dio:
Dodatni zahtjevi i ispitne metode za štitnike tijela
(EN 13277-3:2000)
Protective equipment for martial arts – Part 3:
Additional requirements and test methods for trunk
protectors (EN 13277-3:2000)
- zamijenjena s: HRN EN 13277-3:2014

HRN EN 13277-3:2001/A1:2008 en
Zaštitna oprema za borilačke sportove – 3. dio:
Dodatni zahtjevi i ispitne metode za štitnike tijela
(EN 13277-3:2000/A1:2007)
Protective equipment for martial arts – Part 3:
Additional requirements and test methods for trunk
protectors (EN 13277-3:2000/A1:2007)
- zamijenjena s: HRN EN 13277-3:2014

HZNTO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 14141:2004 en
Ventili za transport prirodnog plina u cjevovodima –
Radni zahtjevi i ispitivanja (EN 14141:2003)
Valves for natural gas transportation in pipelines –
Performance requirements and tests
(EN 14141:2003)
- zamijenjena s: HRN EN 14141:2014

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

HRN EN 12493:2012 en
Oprema i pribor za UNP – Zavareni čelični
tlačni spremnici za ukapljeni naftni plin (UNP) –
Projektiranje i proizvodnja spremnika za cestovna
vozila (EN 12493:2008+A1:2012)
LPG equipment and accessories – Welded steel tanks
for liquefied petroleum gas (LPG) – Road tankers
design and manufacture (EN 12493:2008+A1:2012)
- zamijenjena s: HRN EN 12493:2014

HRN EN 12863:2002 en
Prenosive plinske boce – Periodični pregled i
održavanje boca za otopljeni acetilen
(EN 12863:2002)
Transportable gas cylinders – Periodic inspection and
maintenance of dissolved acetylene cylinders
(EN 12863:2002)
- zamijenjena s: HRN EN ISO 10462:2014

HRN EN 12863:2002/A1:2008 en
Prenosive plinske boce – Periodični pregled i
održavanje boca za otopljeni acetilen
(EN 12863:2002/A1:2005)
Transportable gas cylinders – Periodic inspection and
maintenance of dissolved acetylene cylinders
(EN 12863:2002/A1:2005)
- zamijenjena s: HRN EN ISO 10462:2014

HRN EN 14841:2008 en
Oprema i pribor za UNP – Postupci pražnjenja željezničkih cisterna za UNP (EN 14841:2005)
LPG equipment and accessories – Discharge procedures for LPG rail tankers (EN 14841:2005)
- zamijenjena s: HRN EN 14841:2014

HZN/TO 568, Analize hrane - Horizontalne metode

HRN ISO 8914:1999 en
Mikrobiologija – Opće upute za dokazivanje Vibrio parahaemolyticusa (ISO 8914:1990)
Microbiology – General guidance for the detection of Vibrio parahaemolyticus (ISO 8914:1990)
- bez zamjene

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

HRN EN 926-2:2008 en
Paragliding equipment – Paragliders – Part 2: Requirements and test methods for classifying flight safety characteristics (EN 926-2:2005)
- zamijenjena s: HRN EN 926-2:2014

HRN EN 15649-1:2012 en
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 1. dio: Klasifikacija, materijali, osnovni zahtjevi i metode ispitivanja (EN 15649-1:2009+A1:2012)
Floating leisure articles for use on and in the water – Part 1: Classification, materials, general requirements and test methods (EN 15649-1:2009+A1:2012)
- zamijenjena s: HRN EN 15649-1:2014

HRN EN 15649-6:2010 en
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 6. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave D kategorije (EN 15649-6:2009)
Floating leisure articles for use on and in the water – Part 6: Additional specific safety requirements and test methods for Class D devices (EN 15649-6:2009)
- zamijenjena s: HRN EN 15649-6:2014

HZN/TO E2, Rotacijski strojevi

HRN EN 60034-1:2008 en
Rotacijski električni strojevi – 1. dio: Nazivne vrijednosti i radna svojstva (IEC 60034-1:2004; EN 60034-1:2004)
Rotating electrical machines – Part 1: Rating and performance (IEC 60034-1:2004; EN 60034-1:2004)
- zamijenjena s: HRN EN 60034-1:2012

HRI CLC/TR 60034-18-32:2008 en
Rotacijski električni strojevi – Dio 18-32: Funkcionalna procjena izolacijskih sustava – Ispitni postupci za oblikovane namote – Električna procjena izolacijskih sustava za strojeve do i uključujući 50 MVA i 15 kV (IEC/TR 60034-18-32:1995; CLC/TR 60034-18-32:2004)
Rotating electrical machines – Part 18-32: Functional evaluation of insulation systems – Test procedures for form-wound windings – Electrical evaluation of insulation systems used in machines up to and including 50 MVA and 15 kV (IEC/TR 60034-18-32:1995; CLC/TR 60034-18-32:2004)
- zamijenjena s: HRN EN 60034-18-32:2012

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50128:2001 en
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – Softver za željezničke upravljačke i kontrolne sustave (EN 50128:2001)
Railway applications – Communications, signalling and processing systems – Software for railway control and protection systems (EN 50128:2001)
- zamijenjena s: HRN EN 50128:2013

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

HRN HD 429 S1:2005 en
Metode za ispitivanje volumne i površinske otpornosti krutih električnih izolacijskih materijala (IEC 60093:1980; HD 429 S1:1983)
Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials (IEC 60093:1980; HD 429 S1:1983)
- zamijenjena s: HRN EN 60212:2013

HRNHD 437 S1:2005 en
Normirani uvjeti rada prije i za vrijeme ispitivanja krutih električnih izolacijskih materijala (IEC 60212:1971; HD 437 S1:1984)
Standard conditions for use prior to and during the testing of solid electrical insulating materials (IEC 60212:1971; HD 437 S1:1984)
- zamijenjena s: HRN EN 60212:2013

HRNHD 438 S1:2005 en
Metode ispitivanja električnog otpora i otpornosti izolacijskih materijala pri povišenim temperaturama (IEC 60345:1971; HD 438 S1:1984)
Method of test for electrical resistance and resistivity of insulating materials at elevated temperatures (IEC 60345:1971; HD 438 S1:1984)
- zamijenjena s: HRN EN 60212:2013

HRNHD 568 S1:2005 en
Metode ispitivanja za određivanje otpornosti izolacije krutih izolacijskih materijala (IEC 60167:1964; HD 568 S1:1990)
Methods of test for the determination of the insulation resistance of solid insulating materials (IEC 60167:1964; HD 568 S1:1990)
- zamijenjena s: HRN EN 60212:2013

HRN EN 60626-2:2005 en
Kombinirani savitljivi materijali za električne izolacije – 2. dio: Metode ispitivanja (IEC 60626-2:1995; EN 60626-2:1995)
Combined flexible materials for electrical insulation – Part 2: Methods of test (IEC 60626-2:1995; EN 60626-2:1995)
- zamijenjena s: HRN EN 60626-2:2014

HRN EN 60684-3-116:2005 en
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 116. i 117. list: Ekstrudirane polikloroprenske navlake – Opća namjena (IEC 60684-3-116 & 117:2003; EN 60684-3-116 & 117:2003)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheets 116 and 117: Extruded polychloroprene – General purpose (IEC 60684-3-116 & 117:2003; EN 60684-3-116 & 117:2003)
- zamijenjena s: HRN EN 60684-3-116:2014

HRN EN 60684-3-209:2005 en
Specifikacija za savitljive izolacijske navlake – 3. dio: Specifikacija zahtjeva za pojedinačne tipove navlaka – 209. list: Toplinski skupljajuće navlake opće namjene poliolefin s usporenim gorenjem, omjer skupljanja 2:1 (IEC 60684-3-209:2003; EN 60684-3-209:2003)

- Specification for flexible insulating sleeving – Part 3: Specification requirements for individual types of sleeving – Sheet 209: Heat-shrinkable sleeving, general purpose, flame retarded polyolefin shrink ratio 2:1 (IEC 60684-3-209:2003; EN 60684-3-209:2003)
- zamijenjena s: HRN EN 60684-3-209:2014
- HRN EN 60763-1:2005 en
Specifikacija za laminirane prešane ploče – 1. dio: Definicije, razredba i opći zahtjevi (IEC 60763-1:1983; EN 60763-1:1996)
Specification for laminated pressboard – Part 1: Definitions, classification and general requirements (IEC 60763-1:1983; EN 60763-1:1996)
- zamijenjena s: HRN EN 60763-1:2014
- HRN EN 60763-3-1:2005 en
Specifikacija za laminirane prešane ploče – 3. dio: Specifikacije za pojedinačne materijale – 1. list: Specifikacije za laminirane predprešane ploče, tipovi LB 3.1.1, 3.1.2, 3.3.1 i 3.3.2 (IEC 60763-3-1:1992; EN 60763-3-1:1996)
Specification for laminated pressboard – Part 3: Specifications for individual materials – Sheet 1: Specifications for laminated precompressed board, Types LB 3.1.1, 3.1.2, 3.3.1 and 3.3.2 (IEC 60763-3-1:1992; EN 60763-3-1:1996)
- zamijenjena s: HRN EN 60763-3-1:2014

HZNTO E23, Električni instalacijski pribor

- HRN EN 50085-1:2002 en
Sustavi za nošenje (pokriveni instalacijski kanali) i sustavi za vođenje (profilne cijevi) kabela za električne instalacije – 1. dio: Opći zahtjevi (EN 50085-1:1997+A1:1998)
Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements (EN 50085-1:1997+A1:1998)
- zamijenjena s: HRN EN 50085-1:2007
- HRN EN 50085-2-3:2002 en
Sustavi za nošenje (pokriveni instalacijski kanali) i sustavi za vođenje (profilne cijevi) kabela za električne instalacije – Dio 2-3: Posebni zahtjevi za rešetkaste sustave za nošenje (pokrivene instalacijske kanale) namijenjene za postavljanje u razvodne ormariće (EN 50085-2-3:1999)
Cable trunking systems and cable ducting systems for electrical installations – Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinets (EN 50085-2-3:1999)
- zamijenjena s: HRN EN 50085-2-3:2011
- HRN EN 50086-1:2002 en
Sustavi cijevi za električne instalacije – 1. dio: Opći zahtjevi (EN 50086-1:1993)
Conduit systems for electrical installations – Part 1: General requirements (EN 50086-1:1993)
- zamijenjena s: HRN EN 61386-1:2008
- HRN EN 50146:2002 en
Kabelske spojnice za električne instalacije (EN 50146:2000)
Cable ties for electrical installations (EN 50146:2000)
- zamijenjena s: HRN EN 62275:2010
- HRN EN 61058-2-1:2007 en
Sklopke za aparate – Dio 2-1: Posebni zahtjevi za sklopke na priključnom gipkom vodu (uzici) (IEC 61058-2-1:1992+am1:1995; EN 61058-2-1:1993+A1:1996)
Switches for appliances – Part 2-1: Particular requirements for cord switches (IEC 61058-2-1:1992+am1:1995; EN 61058-2-1:1993+A1:1996)
- zamijenjena s: HRN EN 61058-2-1:2011
- HRN EN 61058-2-1:2007/A11:2007 en
Sklopke za aparate – Dio 2-1: Posebni zahtjevi za sklopke na priključnom gipkom vodu (uzici) (EN 61058-2-1:1993/A11:2002)
Switches for appliances – Part 2-1: Particular requirements for cord switches (EN 61058-2-1:1993/A11:2002)
- zamijenjena s: HRN EN 61058-2-1:2011
- HRN EN 61058-2-5:2007 en
Sklopke za aparate – Dio 2-5: Posebni zahtjevi za preklopke (IEC 61058-2-5:1994; EN 61058-2-5:1994)
Switches for appliances – Part 2-5: Particular requirements for change-over selectors (IEC 61058-2-5:1994; EN 61058-2-5:1994)
- zamijenjena s: HRN EN 61058-2-5:2011
- HRN EN 61058-2-5:2007/A11:2007 en
Sklopke za aparate – Dio 2-5: Posebni zahtjevi za preklopke (EN 61058-2-5:1994/A11:2002)
Switches for appliances – Part 2-5: Particular requirements for change-over selectors (EN 61058-2-5:1994/A11:2002)
- zamijenjena s: HRN EN 61058-2-5:2011
- HRN EN 61210:2002 en
Prikjučne naprave – Plosnati brzi priključci za električne bakrene vodiče – Sigurnosni zahtjevi (IEC 61210:1993, preinačena; EN 61210:1995)
Connecting devices – Flat quick-connect terminations for electrical copper conductors – Safety requirements (IEC 61210:1993, modified; EN 61210:1995)
- zamijenjena s: HRN EN 61210:2011
- HRN EN 61386-1:2007 en
Sustavi cijevi za vođenje kabela – 1. dio: Opći zahtjevi (IEC 61386-1:1996+am1:2000; EN 61386-1:2004+AC:2004)
Conduit systems for cable management – Part 1: General requirements (IEC 61386-1:1996+am1:2000; EN 61386-1:2004+AC:2004)
- zamijenjena s: HRN EN 61386-1:2008
- HRN EN 196000:2008 en
Generička specifikacija – Elektromehaničke sklopke (EN 196000:1992+A1:2001)
Generic Specification – Electromechanical switches (EN 196000:1992+A1:2001)
- zamijenjena s: HRN EN 61020-1:2010
- HRN EN 196103:2002 en
Tiskanica za odredbu (specifikaciju) s pojedinostima – Okretne sklopke – Procjena razine Y (EN 196103:1998)
Blank Detail Specification – Rotary switches – Assessment level Y (EN 196103:1998)
- zamijenjena s: HRN EN 61020-1:2010
- HRN EN 196500:2002 en
Sekcijska odredba (specifikacija) – Sklopke s membranom uključujući Tiskanicu za odredbu (specifikaciju) s pojedinostima EN 196501 (EN 196500:1993)
Sectional Specification – Membrane switches including Blank Detail Specifications EN 196501 (EN 196500:1993)
- zamijenjena s: HRN EN 61020-1:2010
- HRN EN 196500:2002/A1:2008 en
Sekcijska specifikacija – Sklopke s membranom uključujući tiskanicu za specifikaciju s pojedinostima EN 196501 (EN 196500:1993/A1:2001)
Sectional Specification – Membrane switches including Blank Detail Specification EN 196501 (EN 196500:1993/A1:2001)
- zamijenjena s: HRN EN 61020-1:2010

HZNTO E81, *Zaštita od munje*

- HRN EN 50164-1:2003 en
Sastavnice sustava zaštite od munje (LPC) – 1. dio:
Zahtjevi za spojne elemente (EN 50164-1:1999)
Lightning Protection Components (LPC) – Part 1:
Requirements for connection components
(EN 50164-1:1999)
- zamijenjena s: HRN EN 50164-1:2011
- HRN EN 50164-1:2003/A1:2008 en
Sastavnice sustava zaštite od munje (LPC) – 1. dio:
Zahtjevi za spojne elemente
(EN 50164-1:1999/A1:2006)
Lightning Protection Components (LPC) – Part 1:
Requirements for connection components
(EN 50164-1:1999/A1:2006)
- zamijenjena s: HRN EN 50164-1:2011
- HRN EN 50164-2:2003 en
Sastavnice sustava zaštite od munje (LPC) – 2. dio:
Zahtjevi za vodiče i uzemljivače (EN 50164-2:2002)
Lightning protection components (LPC) – Part 2:
Requirements for conductors and earth electrodes
(EN 50164-2:2002)
- zamijenjena s: HRN EN 50164-2:2011
- HRN EN 50164-2:2003/A1:2008 en
Sastavnice sustava zaštite od munje (LPC) – 2. dio:
Zahtjevi za vodiče i uzemljivače
(EN 50164-2:2002/A1:2006)
Lightning protection components (LPC) – Part 2:
Requirements for conductors and earth electrodes
(EN 50164-2:2002/A1:2006)
- zamijenjena s: HRN EN 50164-2:2011
- HRN EN 61663-1:2003 en
Zaštita od munje – Telekomunikacijski vodovi – 1. dio:
Instalacije s optičkim vlaknima
(IEC 61663-1:1999+Corr.1:1999; EN 61663-1:1999)
Lightning protection – Telecommunication lines –
Part 1: Fibre optic installations
(IEC 61663-1:1999+Corr.1:1999; EN 61663-1:1999)
- bez zamjene
- HRN EN 61663-2:2003 en
Zaštita od munje – Telekomunikacijski vodovi – 2. dio:
Vodovi s kovinskim vodičima (IEC 61663-2:2001;
EN 61663-2:2001)
Lightning protection – Telecommunication lines – Part
2: Lines using metallic conductors
(IEC 61663-2:2001; EN 61663-2:2001)
- bez zamjene

HZNTO E106, *Elektromagnetska polja u ljudskome okolišu*

- HRN EN 50364:2002 en
Ograničenje izloženosti ljudi elektromagnetskim poljima uređaja koji rade u frekvencijskome rasponu od 0 Hz do 10 GHz, a rabe se u elektroničkome nadzoru proizvoda (EAS), radiofrekvencijskome prepoznavanju (RFID) i sličnim primjenama (EN 50364:2001)
Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 10 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications (EN 50364:2001)
- zamijenjena s: HRN EN 50364:2012
- HRN EN 50371:2002 en
Norma srodnoga područja za pokazivanje sukladnosti elektroničkih i električnih aparata male snage s temeljnim ograničenjima koja se odnose na izloženost ljudi elektromagnetskim poljima (10 MHz-300 GHz) – Za pučanstvo (EN 50371:2002)

Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz-300 GHz) – General public (EN 50371:2002)
- zamijenjena s: HRN EN 62479:2012

- HRN EN 50383:2005 en
Osnovna norma za proračun i mjerenje jakosti elektromagnetskog polja i gustoće apsorbirane snage koja se odnosi na izloženost ljudi radijskim baznim postajama i nepokretnim krajnjim postajama u bežičnim telekomunikacijskim sustavima (110 MHz - 40 GHz) (EN 50383:2002)
Basic standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication systems (110 MHz-40 GHz) (EN 50383:2002)
- zamijenjena s: HRN EN 50383:2012

HZNTU I2, *Strojarstvo 2*

- HRN EN 474-1:2013 en
Strojevi za zemljane radove – Sigurnost – 1. dio: Opći zahtjevi (EN 474-1:2006+A3:2013)
Earth-moving machinery – Safety – Part 1: General requirements (EN 474-1:2006+A3:2013)
- zamijenjena s: HRN EN 474-1:2014
- HRN EN 12975-2:2008 en
Thermal solar systems and components – Solar collectors – Part 2: Test methods (EN 12975-2:2006)
- zamijenjena s: HRN EN ISO 9806:2014

HZNTU I3, *Strojarstvo 3*

- HRN EN 1300:2013 en
Jedinice za sigurno pohranjivanje – Klasifikacija brava visoke sigurnosti prema njihovoj otpornosti na neovlašteno otvaranje (EN 1300:2004+A1:2011)
Secure storage units – Classification for high security locks according to their resistance to unauthorized opening (EN 1300:2004+A1:2011)
- zamijenjena s: HRN EN 1300:2014

HZNTU M1, *Metalni materijali 1*

- HRN EN ISO 7625:2011 en
Sinterirani metalni materijali, osim tvrdih metala – Priprema uzoraka za kemijske analize za određivanje udjela ugljika (ISO 7625:2006; EN ISO 7625:2010)
Sintered metal materials, excluding hardmetals – Preparation of samples for chemical analysis for determination of carbon content (ISO 7625:2006; EN ISO 7625:2010)
- zamijenjena s: HRN EN ISO 7625:2014
- HRN EN ISO 13944:2008 en
Lubrificirana mješavina metalnoga praška – Određivanje sadržaja lubrikanta – Modificirana Soxhletova metoda ekstrakcije (ISO 13944:1996; EN ISO 13944:2006)
Lubricated metal-powder mixes – Determination of lubricant content – Modified Soxhlet extraction method (ISO 13944:1996; EN ISO 13944:2006)
- zamijenjena s: HRN EN ISO 13944:2014

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

- HRN EN 3682-001:2008 en
Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 001: Technical specification (EN 3682-001:2006)
- zamijenjena s: HRN EN 3682-001:2014

HRN EN 3682-002:2008 en
Aerospace series – Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous – Part 002: Specification of performance and contact arrangements (EN 3682-002:2006)
- zamijenjena s: HRN EN 3682-002:2014

1.6 Ispravci hrvatskih norma

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

Niže navodimo ispravne oznake i naslove hrvatskih norma.

HZN/TO 21, *Protupožarna i vatrogasna oprema*

- **umjesto**

HRN DIN VDE 0833-2:2013

Sustavi za uzbunjivanje zbog požara, provale i prepada – 2. dio: Zahtjevi za sustave za požarno uzbunjivanje (DIN VDE 0833-2:2009)
Gefahrenmeldeanlagen für Brand, Einbruch und Überfall – Teil 2: Festlegungen für Brandmeldeanlagen (DIN VDE 0833-2:2009)

- **treba biti**

HRN DIN VDE 0833-2:2013

Sustavi za uzbunjivanje zbog požara, provale i prepada – 2. dio: Zahtjevi za sustave za požarno uzbunjivanje (DIN VDE 0833-2:2009+DIN VDE 0833-2 Berichtigung 1:2010)
Gefahrenmeldeanlagen für Brand, Einbruch und Überfall – Teil 2: Festlegungen für Brandmeldeanlagen (DIN VDE 0833-2:2009+DIN VDE 0833-2 Berichtigung 1:2010)

HZN/TO 238, *Čvrsta biogoriva*

- **umjesto**

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)

- **treba biti**

HRN EN 15149-2:2010

Čvrsta biogoriva – Određivanje granulometrijskog sastava – 2. dio: Vibracijsko prosijavanje upotrebom sita promjera 3,15 mm i **manje** (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)

HZN/TO 550, *Opskrba vodom*

- **umjesto**

HRN EN 13618:2011

Sklopivi od fleksibilnih crijeva u instalacijama za pitku vodu – Funkcionalni zahtjevi i metode ispitivanja (EN 13618:2011)
Flexible hose assemblies in drinking water installations – Functional requirements and test methods (EN 13618:2011)

- **treba biti**

HRN EN 13618:2011

Sklopovi od fleksibilnih crijeva u instalacijama za pitku vodu – Funkcionalni zahtjevi i metode ispitivanja (EN 13618:2011)

Flexible hose assemblies in drinking water installations – Functional requirements and test methods (EN 13618:2011)

- **umjesto**

HRN EN 15072:2013

Kemikalije koje se upotrebljavaju u obradi **vode bazena za plivanje** – **Natrijev hidrogenkarbonat** (EN 15072:2013)
Chemicals used for treatment of swimming pool water – Sodium dichloroisocyanurate, anhydrous (EN 15072:2013)

- **treba biti**

HRN EN 15072:2013

Kemikalije koje se upotrebljavaju u obradi **bazenske vode** – **Bezvodni natrijev dikloroizocijanurat** (EN 15072:2013)
Chemicals used for treatment of swimming pool water – Sodium dichloroisocyanurate, anhydrous (EN 15072:2013)

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

- **umjesto**

HRN EN 13175:2008

Prenosive plinske boce – **Periodični pregled i održavanje boca za otopljeni acetilen** (EN 13175:2003+A2:2007)
LPG equipment and accessories – Specification and testing for Liquefied Petroleum Gas (LPG) tank valves and fittings (EN 13175:2003+A2:2007)

- **treba biti**

HRN EN 13175:2008

Oprema i pribor za UNP – **Specifikacija i ispitivanje ventila i spojnice tlačnih posuda za ukapljeni naftni plin (UNP)** (EN 13175:2003+A2:2007)
LPG equipment and accessories – Specification and testing for Liquefied Petroleum Gas (LPG) tank valves and fittings (EN 13175:2003+A2:2007)

HZN/TO E9, *Električna oprema za željeznicu*

- **umjesto**

HRN EN 50152-3-2:2001

Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – **3. dio**: Mjerni, upravljački i zaštitni uređaji za posebnu uporabu u izmjeničnim sustavima vuče – **Odsječak 2**: Jednofazni strujni transformatori (EN 50152-3-2:2001)
Railway applications – Fixed installations – Particular requirements for a.c. switchgear – **Part 3**: Measurement, control and protection devices for specific use in a.c. traction systems – **Section 2**: Single-phase current transformers (EN 50152-3-2:2001)

- **treba biti**

HRN EN 50152-3-2:2001

Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – **Dio 3-2**: Mjerni, upravljački i zaštitni uređaji za posebnu uporabu u izmjeničnim sustavima vuče – Jednofazni strujni transformatori (EN 50152-3-2:2001)
Railway applications – Fixed installations – Particular requirements for a.c. switchgear – **Part 3-2**: Measurement, control and protection devices for specific use in a.c. traction systems – Single-phase current transformers (EN 50152-3-2:2001)

- **umjesto**

HRN EN 50152-3-3:2001
Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – **3. dio:** Mjerni, upravljački i zaštitni uređaji za posebnu uporabu u izmjeničnim sustavima vuče – **Odsječak 3:** Jednofazni naponski transformatori (EN 50152-3-3:2001)
Railway applications – Fixed installations – Particular requirements for a.c. switchgear – **Part 3:** Measurement, control and protection devices for specific use in a.c. traction systems – **Section 3:** Single-phase voltage transformers (EN 50152-3-3:2001)

- **treba biti**

HRN EN 50152-3-3:2001
Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za izmjenična rasklopna postrojenja – **Dio 3-3:** Mjerni, upravljački i zaštitni uređaji za posebnu uporabu u izmjeničnim sustavima vuče – Jednofazni naponski transformatori (EN 50152-3-3:2001)
Railway applications – Fixed installations – Particular requirements for a.c. switchgear – **Part 3-3:** Measurement, control and protection devices for specific use in a.c. traction systems – Single-phase inductive voltage transformers (EN 50152-3-3:2001)

HZN/TO E23, Električni instalacijski pribor

- **umjesto**

HRN EN 50066:2007
Mini-kabelski utični pribor za međuspajanje električno opskrbljivane opreme u cestovnim vozilima (EN 50066:1992)
Mini-couplers for the interconnection of electrical mains supplied equipment in road vehicles (EN 50066:1992)

- **treba biti**

HRN EN 50066:2007
Minijturni utični pribor za spajanje opreme u cestovnim vozilima koja se napaja iz električne mreže (EN 50066:1992)
Mini-couplers for the interconnection of electrical mains supplied equipment in road vehicles (EN 50066:1992)

- **umjesto**

HRN EN 61020-1:2010
Elektromehaničke sklopke za uporabu u električnoj i elektroničkoj opremi – 1. dio: Generička specifikacija (**Rodovska odredba**) (IEC 61020-1:2009; EN 61020-1:2009)
Electromechanical switches for use in electrical and electronic equipment – Part 1: Generic specification (IEC 61020-1:2009; EN 61020-1:2009)

- **treba biti**

HRN EN 61020-1:2010
Elektromehaničke sklopke za uporabu u električnoj i elektroničkoj opremi – 1. dio: Generička specifikacija (IEC 61020-1:2009; EN 61020-1:2009)
Electromechanical switches for use in electrical and electronic equipment – Part 1: Generic specification (IEC 61020-1:2009; EN 61020-1:2009)

- **umjesto**

HRN HD 363 S1:2007
Mjere (dimenzije) završetaka osovina za ručno djelovanje na elektroničke sastavnice (IEC 60390:1972+am1:1976; HD 363 S1:1977)
Dimensions of spindle ends for manually operated electronic components (IEC 60390:1972+am1:1976; HD 363 S1:1977)

- **treba biti**

HRN HD 363 S1:2007
Dimenzije završetaka osovina za elektroničke komponente s ručnim upravljanjem (IEC 60390:1972+am1:1976; HD 363 S1:1977)
Dimensions of spindle ends for manually operated electronic components (IEC 60390:1972+am1:1976; HD 363 S1:1977)

- **umjesto**

HRN HD 391 S3:2007
Mjere (dimenzije) za jednopovrtnu ugradbu, prolazno ugrađenih elektroničkih sastavnica s osovinom (IEC 60620:1984; HD 391 S3:1988)
Dimensions for the mounting of single-hole, bush-mounted, spindle-operated electronic components (IEC 60620:1984; HD 391 S3:1988)

- **treba biti**

HRN HD 391 S3:2007
Dimenzije elektroničkih komponentata s osovinom u čahuri predviđenih za ugradnju u jedan otvor (IEC 60620:1984; HD 391 S3:1988)
Dimensions for the mounting of single-hole, bush-mounted, spindle-operated electronic components (IEC 60620:1984; HD 391 S3:1988)

- **umjesto**

HRN EN 196403:2002
Tiskanica za određbu (specifikaciju) s pojedinostima – Pritisne sklopke – Procjena razine Y (EN 196403:1998)
Blank Detail Specification – Push button switches – Assessment level Y (EN 196403:1998)

- **treba biti**

HRN EN 196403:2002
Prazna tiskanica za detaljnu specifikaciju – Pritisne sklopke – Procjena razine Y (EN 196403:1998)
Blank Detail Specification – Push button switches – Assessment level Y (EN 196403:1998)

HZN/ TO 535, Agregati

Sljedeće hrvatske norme ponovo su važeće sukladno odluci HZN-a koji je postupio u skladu s odlukom CEN-ove skupine za upravljanje tehničkim odborima Tehničke uprave (BT/TCMG).

HRN EN 12620:2008 en pr
Agregati za beton (EN 12620:2002+A1:2008)
Aggregates for concrete (EN 12620:2002+A1:2008)

HRN EN 13043:2003 en pr
Agregati za bitumenske mješavine i površinsku obradu cesta, aerodromskih pista i drugih prometnih površina (EN 13043:2002)
Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas (EN 13043:2002)

HRN EN 13043:2003/AC:2006 en pr
Agregati za bitumenske mješavine i površinsku obradu cesta, aerodromskih pista i drugih prometnih površina (EN 13043:2002/AC:2004)
Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas (EN 13043:2002/AC:2004)

HRN EN 13139:2003 en pr
Agregati za mort (EN 13139:2002)
Aggregates for mortar (EN 13139:2002)

HRN EN 13139:2003/AC:2006 en pr
Agregati za mort (EN 13139:2002/AC:2004)
Aggregates for mortar (EN 13139:2002/AC:2004)

- HRN EN 13242:2008 en pr
Agregati za nevezane i hidraulički vezane materijale za uporabu u građevinarstvu i cestogradnji (EN 13242:2002+A1:2007)
Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction (EN 13242:2002+A1:2007)
- HRN EN 13383-1:2003 en pr
Kamenozaštite – 1. dio: Specifikacije (EN 13383-1:2002)
Armourstone – Part 1: Specification (EN 13383-1:2002)
- HRN EN 13383-1:2003/AC:2006 en pr
Kamenozaštite – 1. dio: Specifikacije (EN 13383-1:2002/AC:2004)
Armourstone – Part 1: Specification (EN 13383-1:2002/AC:2004)
- HRN EN 13450:2003 en pr
Agregati za željeznički tucanik (EN 13450:2002)
Aggregates for railway ballast (EN 13450:2002)
- HRN EN 13450:2003/AC:2006 en pr
Agregati za željeznički tucanik (EN 13450:2002/AC:2004)
Aggregates for railway ballast (EN 13450:2002/AC:2004)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

Zbog tehničke pogreške u Oglasniku za normativne dokumente, HZN e-glasilo 7/2013, norma HRN EN 61970-301:2013 je ispuštena s popisa prihvaćenih norma, točka 1.1 Hrvatske norme. Objavom ovog ispravka smatra se hrvatskom normom s oznakom:

- HRN EN 61970-301:2013 en pr
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 301. dio: Osnove zajedničkog modela podataka (CIM) (IEC 61970-301:2011; EN 61970-301:2011)
Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2011; EN 61970-301:2011)

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 505, Prijenos i distribucija plina

- HRN EN 1474-1:2010
Ugradnja i oprema za ukapljeni prirodni plin – Projektiranje i ispitivanje pomorskih prijenosnih sustava – 1. dio: Projektiranje i ispitivanje priključaka za pretakanje (EN 1474-1:2008)
Installation and equipment for liquefied natural gas – Design and testing of marine transfer systems – Part 1: Design and testing of transfer arms (EN 1474-1:2008)
- HRN EN 1474-2:2010
Ugradnja i oprema za ukapljeni prirodni plin – Projektiranje i ispitivanje pomorskih prijenosnih sustava – 2. dio: Projektiranje i ispitivanje crijeva za pretakanje (EN 1474-2:2008)
Installation and equipment for liquefied natural gas – Design and testing of marine transfer systems – Part 2: Design and testing of transfer hoses (EN 1474-2:2008)

- HRN EN 1474-3:2010
Ugradnja i oprema za ukapljeni prirodni plin – Projektiranje i ispitivanje pomorskih prijenosnih sustava – 3. dio: Odobalni prijenosni sustavi (EN 1474-3:2008)
Installation and equipment for liquefied natural gas – Design and testing of marine transfer systems – Part 3: Offshore transfer systems (EN 1474-3:2008)
- HRN EN 1594:2010
Sustavi opskrbe plinom – Cjevovodi za najveći radni tlak preko 16 bara – Funkcijski zahtjevi (EN 1594:2009)
Gas supply systems – Pipelines for maximum operating pressure over 16 bar – Functional requirements (EN 1594:2009)
- HRN EN 13645:2008
Ugradnja i oprema za ukapljeni prirodni plin – Projektiranje obalnih instalacija skladišnog kapaciteta između 5 t i 200 t (EN 13645:2001)
Installations and equipment for liquefied natural gas – Design of onshore installations with a storage capacity between 5 t and 200 t (EN 13645:2001)
- HRI CR 13737:2008
Upute za primjenu funkcijskih norma koje je pripremio CEN/TC 234 "Gas supply" (CR 13737:2001)
Implementation Guide for functional standards prepared by CEN/TC 234 "Gas supply" (CR 13737:2001)
- HRN EN 13787:2008
Elastomeri za regulatore tlaka plina i pripadajuće sigurnosne uređaje za ulazne tlakove do 100 bara (EN 13787:2001)
Elastomers for gas pressure regulators and associated safety devices for inlet pressures up to 100 bar (EN 13787:2001)
- HRS CEN/TS 15173:2010
Sustavi opskrbe plinom – Preporuke za sustave upravljanje cjelovitošću cjevovoda (PIMS) (CEN/TS 15173:2006)
Gas supply systems – Frame of reference regarding Pipeline Integrity Management System (PIMS) (CEN/TS 15173:2006)
- HRS CEN/TS 15174:2010
Sustavi opskrbe plinom – Smjernice za upravljanje sigurnosnim sustavima cjevovoda za transport prirodnoga plina (CEN/TS 15174:2006)
Gas supply systems – Guideline for safety management systems for natural gas transmission pipelines (CEN/TS 15174:2006)
- HRS CEN/TS 15399:2010
Sustavi opskrbe plinom – Smjernice za sustave upravljanja mrežom distribucije plina (CEN/TS 15399:2007)
Gas Supply Systems – Guidelines for Management systems for Gas Distribution Network (CEN/TS 15399:2007)

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

- HRN EN ISO 6145-6:2010
Analiza plina – Priprema umjeranih plinskih smjesa pomoću dinamičkih volumetrijskih metoda – 6. dio: Kritične prigušnice (ISO 6145-6:2003; EN ISO 6145-6:2008)
Gas analysis – Preparation of calibration gas mixtures using dynamic volumetric methods – Part 6: Critical orifices (ISO 6145-6:2003; EN ISO 6145-6:2008)

- HRI CEN ISO/TR 10400:2012
Industrija nafte i prirodnoga plina – Jednadžbe i proračuni osobina zaštitnih cijevi, proizvodnih cijevi, šipki za bušenje i cjevovoda koji se upotrebljavaju kao zaštitne cijevi ili proizvodne cijevi (ISO/TR 10400:2007; CEN ISO/TR 10400:2011)
Petroleum and natural gas industries – Equations and calculations for the properties of casing, tubing, drill pipe and line pipe used as casing or tubing (ISO/TR 10400:2007; CEN ISO/TR 10400:2011)
- HRN EN ISO 10407-2:2011
Industrija nafte i prirodnoga plina – Oprema za rotacijsko bušenje – 2. dio: Ispitivanje i razredba upotrijebljenih elemenata za bušenje (ISO 10407-2:2008+Cor 1:2009; EN ISO 10407-2:2008+AC:2009)
Petroleum and natural gas industries – Rotary drilling equipment – Part 2: Inspection and classification of used drill stem elements (ISO 10407-2:2008+Cor 1:2009; EN ISO 10407-2:2008+AC:2009)
- HRN EN ISO 10416:2010
Industrija nafte i prirodnoga plina – Fluidi za bušenje – Laboratorijsko ispitivanje (ISO 10416:2008; EN ISO 10416:2009)
Petroleum and natural gas industries – Drilling fluids – Laboratory testing (ISO 10416:2008; EN ISO 10416:2009)
- HRN EN ISO 10418:2006/Ispr.1:2012
Industrija nafte i prirodnoga plina – Odobalna proizvodna postrojenja – Analiza, projektiranje, instalacija i ispitivanje osnovnih površinskih sustava za sigurnost procesa (ISO 10418:2003/Cor 1:2008; EN ISO 10418:2003/AC:2009)
Petroleum and natural gas industries – Offshore production installations – Analysis, design, installation and testing of basic surface process safety systems (ISO 10418:2003/Cor 1:2008; EN ISO 10418:2003/AC:2009)
- HRN EN ISO 11961:2011
Industrija nafte i prirodnoga plina – Čelična cijev za bušenje (ISO 11961:2008+Cor 1:2009; EN ISO 11961:2008+AC:2009)
Petroleum and natural gas industries – Steel drill pipe (ISO 11961:2008+Cor 1:2009; EN ISO 11961:2008+AC:2009)
- HRN EN ISO 13503-2:2007/A1:2010
Industrija nafte i prirodnoga plina – Fluidi i materijali za završno opremanje bušotina – 2. dio: Mjerenje svojstava podupirača upotrijebljenih pri hidrauličkome frakturiranju i pješčanome zasipu – Amandman 1: Dopuna Dodatku B: Specifikacija podupirača (ISO 13503-2:2006/Amd 1:2009; EN ISO 13503-2:2006/A1:2009)
Petroleum and natural gas industries – Completion fluids and materials – Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations – Amendment 1: Addition of Annex B: Proppand specification (ISO 13503-2:2006/Amd 1:2009; EN ISO 13503-2:2006/A1:2009)
- HRN EN ISO 13503-5:2008
Industrija nafte i prirodnoga plina – Fluidi i materijali za završno opremanje bušotina – 5. dio: Postupci za mjerenja dugoročne provodljivosti podupirača (ISO 13503-5:2006; EN ISO 13503-5:2006)
Petroleum and natural gas industries – Completion fluids and materials – Part 5: Procedures for measuring the long-term conductivity of proppants (ISO 13503-5:2006; EN ISO 13503-5:2006)
- HRN EN ISO 13624-1:2010
Industrija nafte i prirodnoga plina – Oprema za bušenje i proizvodnju – 1. dio: Projektiranje i rad opreme za izolacijske cijevi (“riser”) pri bušenju na moru (ISO 13624-1:2009; EN ISO 13624-1:2009)
Petroleum and natural gas industries – Drilling and production equipment – Part 1: Design and operation of marine drilling riser equipment (ISO 13624-1:2009; EN ISO 13624-1:2009)
- HRN EN ISO 13628-15:2012
Industrija nafte i prirodnoga plina – Projektiranje i rad sustava za podmorsku proizvodnju – 15. dio: Podmorski objekti i razdjelnici (ISO 13628-15:2011; EN ISO 13628-15:2011)
Petroleum and natural gas industries – Design and operation of subsea production systems – Part 15: Subsea structures and manifolds (ISO 13628-15:2011; EN ISO 13628-15:2011)
- HRN EN ISO 13628-2:2008
Industrija nafte i prirodnoga plina – Projektiranje i rad sustava za podmorsku proizvodnju – 2. dio: Nepričvršćeni savitljivi cijevni sustavi za primjenu pod morem i druge pomorske primjene (ISO 13628-2:2006; EN ISO 13628-2:2006)
Petroleum and natural gas industries – Design and operation of subsea production systems – Part 2: Unbonded flexible pipe systems for subsea and marine applications (ISO 13628-2:2006; EN ISO 13628-2:2006)
- HRN EN ISO 13628-2:2008/Ispr.1:2012
Industrija nafte i prirodnoga plina – Projektiranje i rad sustava za podmorsku proizvodnju – 2. dio: Nepričvršćeni savitljivi cijevni sustavi za primjenu pod morem i druge pomorske primjene (ISO 13628-2:2006/Cor 1:2009; EN ISO 13628-2:2006/AC:2009)
Petroleum and natural gas industries – Design and operation of subsea production systems – Part 2: Unbonded flexible pipe systems for subsea and marine applications (ISO 13628-2:2006/Cor 1:2009; EN ISO 13628-2:2006/AC:2009)
- HRN EN ISO 14691:2010
Industrija nafte, petrokemije i prirodnoga plina – Elastične spojnice za mehanički prijenos snage – Opća primjena (ISO 14691:2008; EN ISO 14691:2008)
Petroleum, petrochemical and natural gas industries – Flexible couplings for mechanical power transmission – General-purpose applications (ISO 14691:2008; EN ISO 14691:2008)
- HRN EN ISO 15136-1:2010
Industrija nafte i prirodnoga plina – Sustavi vijčanih pumpi za mehaničko crpljenje dopunskim metodama – 1. dio: Pumpe (ISO 15136-1:2009; EN ISO 15136-1:2009)
Petroleum and natural gas industries – Progressing cavity pump systems for artificial lift – Part 1: Pumps (ISO 15136-1:2009; EN ISO 15136-1:2009)
- HRN EN ISO 15136-2:2008
Industrija nafte i prirodnoga plina – Sustavi vijčanih pumpi za mehaničko crpljenje – 2. dio: Površinski pogonski sustavi (ISO 15136-2:2006; EN ISO 15136-2:2006)
Petroleum and natural gas industries – Progressing cavity pump systems for artificial lift – Part 2: Surface-drive systems (ISO 15136-2:2006; EN ISO 15136-2:2006)
- HRN EN ISO 15156-2:2010
Industrija nafte i prirodnoga plina – Materijali koji se upotrebljavaju u sredinama u kojima je prisutan H₂S u proizvodnji nafte i plina – 2. dio: Ugljični i niskolegirani čelici otporni na stvaranje pukotina i upotreba željeznog lijeva (ISO 15156-2:2009; EN ISO 15156-2:2009)

- Petroleum and natural gas industries – Materials for use in H₂S-containing environments in oil and gas production – Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons (ISO 15156-2:2009; EN ISO 15156-2:2009)
- HRN EN ISO 15156-3:2010
Industrija nafte i prirodnoga plina – Materijali koji se upotrebljavaju u sredinama u kojima je prisutan H₂S u proizvodnji nafte i plina – 3. dio: Legure otporne na stvaranje pukotina (CRA) i ostale legure (ISO 15156-3:2009; EN ISO 15156-3:2009)
Petroleum and natural gas industries – Materials for use in H₂S-containing environments in oil and gas production – Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys (ISO 15156-3:2009; EN ISO 15156-3:2009)
- HRN EN ISO 15546:2012
Industrija nafte i prirodnoga plina – Cijev za bušenje od aluminijeve legure (ISO 15546:2011; EN ISO 15546:2011)
Petroleum and natural gas industries – Aluminium alloy drill pipe (ISO 15546:2011; EN ISO 15546:2011)
- HRN EN ISO 15547-1:2008
Industrija nafte, petrokemije i prirodnoga plina – Pločasti izmjenjivači topline – 1. dio: Pločasti okvirni izmjenjivači topline (ISO 15547-1:2005; EN ISO 15547-1:2005)
Petroleum, petrochemical and natural gas industries – Plate-type heat exchangers – Part 1: Plate-and-frame heat exchangers (ISO 15547-1:2005; EN ISO 15547-1:2005)
- HRN EN ISO 15547-2:2008
Industrija nafte, petrokemije i prirodnoga plina – Pločasti izmjenjivači topline – 2. dio: Tvrdi lemljeni aluminijски izmjenjivači topline s orebrenim pločama (ISO 15547-2:2005; EN ISO 15547-2:2005)
Petroleum, petrochemical and natural gas industries – Plate-type heat exchangers – Part 2: Brazed aluminium plate-fin heat exchangers (ISO 15547-2:2005; EN ISO 15547-2:2005)
- HRN EN ISO 16708:2008
Industrija nafte i prirodnoga plina – Cjevovodni transportni sustavi – Metode graničnih veličina utemeljene na pouzdanosti (ISO 16708:2006; EN ISO 16708:2006)
Petroleum and natural gas industries – Pipeline transportation systems – Reliability-based limit state methods (ISO 16708:2006; EN ISO 16708:2006)
- HRN EN ISO 17078-3:2010
Industrija nafte i prirodnoga plina – Oprema za bušenje i proizvodnju – 3. dio: Alati za spužtanje u bušotinu, alati za vađenje iz bušotine, alati za izbacivanje iz bušotine i zatvarači za bočna vretena (ISO 17078-3:2009; EN ISO 17078-3:2009)
Petroleum and natural gas industries – Drilling and production equipment – Part 3: Running tools, pulling tools and kick-over tools and latches for side-pocket mandrels (ISO 17078-3:2009; EN ISO 17078-3:2009)
- HRN EN ISO 17078-4:2010
Industrija nafte i prirodnoga plina – Oprema za bušenje i proizvodnju – 4. dio: Praktični rad s bočnim vretenima i prateća oprema (ISO 17078-4:2010; EN ISO 17078-4:2010)
Petroleum and natural gas industries – Drilling and production equipment – Part 4: Practices for side-pocket mandrels and related equipment (ISO 17078-4:2010; EN ISO 17078-4:2010)
- HRN EN ISO 19901-6:2010
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne objekte – 6. dio: Operacije na moru (ISO 19901-6:2009; EN ISO 19901-6:2009)
- Petroleum and natural gas industries – Specific requirements for offshore structures – Part 6: Marine operations (ISO 19901-6:2009; EN ISO 19901-6:2009)
- HRN EN ISO 19901-7:2008
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne objekte – 7. dio: Sustavi održavanja pozicije za plutajuće odobalne objekte i pokretne odobalne jedinice (ISO 19901-7:2005; EN ISO 19901-7:2005)
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 7: Stationkeeping systems for floating offshore structures and mobile offshore units (ISO 19901-7:2005; EN ISO 19901-7:2005)
- HRN EN ISO 19906:2012
Industrija nafte i prirodnoga plina – Odobalni objekti na Arktiku (ISO 19906:2010; EN ISO 19906:2010)
Petroleum and natural gas industries – Arctic offshore structures (ISO 19906:2010; EN ISO 19906:2010)
- HRN EN ISO 20312:2012
Industrija nafte i prirodnoga plina – Projektiranje i ograničenja pri upotrebi kompleta alata za bušenje s komponentama od aluminijevih legura (ISO 20312:2011; EN ISO 20312:2011)
Petroleum and natural gas industries – Design and operating limits of drill strings with aluminium alloy components (ISO 20312:2011; EN ISO 20312:2011)
- HRN EN ISO 21049:2008
Pumpe – Sustavi za brtvljenje vratila za centrifugalne i rotacijske pumpe (ISO 21049:2004; EN ISO 21049:2004)
Pumps – Shaft sealing systems for centrifugal and rotary pumps (ISO 21049:2004; EN ISO 21049:2004)
- HRN EN ISO 21457:2011
Industrija nafte, petrokemije i prirodnoga plina – Izbor materijala i kontrola korozije za sustave za proizvodnju nafte i plina (ISO 21457:2010; EN ISO 21457:2010)
Petroleum, petrochemical and natural gas industries – Materials selection and corrosion control for oil and gas production systems (ISO 21457:2010; EN ISO 21457:2010)
- HRN EN ISO 23936-1:2010
Industrija nafte, petrokemije i prirodnoga plina – Nemetalni materijali u kontaktu s medijima koji se upotrebljavaju u proizvodnji nafte i plina – 1. dio: Plastomeri (ISO 23936-1:2009; EN ISO 23936-1:2009)
Petroleum, petrochemical and natural gas industries – Non-metallic materials in contact with media related to oil and gas production – Part 1: Thermoplastics (ISO 23936-1:2009; EN ISO 23936-1:2009)
- HRN EN ISO 23936-2:2012
Industrija nafte, petrokemije i prirodnoga plina – Nemetalni materijali u kontaktu s medijima koji se upotrebljavaju u proizvodnji nafte i plina – 2. dio: Elastomeri (ISO 23936-2:2011; EN ISO 23936-2:2011)
Petroleum, petrochemical and natural gas industries – Non-metallic materials in contact with media related to oil and gas production – Part 2: Elastomers (ISO 23936-2:2011; EN ISO 23936-2:2011)
- HRI CEN ISO/TR 24094:2012
Analiza prirodnoga plina – Metode vrednovanja za plinovite referentne materijale (ISO/TR 24094:2006; CEN ISO/TR 24094:2007)
Analysis of natural gas – Validation methods for gaseous reference materials (ISO/TR 24094:2006; CEN ISO/TR 24094:2007)

- HRN EN ISO 25457:2011
Industrija nafte, petrokemije i prirodnoga plina – Detalji o baklji za opće rafinerijske i petrokemijske potrebe (ISO 25457:2008; EN ISO 25457:2008)
Petroleum, petrochemical and natural gas industries – Flare details for general refinery and petrochemical service (ISO 25457:2008; EN ISO 25457:2008)
- HRS CEN ISO/TS 27469:2012
Industrija nafte, petrokemije i prirodnoga plina – Metoda ispitivanja požarnih klapna (ISO/TS 27469:2010; CEN ISO/TS 27469:2011)
Petroleum, petrochemical and natural gas industries – Method of test for fire dampers (ISO/TS 27469:2010; CEN ISO/TS 27469:2011)
- HRN EN ISO 28781:2011
Industrija nafte i prirodnoga plina – Oprema za bušenje i proizvodnju – Ventilni za podzemne barijere i pripadajuća oprema (ISO 28781:2010; EN ISO 28781:2010)
Petroleum and natural gas industries – Drilling and production equipment – Subsurface barrier valves and related equipment (ISO 28781:2010; EN ISO 28781:2010)

HZN/TO 562, *Alatni strojevi i alati*

- HRN EN 22568:2009
Ručne i strojne nareznice i ručne okretaljke za nareznice (ISO 2568:1988; EN 22568:1989)
Hand- and machine-operated circular screwing dies and hand-operated die stocks (ISO 2568:1988; EN 22568:1989)
- HRN EN 22857:2009
Ureznici za slijepe rupe za ISO metričke navoje s dopuštenim odstupanjima od 4H do 8H i 4G do 6G grubog i finog koraka – Dopuštena odstupanja izrade na reznom dijelu (ISO 2857:1973+Amd 1:1984+Amd 2:1986; EN 22857:1989)
Ground thread taps for ISO metric threads of tolerances 4H to 8H and 4G to 6G coarse and fine pitches – Manufacturing tolerances on the threaded portion (ISO 2857:1973+Amd 1:1984+Amd 2:1986; EN 22857:1989)
- HRN EN 24230:2009
Ručne i strojne nareznice za konične cijevne navoje – R serija (ISO 4230:1987; EN 24230:1989)
Hand- and machine-operated circular screwing dies for taper pipe threads – R series (ISO 4230:1987; EN 24230:1989)
- HRN EN 24231:2009
Ručne i strojne nareznice za paralelne cijevne navoje – G serija (ISO 4231:1987; EN 24231:1989+AC1:1989)
Hand- and machine-operated circular screwing dies for parallel pipe threads – G series (ISO 4231:1987; EN 24231:1989+AC1:1989)
- HRN EN 25967:2009
Ureznici i nareznice – Nomenklatura glavnih tipova i nazivlje (ISO 5967:1981; EN 25967:1989)
Taps and thread cutting – Nomenclature of the main types and terminology (ISO 5967:1981; EN 25967:1989)
- HRN EN 25968:2009
Nareznice – Nazivlje (ISO 5968:1981; EN 25968:1989)
Circular screwing dies – Terminology (ISO 5968:1981; EN 25968:1989)

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- HRN EN 926-1:2008
Oprema za paraglajding – Paragladjeri – 1. dio: Zahtjevi i metode ispitivanja za čvrstoću konstrukcije (EN 926-1:2006)
Paragliding equipment – Paragliders – Part 1: Requirements and test methods for structural strength (EN 926-1:2006)
- HRN EN 1972:2008
Pribor za ronjenje – Disalice – Sigurnosni zahtjevi i metode ispitivanja (EN 1972:1997)
Diving accessories – Snorkels – Safety requirements and test methods (EN 1972:1997)
- HRN EN 12503-2:2008
Sportske strunjače – 2. dio: Strunjače za skok s motkom i skok u vis, sigurnosni zahtjevi (EN 12503-2:2001)
Sports mats – Part 2: Pole vault and high jump mats, safety requirements (EN 12503-2:2001)
- HRN EN 12503-3:2008
Sportske strunjače – 3. dio: Strunjače za džudo, sigurnosni zahtjevi (EN 12503-3:2001)
Sports mats – Part 3: Judo mats, safety requirements (EN 12503-3:2001)
- HRN EN 12503-5:2008
Sportske strunjače – 5. dio: Određivanje trenja osnovice (EN 12503-5:2001)
Sports mats – Part 5: Determination of the base friction (EN 12503-5:2001)
- HRN EN 12503-6:2008
Sportske strunjače – 6. dio: Određivanje trenja gornje površine (EN 12503-6:2001)
Sports mats – Part 6: Determination of the top friction (EN 12503-6:2001)
- HRN EN 12503-7:2008
Sportske strunjače – 7. dio: Određivanje statičke krutosti (EN 12503-7:2001)
Sports mats – Part 7: Determination of static stiffness (EN 12503-7:2001)
- HRN EN 12572-1:2008
Umjetne strukture za penjanje – 1. dio: Sigurnosni zahtjevi i metode ispitivanja za umjetne penjačke strukture s točkama zaštite (EN 12572-1:2007)
Artificial climbing structures – Part 1: Safety requirements and test methods for ACS with protection points (EN 12572-1:2007)
- HRN EN 13451-2:2008
Oprema za bazene – 2. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za ljestve, ljestve sa stubama i rukohvate (EN 13451-2:2001+AC:2003)
Swimming pool equipment – Part 2: Additional specific safety requirements and test methods for ladders, stepladders and handle bends (EN 13451-2:2001+AC:2003)
- HRN EN 13451-4:2008
Oprema za bazene – 4. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za startne platforme (EN 13451-4:2001)
Swimming pool equipment – Part 4: Additional specific safety requirements and test methods for starting platforms (EN 13451-4:2001)
- HRN EN 13451-5:2008
Oprema za bazene – 5. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za pružnu užad (EN 13451-5:2001)
Swimming pool equipment – Part 5: Additional specific safety requirements and test methods for lane lines (EN 13451-5:2001)

- HRN EN 13451-6:2008
Oprema za bazene – 6. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za dodirne ploče (EN 13451-6:2001)
Swimming pool equipment – Part 6: Additional specific safety requirements and test methods for turning boards (EN 13451-6:2001)
- HRN EN 13451-7:2008
Oprema za bazene – 7. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za golove za vaterpolo (EN 13451-7:2001)
Swimming pool equipment – Part 7: Additional specific safety requirements and test methods for water polo goals (EN 13451-7:2001)
- HRN EN 13451-8:2008
Oprema za bazene – 8. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za vodene naprave za zabavu (EN 13451-8:2001)
Swimming pool equipment – Part 8: Additional specific safety requirements and test methods for leisure water features (EN 13451-8:2001)
- HRN EN 13451-10:2008
Oprema za bazene – 10. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za platforme za ronjenje, ronilačke odskočne daske i pripadajuću opremu (EN 13451-10:2004)
Swimming pool equipment – Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment (EN 13451-10:2004)
- HRN EN 13451-11:2008
Oprema za bazene – 11. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za pomične bazenske podove i pomične pregrade (EN 13451-11:2004)
Swimming pool equipment – Part 11: Additional specific safety requirements and test methods for moveable pool floors and moveable bulkheads (EN 13451-11:2004)
- HRN EN 13538-2:2008
Određivanje dimenzija vreća za spavanje – 2. dio: Debljina i obnavljanje elastičnosti (EN 13538-2:2002)
Determination of dimensional characteristics of sleeping bags – Part 2: Thickness and elastic recovery (EN 13538-2:2002)
- HRN EN 13538-3:2008
Određivanje dimenzija vreća za spavanje – 3. dio: Volumen pod teretom i jednostavnost zatvaranja (EN 13538-3:2002)
Determination of dimensional characteristics of sleeping bags – Part 3: Volume under load and easiness of packing (EN 13538-3:2002)
- HRN EN 14468-1:2008
Stolni tenis – 1. dio: Stolovi za stolni tenis, funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 14468-1:2004)
Table tennis – Part 1: Table tennis tables, functional and safety requirements, test methods (EN 14468-1:2004)
- HRN EN 14468-2:2008
Stolni tenis – 2. dio: Nosači za mrežu – Zahtjevi i metode ispitivanja (EN 14468-2:2005)
Table tennis – Part 2: Posts for net assemblies – Requirements and test methods (EN 14468-2:2005)
- HRN EN 15288-2:2008
Bazeni – 2. dio: Sigurnosni zahtjevi za upravljanje (EN 15288-2:2008)
Swimming pools – Part 2: Safety requirements for operation (EN 15288-2:2008)
- HRN EN 15567-1:2008
Objekti za sport i rekreaciju – Adrenalinski parkovi – 1. dio: Izvedba i sigurnosni zahtjevi (EN 15567-1:2007)
Sports and recreational facilities – Ropes courses – Part 1: Construction and safety requirements (EN 15567-1:2007)
- HRN EN 15567-2:2008
Objekti za sport i rekreaciju – Adrenalinski parkovi – 2. dio: Zahtjevi za upravljanje (EN 15567-2:2007)
Sports and recreational facilities – Ropes courses – Part 2: Operation requirements (EN 15567-2:2007)
- HRN EN ISO 5912:2011
Šatori za kampiranje (ISO 5912:2011; EN ISO 5912:2011)
Camping tents (ISO 5912:2011; EN ISO 5912:2011)
- HRN EN 14974:2011
Objekti za korisnike sportske opreme za koturaljkanje – Sigurnosni zahtjevi i metode ispitivanja (EN 14974:2006+A1:2010)
Facilities for users of roller sports equipment – Safety requirements and test methods (EN 14974:2006+A1:2010)
- HRN ISO 7331:2012
Skijaški štapovi za alpsko skijanje – Zahtjevi i metode ispitivanja (ISO 7331:2011)
Ski-poles for alpine skiing – Requirements and test methods (ISO 7331:2011)
- HRN ISO 9462:2012
Skijaški vezovi za alpsko skijanje – Zahtjevi i metode ispitivanja (ISO 9462:2006+Amd 1:2009)
Alpine ski-bindings – Requirements and test methods (ISO 9462:2006+Amd 1:2009)
- HRN EN 13451-1:2012
Oprema za bazene – 1. dio: Opći sigurnosni zahtjevi i metode ispitivanja (EN 13451-1:2011)
Swimming pool equipment – Part 1: General safety requirements and test methods (EN 13451-1:2011)
- HRN EN ISO 8936:2009
Tende za kampere – Zahtjevi i metode ispitivanja (ISO 8936:2007; EN ISO 8936:2009)
Awnings for leisure accommodation vehicles – Requirements and test methods (ISO 8936:2007; EN ISO 8936:2009)
- HRN EN 12572-2:2009
Umjetne penjačke strukture – 2. dio: Sigurnosni zahtjevi i metode ispitivanja za zidove sa stijenama (bouldering) (EN 12572-2:2008)
Artificial climbing structures – Part 2: Safety requirements and test methods for bouldering walls (EN 12572-2:2008)
- HRN EN 12572-3:2009
Umjetne penjačke strukture – 3. dio: Sigurnosni zahtjevi i metode ispitivanja za oslonce za penjanje (EN 12572-3:2008)
Artificial climbing structures – Part 3: Safety requirements and test methods for climbing holds (EN 12572-3:2008)
- HRN EN 13613:2009
Sportska oprema za koturaljkanje – Skejtbordevi – Sigurnosni zahtjevi i metode ispitivanja (EN 13613:2009)
Roller sports equipment – Skateboards – Safety requirements and test methods (EN 13613:2009)
- HRN EN 13843:2009
Sportska oprema za koturaljkanje – Jednoredne (inline) role – Sigurnosni zahtjevi i metode ispitivanja (EN 13843:2009)
Roller sports equipment – Inline-skates – Safety requirements and test methods (EN 13843:2009)

- HRN EN 15638:2009
Klizaljke – Sigurnosni zahtjevi i metode ispitivanja (EN 15638:2009)
Ice skates – Safety requirements and test methods (EN 15638:2009)
- HRN EN 15288-1:2010
Bazeni – 1. dio: Sigurnosni zahtjevi za projektiranje (EN 15288-1:2008+A1:2010)
Swimming pools – Part 1: Safety requirements for design (EN 15288-1:2008+A1:2010)
- HRN EN 15312:2011
Slobodno dostupna višenamjenska oprema za sport – Zahtjevi, uključujući sigurnost i metode ispitivanja (EN 15312:2007+A1:2010)
Free access multi-sports equipment – Requirements, including safety and test methods (EN 15312:2007+A1:2010)

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

- HRN EN 15744:2009
Identifikacija filma – Minimalni set metapodataka za kinematografska djela (EN 15744:2009)
Film identification – Minimum set of metadata for cinematographic works (EN 15744:2009)
- HRI CR 12471:2010
Provjeravanje otpuštanja nikla iz legura i prevlaka u predmetima koji dolaze u izravan i dulji kontakt s kožom (CR 12471:2002)
Screening tests for nickel release from alloys and coatings in items that come into direct and prolonged contact with the skin (CR 12471:2002)
- HRI CEN/TR 13833:2010
Kvalfikacije za građevinska poduzeća (CEN/TR 13833:2003)
Qualification of construction enterprises (CEN/TR 13833:2003)
- HRI CEN/TR 14547:2010
Sheme uzorkovanja za ocjenjivanje sukladnosti finoće predmeta od dragocjenih metala od treće strane (CEN/TR 14547:2005)
Sampling schemes for third party conformity assessment of fineness in precious metal articles (CEN/TR 14547:2005)
- HRN EN 15733:2010
Usluge agenata posredovanja u prometu nekretnina – Zahtjevi za pružanje usluga agenata posredovanja u prometu nekretnina (EN 15733:2009)
Services of real estate agents – Requirements for the provision of services of real estate agents (EN 15733:2009)
- HRN EN 15838:2010
Centri za korisnike – Zahtjevi za pružanje usluga (EN 15838:2009)
Customer contact centres – Requirements for service provision (EN 15838:2009)
- HRS CEN/TS 99001:2010
Poslovna podrška – Usluge podrške za male poduzetnike – Nazivlje, kvaliteta i izvedba (CEN/TS 99001:2008)
Business support – Support services provided to small enterprises – Terminology, quality and performance (CEN/TS 99001:2008)
- HRN EN 15707:2009
Pregledi tiskovina – Terminološki rječnik i zahtjevi za usluge (EN 15707:2008)
Print media surveys – Vocabulary and service requirements (EN 15707:2008)
- HRN EN 1904:2008
Dragocjeni metali – Čistoća legura upotrijebljenih u nakitu od legura dragocjenih metala (EN 1904:2000)
Precious metals – The finenesses of solders used with precious metal jewellery alloys (EN 1904:2000)
- HRN EN 1929-1:2008
Kolica za kupovinu – 1. dio : Zahtjevi i ispitivanja za kolica za kupovinu s mogućnosti prevoženja djeteta ili bez nje (EN 1929-1:1998)
Basket trolleys – Part 1: Requirements and tests for basket trolleys with or without a child carrying facility (EN 1929-1:1998)
- HRN EN 1929-2:2008
Kolica za kupovinu – 2. dio: Zahtjevi, ispitivanja i kontrola kolica za kupovinu s mogućnosti prevoženja djeteta ili bez nje namijenjenih za uporabu na pokretnim putničkim trakama (EN 1929-2:2004)
Basket trolleys – Part 2: Requirements, tests and inspection for basket trolleys with or without a child carrying facility, intended to be used on passenger conveyors (EN 1929-2:2004)
- HRN EN 1929-3:2008
Kolica za kupovinu – 3. dio: Zahtjevi i ispitivanja kolica za kupovinu s dodacima za prijenos tereta i mogućnosti prevoženja djeteta ili bez nje (EN 1929-3:2005)
Basket trolleys – Part 3: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility (EN 1929-3:2005)
- HRN EN 1929-4:2008
Kolica za kupovinu – 4. dio: Zahtjevi i ispitivanja kolica za kupovinu s dodacima za prijenos tereta i mogućnosti prevoženja djeteta ili bez nje namijenjenih za uporabu na pokretnim putničkim trakama (EN 1929-4:2005)
Basket trolleys – Part 4: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors (EN 1929-4:2005)
- HRN EN 1929-7:2008
Kolica za kupovinu – 7. dio: Zahtjevi i ispitivanja kolica za kupovinu s mogućnosti prevoženja dojenčadi i djece (EN 1929-7:2005)
Basket trolleys – Part 7: Requirements and tests for basket trolleys with baby and child carrying facilities (EN 1929-7:2005)
- HRN EN ISO 11210:2008
Utvrđivanje platine u nakitu od legura platine – Gravimetrijska metoda nakon taloženja diamonijevog heksakloroplatinata (ISO 11210:1995; EN ISO 11210:1995)
Determination of platinum in platinum jewellery alloys – Gravimetric method after precipitation of diammonium hexachloroplatinate (ISO 11210:1995; EN ISO 11210:1995)
- HRN EN ISO 11426:2008
Utvrđivanje zlata u nakitu od legura zlata – Metoda kupelacije (analiza vatrom) (ISO 11426:1997; EN ISO 11426:1998)
Determination of gold in gold jewellery alloys – Cupellation method (fire assay) (ISO 11426:1997; EN ISO 11426:1998)
- HRN EN ISO 11489:2008
Utvrđivanje platine u nakitu od legura platine – Gravimetrijska metoda nakon taloženja sa živinim (I) kloridom (ISO 11489:1995; EN ISO 11489:1995)
Determination of platinum in platinum jewellery alloys – Gravimetric method after reduction with mercury(I) chloride (ISO 11489:1995; EN ISO 11489:1995)

- HRN EN ISO 11490:2008
Utvrđivanje paladija u nakitu od legura paladija – Gravimetrijska metoda s dimetilglioksimom (ISO 11490:1995; EN ISO 11490:1995)
Determination of palladium in palladium jewellery alloys – Gravimetric method with dimethyl glyoxime (ISO 11490:1995; EN ISO 11490:1995)
- HRN EN 12526:2008
Kotačići i kotači – Terminološki rječnik, preporučeni simboli i višejezični rječnik (EN 12526:1998)
Castors and wheels – Vocabulary, recommended symbols and multilingual dictionary (EN 12526:1998)
- HRN EN 12527:2008
Kotačići i kotači – Metode ispitivanja i uređaji (EN 12527:1998)
Castors and wheels – Test methods and apparatus (EN 12527:1998)
- HRN EN 12528:2008
Kotačići i kotači – Kotačići za namještaj – Zahtjevi (EN 12528:1998)
Castors and wheels – Castors for furniture – Requirements (EN 12528:1998)
- HRN EN 12529:2008
Kotačići i kotači – Kotačići za namješaj – Kotačići za stolice koje se okreću – Zahtjevi (EN 12529:1998)
Castors and wheels – Castors for furniture – Castors for swivel chairs – Requirements (EN 12529:1998)
- HRN EN 12530:2008
Kotačići i kotači – Kotačići i kotači za ručno navođene institucionalne aplikacije (EN 12530:1998)
Castors and wheels – Castors and wheels for manually propelled institutional applications (EN 12530:1998)
- HRN EN 12531:2008
Kotačići i kotači – Kotačići bolničkih kreveta (EN 12531:1998)
Castors and wheels – Hospital Bed Castors (EN 12531:1998)
- HRN EN 12532:2008
Kotačići i kotači – Kotačići i kotači za primjenu do 1,1 m/s (4 km/h) (EN 12532:1998)
Castors and wheels – Castors and wheels for applications up to 1,1 m/s (4 km/h) (EN 12532:1998)
- HRN EN 12533:2008
Kotačići i kotači – Kotačići i kotačići za primjenu preko 1,1 m/s (4 km/h) i do 4,4 m/s (16 km/h) (EN 12533:1998)
Castors and wheels – Castors and wheels for applications over 1,1 m/s (4 km/h) and up to 4,4 m/s (16 km/h) (EN 12533:1998)
- HRN EN 15426:2008
Svijeće – Specifikacija za ponašanje čađe (EN 15426:2007)
Candles – Specification for sooting behaviour (EN 15426:2007)
- HRN EN 15493:2008
Svijeće – Specifikacija za sigurnost od požara (EN 15493:2007)
Candles – Specification for fire safety (EN 15493:2007)
- HRN EN 15494:2008
Svijeće – Oznake sigurnosti proizvoda (EN 15494:2007)
Candles – Product safety labels (EN 15494:2007)
- HRN EN 15602:2008
Pružatelji zaštitarskih usluga – Nazivlje (EN 15602:2008)
Security service providers – Terminology (EN 15602:2008)
- HRN EN 28653:2008
Nakit – Veličine prstenova – Definicija, mjerenje i označavanje (ISO 8653:1986; EN 28653:1992)
Jewellery – Ring-sizes – Definition, measurement and designation (ISO 8653:1986; EN 28653:1992)
- HRN EN 28654:2008
Boje legura zlata – Definicija, raspon boja i označavanje (ISO 8654:1987; EN 28654:1992)
Colours of gold alloys – Definition, range of colours and designation (ISO 8654:1987; EN 28654:1992)
- HRN EN 29202:2008
Nakit – Finoća legura plemenitih metala (ISO 9202:1991; EN 29202:1992)
Jewellery – Fineness of precious metal alloys (ISO 9202:1991; EN 29202:1992)
- HRN EN 31427:2008
Utvrđivanje srebra u legurama srebrnog nakita – Volumetrijska (potenciometrijska) metoda uporabom kalij bromida (ISO 11427:1993+Cor 1:1994; EN 31427:1994+AC:1994)
Determination of silver in silver jewellery alloys – Volumetric (potentiometric) method using potassium bromide (ISO 11427:1993+Cor 1:1994; EN 31427:1994+AC:1994)
- HRN EN 14975:2011
Tavanske ljestve – Zahtjevi, označavanje i ispitivanje (EN 14975:2006+A1:2010)
Loft ladders – Requirements, marking and testing (EN 14975:2006+A1:2010)
- HRN EN 15907:2011
Identifikacija filma – Jačanje interoperabilnosti metapodataka – Setovi i strukture elemenata (EN 15907:2010)
Film identification – Enhancing interoperability of metadata – Element sets and structures (EN 15907:2010)
- HRN EN 15927:2011
Usluge koje pruža stručnjak za slušna pomagala (EN 15927:2010)
Services offered by hearing aid professionals (EN 15927:2010)
- HRN EN 16310:2013
Inženjerske usluge – Nazivlje za opisivanje inženjerskih usluga za građenje, infrastrukturu i industrijske objekte (EN 16310:2013)
Engineering services – Terminology to describe engineering services for buildings, infrastructure and industrial facilities (EN 16310:2013)
- HRN EN 16311:2013
Inženjerske usluge – Nazivlje za opisivanje inženjerskih usluga za industrijske proizvode (EN 16311:2013)
Engineering services – Terminology to describe engineering services for industrial products (EN 16311:2013)
- HRN EN 15017:2008
Pogrebne usluge – Zahtjevi (EN 15017:2005)
Funeral Services – Requirements (EN 15017:2005)

HZN/TU F1, Osnovne norme 1

- HRN EN ISO/IEC 19788-1:2013
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci sredstava za učenje – 1. dio: Okvir (ISO/IEC 19788-1:2011; 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 19788-1:2012)

HRN EN ISO/IEC 19788-2:2013
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci sredstava za učenje – 2. dio: Elementi Dublin Core sustava (ISO/IEC 19788-2:2011; 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; EN ISO/IEC 19788-2:2012)

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

HRN EN 15933:2013
Muljevi, obrađeni biootpad i tlo – Određivanje pH (EN 15933:2012)
Sludge, treated biowaste and soil – Determination of pH (EN 15933:2012)

HRN EN 15934:2013
Muljevi, obrađeni biootpad, tlo i otpad – Izračunavanje frakcije suhe tvari nakon određivanja suhog ostatka ili sadržaja vode (EN 15934:2012)
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
Muljevi, obrađeni biootpad, tlo i otpad – Određivanje gubitka žarenjem (EN 15935:2012)
Sludge, treated biowaste, soil and waste – Determination of loss on ignition (EN 15935:2012)

HRN EN 15936:2013
Muljevi, obrađeni biootpad, tlo i otpad – Određivanje ukupnoga organskog ugljika (TOC) suhim spaljivanjem (EN 15936:2012)
Sludge, treated biowaste, soil and waste – Determination of total organic carbon (TOC) by dry combustion (EN 15936:2012)

HRN EN 16166:2013
Muljevi, obrađeni biootpad i tlo – Određivanje adsorbiranih organski vezanih halogena (AOX) (EN 16166:2012)
Sludge, treated biowaste and soil – Determination of adsorbable organically bound halogens (AOX) (EN 16166:2012)

HRN EN 16167:2013
Muljevi, obrađeni biootpad i tlo – Određivanje polikloriranih bifenila (PCB) metodom plinske kromatografije/spektrometrijom mase (GC-MS) i plinskom kromatografijom uz detekciju detektorom na zahvat elektrona (GC-ECD) (EN 16167:2012)
Sludge, treated biowaste and soil – Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD) (EN 16167:2012)

HRN EN 16168:2013
Muljevi, obrađeni biootpad i tlo – Određivanje ukupnog dušika metodom suhog spaljivanja (EN 16168:2012)
Sludge, treated biowaste and soil – Determination of total nitrogen using dry combustion method (EN 16168:2012)

HRN EN 16169:2013
Muljevi, obrađeni biootpad i tlo – Određivanje dušika po Kjeldahlu (EN 16169:2012)
Sludge, treated biowaste and soil – Determination of Kjeldahl nitrogen (EN 16169:2012)

HRN EN 16173:2013
Muljevi, obrađeni biootpad i tlo – Razgradnja frakcija elemenata topljivih u dušičnoj kiselini (EN 16173:2012)
Sludge, treated biowaste and soil – Digestion of nitric acid soluble fractions of elements (EN 16173:2012)

HRN EN 16174:2013
Muljevi, obrađeni biootpad i tlo – Razgradnja frakcija elemenata topljivih u zlatotopci (EN 16174:2012)
Sludge, treated biowaste and soil – Digestion of aqua regia soluble fractions of elements (EN 16174:2012)

HRS CEN/TS 16177:2012
Muljevi, obrađeni biootpad i tlo – Određivanje ekstrakcijom izlučivih amonijaka, nitrata i nitrita (CEN/TS 16177:2012)
Sludge, treated biowaste and soil – Extraction for the determination of extractable ammonia, nitrate and nitrite (CEN/TS 16177:2012)

HRS CEN/TS 16178:2012
Muljevi, obrađeni biootpad i tlo – Određivanje ostataka farmaceutskih proizvoda (CEN/TS 16178:2012)
Sludge, treated biowaste and soil – Determination of pharmaceutical products (CEN/TS 16178:2012)

HRN EN 16179:2013
Muljevi, obrađeni biootpad i tlo – Upute za pripremu uzoraka (EN 16179:2012)
Sludge, treated biowaste and soil – Guidance for sample pretreatment (EN 16179:2012)

HRS CEN/TS 16182:2012
Muljevi, obrađeni biootpad i tlo – Određivanje nonilfenola (NP) te nonilfenol-mono etoksilata i dietoksilata uporabom plinske kromatografije s detekcijom masenom spektrometrijom (GC-MS) (CEN/TS 16182:2012)
Sludge treated biowaste and soil – Determination of nonylphenols (NP) and nonylphenol-mono- and diethoxylates using gas chromatography with mass selective detection (GC-MS) (CEN/TS 16182:2012)

HRS CEN/TS 16183:2012
Muljevi, obrađeni biootpad i tlo – Određivanje odabranih ftalata uporabom kapilarne plinske kromatografije s detekcijom masenim spektrometrom (GC-MS) (CEN/TS 16183:2012)
Sludge, treated biowaste and soil – Determination of selected phthalates using capillary gas chromatography with mass spectrometric detection (GC-MS) (CEN/TS 16183:2012)

HRS CEN/TS 16188:2012
Muljevi, obrađeni biootpad i tlo – Određivanje elemenata razgradnjom sa zlatotopkom i dušičnom kiselinom – Metoda plamene atomske apsorpcijske spektrometrije (FAAS) (CEN/TS 16188:2012)
Sludge, treated biowaste and soil – Determination of elements in aqua regia and nitric acid digests – Flame atomic absorption spectrometry method (FAAS) (CEN/TS 16188:2012)

HRS CEN/TS 16189:2012
Muljevi, obrađeni biootpad i tlo – Određivanje linearnih alkilbenzen sulfonata (LAS) metodom tekućinske kromatografije visokog učinka (HPLC) s fluorescentnom detekcijom (FLD) ili detekcija masenom spektrometrijom (MS) (CEN/TS 16189:2012)
Sludge, treated biowaste and soil – Determination of linear alkylbenzene sulfonates (LAS) by high-performance liquid chromatography (HPLC) with fluorescence detection (FLD) or mass selective detection (MS) (CEN/TS 16189:2012)

HRS CEN/TS 16190:2012
Muljevi, obrađeni biootpad i tlo – Određivanje dioksina i furana i dioksinu sličnih polikloriranih bifenila plinskom kromatografijom s visoko rezolucijskom detekcijom masenim spektrometrom (HR GC-MS) (CEN/TS 16190:2012)
Sludge, treated biowaste and soil – Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high resolution mass selective detection (HR GC-MS) (CEN/TS 16190:2012)

1.10 Prijevodi hrvatskih normativnih dokumenata

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

Sljedeća hrvatska tehnička specifikacija objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

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

HZN/TO 523, *Humanitarno razminiranje*

Sljedeća izvorna hrvatska norma objavljena na hrvatskome jeziku sada je dostupna i na engleskome jeziku:

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

HZN/TO 546, *Očuvanje kulturne baštine*

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN 15898:2012 hr-en pr-pp
Očuvanje kulturnog dobra – Osnovno nazivlje i
definicije (EN 15898:2011)
Conservation of cultural property – Main general terms
and definitions (EN 15898:2011)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.03 Usluge. Ustrojstvo poduzeća, upravljanje i kvaliteta. Administracija. Prijevoz. Sociologija. (Rječnici)

Međunarodna normizacija IEC

IEC 60050-902:2013-11
International electrotechnical vocabulary – Part 902:
Conformity assessment

01.040.17 Mjeriteljstvo i mjerenje. Fizikalne pojave (Rječnici)

Europska normizacija CEN

EN 10049:2013-11
Measurement of roughness average Ra and peak
count R_{Pc} on metallic flat products

01.040.19 Ispitivanje (Rječnici)

Međunarodna normizacija ISO

ISO 10878:2013-10
Non-destructive testing – Infrared thermography –
Vocabulary

01.040.29 Elektrotehnika (Rječnici)

Međunarodna normizacija IEC

IEC 60050-351:2013-11
International Electrotechnical Vocabulary – Part 351:
Control technology

IEC 60050-902:2013-11
International electrotechnical vocabulary – Part 902:
Conformity assessment

IEC 60050-903:2013-06
International electrotechnical vocabulary – Part 903:
Risk assessment

01.040.35 Informacijska tehnologija. Uredski strojevi (Rječnici)

Međunarodna normizacija ISO

ISO/IEC 2382-36:2013-11
Information technology – Vocabulary – Part 36:
Learning, education and training

IEC

IEC 60050-351:2013-11
International Electrotechnical Vocabulary – Part 351:
Control technology

01.040.59 Tekstilna i kožna tehnologija (Rječnici)

Međunarodna normizacija ISO

ISO 21485:2013-10
Textile machinery – Draw frame for cotton spinning –
Vocabulary and principles of construction

01.040.71 Kemijska tehnologija (Rječnici)

Europska normizacija CEN

EN ISO 9235:2013-12
Aromatic natural raw materials – Vocabulary
(ISO 9235:2013)

Međunarodna normizacija ISO

ISO 18115-1:2013-11
Surface chemical analysis – Vocabulary – Part 1:
General terms and terms used in spectroscopy

ISO 18115-2:2013-11
Surface chemical analysis – Vocabulary – Part 2: Terms
used in scanning-probe microscopy

01.040.77 Metalurgija (Rječnici)

ISO

ISO 6929:2013-11
Steel products – Vocabulary

01.040.79 Drvena tehnologija (Rječnici)

Međunarodna normizacija ISO

ISO 8965:2013-10
Logging industry – Technology – Terms and definitions

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Međunarodna normizacija ISO

ISO/TR 21932:2013-11
Sustainability in buildings and civil engineering works –
A review of terminology

01.120 Normizacija. Opća pravila

Europska normizacija CEN

CEN-CENELEC Guide 23:2013-11
Consortium bridge – Adoption of third-party
specifications as European Standardization
Publications

Međunarodna normizacija IEC

IEC 60050-901:2013-11
International electrotechnical vocabulary – Part 901:
Standardization

01.140.30 Dokumenti u upravi, trgovini i industriji

Međunarodna normizacija ISO

- ISO 3166-1:2013-11
Codes for the representation of names of countries and their subdivisions – Part 1: Country codes
- ISO 3166-2:2013-11
Codes for the representation of names of countries and their subdivisions – Part 2: Country subdivision code
- ISO 3166-3:2013-11
Codes for the representation of names of countries and their subdivisions – Part 3: Code for formerly used names of countries

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Međunarodna normizacija ISO

- ISO/TR 31004:2013-10
Risk management – Guidance for the implementation of ISO 31000

03.100.30 Upravljanje ljudskim resursima

Europska normizacija CEN

- EN ISO/IEC 19788-3:2013-11
Information technology – Learning, education and training – Metadata for learning resources – Part 3: Basic application profile (ISO/IEC 19788-3:2011)

03.120.10 Upravljanje kvalitetom i osiguravanje kvalitete

Međunarodna normizacija ISO

- ISO/IEC TR 90006:2013-11
Information technology – Guidelines for the application of ISO 9001:2008 in local government

IEC

- IEC 62198:2013-11
Managing risk in projects – Application guidelines

03.120.20 Certificiranje proizvoda i tvrtki. Ocjenjivanje sukladnosti

Međunarodna normizacija IEC

- IEC 60050-902:2013-11
International electrotechnical vocabulary – Part 902: Conformity assessment

03.120.30 Primjena statističkih metoda

Europska normizacija CEN

- CEN/TR 10345:2013-12
Guideline for statistical data treatment of inter laboratory tests for validation of analytical methods

03.160 Pravosuđe. Uprava

Europska normizacija CEN

- EN 419211-3:2013-10
Protection profiles for secure signature creation device – Part 3: Device with key import
- EN 419211-4:2013-11
Protection profiles for secure signature creation device – Part 4: Extension for device with key generation and trusted channel to certificate generation application
- EN 419211-5:2013-12
Protection profiles for secure signature creation device – Part 5: Extension for device with key generation and trusted channel to signature creation application

03.220.20 Cestovni prijevoz

Europska normizacija CEN

- EN ISO 14819-1:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 1: Coding protocol for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-1:2013)
- EN ISO 14819-2:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 2: Event and information codes for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2013)
- EN ISO 14819-3:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 3: Location referencing for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-3:2013)

Međunarodna normizacija ISO

- ISO 14819-1:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 1: Coding protocol for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C
- ISO 14819-2:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 2: Event and information codes for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C
- ISO 14819-3:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 3: Location referencing for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C

03.220.30 Željeznički prijevoz

Europska normizacija CENELEC

- EN 62625-1:2013-11
Electronic railway equipment – On board driving data recording system – Part 1: System specification (IEC 62625-1:2013)

07.100.20 Mikrobiologija vode

Međunarodna normizacija ISO

- ISO 14189:2013-11
Water quality – Enumeration of Clostridium
perfringens – Method using membrane filtration

11.040.01 Medicinska oprema općenito

Međunarodna normizacija IEC

- IEC 60601-1-10 AMD 1:2013-11
Medical electrical equipment – Part 1-10: General
requirements for basic safety and essential
performance – Collateral Standard: Requirements for
the development of physiologic closed-loop controllers;
Amendment 1
- IEC 60601-1-10 Edition 1.1:2013-11
Medical electrical equipment – Part 1-10: General
requirements for basic safety and essential
performance – Collateral Standard: Requirements for
the development of physiologic closed-loop controllers

11.020 Medicinska znanost i sredstva za zdravstvenu zaštitu općenito

Međunarodna normizacija ISO

- ISO/ASTM 51939:2013-10
Practice for blood irradiation dosimetry

11.040.01 Medicinska oprema općenito

Međunarodna normizacija IEC

- IEC 60601-1-6 AMD 1:2013-10
Amendment 1 to IEC 60601-1-6: Medical electrical
equipment – Part 1-6: General requirements for basic
safety and essential performance – Collateral standard:
Usability
- IEC 60601-1-6 Edition 1.1:2013-11
Medical electrical equipment – General requirements
for basic safety and essential performance – Collateral
Standard: Usability

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

- ISO 16087:2013-10
Implants for surgery – Roentgen stereophotogrammetric
analysis for the assessment of migration of orthopaedic
implants
- ISO 7206-6:2013-11
Implants for surgery – Partial and total hip joint
prostheses – Part 6: Endurance properties testing and
performance requirements of neck region of stemmed
femoral components

11.040.50 Radiografska oprema

Europska normizacija CENELEC

- EN 61675-1
Bildgebende Systeme in der Nuklearmedizin –
Merkmale und Prüfbedingungen – Teil 1: Positronen-
Emissions-Tomographen (IEC 61675-1:2013)

Međunarodna normizacija IEC

- IEC 60601-2-17:2013-11
Medical electrical equipment – Part 2-17: Particular
requirements for the basic safety and essential
performance of automatically- controlled brachytherapy
afterloading equipment

11.040.55 Dijagnostička oprema

Međunarodna normizacija IEC

- IEC 60601-2-41 AMD 1:2013-10
Medical electrical equipment – Part 2-41: Particular
requirements for basic safety and essential performance
of surgical luminaires and luminaires for diagnosis
- IEC 60601-2-41 Edition 2.1:2013-10
Medical electrical equipment – Part 2-41: Particular
requirements for basic safety and essential performance
of surgical luminaires and luminaires for diagnosis

11.040.70 Oftalmološka oprema

Europska normizacija CEN

- EN ISO 14889:2013-10
Ophthalmic optics – Spectacle lenses –
Fundamental requirements for uncut finished lenses
(ISO 14889:2013)

Međunarodna normizacija ISO

- ISO 8980-3:2013-10
Ophthalmic optics – Uncut finished spectacle lenses –
Part 3: Transmittance specifications and test methods

11.060.10 Stomatološki materijali

Europska normizacija CEN

- EN ISO 17304:2013-12
Dentistry – Polymerization shrinkage: Method for
determination of polymerization shrinkage of polymer-
based restorative materials (ISO 17304:2013)

Međunarodna normizacija ISO

- ISO 17304:2013-12
Dentistry – Polymerization shrinkage: Method for
determination of polymerization shrinkage of polymer-
based restorative materials

11.080.20 Dezinficijensi i antiseptici

Europska normizacija

CEN

EN 13727+A1:2013-11

Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of bactericidal activity in the medical area – Test method and requirements (phase 2, step 1)

11.140 Bolnička oprema

Međunarodna normizacija

IEC

IEC 60601-2-41 AMD 1:2013-10

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

IEC 60601-2-41 Edition 2.1:2013-10

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

11.180.10 Pomagala i prilagodbe za kretanje

Europska normizacija

CEN

CWA 16697:2013-10

Car-Adaptations for Disabled Drivers – Requirements, test methods and best practise guidelines

11.180.30 Pomagala za slijepe ili slabovidne osobe

Međunarodna normizacija

ISO

ISO 17049:2013-10

Accessible design – Application of braille on signage, equipment and appliances

13.040.20 Atmosfera okoliša

Europska normizacija

CEN

EN 16402:2013-10

Paints and varnishes – Assessment of emissions of substances from coatings into indoor air – Sampling, conditioning and testing

13.040.30 Atmosfera u radnome prostoru

Europska normizacija

CEN

EN ISO 13137:2013-10

Workplace atmospheres – Pumps for personal sampling of chemical and biological agents – Requirements and test methods (ISO 13137:2013)

EN 15051-1:2013-11

Workplace exposure – Measurement of the dustiness of bulk materials – Part 1: Requirements and choice of test methods

EN 15051-2:2013-11

Workplace exposure – Measurement of the dustiness of bulk materials – Part 2: Rotating drum method

EN 15051-3:2013-11

Workplace exposure – Measurement of the dustiness of bulk materials – Part 3: Continuous drop method

13.040.40 Ispuštanja iz nepomičnih izvora

Europska normizacija

CENELEC

EN 1948-4+A1:2013-12

Stationary source emissions – Determination of the mass concentration of PCDDs/PCDFs and dioxin-like PCBs – Part 4: Sampling and analysis of dioxin-like PCBs

13.060.60 Ispitivanje fizikalnih svojstava vode

Međunarodna normizacija

ISO

ISO 13163:2013-10

Water quality – Lead-210 – Test method using liquid scintillation counting

13.080.01 Kvaliteta tla i pedologija općenito

Međunarodna normizacija

ISO

ISO 18589-7:2013-10

Measurement of radioactivity in the environment – Soil – Part 7: In situ measurement of gamma-emitting radionuclides

13.080.10 Kemijske značajke tla

Međunarodna normizacija

ISO

ISO 13876:2013-11

Soil quality – Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)

ISO 13914:2013-12

Soil quality – Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high-resolution mass selective detection (GC/HRMS)

ISO 16729:2013-11

Soil quality – Digestion of nitric acid soluble fractions of elements

13.110 Sigurnost strojeva

Međunarodna normizacija

ISO

ISO 14119:2013-10

Safety of machinery – Interlocking devices associated with guards – Principles for design and selection

13.120 Sigurnost u kućanstvu

Europska normizacija CENELEC

EN 60335-2-7/A11:2013-10
Household and similar electrical appliances – Part 2-7:
Particular requirements for washing machines

13.140 Utjecaj buke na ljude

Međunarodna normizacija ISO

ISO 1999:2013-10
Acoustics – Estimation of noise-induced hearing loss

13.180 Ergonomija

Europska normizacija

EN ISO 11064-4:2013-11
Ergonomic design of control centres – Part 4: Layout
and dimensions of workstations (ISO 11064-4:2013)

Međunarodna normizacija ISO

ISO 17049:2013-10
Accessible design – Application of braille on signage,
equipment and appliances

ISO 11064-4:2013-11
Ergonomic design of control centres – Part 4: Layout
and dimensions of workstations

13.220.01 Zaštita od požara općenito

Međunarodna normizacija ISO

ISO/TR 16730-4:2013-11
Fire safety engineering – Assessment, verification and
validation of calculation methods – Part 4: Example of
a structural model

13.220.20 Zaštita od požara

Europska normizacija CEN

EN 50553/AC:2013-10
Railway applications – Requirements for running
capability in case of fire on board of rolling stock

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Međunarodna normizacija IEC

IEC 60695-1-40:2013-11
Fire hazard testing – Part 1-40: Guidance for assessing
the fire hazard of electrotechnical products – Insulating
liquids

IEC 60754-1 Corrigendum 1:2013-11
Test on gases evolved during combustion of materials
from cables – Part 1: Determination of the halogen acid
gas content; Corrigendum 1

13.220.50 Vatrootpornost građevnih materijala i elemenata

Međunarodna normizacija ISO

ISO 12468-1:2013-11
External exposure of roofs to fire – Part 1: Test method

13.280 Zaštita od zračenja

Europska normizacija CEN

EN 50413/A1:2013-10
Basic standard on measurement and calculation
procedures for human exposure to electric, magnetic
and electromagnetic fields (0 Hz – 300 GHz)

13.300 Zaštita od opasnih tvari

Europska normizacija CEN

EN 14025:2013-10
Tanks for the transport of dangerous goods – Metallic
pressure tanks – Design and construction

13.310 Zaštita od kriminala

Europska normizacija CEN

EN 1300:2013-11
Secure storage units – Classification for high security
locks according to their resistance to unauthorized
opening

Međunarodna normizacija IEC

IEC 62676-1-1:2013-10
Video surveillance systems for use in security
applications – Part 1-1: System requirements – General

IEC 62676-1-2:2013-10
Video surveillance systems for use in security
applications – Part 1-2: System requirements –
Performance requirements for video transmission

IEC 62676-2-1:2013-11
Video surveillance systems for use in security
applications – Part 2-1: Video transmission protocols –
General requirements

IEC 62676-2-2:2013-11
Video surveillance systems for use in security
applications – Part 2-2: Video transmission protocols –
IP interoperability implementation based on HTTP and
REST services

IEC 62676-2-3:2013-11
Video surveillance systems for use in security
applications – Part 2-3: Video transmission protocols –
IP interoperability implementation based on WEB services

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija CENELEC

EN 50518-1
Alarmempfängsstelle (AES) – Teil 1: Örtliche und
bauliche Anforderungen

- EN 50518-2
Alarmempfangsstelle (AES) – Teil 2: Technische Anforderungen
- EN 50518-3
Alarmempfangsstelle (AES) – Teil 3: Abläufe und Anforderungen an den Betrieb
- EN 60839-11-1/AC:2013-11
Alarm and electronic security systems – Part 11-1: Electronic access control systems – System and components requirements; Corrigendum

13.340.10 Zaštitna odjeća

Međunarodna normizacija ISO

- ISO 17491-5:2013-11
Protective clothing – Test methods for clothing providing protection against chemicals – Part 5: Determination of resistance to penetration by a spray of liquid (manikin spray test)

13.340.30 Uređaji za zaštitu dišnih organa

Međunarodna normizacija ISO

- ISO 16900-11:2013-10
Respiratory protective devices – Methods of test and test equipment – Part 11: Determination of field of vision

13.340.40 Zaštita ruku i šaka

Europska normizacija CEN

- EN 374-4:2013-11
Protective gloves against chemicals and micro-organisms – Part 4: Determination of resistance to degradation by chemicals

13.340.50 Zaštitna obuća

Europska normizacija CEN

- EN ISO 17249:2013-11
Safety footwear with resistance to chain saw cutting (ISO 17249:2013)

Međunarodna normizacija ISO

- ISO 17249:2013-11
Safety footwear with resistance to chain saw cutting

17.020 Mjeriteljstvo i mjerenje općenito

Europska normizacija CEN

- CEN/TR 10345:2013-12
Guideline for statistical data treatment of inter laboratory tests for validation of analytical methods

17.040.20 Svojstva površina

Europska normizacija CEN

- EN 10049:2013-11
Measurement of roughness average Ra and peak count R_{Pc} on metallic flat products

17.040.30 Mjerni instrumenti

Europska normizacija CEN

- EN ISO 10360-8:2013-12
Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 8: CMMs with optical distance sensors (ISO 10360-8:2013)

Međunarodna normizacija ISO

- ISO 25178-603:2013-10
Geometrical product specifications (GPS) – Surface texture: Areal – Part 603: Nominal characteristics of non-contact (phase-shifting interferometric microscopy) instruments
- ISO 10360-8:2013-12
Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 8: CMMs with optical distance sensors
- ISO 16239:2013-11
Metric series wires for measuring screw threads

17.120.20 Protok u otvorenim kanalima

Europska normizacija CEN

- EN ISO 18365:2013-12
Hydrometry – Selection, establishment and operation of a gauging station (ISO 18365:2013)

17.140.50 Elektroakustika

Europska normizacija CENELEC

- EN 50332-1
Elektroakustische Geräte: Kopfhörer und Ohrhörer in Verbindung mit tragbaren Audiogeräten – Verfahren zur Messung des maximalen Schalldruckpegels und Angaben zu Grenzwerten – Teil 1: Allgemeines Verfahren für Original-Geräte-Sets
- EN 61672-1
Elektroakustik – Schallpegelmesser – Teil 1: Anforderungen (IEC 61672-1:2013)
- EN 61672-2
Elektroakustik – Schallpegelmesser – Teil 2: Baumusterprüfung (IEC 61672-2:2013)
- EN 61672-3
Elektroakustik – Schallpegelmesser – Teil 3: Periodische Einzelprüfung (IEC 61672-3:2013)

Međunarodna normizacija IEC

IEC 62555:2013-11
Ultrasonics – Power measurement – High intensity therapeutic ultrasound (HITU) transducers and systems

17.200.20 Mjerni instrumenti za mjerenje temperature

Europska normizacija CENELEC

EN 60584-1
Thermoelemente – Teil 1: Thermospannungen und Grenzabweichungen (IEC 60584-1:2013)

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija CENELEC

EN 50413/A1:2013-10
Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz – 300 GHz)

Međunarodna normizacija IEC

IEC 61010-1 Corrigendum 2:2013-10
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements; Corrigendum 2

17.240 Mjerenja zračenja

Međunarodna normizacija ISO

ISO 13163:2013-10
Water quality – Lead-210 – Test method using liquid scintillation counting

ISO 18589-7:2013-10
Measurement of radioactivity in the environment – Soil – Part 7: In situ measurement of gamma-emitting radionuclides

ISO/ASTM 51539:2013-10
Guide for use of radiation-sensitive indicators

ISO/ASTM 51939:2013-10
Practice for blood irradiation dosimetry

ISO/ASTM 51401:2013-11
Practice for use of a dichromate dosimetry system

ISO/ASTM 51956:2013-11
Practice for use of a thermoluminescence-dosimetry system (TLD system) for radiation processing

19.040 Ispitivanje utjecaja okoliša

Međunarodna normizacija IEC

IEC 60068-1:2013-10
Environmental testing – Part 1: General and guidance

19.100 Nerazorna ispitivanja

Europska normizacija CEN

EN 12668-3:2013-11
Non-destructive testing – Characterization and verification of ultrasonic examination equipment – Part 3: Combined equipment

EN 15317:2013-11
Non-destructive testing – Ultrasonic testing – Characterization and verification of ultrasonic thickness measuring equipment

EN ISO 3452-2:2013-11
Non-destructive testing – Penetrant testing – Part 2: Testing of penetrant materials (ISO 3452-2:2013)

EN ISO 3452-3:2013-11
Non-destructive testing – Penetrant testing – Part 3: Reference test blocks (ISO 3452-3:2013)

EN ISO 15548-1:2013-12
Non-destructive testing – Equipment for eddy current examination – Part 1: Instrument characteristics and verification (ISO 15548-1:2013)

EN ISO 15548-2:2013-12
Non-destructive testing – Equipment for eddy current examination – Part 2: Probe characteristics and verification (ISO 15548-2:2013)

Međunarodna normizacija ISO

ISO 10878:2013-10
Non-destructive testing – Infrared thermography – Vocabulary

ISO 3452-2:2013-11
Non-destructive testing – Penetrant testing – Part 2: Testing of penetrant materials

ISO 3452-3:2013-11
Non-destructive testing – Penetrant testing – Part 3: Reference test blocks

ISO 15548-1:2013-12
Non-destructive testing – Equipment for eddy current examination – Part 1: Instrument characteristics and verification

ISO 15548-2:2013-12
Non-destructive testing – Equipment for eddy current examination – Part 2: Probe characteristics and verification

21.100.10 Klizni ležajevi

Međunarodna normizacija ISO

ISO 7902-1:2013-11
Hydrodynamic plain journal bearings under steady-state conditions – Circular cylindrical bearings – Part 1: Calculation procedure

23.020.20 Posude i kontejneri ugrađeni na vozila

Europska normizacija CEN

EN 14025:2013-10
Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction

EN 14841:2013-12
LPG equipment and accessories – Discharge procedures for LPG rail tankers

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija CEN

EN 12493:2013-11
LPG equipment and accessories – Welded steel pressure vessels for LPG road tankers – Design and manufacture

Međunarodna normizacija ISO

ISO/TR 16115:2013-11
Gas cylinders – Classification of imperfections arising during the manufacture of seamless steel and aluminium alloy gas cylinders

23.040.10 Cijevi od lijevanog željeza i čelika

Europska normizacija CEN

EN 1124-4:2013-10
Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for wastewater systems – Part 4: Components for vacuum drainage systems and for drainage systems on ships

23.100.40 Cijevovodi i spojnice

Europska normizacija CEN

EN ISO 1179-1:2013-11
Connections for general use and fluid power – Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing – Part 1: Threaded ports (ISO 1179-1:2013)

EN ISO 1179-2:2013-11
Connections for general use and fluid power – Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing – Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E) (ISO 1179-2:2013)

Međunarodna normizacija ISO

ISO 1179-1:2013-11
Connections for general use and fluid power – Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing – Part 1: Threaded ports

ISO 1179-2:2013-11
Connections for general use and fluid power – Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing – Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E)

23.120 Ventilatori. Klimatizacijski uređaji

Međunarodna normizacija ISO

ISO 16358-1 Technical Corrigendum 1:2013-11
Air-cooled air conditioners and air-to-air heat pumps – Testing and calculating methods for seasonal performance factors – Part 1: Cooling seasonal performance factor; Technical Corrigendum 1

ISO 16358-2 Technical Corrigendum 1:2013-11
Air-cooled air conditioners and air-to-air heat pumps – Testing and calculating methods for seasonal performance factors – Part 2: Heating seasonal performance factor; Technical Corrigendum 1

23.140 Kompresori i pneumatski strojevi

Europska normizacija CEN

EN 1012-3:2013-11
Compressors and vacuum pumps – Safety requirements – Part 3: Process compressors

23.160 Vakuumska tehnika

Europska normizacija CEN

EN 1012-3:2013-11
Compressors and vacuum pumps – Safety requirements – Part 3: Process compressors

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Europska normizacija CEN

EN 61010-2-201/AC:2013-09
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-201: Particular requirements for control equipment

Međunarodna normizacija ISO

ISO 11064-4:2013-11
Ergonomic design of control centres – Part 4: Layout and dimensions of workstations

25.060.20 Uređaji za držanje i podjelu oruđa

Međunarodna normizacija ISO

ISO 7388-3:2013-11
Tool shanks with 7/24 taper for automatic tool changers – Part 3: Retention knobs for shanks of forms AC, AD, AF, UC, UD, UF, JD and JF

ISO 10649-2:2013-10
Cutter arbors with parallel key and tenon drive – Part 2: Dimensions and designation of tool holders with taper interface with flange contact surface

ISO 10649-3:2013-10
Cutter arbors with parallel key and tenon drive – Part 3: Dimensions and designation of tool holders with 7/24 taper for automatic tool changer

ISO 10649-4:2013-10
Cutter arbors with parallel key and tenon drive – Part 4: Dimensions and designation of tool holders with 7/24 taper without automatic tool changer

ISO 10649-1:2013-10
Aufsteckfräserdorne mit Quernut und Zapfenantrieb – Teil 1 : Allgemeine Massangaben
Cutter arbors with parallel key and tenon drive – Part 1: General dimensions

25.120.10 Oprema za kovanje. Preše. Škare

Europska normizacija

CEN

EN 12622+A1:2013-10
Safety of machine tools – Hydraulic press brakes

25.160.30 Oprema za zavarivanje

Europska normizacija

CEN

CEN/TR 13259:2013-10
Gas welding equipment – Industrial manual and machine blowpipes for flame heating, flame brazing and allied processes

Međunarodna normizacija

ISO

ISO 10225:2013-11
Gas welding equipment – Marking for equipment used for gas welding, cutting and allied processes

IEC

IEC 60974-3:2013-11
Arc welding equipment – Part 3: Arc striking and stabilizing devices

27.010 Tehnika prijenosa energije i topline općenito

Europska normizacija

CENELEC

EN 62325-351
Kommunikation im Energiemarkt – Teil 351: CIM Profile für den Europäischen Markt
(IEC 62325-351:2013)

27.080 Dizalice topline

Međunarodna normizacija

ISO

ISO 16358-1 Technical Corrigendum 1:2013-11
Air-cooled air conditioners and air-to-air heat pumps – Testing and calculating methods for seasonal performance factors – Part 1: Cooling seasonal performance factor; Technical Corrigendum 1

ISO 16358-2 Technical Corrigendum 1:2013-11
Air-cooled air conditioners and air-to-air heat pumps – Testing and calculating methods for seasonal performance factors – Part 2: Heating seasonal performance factor; Technical Corrigendum 1

27.100 Energetska postrojenja općenito

Europska normizacija

CENELEC

EN 50438
Anforderungen für den Anschluss von Klein-Generatoren an das öffentliche Niederspannungsnetz

27.120.20 Nuklearne elektrane. Sigurnost

Međunarodna normizacija

ISO

ISO 16117:2013-10
Nuclear criticality safety – Estimation of the number of fissions of a postulated criticality accident

ISO 21483:2013-11

Determination of solubility in nitric acid of plutonium in unirradiated mixed oxide fuel pellets (U,Pu)O₂

27.160 Solarna energetika

Europska normizacija

CENELEC

EN 62670-1
Konzentrator-Photovoltaik (CPV)-Leistungsmessung – Part 1: Standardprüfbedingungen
(IEC 62670-1:2013)

EN ISO 9806:2013-11
Solar energy – Solar thermal collectors – Test methods
(ISO 9806:2013)

Međunarodna normizacija

ISO

ISO 9806:2013-11
Solar energy – Solar thermal collectors – Test methods

29.020 Elektrotehnika općenito

Međunarodna normizacija

IEC

IEC 60050-351:2013-11
International Electrotechnical Vocabulary – Part 351: Control technology

IEC 60050-902:2013-11
International electrotechnical vocabulary – Part 902: Conformity assessment

IEC 60050-903:2013-06
International electrotechnical vocabulary – Part 903: Risk assessment

IEC 62198:2013-11
Managing risk in projects – Application guidelines

29.035.01 Izolacijski materijali općenito

Međunarodna normizacija

IEC

IEC 60243-2:2013-11
Electric strength of insulating materials – Test methods – Part 2: Additional requirements for tests using direct voltage

IEC 60243-3:2013-11
Electric strength of insulating materials – Test methods – Part 3: Additional requirements for 1,2/50 μs impulse tests

29.035.20 Plastični i gumeni izolacijski materijali

Europska normizacija

CEN

EN 50290-2-23:2013-11
Communication cables – Part 2-23: Common design rules and construction – Polyethylen insulation for multi-pair cables used in access telecommunication networks: Outdoor cables

EN 50290-2-25:2013-11
Communication cables – Part 2-25: Common design rules and construction – Polypropylene insulation compounds

Međunarodna normizacija

IEC

IEC 60684-3-214:2013-11

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 214: Heat-shrinkable, polyolefin sleeving, not flame retarded, thick and medium wall

29.040.01 Izolacijski fluidi općenito

Međunarodna normizacija

IEC

IEC 60695-1-40:2013-11

Fire hazard testing – Part 1-40: Guidance for assessing the fire hazard of electrotechnical products – Insulating liquids

29.040.10 Izolacijska ulja

Međunarodna normizacija

IEC

IEC 62770:2013-11

Fluids for electrotechnical applications – Unused natural esters for transformers and similar electrical equipment

29.050 Supravodljivost i vodljivi materijali

Europska normizacija

CENELEC

EN 61788-18

Supraleitfähigkeit – Teil 18: Messung der mechanischen Eigenschaften – Zugversuch von Ag und/oder Ag-Legierung ummantelten Bi-223 und Bi-2212 Verbundsupraleitern bei Raumtemperatur (IEC 61788-18:201)

Međunarodna normizacija

IEC

IEC 61788-19:2013-11

Superconductivity – Part 19: Mechanical properties measurement – Room temperature tensile test of reacted Nb₃Sn composite superconductors

29.060.10 Žice

Europska normizacija

CENELEC

EN 60317-0-3/A1

Technische Lieferbedingungen für bestimmte Typen von Wickeldrähten – Teil 0-3: Allgemeine Anforderungen – Runddrähte aus Aluminium, lackisoliert (IEC 60317-0-3:2008/A1:2013)

Međunarodna normizacija

IEC

IEC 60317-0-1:2013-10

Specifications for particular types of winding wires – Part 0-1: General requirements – Enamelled round copper wire

IEC 60317-0-2:2013-10

Specifications for particular types of winding wires – Part 0-2: General requirements – Enamelled rectangular copper wire

IEC 60317-20:2013-10

Specifications for particular types of winding wires – Part 20: Solderable polyurethane enamelled round copper wire, class 155

IEC 60317-21:2013-10

Specifications for particular types of winding wires – Part 21: Solderable polyurethane enamelled round copper wire overcoated with polyamide, class 155

IEC 60317-23:2013-10

Specifications for particular types of winding wires – Part 23: Solderable polyesterimide enamelled round copper wire, class 180

IEC 60317-27:2013-10

Specifications for particular types of winding wires – Part 27: Paper tape covered rectangular copper wire

IEC 60317-28:2013-10

Specifications for particular types of winding wires – Part 28: Polyesterimide enamelled rectangular copper wire, class 180

IEC 60317-35:2013-10

Specifications for particular types of winding wires – Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer

IEC 60317-36:2013-10

Specifications for particular types of winding wires – Part 36: Solderable polyesterimide enamelled round copper wire, class 180, with a bonding layer

IEC 60317-37:2013-10

Specifications for particular types of winding wires – Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer

IEC 60317-38:2013-10

Specifications for particular types of winding wires – Part 38: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 200, with a bonding layer

IEC 60317-46:2013-10

Specifications for particular types of winding wires – Part 46: Aromatic polyimide enamelled round copper wire, class 240

IEC 60317-47:2013-10

Specifications for particular types of winding wires – Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240

IEC 60317-55:2013-10

Specifications for particular types of winding wires – Part 55: Solderable polyurethane enamelled round copper wire overcoated with polyamide, class 180

29.060.20 Kabeli

Međunarodna normizacija

IEC

IEC 60754-1 Corrigendum 1:2013-11

Test on gases evolved during combustion of materials from cables – Part 1: Determination of the halogen acid gas content; Corrigendum 1

IEC 62230 AMD 1:2013-11

Electric cables – Spark-test method; Amendment 1

IEC 62230 Edition 1.1:2013-11

Kabel und isolierte Leitungen – Durchlaufspannungsprüfung

29.080.30 Izolacijski sustavi

Europska normizacija

CENELEC

EN 62068:2013-09

Electrical insulating materials and systems – General method of evaluation of electrical endurance under repetitive voltage impulses (IEC 62068:2013)

29.100.99 Ostali električki sastavni dijelovi

Europska normizacija

CENELEC

EN 60529/A2:2013-10

Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989/A2:2013)

Međunarodna normizacija

IEC

IEC 60529 Corrigendum 1:2013-10

Degrees of protection provided by enclosures (IP code); Corrigendum 1

29.120.10 Zaštitne cijevi za električne potrebe

Europska normizacija

CENELEC

EN 62444:2013-10

Cable glands for electrical installations (IEC 62444:2010, modified)

29.120.40 Sklopke

Europska normizacija

CENELEC

EN 50123-3/A1:2013-10

Railway applications – Fixed installations; D.C. switchgear – Part 3: Indoor d.c. disconnectors, switch-disconnectors and earthing switches

EN 50123-4/A1:2013-10

Railway applications – Fixed installations; D.C. switchgear – Part 4: Outdoor d.c. switch-disconnectors, switch-disconnectors and earthing switches

EN 50152-1/A1:2013-09

Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 1: Circuit-breakers with nominal voltage above 1 kV

Međunarodna normizacija

IEC

IEC 60669-2-5:2013-10

Switches for household and similar fixed electrical installations – Part 2-5: Particular requirements – Switches and related accessories for use in home and building electronic systems (HBES)

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija

CENELEC

EN 301605 V 1.1.1:2013-10

Environmental Engineering (EE) – Earthing and bonding of 400 VDC data and telecom (ICT) equipment

EN 62606:2013-11

General requirements for arc fault detection devices (IEC 62606:2013, modified)

Međunarodna normizacija

IEC

IEC 62606 Corrigendum 1:2013-11

General requirements for arc fault detection devices; Corrigendum 1

29.120.70 Sklopnici (releji)

Europska normizacija

CENELEC

EN 60255-26/AC:2013-10

Measuring relays and protection equipment – Part 26: Electromagnetic compatibility requirements

EN 60255-127

Messrelais und Schutzeinrichtungen – Teil 127: Funktionsnorm für Über-/Unterspannungsschutz (IEC 60255-127:2010)

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Europska normizacija

CENELEC

EN 62271-4:2013-11

High-voltage switchgear and controlgear – Part 4: Handling procedures for sulphur hexafluoride (SF₆) and its mixtures (IEC 62271-4:2013)

Međunarodna normizacija

IEC

IEC 62271-103 Corrigendum 1:2013-10

High-voltage switchgear and controlgear – Part 103: Switches for rated voltages above 1 kV up to and including 52 kV; Corrigendum 1

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Međunarodna normizacija

IEC

IEC 60947-3 Corrigendum 1:2013-11

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

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Međunarodna normizacija IEC

- IEC/PAS 62815-1:2013-10
Cold cathode fluorescent lamps – Part 1: Safety specifications
- IEC/PAS 62815-2:2013-10
Cold cathode fluorescent lamps – Part 2: Performance specifications
- IEC/PAS 62816-1:2013-10
External electrode fluorescent lamps – Part 1: Safety specifications
- IEC/PAS 62816-2:2013-10
External electrode fluorescent lamps – Part 2: Performance specifications

29.140.40 Rasvjetna tijela

Međunarodna normizacija IEC

- IEC 60601-2-41 AMD 1:2013-10
Medical electrical equipment – Part 2-41: Particular requirements for basic safety and essential performance of surgical luminaires and luminaires for diagnosis
- IEC 60601-2-41 Edition 2.1:2013-10
Medical electrical equipment – Part 2-41: Particular requirements for basic safety and essential performance of surgical luminaires and luminaires for diagnosis

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

- EN 60927/A1
Geräte für Lampen – Startgeräte (andere als Glimmstarter) – Anforderungen an die Arbeitsweise (IEC 34C/951/CDV, entspricht IEC 60927:2007/A1:2013)
- EN 61347-2-1/A2
Geräte für Lampen – Teil 2-1: Besondere Anforderungen an Startgeräte (andere als Glimmstarter) (IEC 61347-2-1:2000/A2:2013)

29.160.20 Generatori

Europska normizacija CENELEC

- EN 50438
Anforderungen für den Anschluss von Klein-Generatoren an das öffentliche Niederspannungsnetz

29.180 Transformatori. Prigušnice

Europska normizacija CENELEC

- EN 61558-2-16/A1
Sicherheit von Transformatoren, Drosseln, Netzgeräten und dergleichen für Versorgungsspannungen bis 1100 V – Teil 2-16: Besondere Anforderungen und Prüfungen an Schaltnetzteilen (SMPS) und Transformatoren für Schaltnetzteile (IEC 61558-2-16:2009/A1:2013)

- EN 60076-14:2013-10
Power transformers – Part 14: Liquid-immersed power transformers using high-temperature insulation materials (IEC 60076-14:2013)

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Europska normizacija CENELEC

- EN 50563/AA
External a.c. – d.c. and a.c. – a.c. power supplies – Determination of no-load power and average efficiency of active modes
- EN 50563/A1:2013-10
External a.c. – d.c. and a.c. – a.c. power supplies – Determination of no-load power and average efficiency of active modes
- EN 62680-3:2013-09
Universal serial bus interfaces for data and power – Part 3: USB battery charging specification, Revision 1.2 (IEC 62680-3:2013)

29.220.30 Alkalni sekundarni članci i baterije

Međunarodna normizacija IEC

- IEC 61951-1:2013-10
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Portable sealed rechargeable single cells – Part 1: Nickel-cadmium

29.240.01 Mreže za prijenos i razdiobu električne energije općenito

Europska normizacija CENELEC

- CLC/TR 50608:2013-10
Smart grid projects in Europe

29.240.20 Vodovi za prijenos i razdiobu električne energije

Europska normizacija CENELEC

- EN 62567:2013-11
Overhead lines – Methods for testing self-damping characteristics of conductors (IEC 62567:2013)

29.260.20 Električni uređaji za eksplozivnu atmosferu

Europska normizacija CENELEC

- EN 60079-0/AA
Explosionsgefährdete Bereiche – Teil 0: Betriebsmittel – Allgemeine Anforderungen
- EN 60079-25/AC:2013-09
Explosive atmospheres – Part 25: Intrinsically safe electrical systems
- EN 50050-1:2013-11
Electrostatic hand-held spraying equipment – Safety requirements – Part 1: Hand-held spraying equipment for ignitable liquid coating materials

- EN 50050-2:2013-11
Electrostatic hand-held spraying equipment – Safety requirements – Part 2: Hand-held spraying equipment for ignitable coating powder
- EN 50050-3:2013-11
Electrostatic hand-held spraying equipment – Safety requirements – Part 3: Hand-held spraying equipment for ignitable flock
- EN 60079-0/A11:2013-11
Explosive atmospheres – Part 0: Equipment – General requirements

Međunarodna normizacija

IEC

- IEC 60079-0 Interpretation Sheet 1:2013-11
Explosive atmospheres – Part 0: Equipment – General requirements; Interpretation sheet 1
- IEC 60079-14:2013-11
Explosive atmospheres – Part 14: Electrical installations design, selection and erection
- IEC 60079-17:2013-11
Explosive atmospheres – Part 17: Electrical installations inspection and maintenance
- IEC 60079-31:2013-11
Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure „t“

29.280 Oprema za električnu vuču

Europska normizacija

CENELEC

- EN 50123-3/A1:2013-10
Railway applications – Fixed installations; D.C. switchgear – Part 3: Indoor d.c. disconnectors, switch-disconnectors and earthing switches
- EN 50123-4/A1:2013-10
Railway applications – Fixed installations; D.C. switchgear – Part 4: Outdoor d.c. switch-disconnectors, switch-disconnectors and earthing switches
- EN 50152-1/A1:2013-09
Railway applications – Fixed installations – Particular requirements for alternating current switchgear – Part 1: Circuit-breakers with nominal voltage above 1 kV

31.020 Elektronički sastavni dijelovi općenito

Europska normizacija

CENELEC

- EN 60286-3/AC:2013-10
Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes

31.040.10 Nepromjenjivi otpornici

Europska normizacija

CENELEC

- EN 140101-806/A1:2013-11
Detail Specification: Fixed low power film resistors – Metal film resistors on high grade ceramic, conformal coated or molded, axial or preformed leads
- EN 140401-801/A1:2013-11
Detail specification: Fixed low power film SMD resistors – Rectangular – Stability classes 0,1; 0,25; 0,5; 1

- EN 140401-802/A2:2013-11
Detail specification: Fixed low power film SMD resistors – Rectangular – Stability classes 1; 2
- EN 140401-804/A1:2013-11
Detail Specification: Fixed low power film high stability SMD resistors – Rectangular – Stability classes 0,1; 0,25

31.060.10 Nepromjenjivi kondenzatori

Europska normizacija

CENELEC

- EN 61881-3/A1:2013-11
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors (IEC 61881-3:2012/A1:2013)

31.060.70 Energetski kondenzatori

Europska normizacija

CENELEC

- EN 60252-1/A1:2013-11
AC motor capacitors – Part 1: General – Performance, testing and rating – Safety requirements – Guide for installation and operation (IEC 60252:2010/A1:2013)
- EN 60252-2/A1:2013-11
AC motor capacitors – Part 2: Motor start capacitors (IEC 60252-2:2010/A1:2013)
- EN 62146-1
Spannungsausgleichskondensatoren für Hochspannungs-Wechselstrom-Leistungsschalter – Teil 1: Allgemeines (IEC 62146-1:2013)

31.060.99 Ostali kondenzatori

Europska normizacija

CENELEC

- EN 60358-2
Kopplungskondensatoren und kapazitive Teiler – Teil 2: Einphasen-Kopplungskondensatoren für Wechsel- oder Gleichstrom, die für Trägerfrequenzübertragungen auf Hochspannungsleitungen (TFH-Übertragung) zwischen Außenleiter und Erde geschaltet sind (IEC 60358-2:2013)

Međunarodna normizacija

IEC

- IEC 60358-3:2013-11
Coupling capacitors and capacitor dividers – Part 3: AC or DC coupling capacitors for harmonic-filters applications

31.120 Elektronički uređaji za prikazivanje

Europska normizacija

CENELEC

- EN 61747-10-1:2013-10
Liquid crystal display devices – Part 10-1: Mechanical test methods (IEC 61747-10-1:2013)

31.180 Tiskani krugovi i pločice

Međunarodna normizacija IEC

IEC 61249-4-18:2013-11
Materials for printed boards and other interconnecting structures – Part 4-18: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) – High performance epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly

IEC 61249-4-19:2013-11
Materials for printed boards and other interconnecting structures – Part 4-19: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) – High performance non-halogenated epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly

31.220.10 Utikačke i utičničke naprave. Konektori

Europska normizacija CENELEC

EN 62680-2
Schnittstellen des Universellen Seriellen Busses für Daten und Energie – Teil 2: Festlegung für USB-Mikro-USB-Kabel und Steckverbinder (IEC 62680-2:2013)

Međunarodna normizacija IEC

IEC/PAS 61076-3-119:2013-10
Connectors for electronic equipment – Product requirements – Part 3-119: Rectangular connectors – Detail specification for unshielded, free and fixed 10 way connectors with push-pull coupling for industrial environments with frequencies up to 100 MHz

31.240 Mehaničke konstrukcije za elektroničku opremu

Europska normizacija CENELEC

EN 62610-4
Mechanische Bauweisen für elektronische Einrichtungen – Wärmemanagement für Schränke nach den Reihen IEC 60297 und IEC 60917 – Teil 4: Kühlleistungsprüfungen für Wasser-Wärmetauscher in Elektronikschränken (IEC 62610-4:2013)

Međunarodna normizacija IEC

IEC 60191-4:2013-10
Mechanical Standardization of Semiconductor Devices – Part 4: Coding system and classification into forms of package outlines for semiconductor device packages

31.260 Optoelektronika. Laserska oprema

Europska normizacija CENELEC

EN 62341-5-3:2013-10
Organic Light Emitting Diode (OLED) displays – Part 5-: 3: Measuring methods of image sticking and lifetime (IEC 62341-5-3:2013)
33.020 Telekomunikacije općenito

Europska normizacija ETSI

ETSI TS 102950-1 V 1.3.1:2013-10
Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite – Part 1: Implementation Conformance Statement (ICS)

ETSI TS 102950-2 V 1.3.1:2013-10
Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite – Part 2: Test Suite Structure and Test Purposes (TSS&TP)

ETSI TS 102950-3 V 1.3.1:2013-10
Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite – Part 3: Abstract Test Suite (ATS) and Implementation eXtra Information for Testing (IXIT)

ETSI SR 000314 V 2.14.1:2013-11
Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija ETSI

ETSI TR 103114 V 1.1.1:2013-10
Speech and multimedia Transmission Quality (STQ) – QoS Parameters and measurement methodology for Smartphones

ETSI TR 103138 V 1.1.1:2013-10
Speech and multimedia Transmission Quality (STQ) – Speech samples and their usage for QoS testing

ETSI TR 103157 V 1.1.1:2013-10
Speech and multimedia Transmission Quality (STQ) – Frequency responses of Headphones and Earphones using measurement methods and limits of STQ TS 102924

ETSI TR 103210 V 1.1.1:2013-10
Speech and multimedia Transmission Quality (STQ) – End-to-End Jitter Transmission Planning Requirements for Real Time Services in an NGN context

ETSI GS OEU 008 V 1.1.1:2013-09
Operational energy Efficiency for Users (OEU) – Global KPI for Information and Communication Technology Nodes

ETSI TR 102575 V 1.1.1:2013-11
Human Factors (HF) – IP-based text telephony – as deployed in Scandinavia (and in some other countries)

33.040.35 Telefonske mreže

Europska normizacija ETSI

ETSI TS 101671 V 3.12.1:2013-10
Lawful Interception (LI) – Handover interface for the lawful interception of telecommunications traffic

- ETSI TS 102232-1 V 3.5.1:2013-10
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 1: Handover specification for IP delivery
- ETSI TS 102232-2 V 3.6.1:2013-10
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 2: Service-specific details for messaging services
- ETSI TS 102232-3 V 3.3.1:2013-10
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 3: Service-specific details for internet access services

33.040.40 Mreže za prijenos podataka

Europska normizacija

ETSI

- ETSI GS NFV-PER 002 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Proofs of Concepts – Framework
- ETSI GS NFV 001 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Use Cases
- ETSI GS NFV 002 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Architectural Framework
- ETSI GS NFV 003 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Terminology for Main Concepts in NFV
- ETSI GS NFV 004 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Virtualisation Requirements

33.040.60 Telekomunikacije putem elektroenergetskih vodova

Europska normizacija

CENELEC

- EN 50561-1:2013-10
Power line communication apparatus used in low-voltage installations – Radio disturbance characteristics – Limits and methods of measurement – Part 1: Apparatus for in-home use

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija

ETSI

- ETSI TS 101572-1 V 1.1.1:2013-10
Core Network and Interoperability Testing (INT) – Conformance tests according to 3GPPTM 29.235 Release 10 – Interworking between SIP-I based circuit-switched core network and other networks – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 101572-2 V 1.1.1:2013-10
Core Network and Interoperability Testing (INT) – Conformance tests according to 3GPPTM 29.235 Release 10 – Interworking between SIP-I based circuit-switched core network and other networks – Part 2: SIP-I / SIP NNI Test Suite Structure and Test Purposes (TSS&TP)
- ETSI TS 102901 V 5.1.1:2013-10
Core Network and Interoperability Testing (INT) – IMS NNI Interoperability Test Specifications – IMS NNI interoperability test descriptions for RCS (3GPP Release 10)

- ETSI TS 103029 V 5.1.1:2013-10
IMS Network Testing (INT) – IMS & EPC Interoperability test descriptions (3GPP Release 10)
- ETSI TS 103189 V 1.1.2:2013-10
IMS Network Testing (INT) – Specification of end-to-end QoS assessment for VoLTE and RCS Interop Events or Plugtests
- ETSI TS 186011-1 V 5.1.1:2013-10
Core Network and Interoperability Testing (INT) – IMS NNI Interoperability Test Specifications (3GPP Release 10) – Part 1: Test purposes for IMS NNI Interoperability
- ETSI TS 186011-2 V 5.1.1:2013-10
Core Network and Interoperability Testing (INT) – IMS NNI Interoperability Test Specifications (3GPP Release 10) – Part 2: Test descriptions for IMS NNI Interoperability

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

CENELEC

- EN 300373-1 V 1.4.1:2013-09
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Maritime mobile transmitters and receivers for use in the MF and HF bands – Part 1: Technical characteristics and methods of measurement
- EN 301025-2 V 1.5.1:2013-09
Electromagnetic compatibility and Radio spectrum Matters (ERM) – VHF radiotelephone equipment for general communications and associated equipment for Class D Digital Selective Calling (DSC) – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
- EN 301025-3 V 1.5.1:2013-09
Electromagnetic compatibility and Radio spectrum Matters (ERM) – VHF radiotelephone equipment for general communications and associated equipment for Class D Digital Selective Calling (DSC) – Part 3: Harmonized EN covering the essential requirements of article 3.3(e) of the R&TTE Directive
- EN 301908-2 V 6.2.1:2013-10
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)
- EN 301908-3 V 6.2.1:2013-10
IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
- EN 301908-13 V 6.2.1:2013-10
IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)
- EN 301908-14 V 6.2.1:2013-10
IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
- ETSI TS 103146-1 V 1.1.1:2013-11
Reconfigurable Radio Systems (RRS) – Mobile Device Information Models and Protocols – Part 1: Multiradio Interface (MURI)

33.060.40 Kabelski distribucijski sustavi

Europska normizacija

ETSI

- ETSI TS 101569-1 V 1.1.1:2013-10
Integrated Broadband Cable Telecommunication Networks (CABLE) – Cable Network Transition to IPv6 Part 1: IPv6 Transition Requirements

33.070.01 Usluge pokretne mreže općenito

Europska normizacija

CENELEC

- EN 301908-2 V 6.2.1:2013-10
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)

33.070.10 Zemaljski radio (TETRA)

Europska normizacija

ETSI

- ETSI TR 102300-2 V 1.2.1:2013-09
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Designers' guide – Part 2: Radio channels, network protocols and service performance

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija

ETSI

- ETSI TS 103389 V 1.2.1:2013-09
Railway Telecommunications (RT) – Global System for Mobile communications (GSM) – Usage of Session Initiation Protocol (SIP) on the Network Switching Subsystem (NSS) to Fixed Terminal Subsystem (FTS) interface for GSM Operation on Railways
- ETSI TS 122041 V 8.2.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Operator Determined Barring (ODB) (3GPP TS 22.041 version 8.2.0 Release 8)
- ETSI TS 122041 V 9.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Operator Determined Barring (ODB) (3GPP TS 22.041 version 9.1.0 Release 9)
- ETSI TS 122041 V 10.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Operator Determined Barring (ODB) (3GPP TS 22.041 version 10.1.0 Release 10)
- ETSI TS 122041 V 11.3.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Operator Determined Barring (ODB) (3GPP TS 22.041 version 11.3.0 Release 11)
- ETSI TS 122088 V 11.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) supplementary services – Stage 1 (3GPP TS 22.088 version 11.1.0 Release 11)

- ETSI TS 123003 V 8.18.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 8.18.0 Release 8)
- ETSI TS 123003 V 9.12.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 9.12.0 Release 9)
- ETSI TS 123003 V 10.7.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 10.7.0 Release 10)
- ETSI TS 123003 V 11.6.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 11.6.0 Release 11)
- ETSI TS 123060 V 11.7.0:2013-09
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 11.7.0 Release 11)
- ETSI TS 123167 V 7.13.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 7.13.0 Release 7)
- ETSI TS 123167 V 8.6.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 8.6.0 Release 8)
- ETSI TS 123167 V 9.11.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 9.11.0 Release 9)
- ETSI TS 123167 V 10.8.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 10.8.0 Release 10)
- ETSI TS 123167 V 11.8.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 11.8.0 Release 11)
- ETSI TS 123203 V 9.13.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 9.13.0 Release 9)
- ETSI TS 123203 V 10.9.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 10.9.0 Release 10)
- ETSI TS 123203 V 11.11.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 11.11.0 Release 11)
- ETSI TS 123204 V 11.5.0:2013-09
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 11.5.0 Release 11)

- ETSI TS 123228 V 11.9.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Stage 2 (3GPP TS 23.228 version 11.9.0 Release 11)
- ETSI TS 123237 V 11.9.0:2013-09
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 11.9.0 Release 11)
- ETSI TS 123272 V 9.15.0:2013-09
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 9.15.0 Release 9)
- ETSI TS 123272 V 10.12.0:2013-09
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 10.12.0 Release 10)
- ETSI TS 123272 V 11.6.0:2013-09
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 11.6.0 Release 11)
- ETSI TS 123401 V 11.7.0:2013-09
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 11.7.0 Release 11)
- ETSI TS 123682 V 11.5.0:2013-09
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 11.5.0 Release 11)
- ETSI TS 124008 V 10.11.0:2013-10
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 10.11.0 Release 10)
- ETSI TS 124008 V 11.8.0:2013-10
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 11.8.0 Release 11)
- ETSI TS 124182 V 9.9.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT) – Protocol specification (3GPP TS 24.182 version 9.9.0 Release 9)
- ETSI TS 124182 V 10.4.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT) – Protocol specification (3GPP TS 24.182 version 10.4.0 Release 10)
- ETSI TS 124182 V 11.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT) – Protocol specification (3GPP TS 24.182 version 11.1.0 Release 11)
- ETSI TS 124183 V 9.8.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 9.8.0 Release 9)
- ETSI TS 124183 V 10.5.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 10.5.0 Release 10)
- ETSI TS 124183 V 11.3.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 11.3.0 Release 11)
- ETSI TS 124229 V 8.25.0:2013-10
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 8.25.0 Release 8)
- ETSI TS 124229 V 9.17.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 9.17.0 Release 9)
- ETSI TS 124229 V 10.13.0:2013-10
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 10.13.0 Release 10)
- ETSI TS 124229 V 11.9.0:2013-10
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 11.9.0 Release 11)
- ETSI TS 124237 V 8.14.0:2013-10
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 8.14.0 Release 8)
- ETSI TS 124237 V 9.16.0:2013-10
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 9.16.0 Release 9)
- ETSI TS 124237 V 10.12.0:2013-10
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 10.12.0 Release 10)
- ETSI TS 124237 V 11.8.0:2013-10
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 11.8.0 Release 11)

- ETSI TS 124259 V 9.8.0:2013-10
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3 (3GPP TS 24.259 version 9.8.0 Release 9)
- ETSI TS 124259 V 10.5.0:2013-10
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3 (3GPP TS 24.259 version 10.5.0 Release 10)
- ETSI TS 124259 V 11.2.0:2013-10
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3 (3GPP TS 24.259 version 11.2.0 Release 11)
- ETSI TS 124301 V 11.8.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 11.8.0 Release 11)
- ETSI TS 124390 V 11.4.0:2013-10
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 11.4.0 Release 11)
- ETSI TS 124504 V 8.18.0:2013-10
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPAN – PSTN/ISDN simulation services: Communication Diversion (CDIV) – Protocol specification (3GPP TS 24.504 version 8.18.0 Release 8)
- ETSI TS 124604 V 8.15.0:2013-10
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.604 version 8.15.0 Release 8)
- ETSI TS 124604 V 9.12.0:2013-10
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.604 version 9.12.0 Release 9)
- ETSI TS 124604 V 10.7.0:2013-10
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.604 version 10.7.0 Release 10)
- ETSI TS 124604 V 11.7.0:2013-10
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 11.7.0 Release 11)
- ETSI TS 124610 V 8.6.0:2013-10
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 8.6.0 Release 8)
- ETSI TS 124610 V 9.3.0:2013-10
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 9.3.0 Release 9)
- ETSI TS 124610 V 10.2.0:2013-10
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 10.2.0 Release 10)
- ETSI TS 124610 V 11.3.0:2013-10
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 11.3.0 Release 11)
- ETSI TS 125101 V 9.13.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 9.13.0 Release 9)
- ETSI TS 125101 V 10.10.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 10.10.0 Release 10)
- ETSI TS 125101 V 11.7.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 11.7.0 Release 11)
- ETSI TS 125104 V 11.7.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 11.7.0 Release 11)
- ETSI TS 125105 V 11.5.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 11.5.0 Release 11)
- ETSI TS 125133 V 11.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 11.6.0 Release 11)
- ETSI TS 125141 V 11.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 11.6.0 Release 11)
- ETSI TS 125212 V 11.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 11.6.0 Release 11)
- ETSI TS 125214 V 11.7.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (FDD) (3GPP TS 25.214 version 11.7.0 Release 11)
- ETSI TS 125304 V 11.4.0:2013-09
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 11.4.0 Release 11)
- ETSI TS 125306 V 11.7.0:2013-09
Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities (3GPP TS 25.306 version 11.7.0 Release 11)

- ETSI TS 125308 V 11.6.0:2013-09
Universal Mobile Telecommunications System (UMTS) – High Speed Downlink Packet Access (HSDPA) – Overall description – Stage 2 (3GPP TS 25.308 version 11.6.0 Release 11)
- ETSI TS 125319 V 11.7.0:2013-09
Universal Mobile Telecommunications System (UMTS) – Enhanced uplink – Overall description – Stage 2 (3GPP TS 25.319 version 11.7.0 Release 11)
- ETSI TS 125331 V 9.16.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 9.16.0 Release 9)
- ETSI TS 125331 V 10.13.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 10.13.0 Release 10)
- ETSI TS 125331 V 11.7.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 11.7.0 Release 11)
- ETSI TS 125423 V 11.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 11.6.0 Release 11)
- ETSI TS 125433 V 11.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Node B Application Part (NBAP) signalling (3GPP TS 25.433 version 11.6.0 Release 11)
- ETSI TS 125467 V 11.4.0:2013-09
Universal Mobile Telecommunications System (UMTS) – UTRAN architecture for 3G Home Node B (HNB) – Stage 2 (3GPP TS 25.467 version 11.4.0 Release 11)
- ETSI TS 126114 V 11.8.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 11.8.0 Release 11)
- ETSI TS 126237 V 9.11.0:2013-09
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 9.11.0 Release 9)
- ETSI TS 126237 V 10.8.0:2013-09
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 10.8.0 Release 10)
- ETSI TS 126237 V 11.2.0:2013-09
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 11.2.0 Release 11)
- ETSI TS 126247 V 10.5.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GPP TS 26.247 version 10.5.0 Release 10)
- ETSI TS 126247 V 11.4.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GPP TS 26.247 version 11.4.0 Release 11)
- ETSI TS 126346 V 9.12.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 9.12.0 Release 9)
Ersatz für ETSI TS 126346 V 9.11.0 (3GPP TS 26.346 Version 9.11.0 Release 9):2013-07
- ETSI TS 126346 V 10.9.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 10.9.0 Release 10)
- ETSI TS 126346 V 11.6.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 11.6.0 Release 11)
- ETSI TS 127007 V 11.8.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – AT command set for User Equipment (UE) (3GPP TS 27.007 version 11.8.0 Release 11)
- ETSI TS 128628 V 11.3.0:2013-10
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 11.3.0 Release 11)
- ETSI TS 128629 V 11.2.0:2013-10
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 11.2.0 Release 11)
- ETSI TS 128652 V 11.2.0:2013-10
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 11.2.0 Release 11)
- ETSI TS 128653 V 11.2.0:2013-10
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 11.2.0 Release 11)
- ETSI TS 128661 V 11.1.0:2013-10
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 11.1.0 Release 11)
- ETSI TS 128662 V 11.1.0:2013-10
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 11.1.0 Release 11)

- ETSI TS 128663 V 11.1.0:2013-10
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 11.1.0 Release 11)
- ETSI TS 128732 V 11.1.0:2013-10
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 11.1.0 Release 11)
- ETSI TS 129002 V 8.21.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 8.21.0 Release 8)
- ETSI TS 129002 V 9.12.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 9.12.0 Release 9)
- ETSI TS 129002 V 10.10.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 10.10.0 Release 10)
- ETSI TS 129002 V 11.8.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 11.8.0 Release 11)
- ETSI TS 129060 V 10.9.0:2013-09
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 10.9.0 Release 10)
- ETSI TS 129060 V 11.8.0:2013-09
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 11.8.0 Release 11)
- ETSI TS 129118 V 9.9.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 9.9.0 Release 9)
- ETSI TS 129118 V 10.11.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 10.11.0 Release 10)
- ETSI TS 129118 V 11.8.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 11.8.0 Release 11)
- ETSI TS 129163 V 7.28.0:2013-09
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 7.28.0 Release 7)
- ETSI TS 129163 V 8.23.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 8.23.0 Release 8)
- ETSI TS 129163 V 9.15.0:2013-09
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 9.15.0 Release 9)
- ETSI TS 129163 V 10.11.0:2013-09
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 10.11.0 Release 10)
- ETSI TS 129163 V 11.8.0:2013-09
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 11.8.0 Release 11)
- ETSI TS 129165 V 9.15.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 9.15.0 Release 9)
- ETSI TS 129165 V 10.13.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 10.13.0 Release 10)
- ETSI TS 129165 V 11.8.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 11.8.0 Release 11)
- ETSI TS 129172 V 9.5.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – SLg interface (3GPP TS 29.172 version 9.5.0 Release 9)
- ETSI TS 129172 V 10.2.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – SLg interface (3GPP TS 29.172 version 10.2.0 Release 10)

- ETSI TS 129172 V 11.1.0:2013-09
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – S-Lg interface (3GPP TS 29.172 version 11.1.0 Release 11)
- ETSI TS 129212 V 8.20.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 8.20.0 Release 8)
- ETSI TS 129212 V 9.15.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 9.15.0 Release 9)
- ETSI TS 129212 V 10.12.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 10.12.0 Release 10)
- ETSI TS 129212 V 11.10.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 11.10.0 Release 11)
- ETSI TS 129213 V 11.8.0:2013-09
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 11.8.0 Release 11)
- ETSI TS 129214 V 8.17.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 8.17.0 Release 8)
- ETSI TS 129214 V 9.14.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 9.14.0 Release 9)
- ETSI TS 129214 V 10.11.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 10.11.0 Release 10)
- ETSI TS 129214 V 11.10.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 11.10.0 Release 11)
- ETSI TS 129215 V 11.10.0:2013-09
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 11.10.0 Release 11)
- ETSI TS 129228 V 8.19.0:2013-09
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 8.19.0 Release 8)
- ETSI TS 129228 V 9.12.0:2013-09
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 9.12.0 Release 9)
- ETSI TS 129228 V 10.8.0:2013-09
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 10.8.0 Release 10)
- ETSI TS 129228 V 11.9.0:2013-09
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 11.9.0 Release 11)
- ETSI TS 129230 V 11.8.0:2013-09
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 11.8.0 Release 11)
- ETSI TS 129235 V 8.8.0:2013-09
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 8.8.0 Release 8)
- ETSI TS 129235 V 9.10.0:2013-09
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 9.10.0 Release 9)
- ETSI TS 129235 V 10.3.0:2013-09
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 10.3.0 Release 10)
- ETSI TS 129235 V 11.3.0:2013-09
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 11.3.0 Release 11)
- ETSI TS 129272 V 11.8.0:2013-09
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 11.8.0 Release 11)
- ETSI TS 129273 V 8.13.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 8.13.0 Release 8)
- ETSI TS 129273 V 9.12.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 9.12.0 Release 9)
- ETSI TS 129273 V 10.10.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 10.10.0 Release 10)
- ETSI TS 129273 V 11.7.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 11.7.0 Release 11)

- ETSI TS 129274 V 11.8.0:2013-09
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 11.8.0 Release 11)
- ETSI TS 129280 V 11.5.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC (3GPP TS 29.280 version 11.5.0 Release 11)
- ETSI TS 129305 V 11.6.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – InterWorking Function (IWF) between MAP based and Diameter based interfaces (3GPP TS 29.305 version 11.6.0 Release 11)
- ETSI TS 129328 V 9.13.0:2013-09
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 9.13.0 Release 9)
- ETSI TS 129328 V 10.11.0:2013-09
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 10.11.0 Release 10)
- ETSI TS 129328 V 11.9.0:2013-09
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 11.9.0 Release 11)
- ETSI TS 129338 V 11.1.0:2013-09
Universal Mobile Telecommunications System (UMTS) – LTE – Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 11.1.0 Release 11)
- ETSI TS 129368 V 11.4.0:2013-09
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 11.4.0 Release 11)
- ETSI TS 131102 V 9.14.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 9.14.0 Release 9)
- ETSI TS 131102 V 10.10.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 10.10.0 Release 10)
- ETSI TS 131102 V 11.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 11.6.0 Release 11)
- ETSI TS 131121 V 10.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 10.6.0 Release 10)
- ETSI TS 131124 V 10.7.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 10.7.0 Release 10)
- ETSI TS 131124 V 11.4.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 11.4.0 Release 11)
- ETSI TS 131213 V 6.2.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java CardÖ (3GPP TS 31.213 version 6.2.0 Release 6)
- ETSI TS 131213 V 7.3.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java CardÖ (3GPP TS 31.213 version 7.3.0 Release 7)
- ETSI TS 131213 V 8.2.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java CardÖ (3GPP TS 31.213 version 8.2.0 Release 8)
- ETSI TS 131213 V 9.2.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java CardÖ (3GPP TS 31.213 version 9.2.0 Release 9)
- ETSI TS 131213 V 10.1.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java CardÖ (3GPP TS 31.213 version 10.1.0 Release 10)
- ETSI TS 131213 V 11.2.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java CardÖ (3GPP TS 31.213 version 11.2.0 Release 11)
- ETSI TS 132102 V 11.2.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Architecture (3GPP TS 32.102 version 11.2.0 Release 11)
- ETSI TS 132103 V 11.3.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) overview and usage guide (3GPP TS 32.103 version 11.3.0 Release 11)
- ETSI TS 132157 V 11.2.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Information Service (IS) template (3GPP TS 32.157 version 11.2.0 Release 11)
- ETSI TS 132251 V 10.11.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging (3GPP TS 32.251 version 10.11.0 Release 10)

- ETSI TS 132260 V 9.14.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 9.14.0 Release 9)
- ETSI TS 132260 V 10.11.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 10.11.0 Release 10)
- ETSI TS 132260 V 11.9.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 11.9.0 Release 11)
- ETSI TS 132275 V 9.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 9.6.0 Release 9)
- ETSI TS 132275 V 10.1.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 10.1.0 Release 10)
- ETSI TS 132275 V 11.3.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 11.3.0 Release 11)
- ETSI TS 132298 V 11.7.1:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 11.7.1 Release 11)
- ETSI TS 132299 V 11.9.1:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 11.9.1 Release 11)
- ETSI TS 132423 V 10.7.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 10.7.0 Release 10)
- ETSI TS 132423 V 11.6.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 11.6.0 Release 11)
- ETSI TS 132522 V 9.3.0:2013-10
Digital cellular telecommunications system (Phase 2+) – 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 32.522 version 9.3.0 Release 9)
- ETSI TS 132522 V 10.6.0:2013-10
Digital cellular telecommunications system (Phase 2+) – 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 32.522 version 10.6.0 Release 10)
- ETSI TS 132522 V 11.7.0:2013-10
Digital cellular telecommunications system (Phase 2+) – 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 32.522 version 11.7.0 Release 11)
- ETSI TS 132523 V 9.3.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Policy Network Resource Model (NRM) Integration Reference Point (IRP) -
- ETSI TS 132526 V 10.4.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Policy Network Resource Model (NRM) Integration Reference Point (IRP) -
- ETSI TS 132526 V 11.6.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Policy Network Resource Model (NRM) Integration Reference Point (IRP) -
- ETSI TS 132626 V 10.3.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Generic network resources Integration Reference Point (IRP) -
- ETSI TS 132626 V 11.2.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Generic network resources Integration Reference Point (IRP) -
- ETSI TS 132642 V 11.4.1:2013-10
Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Configuration Management (CM) – UTRAN network resources Integration Reference Point (IRP) – Network Resource Model (NRM) (3GPP TS 32.642 version 11.4.1 Release 11)
- ETSI TS 132652 V 11.2.1:2013-10
Digital cellular telecommunications system (Phase 2+) – Telecommunication management – Configuration Management (CM) – GERAN network resources Integration Reference Point (IRP) – Network Resource Model (NRM) (3GPP TS 32.652 version 11.2.1 Release 11)

- ETSI TS 132712 V 8.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) -
- ETSI TS 132712 V 9.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) -
- ETSI TS 132712 V 10.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) -
- ETSI TS 132712 V 11.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) -
- ETSI TS 132766 V 11.6.0:2013-10
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 32.766 version 11.6.0 Release 11)
- ETSI TS 134108 V 11.7.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Common test environments for User Equipment (UE) – Conformance testing (3GPP TS 34.108 version 11.7.0 Release 11)
- ETSI TS 134121-1 V 10.8.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 1: Conformance specification (3GPP TS 34.121-1 version 10.8.0 Release 10)
- ETSI TS 134121-1 V 11.1.1:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 1: Conformance specification (3GPP TS 34.121-1 version 11.1.1 Release 11)
- ETSI TS 134121-2 V 10.8.0:2013-10
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 10.8.0 Release 10)
- ETSI TS 134121-2 V 11.0.0:2013-10
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 11.0.0 Release 11)
- ETSI TS 134122 V 11.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – Terminal conformance specification – Radio transmission and reception (TDD) (3GPP TS 34.122 version 11.6.0 Release 11)
- ETSI TS 134123-1 V 10.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 10.6.0 Release 10)
- ETSI TS 134123-2 V 10.6.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 10.6.0 Release 10)
- ETSI TS 134123-2 V 11.0.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 11.0.0 Release 11)
- ETSI TS 134123-3 V 10.5.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 10.5.0 Release 10)
- ETSI TS 134123-3 V 11.0.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 11.0.0 Release 11)
- ETSI TS 134229-1 V 10.3.0:2013-10
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 10.3.0 Release 10)
- ETSI TS 134229-2 V 10.2.0:2013-10
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 10.2.0 Release 10)
- ETSI TS 134229-3 V 9.9.0:2013-10
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 9.9.0 Release 9)
- ETSI TS 134229-3 V 10.0.0:2013-10
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 10.0.0 Release 10)
- ETSI TS 136101 V 8.22.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 8.22.0 Release 8)
- ETSI TS 136101 V 9.17.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 9.17.0 Release 9)

- ETSI TS 136101 V 10.12.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.12.0 Release 10)
- ETSI TS 136101 V 11.6.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.6.0 Release 11)
- ETSI TS 136104 V 11.6.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 11.6.0 Release 11)
- ETSI TS 136117 V 11.1.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay conformance testing (3GPP TS 36.117 version 11.1.0 Release 11)
- ETSI TS 136133 V 8.23.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 8.23.0 Release 8)
- ETSI TS 136133 V 9.17.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 9.17.0 Release 9)
- ETSI TS 136133 V 10.12.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 10.12.0 Release 10)
- ETSI TS 136133 V 11.6.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 11.6.0 Release 11)
- ETSI TS 136141 V 10.12.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 10.12.0 Release 10)
- ETSI TS 136141 V 11.6.1:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 11.6.1 Release 11)
- ETSI TS 136211 V 11.4.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 11.4.0 Release 11)
- ETSI TS 136213 V 11.4.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 11.4.0 Release 11)
- ETSI TS 136300 V 10.11.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 10.11.0 Release 10)
- ETSI TS 136300 V 11.7.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 11.7.0 Release 11)
- ETSI TS 136302 V 10.6.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Services provided by the physical layer (3GPP TS 36.302 version 10.6.0 Release 10)
- ETSI TS 136302 V 11.4.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Services provided by the physical layer (3GPP TS 36.302 version 11.4.0 Release 11)
- ETSI TS 136304 V 11.5.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 11.5.0 Release 11)
- ETSI TS 136306 V 10.10.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 10.10.0 Release 10)
- ETSI TS 136306 V 11.4.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 11.4.0 Release 11)
- ETSI TS 136307 V 8.9.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 8.9.0 Release 8)
- ETSI TS 136307 V 9.9.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 9.9.0 Release 9)
- ETSI TS 136307 V 10.8.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 10.8.0 Release 10)
- ETSI TS 136307 V 11.5.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 11.5.0 Release 11)
- ETSI TS 136331 V 9.16.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 9.16.0 Release 9)
- ETSI TS 136331 V 10.11.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 10.11.0 Release 10)
- ETSI TS 136331 V 11.5.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 11.5.0 Release 11)
- ETSI TS 136355 V 9.12.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 9.12.0 Release 9)
- ETSI TS 136355 V 10.10.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 10.10.0 Release 10)
- ETSI TS 136355 V 11.4.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 11.4.0 Release 11)
- ETSI TS 136401 V 11.2.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description (3GPP TS 36.401 version 11.2.0 Release 11)

- ETSI TS 136410 V 11.1.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 general aspects and principles (3GPP TS 36.410 version 11.1.0 Release 11)
- ETSI TS 136413 V 11.5.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 11.5.0 Release 11)
- ETSI TS 136423 V 10.7.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 10.7.0 Release 10)
- ETSI TS 136423 V 11.6.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 11.6.0 Release 11)
- ETSI TS 136459 V 11.3.0:2013-09
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLM interface Application Protocol (SLMAP) (3GPP TS 36.459 version 11.3.0 Release 11)
- ETSI TS 136508 V 11.2.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 11.2.0 Release 11)
- ETSI TS 136521-1 V 11.2.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 11.2.0 Release 11)
- ETSI TS 136521-2 V 11.2.0:2013-10
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 11.2.0 Release 11)
- ETSI TS 136521-3 V 11.2.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 11.2.0 Release 11)
- ETSI TS 136523-1 V 11.4.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 11.4.0 Release 11)
- ETSI TS 136523-2 V 11.4.0:2013-10
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 11.4.0 Release 11)
- ETSI TS 136523-3 V 10.5.1:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 10.5.1 Release 10)
- ETSI TS 136523-3 V 11.1.0:2013-10
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 11.1.0 Release 11)
- ETSI TR 136903 V 10.3.0:2013-10
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 10.3.0 Release 10)
- ETSI TS 137104 V 9.10.1:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 9.10.1 Release 9)
- ETSI TS 137104 V 10.12.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 10.12.0 Release 10)
- ETSI TS 137104 V 11.6.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 11.6.0 Release 11)
- ETSI TS 137141 V 9.11.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 9.11.0 Release 9)
- ETSI TS 137141 V 10.11.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 10.11.0 Release 10)
- ETSI TS 137141 V 11.6.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 11.6.0 Release 11)
- ETSI TS 137571-1 V 10.5.0:2013-10
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 10.5.0 Release 10)
- ETSI TS 137571-2 V 10.4.0:2013-10
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 10.4.0 Release 10)
- ETSI TS 137571-3 V 10.5.0:2013-10
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 10.5.0 Release 10)

- ETSI TS 137571-4 V 10.3.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 10.3.0 Release 10)
- ETSI TS 137571-5 V 10.5.0:2013-10
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 10.5.0 Release 10)
- ETSI TR 137901 V 11.8.0:2013-10
Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) application layer data throughput performance (3GPP TR 37.901 version 11.8.0 Release 11)
- ETSI TS 144018 V 11.6.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Mobile radio interface layer 3 specification – Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 11.6.0 Release 11)
- ETSI TS 144060 V 11.6.0:2013-10
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 11.6.0 Release 11)
- ETSI TS 145002 V 9.8.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 9.8.0 Release 9)
- ETSI TS 145002 V 10.5.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 10.5.0 Release 10)
- ETSI TS 145002 V 11.3.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 11.3.0 Release 11)
- ETSI TS 145008 V 4.19.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 4.19.0 Release 4)
- ETSI TS 145008 V 5.24.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 5.24.0 Release 5)
- ETSI TS 145008 V 6.22.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 6.22.0 Release 6)
- ETSI TS 145008 V 7.21.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 7.21.0 Release 7)
- ETSI TS 145008 V 8.16.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 8.16.0 Release 8)
- ETSI TS 145008 V 9.12.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 9.12.0 Release 9)
- ETSI TS 145008 V 10.7.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 10.7.0 Release 10)
- ETSI TS 145008 V 11.5.0:2013-09
Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 11.5.0 Release 11)
- ETSI TS 148008 V 11.6.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Mobile Switching Centre – Base Station system (MSC-BSS) interface – Layer 3 specification (3GPP TS 48.008 version 11.6.0 Release 11)
- ETSI TS 148018 V 11.4.0:2013-10
Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) – BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 11.4.0 Release 11)
- ETSI TS 151010-2 V 11.2.0:2013-10
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 11.2.0 Release 11)
- ETSI TS 151010-5 V 10.6.1:2013-10
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 10.6.1 Release 10)
- ETSI TS 151010-7 V 10.1.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 7: Location Services (LCS) test scenarios and assistance data (3GPP TS 51.010-7 version 10.1.0 Release 10)
- ETSI TS 151013 V 4.3.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card (3GPP TS 51.013 version 4.3.0 Release 4)
- ETSI TS 151013 V 5.7.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card (3GPP TS 51.013 version 5.7.0 Release 5)
- ETSI TS 151021 V 11.4.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects (3GPP TS 51.021 version 11.4.0 Release 11)
- ETSI TS 134123-1 V 11.0.0:2013-10
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 11.0.0 Release 11)
- ETSI TS 151010-1 V 11.2.0:2013-10
Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 1: Conformance specification (3GPP TS 51.010-1 version 11.2.0 Release 11)

33.100.01 Elektromagnetska kompatibilnost općenito

Međunarodna normizacija IEC

- IEC 62153-4-3:2013-10
Metallic communication cable test methods – Part 4-3: Electromagnetic Compatibility (EMC) – Surface transfer impedance – Triaxial method

33.100.10 Zračenje

Europska normizacija CENELEC

- EN 301489-35 V 1.1.2:2013-10
Electromagnetic compatibility and Radio spectrum Matters (ERM) – ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 35: Specific requirements for Low Power Active Medical Implants (LP-AMI) operating in the 2483,5 MHz to 2500 MHz bands

ETSI

- ETSI TS 102887-2 V 1.1.1:2013-09
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices – Smart Metering Wireless Access Protocol – Part 2: Data Link Layer (MAC Sub-layer)
- ETSI TS 103060 V 1.1.1:2013-09
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Method for a harmonized definition of Duty Cycle Template (DCT) transmission as a passive mitigation technique used by short range devices and related conformance test methods
- ETSI TR 103059 V 1.2.1:2013-11
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short-Range Devices (SRD) for operation in the 13,56 MHz band – System Reference Document for Radio Frequency Identification (RFID) equipment.
- ETSI TR 103109 V 1.1.1:2013-11
Electromagnetic compatibility and Radio spectrum Matters (ERM) – System Reference document (SRdoc) – Broadband communication links for ships and fixed installations engaged in off-shore activities operating in the 5 GHz to 8 GHz range

33.100.20 Otpornost

Međunarodna normizacija IEC

- IEC 61000-4-6:2013-10
Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields

33.120.01 Sastavnice i pribor općenito

Europska normizacija CENELEC

- EN 301605 V 1.1.1:2013-10
Environmental Engineering (EE) – Earthing and bonding of 400 VDC data and telecom (ICT) equipment

33.120.10 Koaksijalni kabeli. Valovodi

Europska normizacija CENELEC

- EN 50289-3-8
Kommunikationskabel – Spezifikationen für Prüfverfahren – Teil 3-8: Mechanische Prüfverfahren – Abriebfestigkeit der Markierung des Kabelmantels
- EN 50290-2-23:2013-11
Communication cables – Part 2-23: Common design rules and construction – Polyethylene insulation for multi-pair cables used in access telecommunication networks: Outdoor cables
- EN 50290-2-25:2013-11
Communication cables – Part 2-25: Common design rules and construction – Polypropylene insulation compounds
- EN 50290-4-1
Kommunikationskabel – Teil 4-1: Allgemeine Betrachtungen für die Anwendung der Kabel – Bedingung der Umgebung und Sicherheitsaspekte
- EN 50290-4-2
Kommunikationskabel – Teil 4-2: Allgemeine Betrachtungen für die Anwendung der Kabel – Leitfaden für die Verwendung

Međunarodna normizacija IEC

- IEC 62153-4-3:2013-10
Metallic communication cable test methods – Part 4-3: Electromagnetic Compatibility (EMC) – Surface transfer impedance – Triaxial method

33.120.30 RF konektori

Europska normizacija CENELEC

- EN 61169-1:2013-11
Radio frequency connectors – Part 1: Generic specification – General requirements and measuring methods (IEC 61169-1:2013)

33.160.50 Pribor

Europska normizacija CENELEC

- EN 50332-1
Elektroakustische Geräte: Kopfhörer und Ohrhörer in Verbindung mit tragbaren Audiogeräten – Verfahren zur Messung des maximalen Schalldruckpegels und Angaben zu Grenzwerten – Teil 1: Allgemeines Verfahren für Original-Geräte-Sets
- EN 50332-2
Elektroakustische Geräte: Kopfhörer und Ohrhörer in Verbindung mit tragbaren Audiogeräten – Verfahren zur Messung des maximalen Schalldruckpegels und Angaben zu Grenzwerten – Teil 2: Anpassung von Geräten und Kopfhörern, wenn eine der beiden oder beide Komponenten getrennt angeboten werden

33.160.60 Multimedijski sustavi i telekonferencijska oprema

Europska normizacija CENELEC

- EN 62481-2
Digital living network alliance (DLNA) Interoperabilitäts-Richtlinien für Geräte im Heimnetzwerk – Teil 2: Medien-Formate (IEC 62481-2:2013)

Međunarodna normizacija IEC

- IEC 62481-1:2013-10
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1: Architecture and protocols (TA9)
- IEC 62481-3:2013-10
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection
- IEC 62481-5:2013-10
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 5: DLNA device profile guidelines

33.170 Televizijski i radijski prijenos

Europska normizacija ETSI

- ETSI TS 101162 V 1.6.1:2013-11
Digital Video Broadcasting (DVB) – Allocation of identifiers and codes for Digital Video Broadcasting (DVB) systems

33.180.01 Svjetlovodni sustavi općenito

Međunarodna normizacija IEC

- IEC/TR 61282-4:2013-11
Fibre optic communication system design guides – Part 4: Accommodation and utilization of non-linear effects

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija CENELEC

- EN 60794-1-2
Lichtwellenleiterkabel – Teil 1-2: Fachgrundspezifikation – Kreuzverweistabelle für Prüfverfahren für Lichtwellenleiterkabel (IEC 60794-1-2:2013)

Međunarodna normizacija

- IEC 60794-2-20:2013-11
Optical fibre cables – Part 2-20: Indoor cables – Family specification for multi-fibre optical cables

33.180.20 Svjetlovodni vezne naprave

Europska normizacija CENELEC

- EN 61754-1
Lichtwellenleiter – Verbindungselemente und passive Bauteile – Steckgesichter von Lichtwellenleiter – Steckverbindern – Teil 1: Allgemeines und Richtlinien

- EN 61300-3-25
Lichtwellenleiter – Verbindungselemente und passive Bauteile – Grundlegende Prüf- und Messverfahren – Teil 3-25: Untersuchungen und Messungen – Konzentrität der nicht abgewinkelten Ferrulen und der nicht abgewinkelten Ferrulen mit eingebauter Faser (IEC 61300-3-25:2013)

Međunarodna normizacija IEC

- IEC/TR 62627-03-04:2013-10
Fibre optic interconnecting devices and passive components – Part 03-04: Reliability – Guideline on high power reliability of passive optical components
- IEC/TR 62627-05:2013-10
Fibre optic interconnecting devices and passive components – Part 05: Investigation on impact of contamination and scratches on optical performance of single-mode (SM) and multimode (MM) connectors
- IEC/TR 62572-4:2013-11
Fibre optic active components and devices – Reliability – Part 4: Guideline for optical connector end-face cleaning methods for receptacle style optical transceivers

33.180.30 Optička pojačala

Europska normizacija

- EN 62148-17
Aktive Lichtwellenleiterbauelemente und -geräte – Gehäuse- und Schnittstellennormen – Teil 17: Sende- und Empfangsbauteile mit dualen HF-Koaxialsteckverbindern (IEC 62148-17:2013)

Međunarodna normizacija IEC

- IEC 61290-3-3:2013-11
Optical amplifiers – Test methods – Part 3-3: Noise figure parameters – Signal power to total ASE power ratio
- IEC/TR 61292-9:2013-11
Optical amplifiers – Part 9: Semiconductor optical amplifiers (SOAs)

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija ETSI

- ETSI TS 102690 V 2.1.1:2013-10
Machine-to-Machine communications (M2M) – Functional architecture

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija ISO

- ISO/IEC 2382-36:2013-11
Information technology – Vocabulary – Part 36: Learning, education and training
- ISO/IEC TR 20000-5:2013-11
Information technology – Service management – Part 5: Exemplar implementation plan for ISO/IEC 20000-1

- ISO/IEC TR 20000-10:2013-11
Information technology – Service management – Part 10: Concepts and terminology
- ISO/IEC TR 90006:2013-11
Information technology – Guidelines for the application of ISO 9001:2008 to IT service management and its integration with ISO/IEC 20000-1:2011

35.040 Skupovi znakova i kodiranje informacija

Europska normizacija CENELEC

- EN 419211-3:2013-10
Protection profiles for secure signature creation device – Part 3: Device with key import
- EN 62481-2
Digital living network alliance (DLNA) Interoperabilitäts-Richtlinien für Geräte im Heimnetzwerk – Teil 2: Medien-Formate (IEC 62481-2:2013)
- EN 419211-4:2013-11
Protection profiles for secure signature creation device – Part 4: Extension for device with key generation and trusted channel to certificate generation application
- EN 419211-5:2013-12
Protection profiles for secure signature creation device – Part 5: Extension for device with key generation and trusted channel to signature creation application

Međunarodna normizacija ISO/IEC

- ISO/IEC 13818-2:2013-10
Information technology – Generic coding of moving pictures and associated audio information – Part 2: Video
- ISO/IEC 14496-12 AMD 1:2013-09
Information technology – Coding of audio-visual objects – Part 12: ISO base media file format – Amendment 1: Various enhancements including support for large metadata
- ISO/IEC 15444-12 AMD 1:2013-09
Information technology – JPEG 2000 image coding system – Part 12: ISO base media file format – Amendment 1: Various enhancements including support for large metadata
- ISO/IEC 27001:2013-10
Information technology – Security techniques – Information security management systems – Requirements
- ISO/IEC 27002:2013-10
Information technology – Security techniques – Code of practice for information security controls
- ISO/IEC 29101:2013-10
Information technology – Security techniques – Privacy architecture framework
- ISO/IEC 14496-2 Technical Corrigendum 5:2013-11
Information technology – Coding of audio-visual objects – Part 2: Visual; Technical Corrigendum 5
- ISO/IEC 20008-2:2013-11
Information technology – Security techniques – Anonymous digital signatures – Part 2: Mechanisms using a group public key
- ISO/IEC TR 20943-5:2013-11
Information technology – Procedures for achieving metadata registry content consistency – Part 5: Metadata mapping procedure

- ISO/IEC TR 20943-6:2013-11
Information technology – Procedures for achieving metadata registry content consistency – Part 6: Framework for generating ontologies
- ISO/IEC 23003-1 AMD 2
Technical Corrigendum 4:2013-11
Information technology – MPEG audio technologies – Part 1: MPEG Surround – Amendment 2: Reference software; Technical Corrigendum 2
- ISO/IEC 27036-3:2013-11
Information technology – Security techniques – Information security for supplier relationships – Part 3: Guidelines for information and communication technology supply chain security
- ISO/IEC 30111:2013-11
Information technology – Security techniques – Vulnerability handling processes

Međunarodna normizacija IEC

- IEC 62481-1:2013-10
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1: Architecture and protocols (TA9)

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Europska normizacija CENELEC

- EN 61131-9
Speicherprogrammierbare Steuerungen – Teil 9: Schnittstelle für die Kommunikation mit kleinen Sensoren und Aktoren über eine Punkt-zu-Punkt-Verbindung (IEC 61131-9:2013)

35.080 Softver (programaska podrška)

Međunarodna normizacija ISO

- ISO/IEC 15026-1:2013-11
Systems and software engineering – Systems and software assurance – Part 1: Concepts and vocabulary
- ISO/IEC 15909-2 Technical Corrigendum 1:2013-12
Systems and software engineering – High-level Petri nets – Part 2: Transfer format; Technical Corrigendum 1
- ISO/IEC 19770-5:2013-11
Information technology – Software asset management – Part 5: Overview and vocabulary
- ISO/IEC 29155-2:2013-11
Systems and software engineering – Information technology project performance benchmarking framework – Part 2: Requirements for benchmarking
- ISO/IEC TR 33014:2013-12
Software and Systems Engineering – Leitfaden für Prozessverbesserungen
Information technology – Process assessment – Guide for process improvement

35.110 Umrežavanje (IT)

Europska normizacija CENELEC

- EN 50599
Symmetrische Kommunikationsverkabelung in Übereinstimmung mit EN 50173-4 – Gerade Schnüre und Geräteanschlusskabel für Anwendungen der Klasse D – Bauartspezifikation

EN 50601
Symmetrische Kommunikationsverkabelung in
Übereinstimmung mit EN 50173-4 – Ungeschirmte
gerade Schnüre und Geräteanschlusskabel für
Anwendungen der Klasse D – Bauartspezifikation

EN 50602
Symmetrische Kommunikationsverkabelung in
Übereinstimmung mit EN 50173-4 – Ungeschirmte
gerade Schnüre und Geräteanschlusskabel für
Anwendungen der Klasse E – Bauartspezifikation

EN 50603
Symmetrische Kommunikationsverkabelung in
Übereinstimmung mit EN 50173-4 – Geschirmte
gerade Schnüre und Geräteanschlusskabel für
Anwendungen der Klasse E – Bauartspezifikation

EN 61918
Industrielle Kommunikationsnetze – Installation von
Kommunikationsnetzen in Industrieanlagen
(IEC 61918:2013)

EN 62056-3-1
Datenkommunikation der elektrischen
Energiesysteme – DLMS/COSEM – Teil 3-1:
Nutzung lokaler Netzwerke mit Trägerfrequenz-
Signalübertragung auf verdrehten Zweidrahtleitungen
(IEC 62056-3-1:2013)

EN 62361-2
Angleichung der Codes für die Datenqualität innerhalb
des TC 57 – Allgemeine Liste der Codes für die
Datenqualität (IEC 62361-2:2013)

EN 62394
Kundendienst-Diagnoseschnittstelle für Produkte
und Netzwerke der Unterhaltungselektronik –
Implementierung für Echonet (IEC 62394:2013)

EN 62481-2
Digital living network alliance (DLNA) Interoperabilitäts-
Richtlinien für Geräte im Heimnetzwerk – Teil 2:
Medien-Formate (IEC 62481-2:2013)

ETSI

ETSI GS NFV-PER 002 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Proofs of
Concepts – Framework

ETSI GS NFV 001 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Use Cases

ETSI GS NFV 002 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Architectural
Framework

ETSI GS NFV 003 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Terminology
for Main Concepts in NFV

ETSI GS NFV 004 V 1.1.1:2013-10
Network Functions Virtualisation (NFV) – Virtualisation
Requirements

Međunarodna normizacija ISO

ISO/IEC TR 29181-4:2013-10
Information technology – Future Network – Problem
statement and requirements – Part 4: Mobility

IEC

IEC 62481-1:2013-10
Digital living network alliance (DLNA) home networked
device interoperability guidelines – Part 1: Architecture
and protocols (TA9)

IEC 62481-3:2013-10
Digital living network alliance (DLNA) home networked
device interoperability guidelines – Part 3: Link
protection

IEC 62481-5:2013-10
Digital living network alliance (DLNA) home networked
device interoperability guidelines – Part 5: DLNA device
profile guidelines

35.140 Računalna grafika

Međunarodna normizacija ISO

ISO/IEC 19775-1:2013-11
Information technology – Computer graphics, image
processing and environmental data representation –
Extensible 3D (X3D) – Part 1: Architecture and base
components

35.160 Mikroprocesorski sustavi

Europska normizacija CENELEC

EN 61784-5-1
Industrielle Kommunikationsnetze – Profile – Teil 5-1:
Feldbusinstallation – Installationsprofile für die
Kommunikationsprofilfamilie 1 (IEC 61784-5-1:2013)

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija ISO

ISO/IEC 11160-2:2013-10
Information technology – Office equipment – Minimum
information to be included in specification sheets –
Printers – Part 2: Class 3 and Class 4 printers

35.200 Sučelna i spojna oprema

Europska normizacija CENELEC

EN 62680-3:2013-09
Universal serial bus interfaces for data and power –
Part 3: USB battery charging specification, Revision
1.2 (IEC 62680-3:2013)

EN 62680-1
Schnittstellen des Universellen Seriellen Busses
für Daten und Energie – Teil 1: Festlegung des
Universellen Seriellen Busses (IEC 62680-1:2013)

EN 62680-2
Schnittstellen des Universellen Seriellen Busses für
Daten und Energie – Teil 2: Festlegung für USB-Mikro-
USB-Kabel und Steckverbinder (IEC 62680-2:2013)

Međunarodna normizacija ISO

ISO/IEC 14776-333:2013-10
Information technology – Small Computer System
Interface (SCSI) – Part 333: SCSI Stream Commands –
3 (SSC-3)

35.220.30 Optičke naprave za pohranu podataka

Međunarodna normizacija ISO

- ISO/IEC 29121:2013-11
Information technology – Digitally recorded media for information interchange and storage – Data migration method for DVD-R, DVD-RW, DVD-RAM, +R, and +RW disks

35.240.15 Identifikacijske kartice i pripadajuće naprave

Europska normizacija CENELEC

- EN 419211-3:2013-10
Protection profiles for secure signature creation device – Part 3: Device with key import
- EN 419211-4:2013-11
Protection profiles for secure signature creation device – Part 4: Extension for device with key generation and trusted channel to certificate generation application
- EN 419211-5:2013-12
Protection profiles for secure signature creation device – Part 5: Extension for device with key generation and trusted channel to signature creation application

ETSI

- ETSI TS 101220 V 12.0.0:2013-10
Smart Cards – ETSI numbering system for telecommunication application providers (Release 12)
- ETSI TS 102384 V 10.1.0:2013-09
Smart Cards – UICC-Terminal interface – Card Application Toolkit (CAT) conformance specification (Release 10)
- ETSI TS 102484 V 11.1.0:2013-10
Smart Cards – Secure channel between a UICC and an end-point terminal (Release 11)
- ETSI TS 102622 V 12.0.0:2013-10
Smart Cards – UICC – Contactless Front-end (CLF) Interface – Host Controller Interface (HCI) (Release 12)
- ETSI TS 102694-1 V 9.4.0:2013-09
Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 1: Terminal features (Release 9)
- ETSI TS 102694-2 V 10.1.0:2013-09
Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 2: UICC features (Release 10)
- ETSI TS 102695-1 V 9.2.0:2013-09
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 1: Terminal features (Release 9)
- ETSI TS 102695-2 V 9.2.0:2013-09
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 2: UICC features (Release 9)
- ETSI TS 102695-3 V 9.2.0:2013-09
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 3: Host Controller features (Release 9)
- ETSI TS 103115 V 9.2.0:2013-10
Smart Cards – Test specification for UICC Application Programming Interface for Java Card[®] for Contactless Applications – Test Environment and Annexes (Release 9)

Međunarodna normizacija ISO

- ISO/IEC 14443-4 AMD 3:2013-10
Identification cards – Contactless integrated circuit cards – Proximity cards – Part 4: Transmission protocol – Amendment 3: Bit rates of 3fc/4, fc, 3fc/2 and 2fc from PCD to PICC
- ISO/IEC 18013-3 Technical Corrigendum 2:2013-11
Information technology – Personal identification – ISO-compliant driving licence – Part 3: Access control, authentication and integrity validation; Technical Corrigendum 2
- ISO/IEC 18013-4 Technical Corrigendum 1:2013-11
Information technology – Personal identification – ISO-compliant driving licence – Part 4: Test methods; Technical Corrigendum 1
- ISO/IEC 19784-2 Technical Corrigendum 2:2013-11
Information technology – Biometric application programming interface – Part 2: Biometric archive function provider interface; Technical Corrigendum 2
- ISO/IEC 19785-2 Technical Corrigendum 1:2013-11
Information technology – Common Biometric Exchange Formats Framework – Part 2: Procedures for the operation of the Biometric Registration Authority; Technical Corrigendum 1
- ISO/IEC 19785-4 Technical Corrigendum 1:2013-11
Information technology – Common Biometric Exchange Formats Framework – Part 4: Security block format specifications; Technical Corrigendum 1

35.240.50 Primjene IT-a u industriji

Europska normizacija CENELEC

- EN 61010-2-201/AC:2013-09
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-201: Particular requirements for control equipment
- EN 61970-452
Schnittstelle für Anwendungsprogramme für Netzführungssysteme (EMS-API) – Teil 452: CIM- Statische-Übertragungsnetzwerk-Modell-Profile (IEC 61970-452:2013)
- EN 61131-9
Speicherprogrammierbare Steuerungen – Teil 9: Schnittstelle für die Kommunikation mit kleinen Sensoren und Aktoren über eine Punkt-zu-Punkt-Verbindung (IEC 61131-9:2013)
- EN 61784-5-1
Industrielle Kommunikationsnetze – Profile – Teil 5-1: Feldbusinstallation – Installationsprofile für die Kommunikationsprofilfamilie 1 (IEC 61784-5-1:2013)

Međunarodna normizacija IEC

- IEC 61970-552:2013-10
Energy management system application program interface (EMS-API) – Part 552: CIMXML Model exchange format
- IEC 62325-451-1:2013-10
Framework for energy market communications – Part 451-1: Acknowledgement business process and contextual model for CIM European market
- IEC 60050-351:2013-11
International Electrotechnical Vocabulary – Part 351: Control technology

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija CENELEC

- EN 302571 V 1.2.1:2013-09
Intelligent Transport Systems (ITS) – Radiocommunications equipment operating in the 5855 MHz to 5925 MHz frequency band – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
- EN 302636-2 V 1.2.1:2013-11
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 2: Scenarios
- EN ISO 14819-1:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 1: Coding protocol for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-1:2013)
- EN ISO 14819-2:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 2: Event and information codes for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2013)
- EN ISO 14819-3:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 3: Location referencing for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-3:2013)

ETSI

- ETSI TS 101539-3 V 1.1.1:2013-11
Intelligent Transport Systems (ITS) – V2X Applications – Part 3: Longitudinal Collision Risk Warning (LCRW) application requirements specification
- ETSI TS 102636-4-2 V 1.1.1:2013-10
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications – Sub-part 2: Media-dependent functionalities for ITS-G5

Međunarodna normizacija ISO

- ISO 14819-1:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 1: Coding protocol for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C
- ISO 14819-2:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 2: Event and information codes for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C
- ISO 14819-3:2013-12
Intelligent transport systems – Traffic and travel information messages via traffic message coding – Part 3: Location referencing for Radio Data System – Traffic Message Channel (RDS-TMC) using ALERT-C
- ISO 15628:2013-11
Intelligent transport systems – Dedicated short range communication (DSRC) – DSRC application layer

IEC

- IEC 62325-451-1:2013-10
Framework for energy market communications – Part 451-1: Acknowledgement business process and contextual model for CIM European market

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija CENELEC

- EN 62325-351
Kommunikation im Energiemarkt – Teil 351: CIM Profile für den Europäischen Markt (IEC 62325-351:2013)
- EN ISO/IEC 19788-3:2013-11
Information technology – Learning, education and training – Metadata for learning resources – Part 3: Basic application profile (ISO/IEC 19788-3:2011)

Međunarodna normizacija ISO

- ISO/IEC TR 29181-4:2013-10
Information technology – Future Network – Problem statement and requirements – Part 4: Mobility

IEC

- IEC 61968-9:2013-10
Application integration at electric utilities – System interfaces for distribution management – Part 9: Interface for meter reading and control

37.020 Optička oprema

Međunarodna normizacija ISO

- ISO 8038:2013-11
Microscopes – Screw threads for objectives and related nosepieces

37.100.01 Grafička tehnologija općenito

Međunarodna normizacija ISO

- ISO 18939:2013-11
Imaging materials – Digital hard copy for medical imaging – Methods of measuring permanence

43.040.10 Električna i elektronička oprema

Europska normizacija CENELEC

- EN 50436-1
Alkohol-Interlocks – Prüfverfahren und Anforderungen an das Betriebsverhalten – Teil 1: Geräte für Programme mit Trunkenheitsfahrern
- EN 50436-2
Alkohol-Interlocks – Prüfverfahren und Anforderungen an das Betriebsverhalten – Teil 2: Geräte mit Mundstück zur Messung des Atemalkohols für den allgemein-präventiven Einsatz

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Europska normizacija CEN

CEN/TR 16596:2013-11
Electric-electronic interface between chassis-cab and bodywork of refuse collection vehicles (RCVs)

Međunarodna normizacija ISO

ISO 11898-6:2013-11
Road vehicles – Controller area network (CAN) – Part 6: High-speed medium access unit with selective wake-up functionality

43.040.80 Sustavi za zaštitu od sudara i držanje

Međunarodna normizacija ISO

ISO/TR 10982:2013-11
Road vehicles – Test procedures for evaluating out-of-position vehicle occupant interactions with deploying air bags

43.060.10 Blok motora i unutarnji sastavni dijelovi

Međunarodna normizacija ISO

ISO 6622-2:2013-11
Internal combustion engines – Piston rings – Part 2: Rectangular rings made of steel

43.060.50 Električna oprema. Upravljački sustavi

Međunarodna normizacija ISO

ISO 6550-3:2013-11
Road vehicles – Sheath-type glow-plugs with conical seating and their cylinder head housing – Part 3: M10 glow-plugs
ISO 28741:2013-11
Road vehicles – Spark-plugs and their cylinder head housings – Basic characteristics and dimensions

43.100 Osobna vozila. Kamp-prikolice i lake prikolice

Europska normizacija CEN

CWA 16697:2013-10
Car-Adaptations for Disabled Drivers – Requirements, test methods and best practise guidelines

Međunarodna normizacija ISO

ISO 13052:2013-114
Road vehicles – Trailers up to 3,5 t – Requirements for jockey wheels and drawbar supports

43.120 Električna cestovna vozila

Europska normizacija CENELEC

CWA 16688:2013-10
Battery Swap Systems Interfaces for Electric Vehicles

Međunarodna normizacija ISO

ISO 23828:2013-11
Fuel cell road vehicles – Energy consumption measurement – Vehicles fuelled with compressed hydrogen

43.160 Vozila za posebne namjene

Europske norme

CEN

CEN/TR 16596:2013-11
Electric-electronic interface between chassis-cab and bodywork of refuse collection vehicles (RCVs)

43.180 Oprema za dijagnostiku, održavanje i ispitivanje

Međunarodna normizacija ISO

ISO 14229-5:2013-11
Road vehicles – Unified diagnostic services (UDS) – Part 5: Unified diagnostic services on Internet Protocol implementation (UDSonIP)

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija CEN

EN 14067-4:2013-10
Railway applications – Aerodynamics – Part 4: Requirements and test procedures for aerodynamics on open track
EN 50553/AC:2013-10
Railway applications – Requirements for running capability in case of fire on board of rolling stock
EN 61881-3/A1:2013-11
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 3: Electric double-layer capacitors (IEC 61881-3:2012/A1:2013)
EN 62625-1:2013-11
Electronic railway equipment – On board driving data recording system – Part 1: System specification (IEC 62625-1:2013)

45.060.20 Vozila za tegljenje

Europska normizacija CEN

EN 15877-2:2013-10
Railway applications – Markings of railway vehicles – Part 2: External markings on coaches, motive power units, locomotives and on track machines

- EN 14841:2013-12
LPG equipment and accessories – Discharge procedures for LPG rail tankers
- EN 16362:2013-12
Railway applications – Ground based services – Water restocking equipment

47.020.30 Cjevovodni sustavi

Europska normizacija

CEN

- EN 1124-4:2013-10
Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for wastewater systems – Part 4: Components for vacuum drainage systems and for drainage systems on ships

47.020.60 Električna oprema brodova i pomorskih konstrukcija

Međunarodna normizacija

IEC

- IEC 60092-501:2013-10
Electrical installations in ships – Part 501: Special features – Electric propulsion plant

47.020.70 Oprema za navigaciju i upravljanje

Međunarodna normizacija

IEC

- IEC 61924-2 Corrigendum 1:2013-11
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; Corrigendum 1
49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija

CENELEC

- EN 60952-1:2013-10
Aircraft batteries – Part 1: General test requirements and performance levels (IEC 60952-1:2013)
- EN 60952-2:2013-10
Aircraft batteries – Part 2: Design and construction requirements (IEC 60952-2:2013)
- EN 60952-3:2013-10
Aircraft batteries – Part 3: Product specification and declaration of design and performance (DDP) (IEC 60952-3:2013)
49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija

CEN

- EN 303213-6-1 V 1.2.1: 013-11
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 6: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for deployed surface movement radar sensors – Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW

49.140 Svemirski sustavi i operacije

Međunarodna normizacija

ISO

- ISO 16290:2013-11
Space systems – Definition of the Technology Readiness Levels (TRLs) and their criteria of assessment
- ISO 16404:2013-11
Space systems – Programme management – Requirements management
- ISO 16781:2013-11
Space systems – Simulation requirements for control system
53.060 Industrijski prijevozni sustavi

Međunarodna normizacija

ISO

- ISO 22915-13 Technical Corrigendum 1:2013-11
Industrial trucks – Verification of stability – Part 13: Rough-terrain trucks with mast; Technical Corrigendum 1

55.060 Špule. Svitci

Europska normizacija

CENELEC

- EN 60286-3/AC:2013-10
Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes

59.060.20 Umjetna vlakna

Europska normizacija

CEN

- EN ISO 2076:2013-11
Textiles – Man-made fibres – Generic names (ISO 2076:2013)

Međunarodna normizacija

ISO

- ISO 2076:2013-11
Textiles – Man-made fibres – Generic names

59.120.10 Strojevi za pređenje, pletenje i tkanje

Međunarodna normizacija

ISO

- ISO 21485:2013-10
Textile machinery – Draw frame for cotton spinning – Vocabulary and principles of construction

59.140.30 Koža i krzno

Europska normizacija

CEN

- EN ISO 17489:2013-11
Leather – Chemical tests – Determination of tan content in synthetic tanning agents (ISO 17489:2013)

61.020 Odjeća

Europska normizacija

CEN

- EN 13402-3:2013-10
Size designation of clothes – Part 3: Body measurements and intervals

65.060.25 Oprema za skladištenje, pripremu i raspodjelu gnojiva

Europska normizacija

CEN

- EN 690:2013-10
Agricultural machinery – Manure spreaders – Safety

65.060.35 Oprema za navodnjavanje i isušivanje

Međunarodna normizacija

- ISO
ISO 9912-2:2013-11
Agricultural irrigation equipment – Filters for microirrigation – Part 2: Strainer-type filters and disc filters

65.060.70 Oprema za vrtlarstvo

Europska normizacija

CENELEC

- EN 15503+A1:2013-10
Garden equipment – Garden blowers, vacuums and blower/vacuums – Safety
- EN 60335-2-94
Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-94: Besondere Anforderungen für Grasscheren mit Scherblättern (IEC 60335-2-94:2008)

65.080 Gnojiva

Europska normizacija

CEN

- EN 12579:2013-10
Soil improvers and growing media – Sampling
- EN 12580:2013-10
Soil improvers and growing media – Determination of a quantity
- EN 16318:2013-10
Fertilizers – Determination of trace elements – Determination of chromium(VI) by photometry (method A) and by ion chromatography with spectrophotometric detection (method B)
- EN 16319:2013-10
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

67.050 Opće metode ispitivanja i analize hrane

Međunarodna normizacija

ISO

- ISO 13495:2013-11
Lebensmittel – Auswahlprinzipien und Validierungskriterien für Verfahren zur Sortenidentifizierung mit spezifischen auf Nukleinsäuren basierenden Verfahren
Foodstuffs – Principles
- ISO 16578:2013-11
Molecular biomarker analysis – General definitions and requirements for microarray detection of specific nucleic acid sequences

67.060 Žitarice, mahunarke i proizvodi od žitarica i mahunarka

Europska normizacija

CEN

- EN 15587+A1:2013-10
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 ISO 20483:2013-12
Cereals and pulses – Determination of the nitrogen content and calculation of the crude protein content – Kjeldahl method (ISO 20483:2013)

Međunarodna normizacija

ISO

- ISO 20483:2013-12
Cereals and pulses – Determination of the nitrogen content and calculation of the crude protein content – Kjeldahl method

67.100.10 Mlijeko i obrađeni mliječni proizvodi

Europska normizacija

CEN

- EN ISO 11816-1:2013-11
Milk and milk products – Determination of alkaline phosphatase activity – Part 1: Fluorimetric method for milk and milk-based drinks (ISO 11816-1:2013)

Međunarodna normizacija

ISO

- ISO 11816-1:2013-11
Milk and milk products – Determination of alkaline phosphatase activity – Part 1: Fluorimetric method for milk and milk-based drinks

67.250 Gradiva i proizvodi u dodiru s hranom

Europska normizacija

CEN

- EN 15664-1+A1:2013-11
Influence of metallic materials on water intended for human consumption – Dynamic rig test for assessment of metal release – Part 1: Design and operation

71.040.10 Kemijski laboratoriji. Laboratorijska oprema

Europska normizacija CEN

CEN/TR 16589:2013-10
Laboratory installations – Capture devices with articulated extract arm

71.040.20 Laboratorijsko posuđe i odgovarajuća aparatura

Međunarodna normizacija IEC

IEC 61010-1 Corrigendum 2:2013-10
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements; Corrigendum 2

71.040.40 Kemijska analiza

Europska normizacija CENELEC

EN 50436-1
Alkohol-Interlocks – Prüfverfahren und Anforderungen an das Betriebsverhalten – Teil 1: Geräte für Programme mit Trunkenheitsfahrern

EN 50436-2
Alkohol-Interlocks – Prüfverfahren und Anforderungen an das Betriebsverhalten – Teil 2: Geräte mit Mundstück zur Messung des Atemalkohols für den allgemein-präventiven Einsatz

EN 61207-7
Angabe zum Betriebsverhalten von Gasanalysatoren – Teil 7: Gasanalysatoren mit abstimmbaren Halbleiterlasern (IEC 61207-7:2013)

Međunarodna normizacija ISO

ISO 13424:2013-10
Surface chemical analysis – X-ray photoelectron spectroscopy – Reporting of results of thin-film analysis

ISO 18115-1:2013-11
Surface chemical analysis – Vocabulary – Part 1: General terms and terms used in spectroscopy

ISO 18115-2:2013-11
Surface chemical analysis – Vocabulary – Part 2: Terms used in scanning-probe microscopy

71.100.50 Kemikalije za zaštitu drveta

Europska normizacija CEN

EN 118:2013-11
Wood preservatives – Determination of preventive action against Reticulitermes species (European termites) (Laboratory method)

EN 599-1+A1:2013-12
Durability of wood and wood-based products – Efficacy of preventive wood preservatives as determined by biological tests – Part 1: Specification according to use class

71.100.60 Eterična ulja

Europska normizacija CEN

EN ISO 9235:2013-12
Aromatic natural raw materials – Vocabulary (ISO 9235:2013)

Međunarodna normizacija ISO

ISO 9841:2013-10
Ysopöl (Hyssopus officinalis L. ssp. officinalis)
Essential oil of hyssop (Hyssopus officinalis L. ssp. officinalis)

71.100.70 Kozmetika. Toaletne potrepštine

Međunarodna normizacija ISO

ISO 28888:2013-10
Dentistry – Screening method for erosion potential of oral rinses on dental hard tissues

71.100.80 Kemikalije za pročišćivanje vode

Europska normizacija CEN

EN 16401:2013-10
Chemicals used for treatment of swimming pool water – Sodium chloride used for electrochlorinator systems

75.060 Prirodni plin

Europska normizacija CEN

EN ISO 13734:2013-11
Natural gas – Organic components used as odorants – Requirements and test methods (ISO 13734:2013)

Međunarodna normizacija ISO

ISO 13734:2013-11
Natural gas – Organic components used as odorants – Requirements and test methods

ISO/TR 16922:2013-11
Natural gas – Odorization

75.160.10 Kruta goriva

Međunarodna normizacija ISO

ISO 334:2013-10
Solid mineral fuels – Determination of total sulfur – Eschka method

75.160.20 Tekuća goriva

Europska normizacija

CEN

- EN 16423:2013-10
Flüssiggas – Bestimmung gelöster Rückstände –
Gaschromatographisches Prüfverfahren durch
Direkteinspritzung von Flüssigkeit auf die Säule
Liquefied petroleum

75.180.01 Oprema za naftnu industriju i industriju prirodnoga plina općenito

Međunarodna normizacija

ISO

- ISO/TR 12489:2013-11
Petroleum, petrochemical and natural gas industries –
Reliability modelling and calculation of safety systems

75.180.10 Oprema za iskorištavanje i vađenje

Međunarodna normizacija

ISO

- ISO/TR 19905-2:2012-12
Petroleum and natural gas industries – Site-specific
assessment of mobile offshore units – Part 2: Jack-ups
commentary and detailed sample calculation

75.180.30 Oprema za obujamska mjerenja i mjerenja

Europska normizacija

CEN

- EN ISO 8311:2013-12
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 8311:2013)

Međunarodna normizacija

ISO

- ISO 8311:2013-12
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

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Međunarodna normizacija

ISO

- ISO/TR 12489:2013-11
Petroleum, petrochemical and natural gas industries –
Reliability modelling and calculation of safety systems

77.040.10 Mehaničko ispitivanje metala

Europska normizacija

CEN

- EN ISO 8492:2013-11
Metallic materials – Tube – Flattening test
(ISO 8492:2013)
EN ISO 8494:2013-11
Metallic materials – Tube – Flanging test
(ISO 8494:2013)
EN ISO 8495:2013-11
Metallic materials – Tube – Ring-expanding test
(ISO 8495:2013)
EN ISO 8496:2013-11
Metallic materials – Tube – Ring tensile test
(ISO 8496:2013)
EN ISO 20482:2013-11
Metallic materials – Sheet and strip – Erichsen
cupping test (ISO 20482:2013)

Međunarodna normizacija

ISO

- ISO 7802:2013-11
Metallic materials – Wire – Wrapping test
ISO 8492:2013-11
Metallic materials – Tube – Flattening test
ISO 8494:2013-11
Metallic materials – Tube – Flanging test
ISO 8495:2013-11
Metallic materials – Tube – Ring-expanding test
ISO 8496:2013-11
Metallic materials – Tube – Ring tensile test
ISO 20482:2013-11
Metallic materials – Sheet and strip – Erichsen cupping
test

77.040.20 Nerazorno ispitivanje metala

Europska normizacija

CEN

- EN ISO 5579:2013-12
Non-destructive testing – Radiographic testing of
metallic materials using film and X- or gamma rays –
Basic rules (ISO 5579:2013)

Međunarodna normizacija

ISO

- ISO 5579:2013-12
Non-destructive testing – Radiographic testing of
metallic materials using film and X- or gamma rays –
Basic rules

77.040.30 Kemijska analiza metala

Europska normizacija

CEN

- EN 10211:2013-11
Chemical analysis of ferrous materials – Determination
of titanium in steels and cast irons – Flame atomic
absorption spectrometric method

77.120.40 Nikal, krom i njihove legure

Europska normizacija

CEN

- EN 10269:2013-10
Steels and nickel alloys for fasteners with specified elevated and/or low temperature properties

77.140.01 Proizvodi od željeznog lijeva i čelika općenito

Međunarodna normizacija

ISO

- ISO 6929:2013-11
Steel products – Vocabulary

77.140.20 Čelici visoke kvalitete

Europska normizacija

CEN

- EN 10269:2013-10
Steels and nickel alloys for fasteners with specified elevated and/or low temperature properties
79.020 Procesi drvne tehnologije

Međunarodna normizacija

ISO

- ISO 8965:2013-10
Logging industry – Technology – Terms and definitions

79.120.10 Strojevi za obradu drva

Europska normizacija

CEN

- EN 1870-11:2013-10
Safety of woodworking machines – Circular sawing machines – Part 11: Semi automatic horizontal cross-cut sawing machines with one saw unit (radial arm saws)
- EN 1870-12:2013-10
Safety of woodworking machines – Circular sawing machines – Part 12: Pendulum cross-cut sawing machines
- EN 1870-19:2013-11
Safety of woodworking machines – Circular sawing machines – Part 19: Circular saw benches (with and without sliding table) and building site saws

81.060.30 Tehnička keramika

Međunarodna normizacija

ISO

- ISO 14605:2013-10
Fine ceramics (advanced ceramics, advanced technical ceramics) – Light source for testing semiconducting photocatalytic materials used under indoor lighting environment

83.060 Guma

Međunarodna normizacija

ISO

- ISO 6914:2013-12
Rubber, vulcanized or thermoplastic – Determination of ageing characteristics by measurement of stress relaxation in tension

83.080.20 Plastomerni materijali

Europska normizacija

CEN

- EN ISO 306:2013-11
Plastics – Thermoplastic materials – Determination of Vicat softening temperature (VST) (ISO 306:2013)

Međunarodna normizacija

ISO

- ISO 306:2013-11
Plastics – Thermoplastic materials – Determination of Vicat softening temperature (VST)

83.140.10 Filmovi i ploče

Europska normizacija

CEN

- EN 16240:2013-12
Light transmitting flat solid polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings – Requirements and test methods

83.140.20 Lamelne ploče

Europska normizacija

CEN

- EN 438-9+A1:2013-10
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 9: Classification and specifications for alternative core laminates

83.180 Adhezivi

Europska normizacija

CEN

- EN 16254:2013-10
Adhesives – Emulsion polymerized isocyanate (EPI) for load-bearing timber structures – Classification and performance requirements
- EN 13999-1:2013-12
Adhesives – Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application – Part 1: General procedure
- EN 13999-2:2013-12
Adhesives – Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application – Part 2: Determination of volatile organic compounds

Međunarodna normizacija

ISO

- ISO 10123:2013-11
Adhesives – Determination of shear strength of anaerobic adhesives using pin-and-collar specimens

ISO 13007-2:2013-11
Ceramic tiles – Grouts and adhesives – Part 2: Test methods for adhesives

85.040 Celuloza

Međunarodna normizacija ISO

ISO/TR 11371:2013-10
Pulps – Basic guidelines for laboratory refining

85.060 Papir i karton

Međunarodna normizacija ISO

ISO 5636-3:2013-11
Paper and board – Determination of air permeance (medium range) – Part 3: Bendtsen method
Ersatz für ISO 5636-3:1992-09

ISO 5636-4:2013-11
Paper and board – Determination of air permeance (medium range) – Part 4: Sheffield method
Ersatz für ISO 5636-4:2005-02

ISO 5636-5:2013-11
Paper and board – Determination of air permeance (medium range) – Part 5: Gurley method

87.040 Boje i lakovi

Europska normizacija CEN

EN 16402:2013-10
Paints and varnishes – Assessment of emissions of substances from coatings into indoor air – Sampling, conditioning and testing

EN ISO 16474-1:2013-11
Paints and varnishes – Methods of exposure to laboratory light sources – Part 1: General guidance (ISO 16474-1:2013)

EN ISO 16474-2:2013-11
Paints and varnishes – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps (ISO 16474-2:2013)

EN ISO 16474-3:2013-11
Paints and varnishes – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps (ISO 16474-3:2013)

Međunarodna normizacija ISO

ISO 16474-1:2013-11
Paints and varnishes – Methods of exposure to laboratory light sources – Part 1: General guidance

ISO 16474-2:2013-11
Paints and varnishes – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps

ISO 16474-3:2013-11
Paints and varnishes – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps

ISO 16474-4:2013-11
Paints and varnishes – Methods of exposure to laboratory light sources – Part 4: Open-flame carbon-arc lamps

87.100 Oprema za premazivanje bojom

Europska normizacija CEN

EN 50050-1:2013-11
Electrostatic hand-held spraying equipment – Safety requirements – Part 1: Hand-held spraying equipment for ignitable liquid coating materials

EN 50050-2:2013-11
Electrostatic hand-held spraying equipment – Safety requirements – Part 2: Hand-held spraying equipment for ignitable coating powder

EN 50050-3:2013-11
Electrostatic hand-held spraying equipment – Safety requirements – Part 3: Hand-held spraying equipment for ignitable flock

91.010.30 Tehnički aspekti

Europska normizacija CEN

EN 1997-1/A1:2013-11
Eurocode 7: Geotechnical design – Part 1: General rules

EN 1999-1-1/A2:2013-12
Eurocode 9: Design of aluminium structures – Part 1-1: General structural rules

91.010.99 Drugi aspekti

Europska normizacija CEN

EN 15804+A1:2013-11
Sustainability of construction works – Environmental product declarations – Core-rules for the product category of construction products

91.040.01 Građevine općenito

Međunarodna normizacija ISO

ISO 13675:2013-11
Heating systems in buildings – Method and design for calculation of the system energy performance – Combustion systems (boilers)

ISO/TR 21932:2013-11
Sustainability in buildings and civil engineering works – A review of terminology

91.060.10 Zidovi. Pregrade. Pročelja

Europska normizacija CEN

EN 16240:2013-12
Light transmitting flat solid polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings – Requirements and test methods

91.060.20 Krovovi

Međunarodna normizacija ISO

ISO 12468-1:2013-11
External exposure of roofs to fire – Part 1: Test method

ISO 12468-2:2013-11
External exposure of roofs to fire – Part 2: Classification of roofs

91.060.40 Dimnjaci, okna, kanali

Europska normizacija CEN

EN 14471:2013-11
Chimneys – System chimneys with plastic flue liners – Requirements and test methods

91.080.10 Metalne konstrukcije

Europska normizacija CEN

EN 1999-1-1/A2:2013-12
Eurocode 9: Design of aluminium structures – Part 1-1: General structural rules

91.100.10 Cement. Gips. Vapno. Žbuka

Međunarodna normizacija ISO

ISO 13007-4:2013-10
Ceramic tiles – Grouts and adhesives – Part 4: Test methods for grouts

91.100.23 Keramičke pločice

Međunarodna normizacija ISO

ISO 13007-4:2013-10
Ceramic tiles – Grouts and adhesives – Part 4: Test methods for grouts
ISO 13007-2:2013-11
Ceramic tiles – Grouts and adhesives – Part 2: Test methods for adhesives

91.100.30 Beton i betonski proizvodi

Europska normizacija CEN

EN 12390-13:2013-10
Testing hardened concrete – Part 13: Determination of secant modulus of elasticity in compression
EN 206:2013-12
Beton – Festlegung, Eigenschaften, Herstellung und Konformität
Concrete – Specification, performance, production and conformity

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija CEN

CEN/TR 16625:2013-12
Flexible sheets for waterproofing – Statistical definition of manufacturer's limiting value and declared value (MLV and MDV) – 95 % Statistic

91.120.10 Toplinska izolacija

Međunarodna normizacija ISO

ISO 16346:2013-10
Energy performance of buildings – Assessment of overall energy performance

91.120.25 Zaštita od seizmičkih djelovanja i vibracija

Europska normizacija CEN

EN 81-77:2013-11
Safety rules for the construction and installations of lifts – Particular applications for passenger and goods passenger lifts – Part 77: Lifts subject to seismic conditions

91.140.10 Sustavi centralnoga grijanja

Međunarodna normizacija ISO

ISO 13675:2013-11
Heating systems in buildings – Method and design for calculation of the system energy performance – Combustion systems (boilers)

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija CENELEC

EN 62056-3-1
Datenkommunikation der elektrischen Energiemessung – DLMS/COSEM – Teil 3-1: Nutzung lokaler Netzwerke mit Trägerfrequenz-Signalübertragung auf verdrehten Zweidrahtleitungen

91.140.90 Dizala. Pokretne stube

Europska normizacija CEN

EN 81-77:2013-11
Safety rules for the construction and installations of lifts – Particular applications for passenger and goods passenger lifts – Part 77: Lifts subject to seismic conditions

91.220 Građevna oprema

Europska normizacija CEN

EN 12811-4:2013-11
Temporary works equipment – Part 4: Protection fans for scaffolds – Performance requirements and product design

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Europska normizacija CEN

EN 1997-1/A1:2013-11
Eurocode 7: Geotechnical design – Part 1: General rules

93.030 Vanjski kanalizacijski sustavi

Europska normizacija CEN

EN 15383+A1:2013-10
Plastics piping systems for drainage and sewerage – Glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) – Manholes and inspection chambers

93.080.30 Cestovna oprema i instalacije

Međunarodna normizacija ISO

IWA 14-1:2013-11
Vehicle security barriers – Part 1: Performance requirement, vehicle impact test method and performance rating
IWA 14-2:2013-11
Vehicle security barriers – Part 2: Application

97.030 Kućanski električni uređaji općenito

Europska normizacija CENELEC

EN 60335-2-110
Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-110: Besondere Anforderungen für gewerbliche Mikrowellengeräte mit Einführ- oder Kontaktpublikatoren (Antennensystemen) (IEC 60335-2-110:2013)

97.060 Praonički uređaji

Europska normizacija CENELEC

EN 60335-2-7/A11:2013-10
Household and similar electrical appliances – Part 2-7: Particular requirements for washing machines

97.100.10 Električni grijači

Europska normizacija CENELEC

EN 12098-3:2013-10
Controls for heating systems – Part 3: Control equipment for electrical heating systems

97.100.20 Plinski grijači

Europska normizacija CENELEC

EN 13278:2013-10
Open fronted gas-fired independent space heaters

97.120 Automatsko upravljanje za kućansku uporabu (ESHG)

Europska normizacija CENELEC

EN 12098-3:2013-10
Controls for heating systems – Part 3: Control equipment for electrical heating systems

Međunarodna normizacija IEC

IEC 60669-2-5:2013-10
Switches for household and similar fixed electrical installations – Part 2-5: Particular requirements – Switches and related accessories for use in home and building electronic systems (HBES)

IEC 60730-1:2013-11
Automatic electrical controls – Part 1: General requirements

IEC 60730-2-5:2013-11
Automatic electrical controls – Part 2-5: Particular requirements for automatic electrical burner control systems

97.140 Namještaj

Europska normizacija CEN

EN 12720+A1:2013-10
Furniture – Assessment of surface resistance to cold liquids

EN 12721+A1:2013-10
Furniture – Assessment of surface resistance to wet heat

EN 12722+A1:2013-10
Furniture – Assessment of surface resistance to dry heat

97.150 Netekstilni podni prekrivači

Europska normizacija CEN

EN ISO 10581:2013-10
Resilient floor coverings – Homogeneous poly(vinyl chloride) floor covering – Specifications (ISO 10581:2011)

97.220.40 Oprema za sportove na otvorenom i sportove na vodi

Europska normizacija CEN

EN 926-2:2013-11
Paragliding equipment – Paragliders – Part 2: Requirements and test methods for classifying flight safety characteristics

EN 12270:2013-11
Mountaineering equipment – Chocks – Safety requirements and test methods

EN 12276:2013-11
Mountaineering equipment – Frictional anchors – Safety requirements and test methods