

Hrvatski zavod za norme

Oglasnik za normativne dokumente

5/2014 listopad, 2014.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

A83

3 Popis radnih dokumenata Codex Alimentarius

4 Obavijesti HZN-a

4.1	Cjenik hrvatskih norma	
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Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 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 1092-1:2013/Isp.1:2014 en pr
Prirubnice i njihovi spojevi – Kružne prirubnice za cijevi, ventile, spojne dijelove i pribor, označene PN oznakom – 1. dio: Čelične prirubnice (EN 1092-1:2007+A1:2013/AC:2014)
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, PN designated – Part 1: Steel flanges (EN 1092-1:2007+A1:2013/AC:2014)

HRN EN 1514-2:2014 en pr
Prirubnice i njihovi spojevi – Brtve za prirubnice s PN-oznakom – 2. dio: Spiralne brtve za uporabu s čeličnim prirubnicama (EN 1514-2:2014)
Flanges and their joints – Gaskets for PN-designated flanges – Part 2: Spiral wound gaskets for use with steel flanges (EN 1514-2:2014)

HRN EN 14901:2014 en pr
Duktilne željezne cijevi, spojni dijelovi i pribor – Epoksidne obloge (za teške uvjete) za spojne dijelove i pribor od duktilnog željeza – Zahtjevi i metode ispitivanja (EN 14901:2014)
Ductile iron pipes, fittings and accessories – Epoxy coating (heavy duty) of ductile iron fittings and accessories – Requirements and test methods (EN 14901:2014)

HZNTO 6, Papir, karton i pulpe

HRN EN ISO 2758:2014 en pr
Papir – Određivanje otpornosti jačine pucanja (ISO 2758:2014; EN ISO 2758:2014)
Paper – Determination of bursting strength (ISO 2758:2014; EN ISO 2758:2014)

HZNTO 8, Brodogradnja

HRN EN 1570-1:2014 en pr
Sigurnosni zahtjevi za podizne platforme – 1. dio: Podizne platforme za opsluživanje do dvije fiksne površine (EN 1570-1:2011+A1:2014)
Safety requirements for lifting tables – Part 1: Lifting tables serving up to two fixed landings (EN 1570-1:2011+A1:2014)

HRN EN ISO 6185-3:2014 en pr
Brodice na napuhavanje – 3. dio: Brodice duljine trupa manje od 8 m najveće snage motora 15 kW i više (ISO 6185-3:2014; EN ISO 6185-3:2014)
Inflatable boats – Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014; EN ISO 6185-3:2014)

HZNTO 21, Protupožarna i vatrogasna oprema

HRN EN 694:2014 en pr
Vatrogasne cijevi – Polukrute cijevi za stabilne sustave (EN 694:2014)
Fire-fighting hoses – Semi-rigid hoses for fixed systems (EN 694:2014)

HRN EN 14540:2014 en pr
Vatrogasne cijevi – Nepropusne plosnate cijevi za stabilne sustave (EN 14540:2014)
Fire-fighting hoses – Non-percolating layflat hoses for fixed systems (EN 14540:2014)

HZNTO 22, Cestovna vozila

HRN ISO 2698:2014 en pr
Dizelski motori – Ubrizgači goriva pričvršćeni stezaljkom, tipovi 7 i 28 (ISO 2698:2013)
Diesel engines – Clamp-mounted fuel injectors, types 7 and 28 (ISO 2698:2013)

HRN ISO 2974:2014 en pr
Dizelski motori – Unutarnji (ženski) stošci od 60 stupnjeva za sastavne dijelove ubrizgavanja goriva pod visokim tlakom (ISO 2974:2013)
Diesel engines – 60 degree female cones for high-pressure fuel injection components (ISO 2974:2013)

HRN ISO 3324-1:2014 en pr
Gume i naplatci za zrakoplove – 1. dio: Specifikacije (ISO 3324-1:2013)
Aircraft tyres and rims – Part 1: Specifications (ISO 3324-1:2013)

HRN ISO 3324-2:2014 en pr
Gume i naplatci za zrakoplove – 2. dio: Metode ispitivanja guma (ISO 3324-2:2013)
Aircraft tyres and rims – Part 2: Test methods for tyres (ISO 3324-2:2013)

HRN ISO 3560:2014 en pr
Cestovna vozila – Postupak ispitivanja čelnog udara u nepomičnu zapreku ili u stup (ISO 3560:2013)
Road vehicles – Frontal fixed barrier or pole impact test procedure (ISO 3560:2013)

HRN ISO 3888-2:2014 en pr
Osobni automobili – Ispitna staza za manevar nagle promjene prometnoga traka – 2. dio: Izbjegavanje zapreke (ISO 3888-2:2011)
Passenger cars – Test track for a severe lane-change manoeuvre – Part 2: Obstacle avoidance (ISO 3888-2:2011)

HRN ISO 4000-1:2014 en pr
Gume i naplatci za osobne automobile – 1. dio: Gume (milimetarski nizovi) (ISO 4000-1:2013)
Passenger car tyres and rims – Part 1: Tyres (metric series) (ISO 4000-1:2013)

HRN ISO 4000-2:2014 en pr
Gume i naplatci za osobne automobile – 2. dio: Naplatci (ISO 4000-2:2013)
Passenger car tyres and rims – Part 2: Rims (ISO 4000-2:2013)

HRN ISO 6312:2014 en pr
Cestovna vozila – Kočničke obloge – Postupak ispitivanja na smik sklopova pločica kočnica s diskom i sklopova papuča kočnica s bubnjem (ISO 6312:2010)
Road vehicles – Brake linings – Shear test procedure for disc brake pad and drum brake shoe assemblies (ISO 6312:2010)

HRN ISO 10392:2014 en pr
Cestovna vozila – Određivanje težišta (ISO 10392:2011)
Road vehicles – Determination of centre of gravity (ISO 10392:2011)

- HRN ISO 10597:2014 en pr
Cestovna vozila – Matice s ravnim sjedištem za pričvršćenje kod gospodarskih vozila – Metode ispitivanja (ISO 10597:2012)
Road vehicles – Flat attachment fixing nuts for commercial vehicles – Test methods (ISO 10597:2012)
- HRN ISO 11452-4:2014 en pr
Cestovna vozila – Metode ispitivanja sastavnica na električne smetnje od uskopojasnoga zračenja elektromagnetske energije – 4. dio: Metode uzbuđivanja kabluskoga snopa (ISO 11452-4:2011)
Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 4: Harness excitation methods (ISO 11452-4:2011)
- HRN ISO 11838:2003/A1:2014 en pr
Kinematika motocikla i motociklista – Rječnik – Amandman 1 (ISO 11838:1997/Amd 1:2011)
Motorcycle and motorcycle-rider kinematics – Vocabulary – Amendment 1 (ISO 11838:1997/Amd 1:2011)
- HRN ISO 12214:2014 en pr
Cestovna vozila – Stereotipni pravci gibanja za ručne upravljačke naprave u automobilu (ISO 12214:2010)
Road vehicles – Direction-of-motion stereotypes for automotive hand controls (ISO 12214:2010)
- HRN ISO 12345:2014 en pr
Dizelski motori – Ocjena čistoće opreme za ubrizgavanje goriva (ISO 12345:2013)
Diesel engines – Cleanliness assessment of fuel injection equipment (ISO 12345:2013)
- HRN ISO 12357-1:2014 en pr
Gospodarska cestovna vozila – Spojnice i ušice ruda za kruta ruda – 1. dio: Ispitivanja čvrstoće za prikolice sa središnjom osovinom za opći teret (ISO 12357-1:1999+Cor 1:2007)
Commercial road vehicles – Drawbar couplings and eyes for rigid drawbars – Part 1: Strength tests for general cargo centre-axle trailers (ISO 12357-1:1999+Cor 1:2007)
- HRN ISO 12357-2:2014 en pr
Gospodarska cestovna vozila – Spojnice i ušice ruda za kruta ruda – 2. dio: Ispitivanja čvrstoće za posebne primjene (ISO 12357-2:2007)
Commercial road vehicles – Drawbar couplings and eyes for rigid drawbars – Part 2: Strength tests for special applications (ISO 12357-2:2007)
- HRN EN 12645:2014 en pr
Mjerila tlaka u gumama – Uređaji za nadzor tlaka i/ili napuhivanje guma za motorna vozila – Mjerenje, zahtjevi i ispitivanje (EN 12645:2014)
Tyre pressure measuring instruments – Devices for inspection of pressure and/or inflation / deflation of tyres for motor vehicles – Metrology, requirements and testing (EN 12645:2014)
- HRN ISO 14229-2:2014 en pr
Cestovna vozila – Jedinstveno dijagnostičko posluživanje (UDS) – 2. dio: Posluživanje sloja povezivanja (ISO 14229-2:2013)
Road vehicles – Unified diagnostic services (UDS) – Part 2: Session layer services (ISO 14229-2:2013)
- HRN ISO 14230-2:2014 en pr
Cestovna vozila – Dijagnostička veza preko K-linije (DoK-Line) – 2. dio: Sloj podatkovne veze (ISO 14230-2:2013)
Road vehicles – Diagnostic communication over K-line (DoK-Line) – Part 2: Data link layer (ISO 14230-2:2013)
- HRN ISO 14722:2004/A1:2014 en pr
Kinematika mopeda i mopedista – Rječnik – Amandman 1 (ISO 14722:1998/Amd 1:2011)
Moped and moped-rider kinematics – Vocabulary – Amendment 1 (ISO 14722:1998/Amd 1:2011)
- HRN ISO 15031-6:2014 en pr
Cestovna vozila – Prijenos podataka između vozila i vanjske opreme za dijagnostiku koja se odnosi na emisiju – 6. dio: Definicije dijagnostičkih kodova pogrešaka (ISO 15031-6:2010)
Road vehicles – Communication between vehicle and external equipment for emissions-related diagnostics – Part 6: Diagnostic trouble code definitions (ISO 15031-6:2010)
- HRN ISO 15031-7:2014 en pr
Cestovna vozila – Prijenos podataka između vozila i vanjske opreme za dijagnostiku koja se odnosi na emisiju – 7. dio: Sigurnost podatkovne veze (ISO 15031-7:2013)
Road vehicles – Communication between vehicle and external equipment for emissions-related diagnostics – Part 7: Data link security (ISO 15031-7:2013)
- HRN ISO 15037-1:2014 en pr
Cestovna vozila – Metode ispitivanja dinamike vozila – 1. dio: Opći uvjeti za osobne automobile (ISO 15037-1:2006)
Road vehicles – Vehicle dynamics test methods – Part 1: General conditions for passenger cars (ISO 15037-1:2006)
- HRN ISO 15501-1:2014 en pr
Cestovna vozila – Sustavi za opskrbu stlačenim prirodnim plinom (SPP) – 1. dio: Sigurnosni zahtjevi (ISO 15501-1:2012)
Road vehicles – Compressed natural gas (CNG) fuel systems – Part 1: Safety requirements (ISO 15501-1:2012)
- HRN ISO 16844-1:2014 en pr
Cestovna vozila – Tahografski sustavi – 1. dio: Električni spojnici (ISO 16844-1:2013)
Road vehicles – Tachograph systems – Part 1: Electrical connectors (ISO 16844-1:2013)
- HRN EN ISO 18541-1:2014 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 1. dio: Opće informacije i definicija slučaja uporabe (use case) (ISO 18541-1:2014; EN ISO 18541-1:2014)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 1: General information and use case definition (ISO 18541-1:2014; EN ISO 18541-1:2014)
- HRN EN ISO 18541-2:2014 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 2. dio: Tehnički zahtjevi (ISO 18541-2:2014; EN ISO 18541-2:2014)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 2: Technical requirements (ISO 18541-2:2014; EN ISO 18541-2:2014)
- HRN EN ISO 18541-3:2014 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 3. dio: Zahtjevi za korisničko sučelje (ISO 18541-3:2014; EN ISO 18541-3:2014)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 3: Functional user interface requirements (ISO 18541-3:2014; EN ISO 18541-3:2014)

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

- HRN EN 690:2014 en pr
Poljoprivredna mehanizacija – Razbacivači gnojiva – Sigurnost (EN 690:2013)
Agricultural machinery – Manure spreaders – Safety (EN 690:2013)
- HRN EN 15503:2014 en pr
Oprema za vrtove i parkove – Vrti ventilatori, usisači i ventilatori/usisači – Sigurnost (EN 15503:2009+A1:2013)
Garden equipment – Garden blowers, vacuums and blower/vacuums – Safety (EN 15503:2009+A1:2013)
- HRN EN 16590-1:2014 en pr
Traktori i mehanizacija za poljoprivredu i šumarstvo – Sigurnosni dijelovi sustava za nadzor – 1. dio: Opća načela za projektiranje i razvoj (ISO 25119-1:2010, MOD; EN 16590-1:2014)
Tractors and machinery for agriculture and forestry – Safety-related parts of control systems – Part 1: General principles for design and development (ISO 25119-1:2010, MOD; EN 16590-1:2014)
- HRN EN 16590-2:2014 en pr
Traktori i mehanizacija za poljoprivredu i šumarstvo – Sigurnosni dijelovi sustava za nadzor – 2. dio: Faza koncepta (ISO 25119-2:2010, MOD; EN 16590-2:2014)
Tractors and machinery for agriculture and forestry – Safety-related parts of control systems – Part 2: Concept phase (ISO 25119-2:2010, MOD; EN 16590-2:2014)
- HRN EN 16590-3:2014 en pr
Traktori i mehanizacija za poljoprivredu i šumarstvo – Sigurnosni dijelovi sustava za nadzor – 3. dio: Razvoj nizova, hardvera i softvera (ISO 25119-3:2010, MOD; EN 16590-3:2014)
Tractors and machinery for agriculture and forestry – Safety-related parts of control systems – Part 3: Series development, hardware and software (ISO 25119-3:2010, MOD; EN 16590-3:2014)
- HRN EN 16590-4:2014 en pr
Traktori i mehanizacija za poljoprivredu i šumarstvo – Sigurnosni dijelovi sustava za nadzor – 4. dio: Proizvodnja, izvedba, modifikacija i postupci za podršku (ISO 25119-4:2010, MOD; EN 16590-4:2014)
Tractors and machinery for agriculture and forestry – Safety-related parts of control systems – Part 4: Production, operation, modification and supporting processes (ISO 25119-4:2010, MOD; EN 16590-4:2014)

HZN/TO 25, *Ljevarstvo*

- HRN EN 1559-2:2014 en pr
Ljevarstvo – Tehnički uvjeti isporuke – 2. dio: Dodatni zahtjevi za čelične odljevke (EN 1559-2:2014)
Foundry – Technical conditions of delivery – Part 2: Additional requirements for steel castings (EN 1559-2:2014)

HZN/TO 28, *Naftni proizvodi i maziva*

- HRN EN 14214:2014/Ispr.1:2014 en pr
Tekući naftni proizvodi – Metilni esteri masnih kiselina (FAME) za dizelske motore i grijanje – Zahtjevi i metode ispitivanja (EN 14214:2012+A1:2014/AC: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/AC:2014)

HZN/TO 44, *Zavarivanje i srodni postupci*

- HRN EN ISO 5826:2014 en pr
Oprema za elektrootporno zavarivanje – Transformatori – Opće specifikacije koje se primjenjuju na sve transformatore (ISO 5826:2014; EN ISO 5826:2014)
Resistance welding equipment – Transformers – General specifications applicable to all transformers (ISO 5826:2014; EN ISO 5826:2014)
- HRN EN ISO 9539:2010/A1:2014 en pr
Oprema za plinsko zavarivanje – Materijali za opremu koja se upotrebljava pri plinskom zavarivanju, rezanju i srodnim postupcima (ISO 9539:2010/Amd 1:2013; EN ISO 9539:2010/A1:2013)
Gas welding equipment – Materials for equipment used in gas welding, cutting and allied processes (ISO 9539:2010/Amd 1:2013; EN ISO 9539:2010/A1:2013)
- HRN EN ISO 12671:2014 en pr
Toplinsko naštrcavanje – Toplinski naštrcane prevlake – Simbolički prikaz na crtežima (ISO 12671:2012; EN ISO 12671:2014)
Thermal spraying – Thermally sprayed coatings – Symbolic representation on drawings (ISO 12671:2012; EN ISO 12671:2014)
- HRN EN ISO 14114:2014 en pr
Oprema za plinsko zavarivanje – Acetilenski razdjelni sustavi za zavarivanje, rezanje i srodne postupke – Opći zahtjevi (ISO 14114:2014; EN ISO 14114:2014)
Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – General requirements (ISO 14114:2014; EN ISO 14114:2014)

HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije*

- HRN ISO 11620:2014 en pr
Informacije i dokumentacija – Pokazatelji učinka knjižnice (ISO 11620:2014)
Information and documentation – Library performance indicators (ISO 11620:2014)
- HRN ISO 12651-1:2014 en pr
Elektroničko upravljanje dokumentima – Terminološki rječnik – 1. dio: Digitalizacija dokumenata (ISO 12651-1:2012)
Electronic document management – Vocabulary – Part 1: Electronic document imaging (ISO 12651-1:2012)
- HRN EN 15943:2014 en pr
Format za razmjenu nastavnih programa (CEF) – Model podataka (EN 15943:2011)
Curriculum Exchange Format (CEF) – Data model (EN 15943:2011)
- HRN EN 15982:2014 en pr
Metapodaci za mogućnosti učenja (MLO) – Oglašivanje (EN 15982:2011)
Metadata for Learning Opportunities (MLO) – Advertising (EN 15982:2011)
- HRN ISO 16439:2014 en pr
Informacije i dokumentacija – Metode i postupci za procjenu utjecaja knjižnica (ISO 16439:2014)
Information and documentation – Methods and procedures for assessing the impact of libraries (ISO 16439:2014)

HRN EN ISO/IEC 19796-1:2014 en pr
Informacijska tehnologija – Učenje, obrazovanje
i obučavanje – Upravljanje kvalitetom, jamstvo i
metrika – 1. dio: Opći pristup
(ISO/IEC 19796-1:2005; EN ISO/IEC 19796-1:2009)
Information technology – Learning, education and
training – Quality management, assurance and
metrics – Part 1: General approach
(ISO/IEC 19796-1:2005; EN ISO/IEC 19796-1:2009)

HZNTO 54, Eterična ulja

HRN EN ISO 9235:2013/Ispr.1:2014 en pr
Prirodne aromatične sirovine – Terminološki rječnik –
Tehnički ispravak 1 (ISO 9235:2013/Cor 1:2014;
EN ISO 9235:2013/AC:2014)
Aromatic natural raw materials – Vocabulary –
Technical Corrigendum 1
(ISO 9235:2013/Cor 1:2014;
EN ISO 9235:2013/AC:2014)

HZNTO 71, Beton

HRN EN 16502:2014 en pr
Metoda ispitivanja za određivanje stupnja kiselosti
tla prema Baumann-Gullyju (EN 16502:2014)
Test method for the determination of the degree of
soil acidity according to Baumann-Gully
(EN 16502:2014)

HZNTO 89, Furniri i drvene ploče

HRN EN 326-2:2014 en pr
Ploče na osnovi drva – Uzorkovanje, krojenje i
provjera – 2. dio: Početno ispitivanje tipa i tvornička
kontrola proizvodnje (EN 326-2:2010+A1:2014)
Wood-based panels – Sampling, cutting and
inspection – Part 2: Initial type testing and factory
production control (EN 326-2:2010+A1:2014)

HZNTO 92, Zaštita od požara

HRN EN 1366-1:2014 en pr
Ispitivanja otpornosti na požar instalacija – 1. dio:
Ventilacijski kanali (EN 1366-1:2014)
Fire resistance tests for service installations – Part 1:
Ventilation ducts (EN 1366-1:2014)

HRN EN 13381-1:2014 en pr
Metode ispitivanja za određivanje doprinosa
otpornosti na požar konstrukcijskih elemenata –
1. dio: Horizontalne zaštitne membrane
(EN 13381-1:2014)
Test methods for determining the contribution to the
fire resistance of structural members – Part 1:
Horizontal protective membranes
(EN 13381-1:2014)

HRN EN 13381-2:2014 en pr
Metode ispitivanja za određivanje doprinosa
otpornosti na požar konstrukcijskih elemenata –
2. dio: Vertikalne zaštitne membrane
(EN 13381-2:2014)
Test methods for determining the contribution to
the fire resistance of structural members – Part 2:
Vertical protective membranes (EN 13381-2:2014)

HZNTO 120, Koža i obuća

HRN EN ISO 2588:2014 en pr
Koža – Uzorkovanje – Broj uzoraka za dobivanje
reprezentativnog uzorka (ISO 2588:2014;
EN ISO 2588:2014)
Leather – Sampling – Number of items for a gross
sample (ISO 2588:2014; EN ISO 2588:2014)

HZNTO 121, Anestetička i respiracijska oprema

HRN EN 13718-1:2014 en pr
Medicinska vozila i njihova oprema – Zračna
ambulanta – 1. dio: Zahtjev za medicinske uređaje
koji se upotrebljavaju u zračnim ambulantama
(EN 13718-1:2014)
Medical vehicles and their equipment – Air
ambulances – Part 1: Requirements for medical
devices used in air ambulances (EN 13718-1:2014)

HZNTO 130, Grafička tehnologija

HRN ISO 12635:2014 en pr
Grafička tehnologija – Ploče za ofsetni tisak –
Dimenzije (ISO 12635:2008)
Graphic technology – Plates for offset printing –
Dimensions (ISO 12635:2008)

HRN ISO 12642-1:2014 en pr
Grafička tehnologija – Ulazni podaci za opisivanje
četverbojnoga procesnog otiskivanja – 1. dio:
Početni podaci (ISO 12642-1:2011)
Graphic technology – Input data for characterization
of four-colour process printing – Part 1: Initial data
set (ISO 12642-1:2011)

HRN ISO 12646:2014 en pr
Grafička tehnologija – Monitorski prikaz u svrhu
korekcije boja – Karakteristike i uvjeti za vizualni
pregled (ISO 12646:2008)
Graphic technology – Displays for colour proofing –
Characteristics and viewing conditions
(ISO 12646:2008)

HRN ISO 12647-1:2014 en pr
Grafička tehnologija – Kontrola postupaka za
proizvodnju rasterskih izvadaka, probnog i
proizvodnog otiska – 1. dio: Parametri i postupci
mjerjenja (ISO 12647-1:2013)
Graphic technology – Process control for the
production of half-tone colour separations, proof
and production prints – Part 1: Parameters and
measurement methods (ISO 12647-1:2013)

HRN ISO 12647-2:2014 en pr
Grafička tehnologija – Kontrola postupaka za
kontrolu rasterskih izvadaka, probnog i proizvodnog
otiska – 2. dio: Ofsetni litografski tisak
(ISO 12647-2:2013)
Graphic technology – Process control for the
production of half-tone colour separations, proof
and production prints – Part 2: Offset lithographic
processes (ISO 12647-2:2013)

HRN ISO 12647-3:2014 en pr
Grafička tehnologija – Kontrola postupaka za
kontrolu rasterskih izvadaka, probnog i proizvodnog
otiska – 3. dio: Novinski ofsetni tisak
(ISO 12647-3:2013)
Graphic technology – Process control for the
production of half-tone colour separations, proofs
and production prints – Part 3: Coldset offset
lithography on newsprint (ISO 12647-3:2013)

HRN ISO 13655:2014 en pr
Grafička tehnologija – Spektralna mjerenja i
kolorimetrijsko određivanje za grafičke reprodukcije
(ISO 13655:2009)
Graphic technology – Spectral measurement and
colorimetric computation for graphic arts images
(ISO 13655:2009)

HZN/TO 135, *Nerazorna ispitivanja*

- HRN EN 16392-2:2014 en pr
Nerazorno ispitivanje – Karakterizacija i provjera ultrazvučnih višepretvorničkih, fazno upravljanih sustava – 2. dio: Sonde (EN 16392-2:2014)
Non-destructive testing – Characterisation and verification of ultrasonic phased array equipment – Part 2: Probes (EN 16392-2:2014)
- HRN EN 16407-1:2014 en pr
Nerazorno ispitivanje – Radiografsko ispitivanje korozije i naslaga u cijevima upotrebom rendgenskog i gama zračenja – 1. dio: Radiografsko ispitivanje tangencijskom tehnikom (EN 16407-1:2014)
Non-destructive testing – Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays – Part 1: Tangential radiographic inspection (EN 16407-1:2014)
- HRN EN 16407-2:2014 en pr
Nerazorno ispitivanje – Radiografsko ispitivanje korozije i naslaga u cijevima upotrebom rendgenskog i gama zračenja – 2. dio: Radiografsko ispitivanje tehnikom dvostruke stijenke (EN 16407-2:2014)
Non-destructive testing – Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays – Part 2: Double wall radiographic inspection (EN 16407-2:2014)
- HRN EN ISO 16826:2014 en pr
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Ispitivanja nepravilnosti okomitih na površinu (ISO 16826:2012; EN ISO 16826:2014)
Non-destructive testing – Ultrasonic testing – Examination for discontinuities perpendicular to the surface (ISO 16826:2012; EN ISO 16826:2014)
- HRN EN ISO 16827:2014 en pr
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Karakterizacija i određivanje veličine prekidnosti (ISO 16827:2012; EN ISO 16827:2014)
Non-destructive testing – Ultrasonic testing – Characterization and sizing of discontinuities (ISO 16827:2012; EN ISO 16827:2014)
- HRN EN ISO 16828:2014 en pr
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Tehnika difrakcije kao metoda pronalaženja i procjene veličine prekidnosti (ISO 16828:2012; EN ISO 16828:2014)
Non-destructive testing – Ultrasonic testing – Time-of-flight diffraction technique as a method for detection and sizing of discontinuities (ISO 16828:2012; EN ISO 16828:2014)

HZN/TO 136, *Namještaj*

- HRS CEN/TS 16611:2014 en pr
Namještaj – Procjena otpornosti površine na mikroogrebotine (CEN/TS 16611:2014)
Furniture – Assessment of the surface resistance to microscratching (CEN/TS 16611:2014)

HZN/TO 145, *Grafički simboli*

- HRN ISO 7001:2008/A1:2014 en pr
Grafički simboli – Simboli javnog obavješćivanja (ISO 7001:2007/Amd 1:2013)
Graphical symbols – Public information symbols (ISO 7001:2007/Amd 1:2013)
- HRN ISO 7001:2008/A1:2014/Ispr.1:2014 enpr
Grafički simboli – Simboli javnog obavješćivanja (ISO 7001:2007/Amd 1:2013/Cor 1:2014)
Graphical symbols – Public information symbols (ISO 7001:2007/Amd 1:2013/Cor 1:2014)

HZN/TO 146, *Kvaliteta zraka*

- HRN EN 12341:2014 en pr
Ambient air – Standard gravimetric measurement method for the determination of the PM10 or PM2,5 mass concentration of suspended particulate matter (EN 12341:2014)
- HRN EN 14212:2012/Ispr.1:2014 en pr
Ambient air – Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence (EN 14212:2012/AC:2014)
- HRN EN ISO 16000-19:2014 en pr
Indoor air – Part 19: Sampling strategy for moulds (ISO 16000-19:2012; EN ISO 16000-19:2014)

HZN/TO 147, *Kvaliteta vode*

- HRN EN ISO 9308-1:2014 en pr
Kvaliteta vode – Brojenje *Escherichia coli* i koliformnih bakterija – 1. dio: Metoda membranske filtracije za vode s niskom pozadinom bakterijske flore (ISO 9308-1:2014; EN ISO 9308-1:2014)
Water quality – Enumeration of *Escherichia coli* and coliform bacteria – Part 1: Membrane filtration method for waters with low bacterial background flora (ISO 9308-1:2014; EN ISO 9308-1:2014)
- HRN EN 16493:2014 en pr
Kvaliteta vode – Nomenklaturni zahtjevi za bilježenje podataka o bioraznolikosti, za taksonomske kontrolne liste i ključeve za determinaciju (EN 16493:2014)
Water quality – Nomenclatural requirements for the recording of biodiversity data, taxonomic checklists and keys (EN 16493:2014)
- HRN EN 16503:2014 en pr
Kvaliteta vode – Savjetodavna norma za ocjenjivanje hidromorfoloških svojstava prijelaznih i obalnih voda (EN 16503:2014)
Water quality – Guidance standard on assessing the hydromorphological features of transitional and coastal waters (EN 16503:2014)

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

- HRN ISO 9696:2014 en pr
Kvaliteta vode – Mjerenje ukupne alfa aktivnosti u slatkoj vodi – Metoda debelog izvora (ISO 9696:2007)
Water quality – Measurement of gross alpha activity in non-saline water – Thick source method (ISO 9696:2007)
- HRN ISO 9697:2014 en pr
Kvaliteta vode – Mjerenje ukupne beta aktivnosti u slatkoj vodi – Metoda debelog izvora (ISO 9697:2008)
Water quality – Measurement of gross beta activity in non-saline water – Thick source method (ISO 9697:2008)
- HRN ISO 9698:2014 en pr
Kvaliteta vode – Određivanje koncentracije aktivnosti tricija – Metoda tekućinske scintilacije (ISO 9698:2010)
Water quality – Determination of tritium activity concentration – Liquid scintillation counting method (ISO 9698:2010)
- HRN ISO 10703:2014 en pr
Kvaliteta vode – Određivanje koncentracije aktivnosti radionuklida – Metoda visokorezolucijske gama-spektrometrije (ISO 10703:2007)
Water quality – Determination of the activity concentration of radionuclides – Method by high resolution gamma-ray spectrometry (ISO 10703:2007)

- HRN ISO 10704:2014 en pr
Kvaliteta vode – Mjerenje ukupne alfa i ukupne beta aktivnosti u slatkoj vodi – Metoda depozicije tankog izvora (ISO 10704:2009)
Water quality – Measurement of gross alpha and gross beta activity in non-saline water – Thin source deposit method (ISO 10704:2009)
- HRN ISO 11704:2014 en pr
Kvaliteta vode – Mjerenje ukupne alfa i beta koncentracije aktivnosti u slatkoj vodi – Metoda tekućinske scintilacije (ISO 11704:2010)
Water quality – Measurement of gross alpha and beta activity concentration in non-saline water – Liquid scintillation counting method (ISO 11704:2010)
- HRN ISO 13160:2014 en pr
Kvaliteta vode – Stroncij-90 i stroncij-89 – Metoda ispitivanja s upotrebom tekućinske scintilacije ili proporcionalnog brojenja (ISO 13160:2012)
Water quality – Strontium 90 and strontium 89 – Test methods using liquid scintillation counting or proportional counting (ISO 13160:2012)
- HRN ISO 13161:2014 en pr
Kvaliteta vode – Mjerenje koncentracije aktivnosti polonija-210 u vodi alfa-spektrometrijom (ISO 13161:2011)
Water quality – Measurement of polonium 210 activity concentration in water by alpha spectrometry (ISO 13161:2011)
- HRN ISO 13163:2014 en pr
Kvaliteta vode – Olovo-210 – Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO 13163:2013)
Water quality – Lead-210 – Test method using liquid scintillation counting (ISO 13163:2013)
- HRN ISO 13164-1:2014 en pr
Kvaliteta vode – Radon-222 – 1. dio: Opća načela (ISO 13164-1:2013)
Water quality – Radon-222 – Part 1: General principles (ISO 13164-1:2013)
- HRN ISO 13164-2:2014 en pr
Kvaliteta vode – Radon-222 – 2. dio: Metoda ispitivanja s upotrebom gama-spektrometrije (ISO 13164-2:2013)
Water quality – Radon-222 – Part 2: Test method using gamma-ray spectrometry (ISO 13164-2:2013)
- HRN ISO 13164-3:2014 en pr
Kvaliteta vode – Radon-222 – 3. dio: Metoda ispitivanja s upotrebom emanometrije (ISO 13164-3:2013)
Water quality – Radon-222 – Part 3: Test method using emanometry (ISO 13164-3:2013)
- HRN ISO 13165-1:2014 en pr
Kvaliteta vode – Radij-226 – 1. dio: Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO 13165-1:2013)
Water quality – Radium-226 – Part 1: Test method using liquid scintillation counting (ISO 13165-1:2013)
- HRN ISO 13166:2014 en pr
Kvaliteta vode – Izotopi urana – Metoda ispitivanja s upotrebom alfa-spektrometrije (ISO 13166:2014)
Water quality – Uranium isotopes – Test method using alpha-spectrometry (ISO 13166:2014)

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

- HRN EN ISO 9308-2:2014 en pr
Kvaliteta vode – Brojenje Escherichia coli i koliformnih bakterija – 2. dio: Metoda najvjerojatnijega broja (ISO 9308-2:2012; EN ISO 9308-2:2014)
Water quality – Enumeration of Escherichia coli and coliform bacteria – Part 2: Most probable number method (ISO 9308-2:2012; EN ISO 9308-2:2014)

HZN/TO 163, Toplinska izolacija

- HRS CEN/TS 15548-1:2014 en pr
Toplinsko – izolacijski proizvodi za opremu zgrade i industrijskih instalacija – Određivanje toplinskog otpora metodom zaštićene vruće ploče – 1. dio: Mjerenja na povišenim temperaturama od 100 °C do 850 °C (CEN/TS 15548-1:2014)
Thermal insulation products for building equipment and industrial installations – Determination of thermal resistance by means of the guarded hot plate method – Part 1: Measurements at elevated temperatures from 100 °C to 850 °C (CEN/TS 15548-1:2014)

HZN/TO 172, Optika i optički instrumenti

- HRN EN ISO 8598-1:2014 en pr
Optika i optički instrumenti – Fokometri – 1. dio: Instrumenti opće namjene (ISO 8598-1:2014; EN ISO 8598-1:2014)
Optics and optical instruments – Focimeters – Part 1: General purpose instruments (ISO 8598-1:2014; EN ISO 8598-1:2014)
- HRN EN ISO 10343:2014 en pr
Oftalmološki instrumenti – Oftalmometri (ISO 10343:2014; EN ISO 10343:2014)
Ophthalmic instruments – Ophthalmometers (ISO 10343:2014; EN ISO 10343:2014)
- HRN EN ISO 11979-2:2014 en pr
Oftalmološki implantanti – Intraokularne leće – 2. dio: Optička svojstva i metode ispitivanja (ISO 11979-2:2014; EN ISO 11979-2:2014)
Ophthalmic implants – Intraocular lenses – Part 2: Optical properties and test methods (ISO 11979-2:2014; EN ISO 11979-2:2014)
- HRN EN ISO 11979-7:2014 en pr
Oftalmološki implantanti – Intraokularne leće – 7. dio: Klinička istraživanja (ISO 11979-7:2014; EN ISO 11979-7:2014)
Ophthalmic implants – Intraocular lenses – Part 7: Clinical investigations (ISO 11979-7:2014; EN ISO 11979-7:2014)
- HRN EN ISO 11979-9:2006/A1:2014 en pr
Oftalmološki implantanti – Intraokularne leće – 9. dio: Višežarišne intraokularne leće (ISO 11979-9:2006/Amd 1:2014; EN ISO 11979-9:2006/A1:2014)
Ophthalmic implants – Intraocular lenses – Part 9: Multifocal intraocular lenses (ISO 11979-9:2006/Amd 1:2014; EN ISO 11979-9:2006/A1:2014)
- HRN EN ISO 11979-10:2008/A1:2014 en pr
Oftalmološki implantanti – Intraokularne leće – 10. dio: Intraokularne leće za afakiju (ISO 11979-10:2006/Amd 1:2014; EN ISO 11979-10:2006/A1:2014)
Ophthalmic implants – Intraocular lenses – Part 10: Phakic intraocular lenses (ISO 11979-10:2006/Amd 1:2014; EN ISO 11979-10:2006/A1:2014)
- HRN EN ISO 13212:2014 en pr
Oftalmološka optika – Proizvodi za održavanje kontaktnih leća – Smjernice za određivanje roka uporabe (ISO 13212:2014; EN ISO 13212:2014)
Ophthalmic optics – Contact lens care products – Guidelines for determination of shelf-life (ISO 13212:2014; EN ISO 13212:2014)

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

- HRN EN 81-20:2014 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za prijevoz osoba i tereta – 20. dio: Osobna dizala i teretna osobna dizala (EN 81-20:2014)
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 20: Passenger and goods passenger lifts (EN 81-20:2014)
- HRN EN 81-50:2014 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Pregledi i ispitivanja – 50. dio: Pravila projektiranja, proračuni, pregledi i ispitivanja dijelova dizala (EN 81-50:2014)
Safety rules for the construction and installation of lifts – Examinations and tests – Part 50: Design rules, calculations, examinations and tests of lift components (EN 81-50:2014)

HZN/TO 181, Sigurnost igračaka i proizvodi za djecu

- HRN EN 71-3:2014 en pr
Sigurnost igračaka – 3. dio: Otpuštanje određenih elemenata (EN 71-3:2013+A1:2014)
Safety of toys – Part 3: Migration of certain elements (EN 71-3:2013+A1:2014)
- HRI CEN/TR 15071:2014 en pr
Sigurnost igračaka – Nacionalni prijevodi upozorenja i upute za uporabu prema nizu norma EN 71 (CEN/TR 15071:2014)
Safety of toys – National translations of warnings and instructions for use in EN 71 series (CEN/TR 15071:2014)
- HRI CEN/TR 15371:2014 en pr
Sigurnost igračaka – Odgovori na upite povezane s tumačenjem EN 71-1, EN 71-2 i EN 71-8 (CEN/TR 15371:2014)
Safety of toys – Replies to requests for interpretation of EN 71-1, EN 71-2 and EN 71-8 (CEN/TR 15371:2014)

HZN/TO 184, Sustavi industrijske automatizacije i integracija

- HRN ISO 10303-41:2009/Ispr.1:2014 en pr
Sustavi industrijske automatizacije i integracija – Prikaz i razmjena podataka o proizvodu – 41. dio: Integrirano generičko sredstvo: Osnove opisa proizvoda i potpora – Tehnički ispravak 2 (ISO 10303-41:2005/Cor 2:2010)
Industrial automation systems and integration – Product data representation and exchange – Part 41: Integrated generic resource: Fundamentals of product description and support TECHNICAL CORRIGENDUM 2 (ISO 10303-41:2005/Cor 2:2010)

HZN/TO 190, Kvaliteta tla

- HRN ISO 11262:2014 en pr
Kvaliteta tla – Određivanje ukupnih cijanida (ISO 11262:2011)
Soil quality – Determination of total cyanide (ISO 11262:2011)
- HRS CEN ISO/TS 29843-2:2014 en pr
Kvaliteta tla – Određivanje mikrobne raznolikosti tla – 2. dio: Analiza masnih kiselina u fosfolipidima (PLFA) primjenom jednostavne metode ekstrakcije PLFA (ISO/TS 29843-2:2011; CEN ISO/TS 29843-2:2014)
Soil quality – Determination of soil microbial diversity – Part 2: Method by phospholipid fatty acid analysis (PLFA) using the simple PLFA extraction method (ISO/TS 29843-2:2011; CEN ISO/TS 29843-2:2014)

HZN/TO 219, Podne obloge

- HRN EN 16511:2014 en pr
Polukrute višeslojne ploče modularnih podnih obloga (MMF) s gornjim slojem otpornim na habanje (EN 16511:2014)
Loose-laid panels – Semi-rigid multilayer modular floor covering (MMF) panels with wear resistant top layer (EN 16511:2014)
- HRN CEN/TS 16641:2014 en pr
Tekstilne podne obloge – Smjernice za prihvatljivo odstupanje obojenja (CEN/TS 16641:2014)
Textile floor coverings – Guidelines for acceptable colour deviations (CEN/TS 16641:2014)

HZN/TO 228, Usluge u turizmu

- HRN EN ISO 24801-1:2014 en pr
Usluge rekreativnog ronjenja – Zahtjevi za obuku rekreativnih ronilaca sa samostalnom ronilačkom opremom – 1. dio: Razina 1 – Nadzirani ronilac (ISO 24801-1:2014; EN ISO 24801-1:2014)
Recreational diving services – Requirements for the training of recreational scuba divers – Part 1: Level 1 – Supervised diver (ISO 24801-1:2014; EN ISO 24801-1:2014)
- HRN EN ISO 24801-2:2014 en pr
Usluge rekreativnog ronjenja – Zahtjevi za obuku rekreativnih ronilaca sa samostalnom ronilačkom opremom – 2. dio: Razina 2 – Samostalni ronilac (ISO 24801-2:2014; EN ISO 24801-2:2014)
Recreational diving services – Requirements for the training of recreational scuba divers – Part 2: Level 2 – Autonomous diver (ISO 24801-2:2014; EN ISO 24801-2:2014)
- HRN EN ISO 24801-3:2014 en pr
Usluge rekreativnog ronjenja – Zahtjevi za obuku rekreativnih ronilaca sa samostalnom ronilačkom opremom – 3. dio: Razina 3 – Voditelj ronjenja (ISO 24801-3:2014; EN ISO 24801-3:2014)
Recreational diving services – Requirements for the training of recreational scuba divers – Part 3: Level 3 – Dive leader (ISO 24801-3:2014; EN ISO 24801-3:2014)
- HRN EN ISO 24802-1:2014 en pr
Usluge rekreativnog ronjenja – Zahtjevi za obuku instruktora ronjenja sa samostalnom ronilačkom opremom – 1. dio: Razina 1 (ISO 24802-1:2014; EN ISO 24802-1:2014)
Recreational diving services – Requirements for the training of scuba instructors – Part 1: Level 1 (ISO 24802-1:2014; EN ISO 24802-1:2014)
- HRN EN ISO 24802-2:2014 en pr
Usluge rekreativnog ronjenja – Zahtjevi za obuku instruktora ronjenja sa samostalnom ronilačkom opremom – 2. dio: Razina 2 (ISO 24802-2:2014; EN ISO 24802-2:2014)
Recreational diving services – Requirements for the training of scuba instructors – Part 2: Level 2 (ISO 24802-2:2014; EN ISO 24802-2:2014)

HZN/TO 238, Čvrsta biogoriva

- HRN EN ISO 16559:2014 en pr
Čvrsta biogoriva – Nazivlje, definicije i opisi (ISO 16559:2014; EN ISO 16559:2014)
Solid biofuels – Terminology, definitions and descriptions (ISO 16559:2014; EN ISO 16559:2014)

HZN/TO 502, *Plinski uređaji*

- HRN EN 203-2-7:2014 en pr
Plinski uređaji za velike kuhinje – Dio 2-7: Specifični zahtjevi – Salamander pećnice i roštilji s okretnim oševinama (EN 203-2-7:2014)
Gas heated catering equipment – Part 2-7: Specific requirements – Salamanders and rotisseries (EN 203-2-7:2014)
- HRN EN 1643:2014 en pr
Sigurnosni i kontrolni uređaji za plinske plamenike i plinske uređaje – Sustavi za nadzor ventila za automatske zaporne ventile (EN 1643:2014)
Safety and control devices for gas burners and gas burning appliances – Valve proving systems for automatic shut-off valves (EN 1643:2014)
- HRN EN 14459:2008/Ispr.1:2014 en pr
Kontrolne funkcije u elektroničkim sustavima za plinske plamenike i plinske uređaje – Metode za klasifikaciju i mjerenje (EN 14459:2007/AC:2009)
Control functions in electronic systems for gas burners and gas burning appliances – Methods for classification and assessment (EN 14459:2007/AC:2009)
- HRN EN 15502-2-2:2014 en pr
Plinski kotlovi za centralno grijanje – Dio 2-2: Posebna norma za tip B1 uređaja (EN 15502-2-2:2014)
Gas-fired central heating boilers – Part 2-2: Specific standard for type B1 appliances (EN 15502-2-2:2014)
- HRN EN 16436-1:2014 en pr
Gumena i plastična crijeva, cijevi i spojevi pri upotrebi propana, butana i njihovih mješavina u parnoj fazi – 1.dio: Crijeva i cjevovod i (EN 16436-1:2014)
Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixture in the vapour phase – Part 1: Hoses and tubings (EN 16436-1:2014)

HZN/TO 503, *Metalni materijali*

- HRN EN 754-2:2014 en pr
Aluminij i aluminijeve legure – Hladno vučene šipke i cijevi – 2. dio: Mehanička svojstva (EN 754-2:2013)
Aluminium and aluminium alloys – Cold drawn rod/bar and tube – Part 2: Mechanical properties (EN 754-2:2013)
- HRN EN 755-2:2014 en pr
Aluminij i aluminijeve legure – Istisnute šipke, cijevi i profili – 2. dio: Mehanička svojstva (EN 755-2:2013)
Aluminium and aluminium alloys – Extruded rod/bar, tube and profiles – Part 2: Mechanical properties (EN 755-2:2013)
- HRN EN ISO 6506-1:2014 en pr
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 1. dio: Metoda ispitivanja (ISO 6506-1:2014; EN ISO 6506-1:2014)
Metallic materials – Brinell hardness test – Part 1: Test method (ISO 6506-1:2014; EN ISO 6506-1:2014)
- HRN EN ISO 6506-2:2014 en pr
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja (ISO 6506-2:2014; EN ISO 6506-2:2014)
Metallic materials – Brinell hardness test – Part 2: Verification and calibration of testing machines (ISO 6506-2:2014; EN ISO 6506-2:2014)

- HRN EN ISO 6506-3:2014 en pr
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 3. dio: Umjeravanje referentnih pločica (ISO 6506-3:2014; EN ISO 6506-3:2014)
Metallic materials – Brinell hardness test – Part 3: Calibration of reference blocks (ISO 6506-3:2014; EN ISO 6506-3:2014)
- HRN EN ISO 6506-4:2014 en pr
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 4. dio: Tablica vrijednosti tvrdoća (ISO 6506-4:2014; EN ISO 6506-4:2014)
Metallic materials – Brinell hardness test – Part 4: Table of hardness values (ISO 6506-4:2014; EN ISO 6506-4:2014)
- HRN EN 10107:2014 en pr
Čelična elektrotraka i elektrolim usmjerenoga zrna isporučeni u potpuno obrađenom stanju (EN 10107:2014)
Grain-oriented electrical steel strip and sheet delivered in the fully processed state (EN 10107:2014)
- HRN EN 10269:2014 en pr
Čelici i legure nikla za dijelove za pričvršćivanje s utvrđenim svojstvima pri povišenim i/ili niskim temperaturama (EN 10269:2013)
Steels and nickel alloys for fasteners with specified elevated and/or low temperature properties (EN 10269:2013)
- HRN EN 13195:2014 en pr
Aluminij i aluminijeve legure – Specifikacije za gnječene i lijevane proizvode za primjenu u pomorstvu (brodogradnja, pomorska i odobalna tehnika) (EN 13195:2013)
Aluminium and aluminium alloys – Specifications for wrought and cast products for marine applications (shipbuilding, marine and offshore) (EN 13195:2013)
- HRN EN 13599:2014 en pr
Bakar i legure bakra – Bakrene ploče, limovi i trake za primjenu u elektrotehnici (EN 13599:2014)
Copper and copper alloys – Copper plate, sheet and strip for electrical purposes (EN 13599:2014)

HZN/TO 504, *Korozija i zaštita metala i legura*

- HRN EN ISO 8407:2014 en pr
Korozija metala i legura – Uklanjanje korozivskih produkata s uzoraka za ispitivanje korozije (ISO 8407:2009; EN ISO 8407:2014)
Corrosion of metals and alloys – Removal of corrosion products from corrosion test specimens (ISO 8407:2009; EN ISO 8407:2014)
- HRN EN ISO 11474:2014 en pr
Korozija metala i legura – Korozivsko ispitivanje u umjetnoj atmosferi – Ubrzano vanjsko ispitivanje povremenim prskanjem slanom otopinom (Scab-test) (ISO 11474:1998; EN ISO 11474:2014)
Corrosion of metals and alloys – Corrosion tests in artificial atmosphere – Accelerated outdoor test by intermittent spraying of a salt solution (Scab test) (ISO 11474:1998; EN ISO 11474:2014)
- HRN EN 12473:2014 en pr
Opća načela katodne zaštite u morskoj vodi (EN 12473:2014)
General principles of cathodic protection in seawater (EN 12473:2014)

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

- HRN EN ISO 6974-5:2014 en pr
Prirodni plin – Određivanje sastava i pripadne nesigurnosti pomoću plinske kromatografije – 5. dio: Izotermička metoda za dušik, ugljični dioksid, C1 do C5 ugljikovodika i C6+ ugljikovodika (ISO 6974-5:2014; EN ISO 6974-5:2014)
Natural gas – Determination of composition and associated uncertainty by gas chromatography – Part 5: Isothermal method for nitrogen, carbon dioxide, C1 to C5 hydrocarbons and C6+ hydrocarbons (ISO 6974-5:2014; EN ISO 6974-5:2014)
- HRN EN ISO 13704:2008/Ispr.1:2014 en pr
Industrija nafte, petrokemije i prirodnog plina – Proračun debljine stijenke cijevi u procesnim pećima u rafinerijama nafte (ISO 13704:2007/Cor 1:2008; EN ISO 13704:2007/AC:2009)
Petroleum, petrochemical and natural gas industries – Calculation of heater-tube thickness in petroleum refineries (ISO 13704:2007/Cor 1:2008; EN ISO 13704:2007/AC:2009)
- HRN EN ISO 17824:2014 en pr
Industrija nafte i prirodnoga plina – Dubinska oprema – Pješčani filtri (ISO 17824:2009; EN ISO 17824:2014)
Petroleum and natural gas industries – Downhole equipment – Sand screens (ISO 17824:2009; EN ISO 17824:2014)
- HRI CEN ISO/TR 19905-2:2014 en pr
Industrija nafte i prirodnoga plina – Ocjenjivanje pokretnih odobalnih objekata s obzirom na njihov položaj – Dio 2: Komentari i detaljni primjer izračuna za samopodizne platforme (ISO/TR 19905-2:2012; CEN ISO/TR 19905-2:2013)
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 2: Jack-ups commentary and detailed sample calculation (ISO/TR 19905-2:2012; CEN ISO/TR 19905-2:2013)

HZN/TO 508, *Ambalaža i pakiranje*

- HRN EN ISO 13274:2013/Ispr.1:2014 en pr
Ambalaža – Transportna ambalaža za opasne terete – Ispitivanje kompatibilnosti plastika za ambalažu i IBC-ove – Tehnički ispravak 1 (ISO 13274:2013/Cor 1:2014; EN ISO 13274:2013/AC:2014)
Packaging – Transport packaging for dangerous goods – Plastics compatibility testing for packaging and IBCs – Technical Corrigendum 1 (ISO 13274:2013/Cor 1:2014; EN ISO 13274:2013/AC:2014)
- HRN EN 16291-2:2013/Ispr.1:2014 en pr
Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 2. dio: Nepovratno staklo MCA 2 grlo (EN 16291-2:2013/AC:2014)
Glass packaging – Screw finishes for pressure capsules – Part 2: One way glass MCA 2 finish (EN 16291-2:2013/AC:2014)

HZN/TO 513, *Mjerne jedinice i mjerila*

- HRN ISO 1100-2:2014 en pr
Hidrometrija – Mjerenje protoka tekućina u otvorenim kanalima – 2. dio: Određivanje protočne krivulje (ISO 1100-2:2010)
Hydrometry – Measurement of liquid flow in open channels – Part 2: Determination of the stage-discharge relationship (ISO 1100-2:2010)

- HRN ISO 2425:2014 en pr
Mjerenje protoka u otvorenim kanalima pod utjecajem plime (ISO 2425:2010)
Measurement of liquid flow in open channels under tidal conditions (ISO 2425:2010)
- HRN ISO 3310-2:2014 en pr
Ispitna sita – Tehnički zahtjevi i ispitivanja – 2. dio: Ispitna sita izrađena od perforiranih metalnih ploča (ISO 3310-2:2013)
Test sieves – Technical requirements and testing – Part 2: Test sieves of perforated metal plate (ISO 3310-2:2013)
- HRN ISO 4359:2014 en pr
Mjerenje protoka tekućine u otvorenim kanalima – Pravokutna, trapezna i U-oblikovana suženja toka (ISO 4359:2013)
Liquid flow measurement in open channels – Rectangular, trapezoidal and U-shaped flumes (ISO 4359:2013)
- HRN ISO 4369:2014 en pr
Mjerenje protoka tekućina u otvorenim kanalima – Metoda pokretnog čamca (ISO 4369:1979)
Measurement of liquid flow in open channels – Moving-boat method (ISO 4369:1979)
- HRN ISO 4377:2014 en pr
Hidrometrijska određivanja – Mjerenje protoka u otvorenim kanalima uporabom građevinskih objekata – Položeni-V preljevi (ISO 4377:2012)
Hydrometric determinations – Flow measurement in open channels using structures – Flat-V weirs (ISO 4377:2012)
- HRN ISO 9276-3:2014 en pr
Prikaz rezultata analize veličine čestica – 3. dio: Prilagođavanje eksperimentalne krivulje referencijskom modelu (ISO 9276-3:2008)
Representation of results of particle size analysis – Part 3: Adjustment of an experimental curve to a reference model (ISO 9276-3:2008)
- HRN ISO 9276-6:2014 en pr
Prikaz rezultata analize veličine čestica – 6. dio: Opisno i kvantitativno prikazivanje oblika i morfologije čestice (ISO 9276-6:2008)
Representation of results of particle size analysis – Part 6: Descriptive and quantitative representation of particle shape and morphology (ISO 9276-6:2008)
- HRN ISO 13359:2014 en pr
Mjerenje protoka vodljivih tekućina u zatvorenim cjevovodima – Bočni elektromagnetski uređaji za mjerenje toka – Cjelokupna duljina (ISO 13359:1998)
Measurement of conductive liquid flow in closed conduits – Flanged electromagnetic flowmeters – Overall length (ISO 13359:1998)
- HRN ISO 15769:2014 en pr
Hidrometrija – Smjernice za primjenu mjerila brzine zvuka pomoću korelacijskih metoda utemeljenih na Dopplerovom principu i principu zvučnog odjeka (ISO 15769:2010)
Hydrometry – Guidelines for the application of acoustic velocity meters using the Doppler and echo correlation methods (ISO 15769:2010)

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

- HRN EN 15509:2014 en pr
Elektronička naplata – Interoperabilni aplikacijski profil za DSRC (EN 15509:2014)
Electronic fee collection – Interoperability application profile for DSRC (EN 15509:2014)

HRI CEN/TR 16690:2014 en pr
Elektronička naplata – Smjernice za aplikacije elektroničke naplate utemeljene na ITS uređajima u vozilima (CEN/TR 16690:2014)
Electronic fee collection – Guidelines for EFC applications based on in-vehicle ITS stations (CEN/TR 16690:2014)

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

HRN EN 12326-1:2014 en pr
Škriljevac i prirodni kamen za preklopno pokrivanje krovova i vanjsko oblaganje zidova – 1. dio: Specifikacija proizvoda (EN 12326-1:2014)
Slate and stone for discontinuous roofing and external cladding – Part 1: Specifications for slate and carbonate slate (EN 12326-1:2014)

HZN/TO 528, Oprema za željeznice

HRN EN 16207:2014 en pr
Oprema za željeznice – Kočenje – Funkcionalni i izvedbeni kriteriji za elektromagnetske tračničke kočnice na željezničkim vozilima (EN 16207:2014)
Railway applications – Braking – Functional and performance criteria of Electromagnetic Track Brake systems for use in railway rolling stock (EN 16207:2014)

HRN EN 16272-3-2:2014 en pr
Oprema za željeznice – Željeznički gornji ustroj – Zvučne zapreke i odgovarajući uređaji koji djeluju na rasprostiranje zvuka zrakom – Metoda ispitivanja za određivanje akustičnih svojstava – Dio 3-2: Lepeza normalizirane željezničke buke i jednoznačenosti podjela primjene neposrednog polja (EN 16272-3-2:2014)
Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 3-2: Normalized railway noise spectrum and single number ratings for direct field applications (EN 16272-3-2:2014)

HRN EN 16334:2014 en pr
Oprema za željeznice – Sustav alarmiranja od strane putnika – Zahtjevi za sustav (EN 16334:2014)
Railway applications – Passenger Alarm System – System requirements (EN 16334:2014)

HRN EN 16431:2014 en pr
Oprema za željeznice – Željeznički gornji ustroj – Šuplji pragovi i nosači (EN 16431:2014)
Railway applications – Track – Hollow sleepers and bearers (EN 16431:2014)

HRN EN 16507:2014 en pr
Oprema za željeznice – Stacionarna prateća služba – Oprema za punjenje dizelskog goriva (EN 16507:2014)
Railway applications – Ground based service – Diesel refuelling equipment (EN 16507:2014)

HRS CEN/TS 16635:2014 en pr
Oprema za željeznice – Konstrukcije namijenjene uporabi osoba smanjene pokretljivosti – Oprema i dijelovi ugrađeni na željeznička vozila – Zahodi (CEN/TS 16635:2014)
Railway application – Design for PRM Use – Equipment and Components onboard Rolling Stock – Toilets (CEN/TS 16635:2014)

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

HRN EN 13001-2:2014 en pr
Sigurnost granika – Opće projektiranje – 2. dio: Djelovanje opterećenja (EN 13001-2:2014)
Crane safety – General design – Part 2: Load actions (EN 13001-2:2014)

HRN EN 13001-3-2:2014 en pr
Granici – Opće projektiranje – Dio 3-2: Granična stanja i dokaz sigurnosti žičane užadi u sustavima namatanja (EN 13001-3-2:2014)
Cranes – General design – Part 3-2: Limit states and proof of competence of wire ropes in reeving systems (EN 13001-3-2:2014)

HRN EN 13001-3-3:2014 en pr
Granici – Opće projektiranje – Dio 3-3: Granična stanja i dokaz sigurnosti dodira kotač/tračnica (EN 13001-3-3:2014)
Cranes – General design – Part 3-3: Limit states and proof of competence of wheel/rail contacts (EN 13001-3-3:2014)

HZN/TO 531, Plastika i guma

HRN EN ISO 844:2014 en pr
Kruta pjenasta plastika – Određivanje tlačnih svojstava (ISO 844:2014; EN ISO 844:2014)
Rigid cellular plastics – Determination of compression properties (ISO 844:2014; EN ISO 844:2014)

HRN EN ISO 3385:2014 en pr
Savitljivi pjenasti polimerni materijali – Određivanje zamora djelovanjem konstantnog opterećenja (ISO 3385:2014; EN ISO 3385:2014)
Flexible cellular polymeric materials – Determination of fatigue by constant-load pounding (ISO 3385:2014; EN ISO 3385:2014)

HRN EN ISO 3949:2014 en pr
Plastična crijeva i crijevni sklopovi – Tekstilom ojačane vrste za hidraulične primjene – Specifikacija (ISO 3949:2009; EN ISO 3949:2014)
Plastics hoses and hose assemblies – Textile-reinforced types for hydraulic applications – Specification (ISO 3949:2009; EN ISO 3949:2014)

HRN EN ISO 3994:2014 en pr
Plastična crijeva – Plastomerna crijeva ojačana plastomernom spiralom za usisavanje i istovar vodenih supstanci – Specifikacija (ISO 3994:2014; EN ISO 3994:2014)
Plastics hoses – Helical-thermoplastic-reinforced thermoplastics hoses for suction and discharge of aqueous materials – Specification (ISO 3994:2014; EN ISO 3994:2014)

HRN EN ISO 6806:2014 en pr
Gumena crijeva i crijevni uređaji za upotrebu u naftnim plamenicima – Specifikacija (ISO 6806:2014; EN ISO 6806:2014)
Rubber hoses and hose assemblies for use in oil burners – Specification (ISO 6806:2014; EN ISO 6806:2014)

HRN EN ISO 8029:2014 en pr
Plastično crijevo – Složivo crijevo opće namjene za vodu ojačano tekstilom – Specifikacija (ISO 8029:2014; EN ISO 8029:2014)
Plastics hose – General-purpose collapsible water hose, textile-reinforced – Specification (ISO 8029:2014; EN ISO 8029:2014)

HRN EN ISO 8030:2014 en pr
Gumena i plastična crijeva – Metoda ispitivanja gorivosti (ISO 8030:2013; EN ISO 8030)
Rubber and plastics hoses – Method of test for flammability (ISO 8030:2014; EN ISO 8030:2014)

HRN EN ISO 8330:2014 en pr
Gumena i plastična crijeva i crijevni sklopovi – Terminološki rječnik (ISO 8330:2014; EN ISO 8330:2014)
Rubber and plastics hoses and hose assemblies – Vocabulary (ISO 8330:2014; EN ISO 8330:2014)

HRN EN ISO 11358-1:2014 en pr
Plastika – Termogravimetrija (TG) polimera – 1. dio: Opća načela (ISO 11358-1:2014; EN ISO 11358-1:2014)
Plastics – Thermogravimetry (TG) of polymers – Part 1: General principles (ISO 11358-1:2014; EN ISO 11358-1:2014)

HRN EN ISO 15512:2014 en pr
Plastika – Određivanje sadržaja vode (ISO 15512:2014; EN ISO 15512:2014)
Plastics – Determination of water content (ISO 15512:2014; EN ISO 15512:2014)

HRI CEN ISO/TR 22007-5:2014 en pr
Plastika – Određivanje toplinske vodljivosti i toplinske difuzivnosti – 5. dio: Rezultati međulaboratorijskog ispitivanja poli(metil metakrilatnih) uzoraka (ISO/TR 22007-5:2011; CEN ISO/TR 22007-5:2014)
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 5: Results of interlaboratory testing of poly(methyl methacrylate) samples (ISO/TR 22007-5:2011; CEN ISO/TR 22007-5:2014)

HZN/TO 534, Spremnici za teret

HRN EN 13044-1:2011/Isp.1:2014 en pr
Intermodalne teretne jedinice – Označivanje – 1. dio: Oznake za identifikaciju (EN 13044-1:2011/AC:2014)
Intermodal Loading Units – Marking – Part 1: Markings for identification (EN 13044-1:2011/AC:2014)

HRN EN 13094:2008/Isp.1:2014 en pr
Spremnici za prijevoz opasnih tvari – Metalni spremnici čiji radni tlak ne prelazi 0,5 bara – Projektiranje i konstrukcija (EN 13094:2008/AC:2009)
Tanks for the transport of dangerous goods – Metallic tanks with a working pressure not exceeding 0,5 bar – Design and construction (EN 13094:2008/AC:2009)

HRN EN 14116:2014 en pr
Spremnici za prijevoz opasnih tvari – Digitalno sučelje uređaja za prepoznavanje proizvoda za tekuća goriva (EN 14116:2012+A1:2014)
Tanks for transport of dangerous goods – Digital interface for product recognition devices for liquid fuels (EN 14116:2012+A1:2014)

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

HRN EN 15752-1:2014 en pr
Staklo u graditeljstvu – Samoljepljive polimerne folije – 1. dio: Definicije i zahtjevi (EN 15752-1:2014)
Glass in building – Adhesive backed polymeric film – Part 1: Definitions and requirements (EN 15752-1:2014)

HRN EN 15755-1:2014 en pr
Staklo u graditeljstvu – Staklo sa samoljepljivom polimernom folijom – 1. dio: Definicije i zahtjevi (EN 15755-1:2014)
Glass in building – Adhesive backed polymeric filmed glass – Part 1: Definitions and requirements (EN 15755-1:2014)

HRN EN 16034:2014 en pr
Vrata za pješake, industrijska, komercijalna, garažna vrata i prozori koji se mogu otvarati – Norma za proizvod, izvedbene značajke – Otpornost na požar i/ili kontrola propusnosti dima (EN 16034:2014)
Pedestrian doorsets, industrial, commercial, garage doors and openable windows – Product standard, performance characteristics – Fire resisting and/or smoke control characteristics (EN 16034:2014)

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

HRN ISO 128-24:2014 en pr
Tehnički crteži – Opća načela prikazivanja – 24. dio: Crte na crtežima u strojarstvu (ISO 128-24:2014)
Technical drawings – General principles of presentation – Part 24: Lines on mechanical engineering drawings (ISO 128-24:2014)

HRN EN ISO 2538-1:2014 en pr
Geometrijske specifikacije proizvoda (GPS) – Klinovi – 1. dio: Nizovi kutova i nagiba (ISO 2538-1:2014; EN ISO 2538-1:2014)
Geometrical product specifications (GPS) – Wedges – Part 1: Series of angles and slopes (ISO 2538-1:2014; EN ISO 2538-1:2014)

HRN EN ISO 2538-2:2014 en pr
Geometrijske specifikacije proizvoda (GPS) – Klinovi – 2. dio: Kotiranje i tolerancije (ISO 2538-2:2014; EN ISO 2538-2:2014)
Geometrical product specifications (GPS) – Wedges – Part 2: Dimensioning and tolerancing (ISO 2538-2:2014; EN ISO 2538-2:2014)

HRN EN ISO 3650:2008/Isp.1:2014 en pr
Geometrijske specifikacije proizvoda (GSP) – Etaloni duljine – Planparalelne granične mjerke (ISO 3650:1998/Cor 1:2008; EN ISO 3650:1998/AC:2009)
Geometrical product specifications (GPS) – Length standards – Gauge blocks (ISO 3650:1998/Cor 1:2008; EN ISO 3650:1998/AC:2009)

HRN ISO 7573:2014 en pr
Tehnička dokumentacija proizvoda – Sastavnice (ISO 7573:2008)
Technical product documentation – Parts lists (ISO 7573:2008)

HRN ISO 14617-1:2014 en pr
Grafički simboli za shematske crteže – 1. dio: Opće informacije i indeksi (ISO 14617-1:2005)
Graphical symbols for diagrams – Part 1: General information and indexes (ISO 14617-1:2005)

HRN EN ISO 16610-71:2014 en pr
Geometrijske specifikacije proizvoda (GSP) – Filtriranje – 71. dio: Robusni plošinski filteri: Gauss-ovi regresijski filteri (ISO 16610-71:2014; EN ISO 16610-71:2014)
Geometrical product specifications (GPS) – Filtration – Part 71: Robust areal filters: Gaussian regression filters (ISO 16610-71:2014; EN ISO 16610-71:2014)

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

HRN EN ISO 10121-1:2014 en pr
Metode ispitivanja za procjenu značajka tvari i uređaja za odstranjivanje plinova pri općoj ventilaciji – 1. dio: Filtarski mediji za pročišćivanje zraka od plinova (ISO 10121-1:2014; EN ISO 10121-1:2014)
Test method for assessing the performance of gas-phase air cleaning media and devices for general ventilation – Part 1: Gas-phase air cleaning media (ISO 10121-1:2014; EN ISO 10121-1:2014)

HRN EN 14908-1:2014 en pr
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 1. dio: Stog protokola (EN 14908-1:2014)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 1: Protocol Stack (EN 14908-1:2014)

HRN EN 14908-2:2014 en pr
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 2. dio: Komunikacija kroz simetričnu paru (EN 14908-2:2014)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 2: Twisted Pair Communication (EN 14908-2:2014)

HRN EN 14908-3:2014 en pr
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 3. dio: Specifikacija komunikacije kroz energetski kanal (EN 14908-3:2014)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 3: Power Line Channel Specification (EN 14908-3:2014)

HRN EN 14908-4:2014 en pr
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 4. dio: IP komunikacija (EN 14908-4:2014)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 4: IP Communication (EN 14908-4:2014)

HRN EN ISO 16484-5:2014 en pr
Digitalni sustavi upravljanja u zgradama (BACS) – 5. dio: Podatkovni komunikacijski protokol (ISO 16484-5:2014; EN ISO 16484-5:2014)
Building automation and control systems (BACS) – Part 5: Data communication protocol (ISO 16484-5:2014; EN ISO 16484-5:2014)

HRN EN ISO 16484-6:2014 en pr
Upravljanje u zgradarstvu i upravljački sustavi (BACS) – 6. dio: Ispitivanje sukladnosti podatkovne komunikacije (ISO 16484-6:2014; EN ISO 16484-6:2014)
Building automation and control systems (BACS) – Part 6: Data communication conformance testing (ISO 16484-6:2014; EN ISO 16484-6:2014)

HRS CEN/TS 16628:2014 en pr
Energijska svojstva zgrada – Osnovna načela za skup norma uz Direktivu o energijskim svojstvima zgrada (EPBD) (CEN/TS 16628:2014)
Energy Performance of Buildings – Basic Principles for the set of EPB standards (CEN/TS 16628:2014)

HRS CEN/TS 16629:2014 en pr
Energijska svojstva zgrada – Podrobna tehnička pravila za skup norma uz Direktivu o energijskim svojstvima zgrada (EPBD) (CEN/TS 16629:2014)
Energy Performance of Buildings – Detailed Technical Rules for the set of EPB-standards (CEN/TS 16629:2014)

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 16455:2014 en pr
Očuvanje kulturne baštine – Određivanje topivih soli u prirodnom kamenu i srodnim građevnim materijalima u kulturnoj baštini (EN 16455:2014)
Conservation of cultural heritage – Extraction and determination of soluble salts in natural stone and related materials used in and from cultural heritage (EN 16455:2014)

HZN/TO 551, Gradnja

HRN EN 16309:2014 en pr
Održivost građevina – Ocjenjivanje društvenih svojstava zgrada – Metode proračuna (EN 16309:2014+A1:2014)
Sustainability of construction works – Assessment of social performance of buildings – Calculation methodology (EN 16309:2014+A1:2014)

HZN/TO 553, Predgotovljeni proizvodi

HRN EN 33:2012/Ispr.1:2014 en pr
WC školjke i WC garniture – Priključne dimenzije (EN 33:2011/AC:2013)
WC pans and WC suites – Connecting dimensions (EN 33:2011/AC:2013)

HRN EN ISO 10545-4:2014 en pr
Keramičke pločice – 4. dio: Određivanje nosivosti i čvrstoće pri savijanju (ISO 10545-4:2014; EN ISO 10545-4:2014)
Ceramic tiles – Part 4: Determination of modulus of rupture and breaking strength (ISO 10545-4:2014; EN ISO 10545-4:2014)

HRS CEN/TS 12633:2014 en pr
Metoda poliranja uzoraka prije mjerenja otpornosti na klizanje i proklizavanje (CEN/TS 12633:2014)
Method of polishing specimens prior to the measurement of slip and skid resistance (CEN/TS 12633:2014)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 353-1:2014 en pr
Osobna zaštitna oprema protiv pada s visine – Naprave za zaustavljanje pada s vodicom uključujući sidrenu liniju – 1. dio: Naprave za zaustavljanje pada s vodicom uključujući čvrstu sidrenu liniju (EN 353-1:2014)
Personal fall protection equipment – Guided type fall arresters including an anchor line – Part 1: Guided type fall arresters including a rigid anchor line (EN 353-1:2014)

HZN/TO 557, Zaštitna odjeća

HRN EN 13138-1:2014 en pr
Plutajuća pomagala za poduku plivanja – 1. dio: Sigurnosni zahtjevi i ispitne metode za plutajuća pomagala koja se oblače (EN 13138-1:2014)
Buoyant aids for swimming instruction – Part 1: Safety requirements and test methods for buoyant aids to be worn (EN 13138-1:2014)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 105-B01:2014 en pr
Tekstil – Ispitivanje postojanosti obojenja – Dio B01: Postojanost obojenja na svjetlo: Dnevno svjetlo (ISO 105-B01:2014; EN ISO 105-B01:2014)
Textiles – Tests for colour fastness – Part B01: Colour fastness to light: Daylight (ISO 105-B01:2014; EN ISO 105-B01:2014)

HRN EN ISO 105-B02:2014 en pr
Tekstil – Ispitivanje postojanosti obojenja – Dio B02: Postojanost obojenja na umjetno svjetlo: ispitivanje na blijeđenje Xenon lampom (ISO 105-B02:2014; EN ISO 105-B02:2014)
Textiles – Tests for colour fastness – Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2014; EN ISO 105-B02:2014)

HRN EN ISO 11092:2014 en pr
Tekstil – Fiziološka svojstva – Mjerenje toplinske otpornosti i propusnosti vodene pare u stacionarnom stanju (ispitivanje s vlažnom vrućom pločom) (ISO 11092:2014; EN ISO 11092:2014)
Textiles – Physiological effects – Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test) (ISO 11092:2014; EN ISO 11092:2014)

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

HRN EN ISO 7866:2013/Ispr.1:2014 en pr
Plinske boce – Ponovno punjive plinske boce od aluminijeve legure – Projektiranje, izrada i ispitivanje – Tehnički ispravak (ISO 7866:2012/Cor 1:2014; EN ISO 7866:2012/AC:2014)
Gas cylinders – Refillable seamless aluminium alloy gas cylinders – Design, construction and testing – Technical Corrigendum 1 (ISO 7866:2012/Cor 1:2014; EN ISO 7866:2012/AC:2014)

HRN EN ISO 10297:2014 en pr
Plinske boce – Ventili boca – Specifikacija i ispitivanje tipa (ISO 10297:2014; EN ISO 10297:2014)
Gas cylinders – Cylinder valves – Specification and type testing (ISO 10297:2014; EN ISO 10297:2014)

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+A1:2014)
LPG equipment and accessories – Welded steel pressure vessels for LPG road tankers – Design and manufacture (EN 12493:2013+A1:2014)

HRN EN 13445-6:2014 en pr
Neložene tlačne posude – 6. dio: Zahtjevi za projektiranje i proizvodnju tlačnih posuda i dijelova posuda izrađenih od nodularnog lijeva (EN 13445-6:2014)
Unfired pressure vessels – Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron (EN 13445-6:2014)

HRN EN 13445-8:2014 en pr
Neložene tlačne posude – 8. dio: Dodatni zahtjevi za tlačne posude od aluminija i aluminijevih legura (EN 13445-8:2014)
Unfired pressure vessels – Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys (EN 13445-8:2014)

HRN EN 13480-8:2012/A1:2014 en pr
Metalni industrijski cjevovodi – 8. dio: Dodatni zahtjevi za cjevovode od aluminija i aluminijevih legura (EN 13480-8:2012/A1:2014)
Metallic industrial piping – Part 8: Additional requirements for aluminium and aluminium alloy piping (EN 13480-8:2012/A1:2014)

HRN EN ISO 14246:2014 en pr
Plinske boce – Ventili boca – Proizvodna ispitivanja i pregledi (ISO 14246:2014; EN ISO 14246:2014)
Gas cylinders – Cylinder valves – Manufacturing tests and examinations (ISO 14246:2014; EN ISO 14246:2014)

HZN/TO 563, *Sigurnost strojeva*

HRN EN 1672-1:2014 en pr
Strojevi za preradu hrane – Osnovni pojmovi – 1. dio: Sigurnosni zahtjevi (EN 1672-1:2014)
Food processing machinery – Basic concepts – Part 1: Safety requirements (EN 1672-1:2014)

HRN EN 12042:2014 en pr
Strojevi za preradu hrane – Automatski odjeljivači tijesta – Sigurnosni i higijenski zahtjevi (EN 12042:2014)
Food processing machinery – Automatic dough dividers – Safety and hygiene requirements (EN 12042:2014)

HRN EN ISO 14119:2014 en pr
Sigurnost strojeva – Uređaji za zabavljanje povezani štitnicima – Načela projektiranja i odabira (ISO 14119:2013; EN ISO 14119:2013)
Safety of machinery – Interlocking devices associated with guards – Principles for design and selection (ISO 14119:2013; EN ISO 14119:2013)

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

HRI CEN ISO/TR 6579-3:2014 en pr
Mikrobiologija lanca hrane – Horizontalna metoda za dokazivanje, određivanje broja i serotipizaciju Salmonella – 3. dio: Smjernice za serotipizaciju Salmonella spp (ISO/TR 6579-3:2014; CEN ISO/TR 6579-3:2014)
Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 3: Guidelines for serotyping of Salmonella spp. (ISO/TR 6579-3:2014; CEN ISO/TR 6579-3:2014)

HRN EN ISO 11133:2014 en pr
Mikrobiologija hrane, hrane za životinje i vode – Priprema, proizvodnja, skladištenje i ispitivanje hranjive podloge (ISO 11133:2014; EN ISO 11133:2014)
Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media (ISO 11133:2014; EN ISO 11133:2014)

HRN EN 12823-1:2014 en pr
Hrana – Dokazivanje prisutnosti vitamina A tekućinskom kromatografijom visoke djelotvornosti – 1. dio: Mjerenje all-trans-retinola i 13-cis-retinola (EN 12823-1:2014)
Foodstuffs – Determination of vitamin A by high performance liquid chromatography – Part 1: Measurement of all-E-retinol and 13-Z-retinol (EN 12823-1:2014)

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

HRN ISO 6266:2014 en pr
Skije za alpsko skijanje – Određivanje indeksa zamora materijala – Ispitivanje periodičkim opterećivanjem (ISO 6266:2013)
Alpine skis – Determination of fatigue indexes – Cyclic loading test (ISO 6266:2013)

HRN EN 13451-4:2014 en pr
Oprema za bazene – 4. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za startne platforme (EN 13451-4:2014)
Swimming pool equipment – Part 4: Additional specific safety requirements and test methods for starting platforms (EN 13451-4:2014)

HRI CEN/TR 16598:2014 en pr
Zbirka pojašnjenja uz normu EN 1176 – Zahtjevi (CEN/TR 16598:2014)
Collection of rationales for EN 1176 – Requirements (CEN/TR 16598:2014)

HZN/TO E2, Rotacijski strojevi

- HRN EN 60034-2-1:2014 en pr
Rotacijski električni strojevi – Dio 2-1: Normirane metode određivanja gubitaka i korisnosti ispitivanjima (isključujući strojeve za vučna vozila) (IEC 60034-2-1:2014; EN 60034-2-1:2014)
Rotating electrical machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles) (IEC 60034-2-1:2014; EN 60034-2-1:2014)
- HRN EN 60034-8:2009/A1:2014 en pr
Rotacijski električni strojevi – 8. dio: Označivanje stezaljki i smjera vrtnje (IEC 60034-8:2007/am1:2014; EN 60034-8:2007/A1:2014)
Rotating electrical machines – Part 8: Terminal markings and direction of rotation (IEC 60034-8:2007/am1:2014; EN 60034-8:2007/A1:2014)
- HRN EN 60034-18-41:2014 en pr
Rotacijski električni strojevi – Dio 18-41: Električni izolacijski sustavi bez parcijalnih izbijanja (Tip I) u rotacijskim električnim strojevima koji se napajaju iz naponskih pretvarača – Kvalifikacija i ispitivanja za kontrolu kvalitete (IEC 60034-18-41:2014; EN 60034-18-41:2014)
Rotating electrical machines – Part 18-41: Partial discharge free electrical insulation systems (Type I) used in rotating electrical machines fed from voltage converters – Qualification and quality control tests (IEC 60034-18-41:2014; EN 60034-18-41:2014)
- HRN EN 60034-30-1:2014 en pr
Rotacijski električni strojevi – Dio 30-1: Razredi učinkovitosti izmjeničnih motora koji se napajaju iz mreže (IE kod) (IEC 60034-30-1:2014; EN 60034-30-1:2014)
Rotating electrical machines – Part 30-1: Efficiency classes of line operated AC motors (IE code) (IEC 60034-30-1:2014; EN 60034-30-1:2014)

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom

- HRN EN 50160:2012/Isp.1:2014 en pr
Naponske karakteristike električne energije iz javnih distribucijskih mreža (EN 50160:2010/AC:2010)
Voltage characteristics of electricity supplied by public electricity networks (EN 50160:2010/AC:2010)

HZN/TO E9, Električna oprema za željeznicu

- HRN EN 50124-1:2001/Isp.1:2014 en pr
Željezničke primjene – Usklađivanje izolacije – 1. dio: Osnovni zahtjevi – Zračni razmaci i puzne staze za svu električnu i elektroničku opremu (EN 50124-1:2001/AC:2010)
Railway applications – Insulation coordination – Part 1: Basic requirements – Clearances and creepage distances for all electrical and electronic equipment (EN 50124-1:2001/AC:2010)
- HRN EN 50124-2:2001/Isp.1:2014 en pr
Željezničke primjene – Usklađivanje izolacije – 2. dio: Prenaponi i zaštita od prenapona (EN 50124-2:2001/AC:2010)
Railway applications – Insulation coordination – Part 2: Overvoltages and related protection (EN 50124-2:2001/AC:2010)
- HRN EN 50125-1:2001/Isp.1:2014 en pr
Željezničke primjene – Uvjeti okoline za opremu – 1. dio: Željeznička vozila i oprema na njima (EN 50125-1:1999/AC:2010)
Railway applications – Environmental conditions for equipment – Part 1: Equipment on board rolling stock (EN 50125-1:1999/AC:2010)

- HRN EN 50125-2:2007/Isp.1:2014 en pr
Željezničke primjene – Uvjeti okoliša za opremu – 2. dio: Stabilna električna postrojenja (EN 50125-2:2002/AC:2010)
Railway applications – Environmental conditions for equipment – Part 2: Fixed electrical installations (EN 50125-2:2002/AC:2010)
- HRN EN 50125-3:2007/Isp.1:2014 en pr
Željezničke primjene – Uvjeti okoliša za opremu – 3. dio: Signalna i telekomunikacijska oprema (EN 50125-3:2003/AC:2010)
Railway applications – Environmental conditions for equipment – Part 3: Equipment for signalling and telecommunications (EN 50125-3:2003/AC:2010)
- HRN EN 50126-1:2001/Isp.2:2014 en pr
Željezničke primjene – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 1. dio: Osnovni zahtjevi i generički postupak (EN 50126-1:1999/AC:2010)
Railway applications – The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Basic requirements and generic process (EN 50126-1:1999/AC:2010)
- HRN EN 50129:2007/Isp.1:2014 en pr
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obradbe podataka – Sa sigurnošću povezani elektronički sustavi za signalnu tehniku (EN 50129:2003/AC:2010)
Railway applications – Communication, signalling and processing systems – Safety related electronic systems for signalling (EN 50129:2003/AC:2010)
- HRN EN 50149:2001/Isp.1:2014 en pr
Željezničke primjene – Stabilna postrojenja – Električna vuča – Uzljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001/AC:2002)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001/AC:2002)
- HRN EN 50149:2001/Isp.2:2014 en pr
Željezničke primjene – Stabilna postrojenja – Električna vuča – Uzljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001/AC:2005)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001/AC:2005)
- HRN EN 50149:2001/Isp.3:2014 en pr
Željezničke primjene – Stabilna postrojenja – Električna vuča – Uzljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001/AC:2010)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001/AC:2010)
- HRN EN 50149:2001/Isp.4:2014 en pr
Željezničke primjene – Stabilna postrojenja – Električna vuča – Uzljebljeni kontaktni vodiči od bakra i legura bakra (EN 50149:2001/AC:2011)
Railway applications – Fixed installations – Electric traction – Copper and copper alloy grooved contact wires (EN 50149:2001/AC:2011)
- HRN EN 50151:2007/Isp.1:2014 en pr
Željezničke primjene – Stabilna postrojenja – Električna vuča – Posebni zahtjevi za kompozitne izolatore (EN 50151:2003/AC:2010)
Railway applications – Fixed installations – Electric traction – Special requirements for composite insulators (EN 50151:2003/AC:2010)
- HRN EN 50153:2014 en pr
Željezničke primjene – Željeznička vozila – Odredbe o zaštiti od opasnosti od električnog udara (EN 50153:2014)
Railway applications – Rolling stock – Protective provisions relating to electrical hazards (EN 50153:2014)

HRN EN 50155:2008/Ispr.1:2014 en pr
Željezničke primjene – Elektronička oprema na željezničkim vozilima (EN 50155:2007/AC:2010)
Railway applications – Electronic equipment used on rolling stock (EN 50155:2007/AC:2010)

HRN EN 50317:2007/A2:2008/Ispr.1:2014 en pr
Željezničke primjene – Sustavi oduzimača struje – Zahtjevi za mjerenja i vrednovanje mjerenja dinamičkih međusobnih djelovanja pantografa i kontaktnog voda (EN 50317:2002/A2:2007/AC:2010)
Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line (EN 50317:2002/A2:2007/AC:2010)

HRN EN 50328:2003/Ispr.1:2014 en pr
Željezničke primjene – Stabilna postrojenja – Elektronički učinski pretvarači za podstanice (EN 50328:2003/AC:2006)
Railway applications – Fixed installations – Electronic power converters for substations (EN 50328:2003/AC:2006)

HRN EN 50329:2007/Ispr.1:2014 en pr
Željezničke primjene – Stabilna postrojenja – Vučni transformatori (EN 50329:2003/AC:2006)
Railway applications – Fixed installations – Traction transformers (EN 50329:2003/AC:2006)

HRN EN 50343:2014 en pr
Željezničke primjene – Željeznička vozila – Pravila instaliranja ožičenja (EN 50343:2014)
Railway applications – Rolling stock – Rules for installation of cabling (EN 50343:2014)

HRN EN 50526-2:2014 en pr
Željezničke primjene – Stabilna postrojenja – Istosmjerni odvodnici prenapona i uređaji za ograničavanje napona – 2. dio: Uređaji za ograničavanje napona (EN 50526-2:2014)
Railway applications – Fixed installations – D.C. surge arresters and voltage limiting devices – Part 2: Voltage limiting devices (EN 50526-2:2014)

HRN EN 61287-1:2014 en pr
Željezničke primjene – Energetski pretvarači ugrađeni na željeznička vozila – 1. dio: Karakteristike i metode ispitivanja (IEC 61287-1:2014; EN 61287-1:2014)
Railway applications – Power converters installed on board rolling stock – Part 1: Characteristics and test methods (IEC 61287-1:2014; EN 61287-1:2014)

HRN EN 61375-3-4:2014 en pr
Elektronička oprema za željeznice – Informacijska sabirnica vlaka – Mreža zasnovana na Ethernetu (IEC 61375-3-4:2014; EN 61375-3-4:2014)
Electronic railway equipment – Train communication network (TCN) – Part 3-4: Ethernet Consist Network (ECN) (IEC 61375-3-4:2014; EN 61375-3-4:2014)

HRN EN 61377-1:2008/Ispr.1:2014 en pr
Željezničke primjene – Željeznička vozila – 1. dio: Kombinirana ispitivanja izmjeničnih motora napajanih iz izmjenjivača i njihovog upravljanja (EN 61377-1:2006/AC:2006)
Railway applications – Rolling stock – Part 1: Combined testing of inverter-fed alternating current motors and their control system (EN 61377-1:2006/AC:2006)

HRN EN 62290-1:2014 en pr
Željezničke primjene – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 1. dio: Osnove sustava i temeljni pojmovi (IEC 62290-1:2014; EN 62290-1:2014)
Railway applications – Urban guided transport management and command/control systems – Part 1: System principles and fundamental concepts (IEC 62290-1:2014; EN 62290-1:2014)

HRN EN 62290-2:2014 en pr
Željezničke primjene – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 2. dio: Specifikacija zahtjeva za funkcionalnost (IEC 62290-2:2014; EN 62290-2:2014)
Railway applications – Urban guided transport management and command/control systems – Part 2: Functional requirements specification (IEC 62290-2:2014; EN 62290-2:2014)

HZN/TO E10, Fluidi za primjenu u elektrotehnici

HRN EN 60296:2005/Ispr.1:2014 en pr
Tekućine za primjenu u elektrotehnici – Nova mineralna izolacijska ulja za transformatore i prekidače (EN 60296:2004/AC:2004)
Fluids for electrotechnical applications – Unused mineral insulating oils for transformers and switchgear (EN 60296:2004/AC:2004)

HZN/TO E11, Nadzemni vodovi

HRN EN 50341-2:2008/Ispr.1:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 2. dio: Popis nacionalnih normativnih aspekata (EN 50341-2:2001/AC:2006)
Overhead electrical lines exceeding AC 45 kV – Part 2: Index of National Normative Aspects (EN 50341-2:2001/AC:2006)

HRN EN 50341-3:2008/Ispr.1:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 3. dio: Nacionalni normativni aspekti (EN 50341-3:2001/AC:2006)
Overhead electrical lines exceeding AC 45 kV – Part 3: Set of National Normative Aspects (EN 50341-3:2001/AC:2006)

HRN EN 50341-3:2008/Ispr.2:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 3. dio: Nacionalni normativni aspekti (EN 50341-3:2001/AC:2009)
Overhead electrical lines exceeding AC 45 kV – Part 3: Set of National Normative Aspects (EN 50341-3:2001/AC:2009)

HRN EN 50341-3:2008/Ispr.3:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 3. dio: Nacionalni normativni aspekti (EN 50341-3:2001/AC:2010)
Overhead electrical lines exceeding AC 45 kV – Part 3: Set of National Normative Aspects (EN 50341-3:2001/AC:2010)

HRN EN 50341-3:2008/Ispr.4:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 3. dio: Nacionalni normativni aspekti (EN 50341-3:2001/AC:2010)
Overhead electrical lines exceeding AC 45 kV – Part 3: Set of National Normative Aspects (EN 50341-3:2001/AC:2010)

HRN EN 50423-3:2008/Ispr.1:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV do uključivo 45 kV – 3. dio: Nacionalni normativni aspekti (EN 50423-3:2005/AC:2005)
Overhead electrical lines exceeding AC 1 kV up to and including AC 45 kV – Part 3: Set of National Normative Aspects (EN 50423-3:2005/AC:2005)

HRN EN 50423-3:2008/Ispr.2:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV do uključivo 45 kV – 3. dio: Nacionalni normativni aspekti (EN 50423-3:2005/AC:2009)
Overhead electrical lines exceeding AC 1 kV up to and including AC 45 kV – Part 3: Set of National Normative Aspects (EN 50423-3:2005/AC:2009)

- HRN EN 50423-3:2008/Ispr.3:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV do uključivo 45 kV – 3. dio: Nacionalni normativni aspekti (EN 50423-3:2005/AC:2010)
Overhead electrical lines exceeding AC 1 kV up to and including AC 45 kV – Part 3: Set of National Normative Aspects (EN 50423-3:2005/AC:2010)
- HRN EN 50423-3:2008/Ispr.4:2014 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV do uključivo 45 kV – 3. dio: Nacionalni normativni aspekti (EN 50423-3:2005/AC:2010)
Overhead electrical lines exceeding AC 1 kV up to and including AC 45 kV – Part 3: Set of National Normative Aspects (EN 50423-3:2005/AC:2010)

HZN/TO E14, *Energetski transformatori*

- HRN HD 538.1 S1:2008/Ispr.1:2014 en pr
Trofazni suhi distributivni transformatori 50 Hz, od 100 kVA do 2500 kVA za najviši napon opreme koji ne prelazi 36 kV – 1. dio: Opći zahtjevi i zahtjevi za transformatore za najviši napon opreme koji ne prelazi 24 kV (HD 538.1 S1:1992/AC:2011)
Three-phase dry-type distribution transformers 50 Hz, from 100 to 2500 kVA, with highest voltage for equipment not exceeding 36 kV – Part 1: General requirements and requirements for transformers with highest voltage for equipment not exceeding 24 kV (HD 538.1 S1:1992/AC:2011)
- HRN EN 50299:2008/Ispr.1:2014 en pr
Sklopovi za uljem punjene kabelaške veze za transformatore i prigušnice koji imaju najviši napon opreme Um od 72,5 kV do 550 kV (EN 50299:2002/AC:2004)
Oil-immersed cable connection assemblies for transformers and reactors having highest voltage for equipment Um from 72,5 kV to 550 kV (EN 50299:2002/AC:2004)

HZN/TO E15, *Čvrsti elektrotehnički izolacijski materijali*

- HRN EN 60464-2:2005/A1:2008/Ispr.1:2014 en pr
Lakovi koji se upotrebljavaju za električne izolacije – 2. dio: Metode ispitivanja (EN 60464-2:2001/A1:2006/AC:2006)
Varnishes used for electrical insulation – Part 2: Methods of test (EN 60464-2:2001/A1:2006/AC:2006)
- HRN EN 60626-3:2008/Ispr.1:2014 en pr
Kombinirani savitljivi materijali za električne izolacije – 3. dio: Specifikacije za pojedinačne materijale (EN 60626-3:2008/AC:2008)
Combined flexible materials for electrical insulation – Part 3: Specifications for individual materials (EN 60626-3:2008/AC:2008)
- HRN EN 60684-3-216:2008/A2:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 216. list: Toplinski skupljajuće navlake s usporenim gorenjem i ograničenom opasnošću od vatre (IEC 60684-3-216:2001/am2:2013; EN 60684-3-216:2005/A2:2014)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 216: Heat-shrinkable, flame-retarded, limited-fire hazard sleeving (IEC 60684-3-216:2001/am2:2013; EN 60684-3-216:2005/A2:2014)
- HRN EN 60684-3-280:2013/A1:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 280. list: Toplinski skupljajuće poliolefinске navlake otporne na vučenje (IEC 60684-3-280:2010/am1:2013; EN 60684-3-280:2010/A1:2014)

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 280: Heat-shrinkable, polyolefin sleeving, anti-tracking (IEC 60684-3-280:2010/am1:2013; EN 60684-3-280:2010/A1:2014)

- HRN EN 60684-3-283:2013/A1:2014 en pr
Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – Toplinski skupljajuće poliolefinске navlake za izolaciju šipki za sabirnice (IEC 60684-3-283:2010/am1:2013; EN 60684-3-283:2011/A1:2014)
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 283: Heat-shrinkable, polyolefin sleeving, for bus-bar insulation (IEC 60684-3-283:2010/am1:2013; EN 60684-3-283:2011/A1:2014)
- HRN EN 60819-3-4:2014 en pr
Necelulozni papiri za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 4. list: Aromidni fiber papir koji ne sadrži više od 50% čestica tinjca (IEC 60819-3-4:2013; EN 60819-3-4:2014)
Non-cellulosic papers for electrical purposes – Part 3: Specifications for individual materials – Sheet 4: Aramid fibre paper containing not more than 50% of mica particles (IEC 60819-3-4:2013; EN 60819-3-4:2014)

HZN/TO E17, *Sklopni i upravljački uređaji*

- HRN EN 50052:2008/Ispr.1:2014 en pr
Lijevana kućišta od aluminijских legura za visokonaponske sklopne aparature punjene plinom (EN 50052:1986/A2:1993/AC:2007)
Cast aluminium alloy enclosures for gas-filled high-voltage switchgear and controlgear (EN 50052:1986/A2:1993/AC:2007)
- HRN EN 50064:2008/Ispr.1:2014 en pr
Kućišta izrađena od aluminija i aluminijских legura za visokonaponske sklopne aparature punjene plinom (EN 50064:1989/A1:1993/AC:2007)
Wrought aluminium and aluminium alloy enclosures for gas-filled high-voltage switchgear and controlgear (EN 50064:1989/A1:1993/AC:2007)
- HRN EN 50068:2008/Ispr.1:2014 en pr
Kućišta izrađena od čelika za visokonaponske sklopne aparature punjene plinom (EN 50068:1991/AC:2007)
Wrought steel enclosures for gas-filled high-voltage switchgear and controlgear (EN 50068:1991/AC:2007)
- HRN EN 50069:2008/Ispr.1:2014 en pr
Zavarena kompozitna kućišta od odljevaka aluminijских legura za visokonaponske sklopne aparature punjene plinom (EN 50069:1991/AC:2007)
Welded composite enclosures of cast and wrought aluminium alloys for gas-filled high-voltage switchgear and controlgear (EN 50069:1991/AC:2007)
- HRN EN 60947-4-3:2014 en pr
Niskonaponska sklopna aparatura – Dio 4-3: Sklopnici i motorski pokretači – Poluvodički kontroleri i sklopnici za nemotorske terete za izmjeničnu struju (IEC 60947-4-3:2014; EN 60947-4-3:2014)
Low-voltage switchgear and controlgear – Part 4-3: Contactors and motor-starters – AC semiconductor controllers and contactors for non-motor loads (IEC 60947-4-3:2014; EN 60947-4-3:2014)
- HRN EN 60947-5-3:2014 en pr
Niskonaponska sklopna aparatura – Dio 5-3: Aparati za upravljačke strujne krugove i sklopni elementi – Zahtjevi za blizinske aparate s određenim ponašanjem u uvjetima kvara (IEC 60947-5-3:2013; EN 60947-5-3:2013)

- Low-voltage switchgear and controlgear – Part 5-3: Control circuit devices and switching elements – Requirements for proximity devices with defined behaviour under fault conditions (PDDb) (IEC 60947-5-3:2013; EN 60947-5-3:2013)
- HRN EN 60947-6-1:2008/A1:2014 en pr
Niskonaponska sklopna aparatura – Dio 6-1: Višefunkcijska oprema – Sklopna oprema za automatsko prespajanje (IEC 60947-6-1:2005/am1:2013; EN 60947-6-1:2005/A1:2014)
Low-voltage switchgear and controlgear – Part 6-1: Multiple function equipment – Transfer switching equipment (IEC 60947-6-1:2005/am1:2013; EN 60947-6-1:2005/A1:2014)
- HRN EN 60947-7-4:2014 en pr
Niskonaponska sklopna aparatura – Dio 7-4: Pomoćna oprema – PCB redne stezaljke za bakrene vodiče (IEC 60947-7-4:2013; EN 60947-7-4:2013)
Low-voltage switchgear and controlgear – Part 7-4: Ancillary equipment – PCB terminal blocks for copper conductors (IEC 60947-7-4:2013; EN 60947-7-4:2013)
- HRN EN 62271-4:2014 en pr
Visokonaponska sklopna aparatura – 4. dio: Postupci za rukovanje sumpornim heksafluoridom (SF6) i mješavinama (IEC 62271-4:2013; EN 62271-4:2013)
High-voltage switchgear and controlgear – Part 4: Handling procedures for sulphur hexafluoride (SF6) and its mixtures (IEC 62271-4:2013; EN 62271-4:2013)
- HRN EN 62271-102:2005/Ispr.1:2014 en pr
Visokonaponska sklopna aparatura – 102. dio: Visokonaponski rastavljači i zemljospojnici izmjenične struje (EN 62271-102:2002/AC:2005)
High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (EN 62271-102:2002/AC:2005)
- HRN EN 62271-112:2014 en pr
Visokonaponska sklopna aparatura – 112. dio: Brzi zemljospojnici izmjenične struje za otklanjanje sekundarnog luka na dalekovodima (IEC 62271-112:2013; EN 62271-112:2013)
High-voltage switchgear and controlgear – Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines (IEC 62271-112:2013; EN 62271-112:2013)
- HRN EN 62271-201:2008/Ispr.1:2014 en pr
Visokonaponska sklopna aparatura – 201. dio: Sklopna aparatura izmjenične struje s krutim izolacijskim plaštem za nazivne napone iznad 1 kV do uključujući 52 kV (EN 62271-201:2006/AC:2006)
High-voltage switchgear and controlgear – Part 201: AC insulation-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (EN 62271-201:2006/AC:2006)
- HRN EN 62271-201:2014 en pr
Visokonaponska sklopna aparatura – 201. dio: Sklopna aparatura izmjenične struje s krutim izolacijskim plaštem za nazivne napone iznad 1 kV do uključujući 52 kV (IEC 62271-201:2014; EN 62271-201:2014)
High-voltage switchgear and controlgear – Part 201: AC solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-201:2014; EN 62271-201:2014)
- HRN EN 62271-202:2014 en pr
Visokonaponska sklopna aparatura – 202. dio: Visokonaponske/niskonaponske tvornički dogotovljene transformatorske stanice (IEC 62271-202:2014; EN 62271-202:2014)
- High-voltage switchgear and controlgear – Part 202: High voltage/low voltage prefabricated substation (IEC 62271-202:2014; EN 62271-202:2014)
- HRN EN 62271-205:2008/Ispr.1:2014 en pr
Visokonaponska sklopna aparatura – 205. dio: Kompaktni sklopni blokovi za nazivne napone iznad 52 kV (EN 62271-205:2008/AC:2008)
High-voltage switchgear and controlgear – Part 205: Compact switchgear assemblies for rated voltages above 52 kV (EN 62271-205:2008/AC:2008)
- HRN EN 62271-211:2014 en pr
Visokonaponska sklopna aparatura – 211. dio: Izravan spoj između energetskeg transformatora i metalom oklopljene plinom izolirane sklopne aparature za nazivne napone iznad 52 kV (IEC 62271-211:2014; EN 62271-211:2014)
High-voltage switchgear and controlgear – Part 211: Direct connection between power transformers and gas-insulated metal-enclosed switchgear for rated voltages above 52 kV (IEC 62271-211:2014; EN 62271-211:2014)
- HRN EN 62626-1:2014 en pr
Niskonaponska sklopna oklopljena aparatura – 1. dio: Oklopljena rastavna sklopka izvan opsega IEC 60947-3 da se osigura izolacijski razmak za vrijeme popravka i održavanja (IEC 62626-1:2014; EN 62626-1:2014)
Low-voltage switchgear and controlgear enclosed equipment – Part 1: Enclosed switch-disconnectors outside the scope of IEC 60947-3 to provide isolation during repair and maintenance work (IEC 62626-1:2014; EN 62626-1:2014)

HZN/TO E20, Električni kabeli

- HRN EN 50565-1:2014 en pr
Električni kabeli – Upute za uporabu kabela s nazivnim naponom ne višim od 450/750 V – 1. dio: Opće upute za uporabu (EN 50565-1:2014)
Electric cables – Guide to use for cables with a rated voltage not exceeding 450/750 V (U0/U) – Part 1: General guidance (EN 50565-1:2014)
- HRN EN 50565-2:2014 en pr
Električni kabeli – Upute za uporabu kabela s nazivnim naponom ne višim od 450/750 V – 2. dio: Specifične upute vezane uz tipove kabela prema EN 50525 (EN 50565-2:2014)
Electric cables – Guide to use for cables with a rated voltage not exceeding 450/750 V (U0/U) – Part 2: Specific guidance related to EN 50525 cable types (EN 50565-2:2014)
- HRN EN 60754-1:2014 en pr
Ispitivanje plinova razvijenih pri izgaranju kabelskog materijala – 1. dio: Određivanje sadržaja plina halogene kiseline (IEC 60754-1:2011+Corr.1:2013; EN 60754-1:2014)
Test on gases evolved during combustion of materials from cables – Part 1: Determination of the halogen acid gas content (IEC 60754-1:2011+Corr.1:2013; EN 60754-1:2014)
- HRN EN 60754-2:2014 en pr
Ispitivanje plinova razvijenih pri izgaranju kabelskog materijala – 2. dio: Određivanje kiselosti mjerenjem PH i vodljivosti (IEC 60754-2:2011; EN 60754-2:2014)
Test on gases evolved during combustion of materials from cables – Part 2: Determination of acidity (by pH measurement) and conductivity (IEC 60754-2:2011; EN 60754-2:2014)

HRN EN 61034-1:2007/A1:2014 en pr
Ispitivanje gustoće dima kod kabela pod definiranim
uvjetima – 1. dio: Ispitni uređaji
(IEC 61034-1:2005/am1:2013;
EN 61034-1:2005/A1:2014)
Measurement of smoke density of cables burning
under defined conditions – Part 1: Test apparatus
(IEC 61034-1:2005/am1:2013;
EN 61034-1:2005/A1:2014)

HZN/TO E22, *Energetska elektronika*

HRN EN 62477-1:2013/A11:2014 en pr
Zahtjevi na sigurnost sustava elektroničkih
energetskih pretvarača i opreme – 1. dio: Općenito
(EN 62477-1:2012/A11:2014)
Safety requirements for power electronic converter
systems and equipment – Part 1: General
(EN 62477-1:2012/A11:2014)

HZN/TO E23, *Električni instalacijski pribor*

HRN EN 50550:2013/A1:2014 en pr
Energetski frekvencijski uređaj za zaštitu od
prenapona za kućanstvo i slične primjene (POP)
(EN 50550:2011/A1:2014)
Power frequency overvoltage protective device for
household and similar applications (POP)
(EN 50550:2011/A1:2014)

HRN EN 61534-1:2012/A1:2014 en pr
Energetski tračnički sustavi – 1. dio: Opći zahtjevi
(IEC 61534-1:2011/am1:2014;
EN 61534-1:2011/A1:2014)
Powertrack systems – Part 1: General requirements
(IEC 61534-1:2011/am1:2014;
EN 61534-1:2011/A1:2014)

HRN EN 61534-21:2014 en pr
Energetski tračnički sustavi – 21. dio: Posebni
zahtjevi za energetske tračničke sustave
namijenjene ugradbi na zid i strop
(IEC 61534-21:2014; EN 61534-21:2014)
Powertrack systems – Part 21: Particular
requirements for powertrack systems intended for
wall and ceiling mounting (IEC 61534-21:2014;
EN 61534-21:2014)

HRN EN 61534-22:2014 en pr
Energetski tračnički sustavi – 22. dio: Posebni
zahtjevi za energetske tračničke sustave
namijenjene ugradnji na pod ili ispod poda
(IEC 61534-22:2014; EN 61534-22:2014)
Powertrack systems – Part 22: Particular
requirements for powertrack systems intended for
onfloor or underfloor installation
(IEC 61534-22:2014; EN 61534-22:2014)

HRN EN 61914:2010/Ispr.1:2014 en pr
Kabelske obujmice za električne instalacije
(EN 61914:2009/AC:2009)
Cable cleats for electrical installations
(EN 61914:2009/AC:2009)

HRN EN 62196-1:2012/A12:2014 en pr
Utikači, utičnice, spojevi i spojnice na vozilima –
Kontaktno punjenje električnih vozila – 1. dio: Opći
zahtjevi (EN 62196-1:2012/A12:2014)
Plugs, socket-outlets, vehicle connectors and vehicle
inlets – Conductive charging of electric vehicles –
Part 1: General requirements
(EN 62196-1:2012/A12:2014)

HZN/TO E31, *Eksplzivne atmosfere*

HRN EN 60079-14:2014 en pr
Eksplzivne atmosfere – 14. dio: Projektiranje,
odabir i izvođenje električnih instalacija
(IEC 60079-14:2013; EN 60079-14:2014)

Explosive atmospheres – Part 14: Electrical
installations design, selection and erection
(IEC 60079-14:2013; EN 60079-14:2014)

HRN EN 60079-17:2008/Ispr.1:2014 en pr
Eksplzivne atmosfere – 17. dio: Pregled i
održavanje električnih instalacija
(EN 60079-17:2007/AC:2008)
Explosive atmospheres – Part 17: Electrical
installations inspection and maintenance
(EN 60079-17:2007/AC:2008)

HRN EN 60079-25:2011/Ispr.1:2014 en pr
Eksplzivne atmosfere – 25. dio: Samosigurni
električni sustavi (EN 60079-25:2010/AC:2013)
Explosive atmospheres – Part 25: Intrinsically safe
electrical systems (EN 60079-25:2010/AC:2013)

HRN EN 60079-29-2:2008/Ispr.1:2014 en pr
Eksplzivne atmosfere – Dio 29-2: Oprema za
otkrivanje i mjerenje zapaljivih plinova – Izbor,
instalacija, uporaba i održavanje opreme za
otkrivanje i mjerenje zapaljivih plinova
(EN 60079-29-2:2007/AC:2007)
Explosive atmospheres – Part 29-2: Gas detectors
– Selection, installation, use and maintenance of
detectors for flammable gases and oxygen
(EN 60079-29-2:2007/AC:2007)

HRN EN 60079-29-3:2014 en pr
Eksplzivne atmosfere – Dio 29-3: Oprema za
otkrivanje i mjerenje zapaljivih plinova – Uputa za
pouzdanost rada stacionarnih sustava za otkrivanje
i mjerenje zapaljivih plinova (IEC 60079-29-3:2014;
EN 60079-29-3:2014)
Explosive atmospheres – Part 29-3: Gas detectors –
Guidance on functional safety of fixed gas detection
systems (IEC 60079-29-3:2014;
EN 60079-29-3:2014)

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

HRN EN 60061-1:2008/A50:2014 en pr
Podnošci i grla za žarulje, granična mjerila za
kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci
za žarulje (IEC 60061-1:1969/am50:2014;
EN 60061-1:1993/A50:2014)
Lamp caps and holders together with gauges for the
control of interchangeability and safety – Part 1:
Lamp caps (IEC 60061-1:1969/am50:2014;
EN 60061-1:1993/A50:2014)

HRN EN 60061-2:2008/A47:2014 en pr
Podnošci i grla za žarulje, granična mjerila za
kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za
žarulje (IEC 60061-2:1969/am47:2014;
EN 60061-2:1993/A47:2014)
Lamp caps and holders together with gauges for
the control of interchangeability and safety – Part 2:
Lamp holders (IEC 60061-2:1969/am47:2014;
EN 60061-2:1993/A47:2014)

HRN EN 60061-3:2008/A48:2014 en pr
Podnošci i grla za žarulje, granična mjerila za
kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična
mjerila (IEC 60061-3:1969/am48:2014;
EN 60061-3:1993/A48:2014)
Lamp caps and holders together with gauges for
the control of interchangeability and safety – Part 3:
Gauges (IEC 60061-3:1969/am48:2014;
EN 60061-3:1993/A48:2014)

HRN EN 60901:2008/Ispr.1:2014 en pr
Fluorescentne cijevi s jednim podnoškom –
Izvedbeni zahtjevi
(EN 60901:1996/A1:1997/AC:1997)
Single-capped fluorescent lamps – Performance
specifications (EN 60901:1996/A1:1997/AC:1997)

- HRN EN 60968:2013/A11:2014 en pr
Žarulje za opću rasvjetu s vlastitim predspojnom
napravom – Sigurnosni zahtjev
i (EN 60968:2013/A11:2014)
Self-ballasted lamps for general lighting services –
Safety requirements (EN 60968:2013/A11:2014)
- HRN EN 61347-2-1:2008/Ispr.1:2014 en pr
Predspojne naprave – Dio 2-1: Posebni zahtjevi za
propaljivače (osim tinjavih startera)
(EN 61347-2-1:2001/A1:2006/AC:2006)
Lamp controlgear – Part 2-1: Particular requirements
for starting devices (other than glow starters)
(EN 61347-2-1:2001/A1:2006/AC:2006)
- HRN EN 62442-2:2014 en pr
Energetske značajke predspojnih naprava – 2. dio:
Predspojne naprave za visokoučinkovite žarulje
s izbojem (osim fluorescentnih žarulja) – Mjerna
metoda za određivanje učinkovitosti predspojne
naprave (IEC 62442-2:2014; EN 62442-2:2014)
Energy performance of lamp controlgear – Part 2:
Controlgear for high intensity discharge lamps
(excluding fluorescent lamps) – Method of
measurement to determine the efficiency of the
controlgear (IEC 62442-2:2014; EN 62442-2:2014)

HZN/TO E36, Izolatori

- HRN EN 60507:2014 en pr
Ispitivanja umjetnog onečišćenja na
visokonaponskim keramičkim i staklenim izolatorima
za upotrebu u izmjeničnim sustavima
(IEC 60507:2013; EN 60507:2014)
Artificial pollution tests on high-voltage ceramic and
glass insulators to be used on a.c. systems
(IEC 60507:2013; EN 60507:2014)

HZN/TO E37, Odvodnici prenapona

- HRN EN 60099-4:2014 en pr
Odvodnici prenapona – 4. dio: Metaloksidni
odvodnici prenapona bez iskrišta za sustave
izmjenične struje (IEC 60099-4:2014;
EN 60099-4:2014)
Surge arresters – Part 4: Metal-oxide surge arresters
without gaps for a.c. systems (IEC 60099-4:2014;
EN 60099-4:2014)
- HRN EN 60099-5:2014 en pr
Odvodnici prenapona – 5. dio: Preporuke za odabir i
primjenu (IEC 60099-5:2013; EN 60099-5:2013)
Surge arresters – Part 5: Selection and application
recommendations (IEC 60099-5:2013;
EN 60099-5:2013)
- HRN EN 60099-9:2014 en pr
Odvodnici prenapona – 9. dio: Metaloksidni
odvodnici prenapona bez iskrišta za pretvaračke
stanice sustava istosmjerne struje visokog napona
(HVDC) (IEC 60099-9:2014; EN 60099-9:2014)
Surge arresters – Part 9: Metal-oxide surge arresters
without gaps for HVDC converter stations
(IEC 60099-9:2014; EN 60099-9:2014)

HZN/TO E42, Visokonaponska ispitivanja

- HRN EN 60060-3:2008/Ispr.1:2014 en pr
Visokonaponske ispitne tehnike – 3. dio: Definicije i
zahtjevi za ispitivanja izvan laboratorijskih uvjeta
(EN 60060-3:2006/AC:2006)
High voltage test techniques – Part 3: Definitions
and requirements for on-site tests
(EN 60060-3:2006/AC:2006)

HZN/TO E44, Elektrotehnička sigurnost strojeva

- HRN EN 60204-31:2014 en pr
Sigurnost strojeva – Električna oprema strojeva –
31. dio: Posebna sigurnost i EMC zahtjevi za šivaće
strojeve, jedinice i sustave (IEC 60204-31:2013;
EN 60204-31:2013)
Safety of machinery – Electrical equipment of
machines – Part 31: Particular safety and EMC
requirements for sewing machines, units and
systems (IEC 60204-31:2013; EN 60204-31:2013)
- HRN EN 61496-1:2014 en pr
Sigurnost strojeva – Elektroosjetilna zaštitna oprema
– 1. dio: Opći zahtjevi i ispitivanja
(IEC 61496-1:2012; EN 61496-1:2013)
Safety of machinery – Electro-sensitive protective
equipment – Part 1: General requirements and tests
(IEC 61496-1:2012; EN 61496-1:2013)
- HRN EN 61496-2:2014 en pr
Sigurnost strojeva – Elektroosjetilna zaštitna
oprema – 2. dio: Posebni zahtjevi za opremu koja
upotrebljava aktivne optoelektroničke zaštitne
naprave (IEC 61496-2:2013; EN 61496-2:2013)
Safety of machinery – Electro-sensitive protective
equipment – Part 2: Particular requirements for
equipment using active opto-electronic protective
devices (AOPDs) (IEC 61496-2:2013;
EN 61496-2:2013)

HZN/TO E45, Nuklearna instrumentacija

- HRN EN 60846-1:2014 en pr
Instrumentacija u zaštiti od zračenja – Ambijentalni
i/ili usmjereni mjerači i/ili monitori (brzine) doznog
ekvivalenta za beta, rendgensko i gama zračenje –
1. dio: Prijenosni mjerači i monitori za radni okoliš i
okolinu (IEC 60846-1:2009; EN 60846-1:2014)
Radiation protection instrumentation – Ambient and/
or directional dose equivalent (rate) meters and/or
monitors for beta, X and gamma radiation – Part 1:
Portable workplace and environmental meters and
monitors (IEC 60846-1:2009; EN 60846-1:2014)

HZN/TO E55, Žice za namote

- HRN EN 60264-4-2:2001/A1:2008/Ispr.1:2014 en pr
Pakiranje žice za namote – 4. dio: Metode ispitivanja
– 2. odjeljak: Ambalaža od termoplastičnog
materijala za stožaste kolute za isporuku
(EN 60264-4-2:1994/A1:2005/Corr.1:2005)
Packaging of winding wires – Part 4-2: Methods of
test – Containers made from thermoplastic material
for taper barrelled delivery spools
(EN 60264-4-2:1994/A1:2005/Corr.1:2005)
- HRN EN 60264-5-2:2014 en pr
Pakiranje žice za namote – Dio 5-2: Cilindrični koluti
za isporuku sa koničnim prirubnicama – Specifikacije
povratnih koluta od termoplastičnih materijala
(IEC 60264-5-2:2001; EN 60264-5-2:2001)
Packaging of winding wires – Part 5-2: Cylindrical
barrelled delivery spools with conical flanges –
Specification for returnable spools made from
thermoplastic material (IEC 60264-5-2:2001;
EN 60264-5-2:2001)
- HRN EN 60317-0-3:2008/A1:2014 en pr
Specifikacije pojedinih vrsta žica za namote –
Dio 0-3: Opći zahtjevi – Okrugla aluminijska lakirana
žica (IEC 60317-0-3:2008/A1:2013;
EN 60317-0-3:2008/A1:2013)
Specifications for particular types of winding wires –
Part 0-3: General requirements – Enamelled round
aluminium wire (IEC 60317-0-3:2008/A1:2013;
EN 60317-0-3:2008/A1:2013)

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

- HRN EN 61968-9:2014 en pr
Integracija aplikacija u elektroprivredi – Sučelja za sustave upravljanja u distribuciji – 9. dio: Sučelje za očitavanje i upravljanje brojilima (IEC 61968-9:2013; EN 61968-9:2014)
Application integration at electric utilities – System interfaces for distribution management – Part 9: Interfaces for meter reading and control (IEC 61968-9:2013; EN 61968-9:2014)
- HRN EN 61970-453:2014 en pr
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 453. dio: Profili za pregled shema (IEC 61970-453:2014; EN 61970-453:2014)
Energy management system application program interface (EMS-API) – Part 453: Diagram layout profile (IEC 61970-453:2014; EN 61970-453:2014)
- HRN EN 61970-552:2014 en pr
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) - 552. dio: Format za razmjenu CIMXML modela (IEC 61970-552:2013; EN 61970-552:2014)
Energy Management System Application Program Interface (EMS-API) – Part 552: CIM XML Model Exchange Format (IEC 61970-552:2013; EN 61970-552:2014)
- HRN EN 62325-301:2014 en pr
Tehnički okviri za komunikaciju na tržištu električnom energijom – 301. dio: Proširenje zajedničkog informacijskog modela (CIM) prema zahtjevima tržišta (IEC 62325-301:2014; EN 62325-301:2014)
Framework for energy market communications – Part 301: Common Information Model (CIM) extensions for markets (IEC 62325-301:2014; EN 62325-301:2014)
- HRN EN 62325-451-2:2014 en pr
Tehnički okvir za komunikaciju na tržištu električnom energijom – Dio 451-2: Proces usuglašavanja prekograničnih razmjena i kontekstualni model za europsko tržište (IEC 62325-451-2:2014; EN 62325-451-2:2014)
Framework for energy market communications – Part 451-2: Scheduling business process and contextual model for CIM European market (IEC 62325-451-2:2014; EN 62325-451-2:2014)

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

- HRN EN 50559:2014 en pr
Electric room heating, underfloor heating, characteristics of performance – Definitions, method of testing, sizing and formula symbols (EN 50559:2013)
- HRN EN 60456:2013/Ispr.1:2014 en pr
Perilice rublja za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (EN 60456:2011/AC:2011)
Clothes washing machines for household use – Methods for measuring the performance (EN 60456:2011/AC:2011)
- HRN EN 60661:2014 en pr
Ispitne metode za mjerenje radnih značajka električnih kućanskih aparata za kavu (IEC 60661:1999, MOD+am1:2003, MOD+am2:2005, MOD; EN 60661:2014)
Methods for measuring the performance of electric household coffee makers (IEC 60661:1999, MOD+am1:2003, MOD+am2:2005, MOD; EN 60661:2014)

- HRN EN 60705:2014/A1:2014 en pr
Kućanske mikrovalne pećnice – Ispitne metode za mjerenje radnih značajka (IEC 60705:2010/am1:2014; EN 60705:2012/A1:2014)
Household microwave ovens – Methods for measuring performance (IEC 60705:2010/am1:2014; EN 60705:2012/A1:2014)
- HRN EN 60734:2014 en pr
Kućanski električni aparati – Značajke – Voda za ispitivanje (IEC 60734:2012; EN 60734:2012)
Household electrical appliances – Performance – Water for testing (IEC 60734:2012; EN 60734:2012)

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

- HRN EN 50408:2008/A1:2014 en pr
Kućanski i slični električni aparati – Sigurnost – Posebni zahtjevi grijalica za kamionsku kabinu (EN 50408:2008/A1:2011)
Household and similar electrical appliances – Safety – Particular requirements for cab heaters for vehicles (EN 50408:2008/A1:2011)
- HRN EN 50569:2014 en pr
Household and similar electrical appliances – Safety – Particular requirements for commercial electric spin extractors (EN 50569:2013)
- HRN EN 50570:2014 en pr
Household and similar electrical appliances – Safety – Particular requirements for commercial electric tumble dryers (EN 50570:2013)
- HRN EN 50571:2014 en pr
Household and similar electrical appliances – Safety – Particular requirements for commercial electric washing machines (EN 50571:2013)
- HRN EN 60335-1:2012/A11:2014 en pr
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi (EN 60335-1:2012/A11:2014)
Household and similar electrical appliances – Safety – Part 1: General requirements (EN 60335-1:2012/A11:2014)
- HRN EN 60335-1:2012/Ispr.1:2014 en pr
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi (EN 60335-1:2012/AC:2014)
Household and similar electrical appliances – Safety – Part 1: General requirements (EN 60335-1:2012/AC:2014)
- HRN EN 60335-2-14:2006/A11:2012/Ispr.1:2014 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-14: Posebni zahtjevi za kuhinjske strojeve (EN 60335-2-14:2006/A11:2012/AC:2013)
Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines (EN 60335-2-14:2006/A11:2012/AC:2013)
- HRN EN 60335-2-15:2006/A11:2012/Ispr.1:2014 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-15: Posebni zahtjevi aparata za grijanje tekućina (EN 60335-2-15:2002/A11:2012/AC:2013)
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (EN 60335-2-15:2002/A11:2012/AC:2013)
- HRN EN 60335-2-15:2006/Ispr.2:2014 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-15: Posebni zahtjevi aparata za grijanje tekućina (EN 60335-2-15:2002/AC:2005)
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (EN 60335-2-15:2002/AC:2005)

HRN EN 60335-2-27:2014 en pr
Kućanski i slični električni aparati – Sigurnost –
Dio 2-27: Posebni zahtjevi za aparate za izlaganje
kože ultraljubičastom i infracrvenom zračenju
(IEC 60335-2-27:2009, MOD; EN 60335-2-27:2013)
Household and similar electrical appliances – Safety
– Part 2-27: Particular requirements for appliances
for skin exposure to ultraviolet and infrared radiation
(IEC 60335-2-27:2009, MOD; EN 60335-2-27:2013)

HRN EN 60335-2-31:2005/Isp.1:2014 en pr
Kućanski i slični električni aparati – Sigurnost –
Dio 2-31: Posebni zahtjevi za kuhinjske usisne kape
(EN 60335-2-31:2003/AC:2005)
Household and similar electrical appliances – Safety
– Part 2-31: Particular requirements for range hoods
and other cooking fume extractors
(EN 60335-2-31:2003/AC:2005)

HRN EN 60335-2-40:2006/A13:2012/Isp.1:2014 en pr
Kućanski i slični električni aparati – Sigurnost –
Dio 2-40: Posebni zahtjevi za dizalice topline, klima-
aparate i sušila zraka
(EN 60335-2-40:2003/A13:2012/AC:2013)
Household and similar electrical appliances – Safety
– Part 2-40: Particular requirements for electrical
heat pumps, air-conditioners and dehumidifiers
(EN 60335-2-40:2003/A13:2012/AC:2013)

HRN EN 60335-2-4:2005/Isp.1:2014 en pr
Kućanski i slični električni aparati – Sigurnost –
Dio 2-4: Posebni zahtjevi za centrifuge rublj
a (EN 60335-2-4:2002/AC:2006)
Household and similar electrical appliances –
Safety – Part 2-4: Particular requirements for spin
extractors (EN 60335-2-4:2002/AC:2006)

HRN EN 60335-2-64:2008/Isp.1:2014 en pr
Sigurnost kućanskih i sličnih električnih aparata –
Dio 2-64: Posebni zahtjevi za ugostiteljske kuhinjske
strojeve (EN 60335-2-64:2000/AC:2002)
Safety of household and similar electrical appliances
– Part 2-64: Particular requirements for commercial
electric kitchen machines
(EN 60335-2-64:2000/AC:2002)

HRN EN 60335-2-7:2011/A11:2014 en pr
Kućanski i slični električni aparati – Sigurnost –
Dio 2-7: Posebni zahtjevi za perilice rublja
(EN 60335-2-7:2010/A11:2013)
Household and similar electrical appliances – Safety
– Part 2-7: Particular requirements for washing
machines (EN 60335-2-7:2010/A11:2013)

HZN/TO E62, *Električna oprema u medicinskoj praksi*

HRN EN 60601-1:1999/Isp.1:2014 en pr
Medicinski električni uređaji – 1. dio: Opći sigurnosni
zahtjevi (EN 60601-1:1990/A1:1993/AC:1994)
Medical electrical equipment – Part 1: General
requirements for safety
(EN 60601-1:1990/A1:1993/AC:1994)

HRN EN 60601-2-34:2014 en pr
Medicinska električna oprema – Dio 2-34: Posebni
zahtjevi za osnovnu sigurnost i bitne radne značajke
uređaja za invazivno mjerenje krvnog tlaka
(EC 60601-2-34:2011; EN 60601-2-34:2014)
Medical electrical equipment – Part 2-34: Particular
requirements for the basic safety and essential
performance of invasive blood pressure monitoring
equipment (IEC 60601-2-34:2011;
EN 60601-2-34:2014)

HRN EN 60601-2-43:2011/Isp.1:2014 en pr
Medicinski električni uređaji – Dio 2-43: Posebni
zahtjevi za osnovnu sigurnost i bitne radne značajke
rendgenskih uređaja za intervencijske zahvate
(EN 60601-2-43:2010/AC:2014)
Medical electrical equipment – Part 2-43: Particular
requirements for basic safety and essential
performance of X-ray equipment for interventional
procedures (EN 60601-2-43:2010/AC:2014)

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

HRN HD 50573-5-57:2014 en pr
Usklađivanje električne opreme za zaštitu,
odvajanje, sklapanje i upravljanje
(HD 50573-5-57:2014)
Co-ordination of electrical equipment for protection,
isolation, switching and control
(HD 50573-5-57:2014)

HRN HD 60364-4-41:2007/Isp.1:2014 en pr
Niskonaponske električne instalacije – Dio 4-41:
Sigurnosna zaštita – Zaštita od električnog udara
(HD 60364-4-41:2007/AC:2007)
Low-voltage electrical installations – Part 4-41:
Protection for safety – Protection against electric
shock (HD 60364-4-41:2007/AC:2007)

HRN HD 60364-4-444:2011/Isp.1:2014 en pr
Niskonaponske električne instalacije – Dio 4-444:
Sigurnosna zaštita – Zaštita od naponskih i
elektromagnetskih poremećaja
(HD 60364-4-444:2010/AC:2010)
Low-voltage electrical installations – Part 4-444:
Protection for safety – Protection against voltage
disturbances and electromagnetic disturbances
(HD 60364-4-444:2010/AC:2010)

HRN HD 60364-5-51:2010/A11:2014 en pr
Električne instalacije zgrada – Dio 5-51: Odabir i
ugradba električne opreme – Zajednička pravila
(HD 60364-5-51:2009/A11:2013)
Electrical installations of buildings – Part 5-51:
Selection and erection of electrical equipment –
Common rules (HD 60364-5-51:2009/A11:2013)

HRN HD 60364-5-557:2014 en pr
Niskonaponske električne instalacije – Dio 5-557:
Odabir i ugradnja električne opreme – Pomoćni
strujni krugovi (IEC 60364-5-55:2011/am1:2012;
HD 60364-5-557:2013)
Low-voltage electrical installations – Part 5-557:
Selection and erection of electrical equipment –
Auxiliary circuits (IEC 60364-5-55:2011/am1:2012;
HD 60364-5-557:2013)

HRN HD 60364-5-559:2007/Isp.1:2014 en pr
Električne instalacije zgrada – Dio 5-55: Odabir i
ugradba električne opreme – Druga oprema –
559. odjeljak: Svjetiljke i instalacije rasvjete
(HD 60364-5-559:2005/AC:2007)

Electrical installations of buildings – Part 5-55:
Selection and erection of electrical equipment –
Other equipment – Clause 559: Luminaires and
lighting installations
(HD 60364-5-559:2005/AC:2007)

HRN HD 60364-7-705:2007/Ispr.1:2014 en pr
Niskonaponske električne instalacije – Dio 7-705:
Zahtjevi za posebne instalacije ili prostore –
Poljodjelske i vrtlarske prostorije
(HD 60364-7-705:2007/AC:2008)
Low-voltage electrical installations – Part 7-705:
Requirements for special installations or locations –
Agricultural and horticultural premises
(HD 60364-7-705:2007/AC:2008)

HRN HD 60364-7-709:2010/Ispr.1:2014 en pr
Niskonaponske električne instalacije – Dio 7-709:
Zahtjevi za posebne instalacije ili prostore – Marine i
slični prostori (HD 60364-7-709:2009/AC:2010)
Low-voltage electrical installations – Part 7-709:
Requirements for special installations or locations –
Marinas and similar locations
(HD 60364-7-709:2009/AC:2010)

HRN HD 60364-7-712:2007/Ispr.1:2014 en pr
Električne instalacije zgrada – Dio 7-712: Zahtjevi za
posebne instalacije ili prostore – Sustavi za sunčanu
fotonaponsku (PV) energetska opskrbu
(HD 60364-7-712:2005/AC:2006)
Electrical installations of buildings – Part 7-712:
Requirements for special installations or locations –
Solar photovoltaic (PV) power supply systems
(HD 60364-7-712:2005/AC:2006)

HRN HD 60364-7-718:2014 en pr
Niskonaponske električne instalacije – Dio 7-718:
Zahtjevi za posebne instalacije ili prostore – Javne
ustanove i mjesta rada (IEC 60364-7-718:2011;
HD 60364-7-718:2013)
Low-voltage electrical installations – Part 7-718:
Requirements for special installations or locations –
Communal facilities and workplaces
(IEC 60364-7-718:2011; HD 60364-7-718:2013)

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

HRN EN 60770-3:2014 en pr
Prijenosnici za upotrebu u sustavima za industrijsko
vođenje procesa – 3. dio: Metoda za ocjenu
djelovanja inteligentnih prijenosnika
(IEC 60770-3:2014; EN 60770-3:2014)
Transmitters for use in industrial-process control
systems – Part 3: Methods for performance
evaluation of intelligent transmitters
(IEC 60770-3:2014; EN 60770-3:2014)

HRN EN 62439-3:2014 en pr
Industrijske komunikacijske mreže – Automacijske
mreže velike raspoloživosti – 3. dio: Protokol
usporedne zalihosti (PRP) i neograničene zalihosti
velike raspoloživosti (HSR) (IEC 62439-3:2012;
EN 62439-3:2012)
Industrial communication networks – High availability
automation networks – Part 3: Parallel Redundancy
Protocol (PRP) and High availability Seamless
Redundancy (HSR) (IEC 62439-3:2012;
EN 62439-3:2012)

HRN EN 62439-4:2011/A1:2014 en pr
Industrijske komunikacijske mreže – Automacijske
mreže velike raspoloživosti – 4. dio: Protokol
zalihosti unakrsne mreže
Industrial communication networks – High availability
automation networks – Part 4: Cross-network
Redundancy Protocol (CRP) (IEC 62439-4:2010/
am1:2012; EN 62439-4:2010/A1:2012)

HZN/TO E69, *Cestovna i industrijska električna vozila*

HRN EN 61851-23:2014 en pr
Sustav kontaktnog punjenja električnih vozila –
23. dio: Stanica za punjenje vozila istosmjernom
strujom (IEC 61851-23:2014; EN 61851-23:2014)
Electric vehicle conductive charging system –
Part 23: DC electric vehicle charging station
(IEC 61851-23:2014; EN 61851-23:2014)

HRN EN 61851-24:2014 en pr
Sustav kontaktnog punjenja električnih vozila –
24. dio: Digitalna komunikacija između stanice za
punjenje vozila istosmjernom strujom i električnog
vozila radi upravljanja punjenjem istosmjernom
strujom (IEC 61851-24:2014; EN 61851-24:2014)
Electric vehicle conductive charging system –
Part 24: Digital communication between a d.c. EV
charging station and an electric vehicle for control of
d.c. charging (IEC 61851-24:2014;
EN 61851-24:2014)

HZN/TO E70, *Stupnjevi zaštite kućištem*

HRN EN 50102:2000/Ispr.1:2014 en pr
Stupnjevi zaštite za električnu opremu osigurani
kućištima od vanjskih mehaničkih udara (IK Code)
(EN 50102:1995/AC:2002)
Degrees of protection provided by enclosures for
electrical equipment against external mechanical
impacts (IK code) (EN 50102:1995/AC:2002)

HZN/TO E78, *Rad pod naponom*

HRN EN 60743:2014 en pr
Rad pod naponom – Terminologija za alate, uređaje i
opremu (IEC 60743:2013; EN 60743:2013)
Live working – Terminology for tools, devices and
equipment (IEC 60743:2013; EN 60743:2013)

HRN EN 61477:2011/Ispr.1:2014 en pr
Rad pod naponom – Minimalni zahtjevi za upotrebu
alata, uređaja i opreme (EN 61477:2009/AC:2010)
Live working – Minimum requirements for the
utilization of tools, devices and equipment
(EN 61477:2009/AC:2010)

HZN/TO E79, *Alarmni sustavi*

HRN EN 50131-6:2008/A1:2014 en pr
Alarmni sustavi – Protuprovalni i protuprepadni
sustavi – 6. dio: Izvori napajanja (EN 50131-6:2008/
A1:2014)
Alarm systems – Intrusion and hold-up systems –
Part 6: Power supplies (EN 50131-6:2008/A1:2014)

HRS CLC/TS 50131-9:2014 en pr
Alarmni sustavi – Protuprovalni i protuprepadni
sustavi – 9. dio: Provjera alarma – Metode i načela
(CLC/TS 50131-9:2014)
Alarm systems – Intrusion and hold up systems –
Part 9: Alarm verification – Methods and principles
(CLC/TS 50131-9:2014)

HRN EN 50131-10:2014 en pr
Alarmni sustavi – Protuprovalni i protuprepadni
sustavi – 10. dio Posebni zahtjevi primjene
primopredajnika za nadzirane objekte (SPT)
(EN 50131-10:2014)
Alarm systems – Intrusion and hold-up systems
– Part 10: Application specific requirements for
Supervised Premises Transceiver (SPT)
(EN 50131-10:2014)

HRN EN 50132-7:1998/Isp.1:2014 en pr
Alarmni sustavi – Sustavi nadzora primjenom televizije zatvorenoga kruga u primjenama zaštite – 7. dio: Smjernice za primjenu
(EN 50132-7:1996/AC:1997)
Alarm systems – CCTV surveillance systems for use in security applications – Part 7: Application guidelines (EN 50132-7:1996/AC:1997)

HRN EN 62676-1-1:2014 en pr
Video nadzorni sustavi za uporabu u primjenama zaštite – Dio 1-1: Zahtjevi za sustav – Općenito
(IEC 62676-1-1:2013; EN 62676-1-1:2014)
Video surveillance systems for use in security applications – Part 1-1: System requirements – General (IEC 62676-1-1:2013; EN 62676-1-1:2014)

HRN EN 62676-1-1:2014/Isp.1:2014 en pr
Video nadzorni sustavi za uporabu u primjenama zaštite – Dio 1-1: Zahtjevi za sustav – Općenito
(EN 62676-1-1:2014/AC:2014)
Video surveillance systems for use in security applications – Part 1-1: System requirements – General (EN 62676-1-1:2014/AC:2014)

HZN/TO E85, Oprema za mjerenje električnih i elektromagnetskih veličina

HRN EN 61187:2008/Isp.1:2014 en pr
Električna i elektronička mjerna oprema – Dokumentacija (EN 61187:1994/AC:1995)
Electrical and electronic measuring equipment – Documentation (EN 61187:1994/AC:1995)

HZN/TO E88, Vjetroagregati

HRN EN 50308:2008/Isp.1:2014 en pr
Vjetroagregati – Zaštitne mjere – Zahtjevi za projektiranje, pogon i održavanje
(EN 50308:2004/AC:2005)
Wind turbines – Protective measures – Requirements for design, operation and maintenance (EN 50308:2004/AC:2005)

HRN EN 61400-4:2014 en pr
Vjetroagregati – 4. dio: Zahtjevi za projektiranje za multiplikatore vjetroagregata (IEC 61400-4:2012; EN 61400-4:2013)
Wind turbines – Part 4: Design requirements for wind turbine gearboxes (IEC 61400-4:2012; EN 61400-4:2013)

HRN EN 61400-11:2014 en pr
Vjetroagregati – 11. dio: Postupci mjerenja akustične buke (IEC 61400-11:2012; EN 61400-11:2013)
Wind turbines – Part 11: Acoustic noise measurement techniques (IEC 61400-11:2012; EN 61400-11:2013)

HRN EN 61400-12-2:2014 en pr
Vjetroagregati – Dio 12-2: Proizvodnost vjetroagregata na osnovi mjerenja vjetroanemometrom smještenog na gondoli (IEC 61400-12-2:2013; EN 61400-12-2:2013)
Wind turbines – Part 12-2: Power performance of electricity producing wind turbines based on nacelle anemometry (IEC 61400-12-2:2013; EN 61400-12-2:2013)

HRN EN 61400-23:2014 en pr
Vjetroagregati – 23. dio: Strukturno ispitivanje rotorskih lopatica u punom opsegu (IEC 61400-23:2014; EN 61400-23:2014)
Wind turbines – Part 23: Full-scale structural testing of rotor blades (IEC 61400-23:2014; EN 61400-23:2014)

HZN/TO E95, Mjerni releji i zaštitna oprema

HRN EN 60255-3:2008/Isp.1:2014 en pr
Električni releji – 3. dio: Mjerni releji s jednom ulaznom veličinom s ovisnom ili neovisnom vremenskom karakteristikom
(EN 60255-3:1998/AC:1998)
Electrical relays – Part 3: Single input energizing quantity measuring relays with dependent or independent time (EN 60255-3:1998/AC:1998)

HRN EN 60255-121:2014 en pr
Mjerni releji i zaštitna oprema – 121. dio: Funkcionalni zahtjevi za zaštitu od udaljenih kvarova (IEC 60255-121:2014; EN 60255-121:2014)
Measuring relays and protection equipment – Part 121: Functional requirements for distance protection (IEC 60255-121:2014; EN 60255-121:2014)

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

HRN EN 50248:2003/Isp.1:2014 en pr
Značajke prijamnika digitalne radiodifuzije (DAB, Digital Audio Broadcasting)
(EN 50248:2001/AC:2007)
Characteristics of DAB receivers (EN 50248:2001/AC:2007)

HRN EN 60728-1-1:2014 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 1-1: RF kabliranje za dvosmjerne kućne mreže
(IEC 60728-1-1:2014; EN 60728-1-1:2014)
Cable networks for television signals, sound signals and interactive services – Part 1-1: RF cabling for two way home networks (IEC 60728-1-1:2014; EN 60728-1-1:2014)

HRN EN 60728-1:2014 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 1. dio: Značajke sustava smjerova otpreme (TA5)
(IEC 60728-1:2014; EN 60728-1:2014)
Cable networks for television signals, sound signals and interactive services – Part 1: System performance of forward paths (TA5) (IEC 60728-1:2014; EN 60728-1:2014)

HRN EN 60728-1-2:2014 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 1-2: Zahtjevi za osobine signala na izlaznom priključku tijekom rada (TA 5) (IEC 60728-1-2:2014; EN 60728-1-2:2014)
Cable networks for television signals, sound signals and interactive services – Part 1-2: Performance requirements for signals delivered at the system outlet in operation (TA 5) (IEC 60728-1-2:2014; EN 60728-1-2:2014)

HRN EN 62608-1:2014 en pr
Konfiguracija kućne mreže za multimediju – Osnovni referencijski model – 1. dio: Model sustava
(IEC 62608-1:2014; EN 62608-1:2014)
Multimedia home network configuration – Basic Reference model – Part 1: System model (IEC 62608-1:2014; EN 62608-1:2014)

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

- HRN EN 61786-1:2014 en pr
Mjerenje istosmjernih magnetskih te izmjeničnih magnetskih i električnih polja frekvencija od 1 Hz do 100 kHz, s obzirom na izloženost ljudi – 1. dio: Zahtjevi za mjernu opremu (IEC 61786-1:2013; EN 61786-1:2014)
Measurement of DC magnetic, AC magnetic and AC electric fields from 1 Hz to 100 kHz with regard to exposure of human beings – Part 1: Requirements for measuring instruments (IEC 61786-1:2013; EN 61786-1:2014)

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

- HRN EN 61858-1:2014 en pr
Električni izolacijski sustavi – Toplinska procjena promjene uspostavljenog električnog izolacijskog sustava (EIS-a) – 1. dio: EIS namota s okruglom žicom (IEC 61858-1:2014; EN 61858-1:2014)
Electrical insulation systems – Thermal evaluation of modifications to an established electrical insulation system (EIS) – Part 1: Wire-wound winding EIS (IEC 61858-1:2014; EN 61858-1:2014)
- HRN EN 61858-2:2014 en pr
Električni izolacijski sustavi – Toplinska procjena promjene uspostavljenog električnog izolacijskog sustava (EIS-a) – 2. dio: EIS oblikovanog namota (IEC 61858-2:2014; EN 61858-2:2014)
Electrical insulation systems – Thermal evaluation of modifications to an established electrical insulation system (EIS) – Part 2: Form-wound EIS (IEC 61858-2:2014; EN 61858-2:2014)

HZN/TO E500, *Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama*

- HRN EN 55016-2-1:2014 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 2-1: Metode mjerenja smetnja i otpornosti – Mjerenja vođenih smetnja (CISPR 16-2-1:2014; EN 55016-2-1:2014)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-1: Methods of measurement of disturbances and immunity – Conducted disturbance measurements (CISPR 16-2-1:2014; EN 55016-2-1:2014)
- HRN EN 55016-2-3:2011/A2:2014 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 2-3: Metode mjerenja smetnja i otpornosti – Mjerenje zračenih smetnji (CISPR 16-2-3:2010/am2:2014; EN 55016-2-3:2010/A2:2014)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements (CISPR 16-2-3:2010/am2:2014; EN 55016-2-3:2010/A2:2014)
- HRN EN 55016-4-2:2012/A1:2014 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 4-2: Nesigurnosti, statistike i modeliranje dopuštenih vrijednosti – Nesigurnost mjerne opreme (CISPR 16-4-2:2011/am1:2014; EN 55016-4-2:2011/A1:2014)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-2: Uncertainties, statistics and limit modelling – Measurement instrumentation uncertainty (CISPR 16-4-2:2011/am1:2014; EN 55016-4-2:2011/A1:2014)
- HRN EN 55032:2013/Ispr.1:2014 en pr
Elektromagnetska kompatibilnost multimedijske opreme – Zahtjevi na emisiju (EN 55032:2012/AC:2013)
Electromagnetic compatibility of multimedia equipment – Emission requirements (EN 55032:2012/AC:2013)
- HRN EN 61000-2-4:2008/Ispr.1:2014 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 2-4: Okoliš – Razine kompatibilnosti u industrijskim postrojenjima za niskofrekvencijske vođene smetnje (IEC 61000-2-4:2002/Corr.1:2014; EN 61000-2-4:2002/AC:2014)
Electromagnetic compatibility (EMC) – Part 2-4: Environment – Compatibility levels in industrial plants for low-frequency conducted disturbances (IEC 61000-2-4:2002/Corr.1:2014; EN 61000-2-4:2002/AC:2014)
- HRN EN 61000-4-18:2008/Ispr.1:2014 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-18: Ispitne i mjerne tehnike – Ispitivanje otpornosti na prigušene oscilirajuće valove (EN 61000-4-18:2007/AC:2007)
Electromagnetic compatibility (EMC) – Part 4-18: Testing and measurement techniques – Damped oscillatory wave immunity test (EN 61000-4-18:2007/AC:2007)
- HRN EN 61000-4-19:2014 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-19: Ispitne i mjerne tehnike – Ispitivanje otpornosti na vođene smetnje u diferencijalnome modu i signalizacije u frekvencijskom području od 0 Hz do 150 kHz na ulazima izmjeničnog napajanja (IEC 61000-4-19:2014; EN 61000-4-19:2014)
Electromagnetic compatibility (EMC) – Part 4-19: Testing and measurement techniques – Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at a.c. power ports (IEC 61000-4-19:2014; EN 61000-4-19:2014)
- HRN EN 61000-4-5:2014 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-5: Ispitne i mjerne tehnike – Ispitivanje otpornosti na udarne prenapone (IEC 61000-4-5:2014; EN 61000-4-5:2014)
Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test (IEC 61000-4-5:2014; EN 61000-4-5:2014)
- HRN EN 61000-4-6:2014 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-6: Ispitne i mjerne tehnike – Ispitivanje otpornosti na vođene smetnje nastale djelovanjem radiofrekvencijskih polja (IEC 61000-4-6:2013; EN 61000-4-6:2014)
Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6:2013; EN 61000-4-6:2014)

HZN/TO E501, *Elektroakustika i ultrazvuk*

- HRN EN 61260-1:2014 en pr
Elektroakustika – Oktavni i pojasni filtri s proporcionalnim širinama pojasa – 1. dio: Karakteristike filtara (IEC 61260-1:2014; EN 61260-1:2014)
Electroacoustics – Octave-band and fractional-octave-band filters – Part 1: Specifications (IEC 61260-1:2014; EN 61260-1:2014)
- HRN EN 62555:2014 en pr
Ultrazvuk – Mjerenja snage – Terapijski ultrazvučni (HITU) pretvarači i sustavi visokog intenziteta (IEC 62555:2013; EN 62555:2014)
Ultrasonics – Power measurement – High intensity therapeutic ultrasound (HITU) transducers and systems (IEC 62555:2013; EN 62555:2014)

HZN/TO T4, *Normizacija u telekomunikacijama*

- HRN EN 300 019-1-1 V2.2.1:2014 en pr
Ekoinženjering (EE) – Okolišni uvjeti i okolišna ispitivanja za telekomunikacijsku opremu – Dio 1-1: Razredba okolišnih uvjeta – Uskladištenje (EN 300 019-1-1 V2.2.1:2014)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 1-1: Classification of environmental conditions – Storage (EN 300 019-1-1 V2.2.1:2014)
- HRN EN 300 019-1-2 V2.2.1:2014 en pr
Ekoinženjering (EE) – Okolišni uvjeti i okolišna ispitivanja za telekomunikacijsku opremu – Dio 1-2: Razredba okolišnih uvjeta – Prijevoz (EN 300 019-1-2 V2.2.1:2014)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 1-2: Classification of environmental conditions – Transportation (EN 300 019-1-2 V2.2.1:2014)
- HRN EN 300 019-1-3 V2.4.1:2014 en pr
Ekoinženjering (EE) – Okolišni uvjeti i okolišna ispitivanja za telekomunikacijsku opremu – Dio 1-3: Razredba okolišnih uvjeta – Stacionarna uporaba na vremenski zaštićenim lokacijama (EN 300 019-1-3 V2.4.1:2014)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 1-3: Classification of environmental conditions – Stationary use at weatherprotected locations (EN 300 019-1-3 V2.4.1:2014)
- HRN EN 300 019-1-4 V2.2.1:2014 en pr
Ekoinženjering (EE) – Okolišni uvjeti i okolišna ispitivanja za telekomunikacijsku opremu – Dio 1-4: Razredba okolišnih uvjeta – Stacionarna uporaba na vremenski nezaštićenim lokacijama (EN 300 019-1-4 V2.2.1:2014)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 1-4: Classification of environmental conditions – Stationary use at non-weatherprotected locations (EN 300 019-1-4 V2.2.1:2014)
- HRN EN 301 502 V11.1.1:2014 enpr
Globalni sustav pokretnih komunikacija (GSM) – Harmonizirana europska norma za opremu bazne postaje koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 502 V11.1.1:2014)
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 (EN 301 502 V11.1.1:2014)
- HRN EN 301 545-2 V1.2.1:2014 en pr
Digitalna radijska videodifuzija (DVB) – Druga generacija DVB interaktivni satelitski sustav (DVB-RCS2) – 2. dio: Niži slojevi za satelitsku normu (EN 301 545-2 V1.2.1:2014)
Digital Video Broadcasting (DVB) – Second Generation DVB Interactive Satellite System (DVB-RCS2) – Part 2: Lower Layers for Satellite standard (EN 301 545-2 V1.2.1:2014)
- HRN EN 301 598 V1.1.1:2014 en pr
Uređaji bijelog prostora (WSD) – Sustavi bežičnoga pristupa u frekvencijskom pojasu 470 MHz do 790 MHz – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 301 598 V1.1.1:2014)
White Space Devices (WSD) – Wireless Access Systems operating in the 470 MHz to 790 MHz frequency band – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 301 598 V1.1.1:2014)
- HRN EN 301 908-18 V7.1.1:2014 en pr
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) (EN 301 908-18 V7.1.1:2014)
IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 18: E-UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS) (EN 301 908-18 V7.1.1:2014)
- HRN EN 302 217-2-2 V2.2.1:2014 en pr
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 (EN 302 217-2-2 V2.2.1:2014)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 302 217-2-2 V2.2.1:2014)
- HRN EN 302 217-3 V2.2.1:2014 en pr
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 302 217-3 V2.2.1:2014)
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 (EN 302 217-3 V2.2.1:2014)
- HRN EN 302 636-4-1 V1.2.1:2014 en pr
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 (EN 302 636-4-1 V1.2.1:2014)
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 (EN 302 636-4-1 V1.2.1:2014)

- HRN EN 302 636-5-1 V1.2.1:2014 en pr
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 5. dio: Protokoli prijevoza – 1. poddio: Bazični protokol prijevoza (EN 302 636-5-1 V1.2.1:2014)
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 5: Transport Protocols – Sub-part 1: Basic Transport Protocol (EN 302 636-5-1 V1.2.1:2014)
- HRN EN 302 636-6-1 V1.2.1:2014 en pr
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 6. dio: Integracija interneta – 1. poddio: Prijenos paketa IPv6 putem protokola geomrežavanja (EN 302 636-6-1 V1.2.1:2014)
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 6: Internet Integration – Sub-part 1: Transmission of IPv6 Packets over GeoNetworking Protocols (EN 302 636-6-1 V1.2.1:2014)
- HRN EN 303 039 V1.1.1:2014 en pr
Elektromagnetska kompatibilnost i radijski spektar (ERM); Kopnena pokretna služba; Specifikacija višekanalnog odašiljača za PMR službu; Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE (EN 303 039 V1.1.1:2014)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Land Mobile Service – Multichannel transmitter specification for the PMR Service – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive (EN 303 039 V1.1.1:2014)

HZN/TO Z1, Informacijska tehnologija

- HRS CEN/TS 15480-3:2014 en pr
Sustavi identifikacijskih kartica – Europska osobna iskaznica – 3. dio: Interoperabilnost europske osobne iskaznice pomoću aplikacijskog sučelja (CEN/TS 15480-3:2014)
Identification card systems – European Citizen Card – Part 3: European Citizen Card Interoperability using an application interface (CEN/TS 15480-3:2014)
- HRN CEN/TS 15480-5:2014 en pr
Sustavi identifikacijskih kartica – Europska osobna iskaznica – 5. dio: Opći uvod (CEN/TS 15480-5:2013)
Identification card systems – European Citizen Card – Part 5: General Introduction (CEN/TS 15480-5:2013)
- HRN EN 419211-1:2014 en pr
Obrasci zaštite sredstava za izradu elektroničkog potpisa – 1. dio: Pregled (EN 419211-1:2014)
Protection profiles for secure signature creation device – Part 1: Overview (EN 419211-1:2014)
- HRN EN 419211-6:2014 en pr
Obrasci zaštite sredstava za izradu elektroničkog potpisa – 6. dio: Dodatna zaštita sredstava za uvođenje ključa i povjerljivi kanal do aplikacije za izradu elektroničkog potpisa (EN 419211-6:2014)
Protection profiles for secure signature creation device – Part 6: Extension for device with key import and trusted channel to signature creation application (EN 419211-6:2014)

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

- HRN EN ISO 22300:2014 en pr
Društvena sigurnost – Nazivlje (ISO 22300:2012; EN ISO 22300:2014)
Societal security – Terminology (ISO 22300:2012; EN ISO 22300:2014)
- HRN EN ISO 22301:2014 en pr
Društvena sigurnost – Sustav upravljanja neprekidnim poslovanjem – Zahtjevi (ISO 22301:2012; EN ISO 22301:2014)
Societal security – Business continuity management systems – Requirements (ISO 22301:2012; EN ISO 22301:2014)

HZN/TU B1, Graditeljstvo 1

- HRS CEN/TS 16637-1:2014 en pr
Građevni proizvodi – Procjena otpuštanja opasnih tvari – 1. dio: Upute za utvrđivanje ispitivanja izluživanja i dodatnih koraka ispitivanja (CEN/TS 16637-1:2014)
Construction products – Assessment of release of dangerous substances – Part 1: Guidance for the determination of leaching tests and additional testing steps (CEN/TS 16637-1:2014)
- HRS CEN/TS 16637-2:2014 en pr
Građevni proizvodi – Procjena otpuštanja opasnih tvari – 2. dio: Horizontalno dinamičko ispitivanje izluživanja s površine (CEN/TS 16637-2:2014)
Construction products – Assessment of release of dangerous substances – Part 2: Horizontal dynamic surface leaching test (CEN/TS 16637-2:2014)

HZN/TU F1, Osnovne norme 1

- HRN EN 16352:2014 en pr
Logistics – Specifications for reporting crime incidents (EN 16352:2013)

HZN/TU I3, Strojarstvo 3

- HRN EN 1143-2:2014 en pr
Jedinice za sigurno pohranjivanje – Zahtjevi, klasifikacija i metode ispitivanja otpornosti na provalu – 2. dio: Depozitni sustavi (EN 1143-2:2014)
Secure storage units – Requirements, classification and methods of tests for resistance to burglary – Part 2: Deposit systems (EN 1143-2:2014)

HZN/TU N1, Nemetalni materijali 1

- HRN EN ISO 10081-4:2014 en pr
Razredba neprozirnih vatrootalnih proizvoda – 4. dio: Posebni proizvodi (ISO 10081-4:2014; EN ISO 10081-4:2014)
Classification of dense shaped refractory products – Part 4: Special products (ISO 10081-4:2014; EN ISO 10081-4:2014)

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

- HRN EN ISO 16635-2:2014 en pr
Stomatologija – Tehnika gumene plahtice (koferdama) – 2. dio: Ključa za postavljanje kvačica (ISO 16635-2:2014; EN ISO 16635-2:2014)
Dentistry – Dental rubber dam instruments – Part 2: Clamp forceps (ISO 16635-2:2014; EN ISO 16635-2:2014)

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

- HRN EN 2402:2014 en pr
Nizovi o zrakoplovstvu – Legura na bazi nikla otporna na toplinu NiCr20Co3Fe3 – Kaljena – Žica – $D \leq 10$ mm (EN 2402:2014)
Aerospace series – Heat resisting nickel base alloy NiCr20Co3Fe3 – Annealed – Wire – $D \leq 10$ mm (EN 2402:2014)
- HRN EN 2794-001:2014 en pr
Nizovi o zrakoplovstvu – Automatski osigurači, jednopolni, temperaturno kompenzirani, nazivnih struja 20 A do 50 A – 001. dio: Tehničke specifikacije (EN 2794-001:2014)
Aerospace series – Circuit breakers, single-pole, temperature compensated, rated current 20 A to 50 A – Part 001: Technical specification (EN 2794-001:2014)
- HRN EN 2794-004:2014 en pr
Nizovi o zrakoplovstvu – Automatski osigurači, jednopolni, temperaturno kompenzirani, nazivnih struja 20 A do 50 A – 004. dio: Terminali s UNC navojima – Norma za proizvod (EN 2794-004:2014)
Aerospace series – Circuit breakers, single-pole, temperature compensated, rated currents 20 A to 50 A – Part 004: UNC thread terminals – Product standard (EN 2794-004:2014)
- HRN EN 3475-514:2014 en pr
Nizovi o zrakoplovstvu – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 514. dio: Poroznost bakrenih obloga na višezložnim aluminijskim kabelima (EN 3475-514:2014)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 514: Porosity of copper cladding on aluminium strands (EN 3475-514:2014)
- HRN EN ISO 3691-5:2014/Ispr.1:2014 en pr
Industrijski kamioni – Sigurnosni zahtjevi i potvrđivanje – 5. dio: Viličari pogonjeni guranjem (EN ISO 3691-5:2014/AC:2014)
Industrial trucks – Safety requirements and verification – Part 5: Pedestrian-propelled trucks (EN ISO 3691-5:2014/AC:2014)
- HRN EN 3774-004:2014 en pr
Nizovi o zrakoplovstvu – Automatski osigurači, tropolni, temperaturno kompenzirani, nazivnih struja 1 A do 25 A – 004. dio: Terminali s UNC navojima – Norma za proizvod (EN 3774-004:2014)
Aerospace series – Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A – Part 004: UNC thread terminals – Product standard (EN 3774-004:2014)
- HRN EN 4057-402:2014 en pr
Nizovi o zrakoplovstvu – Obujmice za kabelske snopove – Metode ispitivanja – 402. dio: Radni vijek (EN 4057-402:2014)
Aerospace series – Cable ties for harnesses – Test methods – Part 402: Life cycle (EN 4057-402:2014)
- HRN EN 4199-003:2014 en pr
Nizovi o zrakoplovstvu – Trake za vezanje za zrakoplov – 003. dio: Ugradbene trake za vezanje sa ravnim pletenim bakrenim vodičem, prevučen kositrom od – 65 °C do 150 °C i bakrom, prevučene niklom od – 65 °C do 260 °C – Norma za proizvod (EN 4199-003:2014)
Aerospace series – Bonding straps for aircraft – Part 003: Bonding strap assemblies with flat braided conductor copper, tin plated – 65 °C up to 150 °C and copper, nickel plated – 65 °C up to 260 °C – Product standard (EN 4199-003:2014)
- HRN EN 4293:2014 en pr
Nizovi o zrakoplovstvu – Legure aluminija AL-P7175 - T73511 – Ekstrudirana šipka i profil – a ili $D \leq 150$ mm (EN 4293:2014)
Aerospace series – Aluminium alloy AL-P7175 - T73511 – Extruded bar and section – a or $D \leq 150$ mm (EN 4293:2014)
- HRN EN 4549:2014 en pr
Nizovi o zrakoplovstvu – Cijevni priključak, od čelika otpornog na toplinu ili od legura nikla otpornih na toplinu – Zavareni kraj priključka – Konfiguracija oblikovanja – Nizovi u inčima (EN 4549:2014)
Aerospace series – Pipe coupling, in heat resisting steel or in heat resisting nickel alloy – Coupling end, welded – Design configuration – Inch series (EN 4549:2014)
- HRN EN 4604-009:2014 en pr
Nizovi o zrakoplovstvu – Kabel, električni, za prijenos signala – 009. dio: Kabel, koaksijalni, lagani, 50 Oma, 180 °C, tip KW (lagani WN) – Norma za proizvod (EN 4604-009:2014)
Aerospace series – Cable, electrical, for signal transmission – Part 009: Cable, coaxial, light weight, 50 ohms, 180 °C, type KW (light WN) – Product standard (EN 4604-009:2014)
- HRN EN 4627:2014 en pr
Nizovi o zrakoplovstvu – Čelik X4CrNiMo16-5-1 (1.4418) – Taljen na zraku – Kaljen i termički obrađen – Otkivci – $De \leq 200$ mm – $1\ 150$ MPa $\leq R_m \leq 1\ 300$ MPa (EN 4627:2014)
Aerospace series – Steel X4CrNiMo16-5-1 (1.4418) – Air melted – Hardened and tempered – Forgings – $De \leq 200$ mm – $1\ 150$ MPa $\leq R_m \leq 1\ 300$ MPa (EN 4627:2014)
- HRN EN 4651:2014 en pr
Nizovi o zrakoplovstvu – Legura aluminijskih vodiča presvučena bakrom za električne kabele – Norma za proizvod (EN 4651:2014)
Aerospace series – Copper-clad aluminium alloy conductors for electrical cables – Product standard (EN 4651:2014)
- HRN EN 4707:2014 en pr
Nizovi o zrakoplovstvu – Kiselo dekapiranje aluminija i legura aluminija bez šesterovalentnog kroma (EN 4707:2014)
Aerospace series – Acid pickling of aluminum and aluminum alloy without hexavalent chromium (EN 4707:2014)
- HRN EN 4708-001:2014 en pr
Nizovi o zrakoplovstvu – Navlake, koje se sužavaju prilikom izlaganja toplini, za omotavanje, izolaciju i označavanje – 001. dio: Tehnička specifikacija (EN 4708-001:2014)
Aerospace series – Sleeve; heat-shrinkable, for binding, insulation and identification – Part 001: Technical specification (EN 4708-001:2014)
- HRN EN 6059-406:2014 en pr
Nizovi o zrakoplovstvu – Električni kabeli, ugradnja – Zaštitna navlaka – Metode ispitivanja – 406. dio: Vibracije (EN 6059-406:2014)
Aerospace series – Electrical cables; installation – Protection sleeves – Test methods – Part 406: Vibration (EN 6059-406:2014)
- HRN EN 6059-601:2014 en pr
Nizovi o zrakoplovstvu – Električni kabeli, ugradnja – Zaštitna navlaka – Metode ispitivanja – 601. dio: Otvoreni i zatvoreni (EN 6059-601:2014)
Aerospace series – Electrical cables; installation – Protection sleeves – Test methods – Part 601: Open and close (EN 6059-601:2014)

HRN EN 16602-10-04:2014 en pr
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Kontrola kritičnih dijelova (EN 16602-10-04:2014)
Space product assurance – Critical-item control (EN 16602-10-04:2014)

HRN EN 16602-10-09:2014 en pr
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Sustav kontrole nesukladnosti (EN 16602-10-09:2014)
Space product assurance – Nonconformance control system (EN 16602-10-09:2014)

HRN EN 16603-31:2014 en pr
Svemirsko inženjerstvo – Opći zahtjevi za toplinsku kontrolu (EN 16603-31:2014)
Space engineering – Thermal control general requirements (EN 16603-31:2014)

HRN EN 16603-35-01:2014 en pr
Svemirsko inženjerstvo – Tekući i električni pogon za svemirsku letjelicu (EN 16603-35-01:2014)
Space engineering – Liquid and electric propulsion for spacecraft (EN 16603-35-01:2014)

HRN EN 16603-35-02:2014 en pr
Svemirsko inženjerstvo – Čvrsti pogon za svemirske letjelice i lansere (EN 16603-35-02:2014)
Space engineering – Solid propulsion for spacecrafts and launchers (EN 16603-35-02:2014)

HRN EN 16603-35-03:2014 en pr
Svemirsko inženjerstvo – Tekući pogon za lansere (EN 16603-35-03:2014)
Space engineering – Liquid propulsion for launchers (EN 16603-35-03:2014)

HRN EN 16603-35-06:2014 en pr
Svemirsko inženjerstvo – Zahtjevi u pogledu čistoće elemenata pogona svemirskih letjelica (EN 16603-35-06:2014)
Space engineering – Cleanliness requirements for spacecraft propulsion hardware (EN 16603-35-06:2014)

HRN EN 16603-35-10:2014 en pr
Svemirsko inženjerstvo – Ispitivanje kompatibilnosti za tekuće pogonske dijelove, podsustave i sustave (EN 16603-35-10:2014)
Space engineering – Compatibility testing for liquid propulsion components, subsystems and systems (EN 16603-35-10:2014)

HRN EN 16603-35:2014 en pr
Svemirsko inženjerstvo – Opći zahtjevi za pogon (EN 16603-35:2014)
Space engineering – Propulsion general requirements (EN 16603-35:2014)

HRN EN 16603-50-02:2014 en pr
Svemirsko inženjerstvo – Doppler praćenje i utvrđivanje udaljenosti (EN 16603-50-02:2014)
Space engineering – Ranging and Doppler tracking (EN 16603-50-02:2014)

HRN EN 16603-50-05:2014 en pr
Svemirsko inženjerstvo – Radio frekvencija i modulacija (EN 16603-50-05:2014)
Space engineering – Radio frequency and modulation (EN 16603-50-05:2014)

HRN EN 16603-50-13:2014 en pr
Svemirsko inženjerstvo – Sučelje i komunikacijski protokol za MIL-STD-1553B sabirnicu podataka svemirske letjelice (EN 16603-50-13:2014)
Space engineering – Interface and communication protocol for MIL-STD-1553B data bus onboard spacecraft (EN 16603-50-13:2014)

HRN EN 16603-50-14:2014 en pr
Svemirsko inženjerstvo – Odvojena sučelja svemirskih letjelica (EN 16603-50-14:2014)
Space engineering – Spacecraft discrete interfaces (EN 16603-50-14:2014)

HRN EN 16603-50:2014 en pr
Svemirsko inženjerstvo – Komunikacije (EN 16603-50:2014)
Space engineering – Communications (EN 16603-50:2014)

HRN EN 16603-50-51:2014 en pr
Svemirsko inženjerstvo – Identifikacijski protokol svemirske komunikacijske mreže (EN 16603-50-51:2014)
Space engineering – SpaceWire protocol identification (EN 16603-50-51:2014)

HRN EN 16603-50-52:2014 en pr
Svemirsko inženjerstvo – Svemirska komunikacijska mreža – Pristupni protokol za udaljenu memoriju (EN 16603-50-52:2014)
Space engineering – SpaceWire – Remote memory access protocol (EN 16603-50-52:2014)

HRN EN 16603-60-10:2014 en pr
Svemirsko inženjerstvo – Značajke kontrole (EN 16603-60-10:2014)
Space engineering – Control performances (EN 16603-60-10:2014)

HRN EN 16603-60-20:2014 en pr
Svemirsko inženjerstvo – Nazivlje i tehničke značajke senzora za zvijezde (EN 16603-60-20:2014)
Space engineering – Star sensor terminology and performance specification (EN 16603-60-20:2014)

HRN EN 16604-10:2014 en pr
Održivost u svemiru – Obavijest o prihvatanju ISO 24113: Svemirski sustavi – Zahtjevi za smanjivanje otpada u Zemljinoj orbiti (EN 16604-10:2014)
Space sustainability – Adoption Notice of ISO 24113: Space systems – Space debris mitigation requirements (EN 16604-10:2014)

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HRN EN 50182:2008/Ispr.2:2014 en pr
Vodiči za nadzemne vodove – Okrugle žice koncentrično položenih usukanih vodiča (EN 50182:2001/AC:2001)
Conductors for overhead lines – Round wire concentric lay stranded conductors (EN 50182:2001/AC:2001)

HRN EN 50182:2008/Ispr.3:2014 en pr
Vodiči za nadzemne vodove – Okrugle žice koncentrično položenih usukanih vodiča (EN 50182:2001/AC:2004)
Conductors for overhead lines – Round wire concentric lay stranded conductors (EN 50182:2001/AC:2004)

HRN EN 50182:2008/Ispr.4:2014 en pr
Vodiči za nadzemne vodove – Okrugle žice koncentrično položenih usukanih vodiča (EN 50182:2001/AC:2005)
Conductors for overhead lines – Round wire concentric lay stranded conductors (EN 50182:2001/AC:2005)

HRN EN 60404-2:2008/Ispr.1:2014 en pr
Magnetski materijali – 2. dio: Mjerene metode magnetnih svojstava električnih čeličnih traka i limova pomoću Epstein okvira (EN 60404-2:1998/A1:2008/Corr.1:2008)
Magnetic materials – Part 2: Methods of measurement of the magnetic properties of electrical steel strip and sheet by means of an Epstein frame (EN 60404-2:1998/A1:2008/Corr.1:2008)

- HRN EN 60695-1-40:2014 en pr
Ispitivanje opasnosti od požara – Dio 1-40: Upute za procjenu opasnosti od požara za elektrotehničke proizvode – Izolacijske tekućine (IEC 60695-1-40:2013; EN 60695-1-40:2014)
Fire hazard testing – Part 1-40: Guidance for assessing the fire hazard of electrotechnical products – Insulating liquids (IEC 60695-1-40:2013; EN 60695-1-40:2014)
- HRN EN 60695-2-12:2011/A1:2014 en pr
Ispitivanje na opasnost od požara – Dio 2-12: Ispitne metode na bazi užarene/vruće žice – Ispitna metoda indeksa gorivosti užarene žice za materijale (IEC 60695-2-12:2010/A1:2014; EN 60695-2-12:2010/A1:2014)
Fire hazard testing – Part 2-12: Glowing/hot-wire based test methods – Glow-wire flammability index (GWFI) test method for materials (IEC 60695-2-12:2010/A1:2014; EN 60695-2-12:2010/A1:2014)
- HRN EN 60695-2-13:2011/A1:2014 en pr
Ispitivanje na opasnost od požara – Dio 2-13: Ispitne metode na bazi užarene/vruće žice – Ispitna metoda temperature zapaljenja užarene žice (GWIT) za materijale (IEC 60695-2-13:2010/A1:2014; EN 60695-2-13:2010/A1:2014)
Fire hazard testing – Part 2-13: Glowing/hot-wire based test methods – Glow-wire ignition temperature (GWIT) test method for materials (IEC 60695-2-13:2010/A1:2014; EN 60695-2-13:2010/A1:2014)
- HRN EN 60695-9-2:2014 en pr
Ispitivanje opasnosti od požara – Dio 9-1: Površinsko širenje plamena – Sažetak i relevantnost metoda ispitivanja (IEC 60695-9-2:2014; EN 60695-9-2:2014)
Fire hazard testing – Part 9-2: Surface spread of flame – Summary and relevance of test methods (IEC 60695-9-2:2014; EN 60695-9-2:2014)
- HRN EN 60695-10-2:2014 en pr
Ispitivanje na opasnost od požara – Dio 10-2: Nenormalna toplina – Ispitivanje pritiska kugle (IEC 60695-10-2:2014; EN 60695-10-2:2014)
Fire hazard testing – Part 10-2: Abnormal heat – Ball pressure test method (IEC 60695-10-2:2014; EN 60695-10-2:2014)
- HRN EN 60695-11-2:2014 en pr
Ispitivanje na opasnost od požara – Dio 11-2: Ispitni plamenovi – Nazivni pripremljeni ispitni plamen snage 1 kW – Oprema, određivanje potvrdnog ispitivanja i upute (IEC 60695-11-2:2013; EN 60695-11-2:2014)
Fire hazard testing – Part 11-2: Test flames – 1 kW nominal pre-mixed flame: Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-2:2013; EN 60695-11-2:2014)
- HRN EN 60721-2-1:2014 en pr
Razredba uvjeta okoliša – Dio 2-1: Uvjeti okoliša koji se pojavljuju u prirodi – Temperatura i vlažnost zraka (IEC 60721-2-1:2013; EN 60721-2-1:2014)
Classification of environmental conditions – Part 2-1: Environmental conditions appearing in nature – Temperature and humidity (IEC 60721-2-1:2013; EN 60721-2-1:2014)
- HRN EN 60721-2-3:2014 en pr
Razredba uvjeta okoliša – Dio 2-3: Uvjeti okoliša koji se pojavljuju u prirodi – Tlak zraka (IEC 60721-2-3:2013; EN 60721-2-3:2014)
Classification of environmental conditions – Part 2-3: Environmental conditions appearing in nature – Air pressure (IEC 60721-2-3:2013; EN 60721-2-3:2014)
- HRN EN 60721-2-9:2014 en pr
Razredba uvjeta okoliša – Dio 2-9: Uvjeti okoliša koji se pojavljuju u prirodi – Izmjereni podatci na udare i vibracije – Skladištenje, prijevoz i uporaba (IEC 60721-2-9:2014; EN 60721-2-9:2014)
Classification of environmental conditions – Part 2-9: Environmental conditions appearing in nature – Measured shock and vibration data – Storage, transportation and in-use (IEC 60721-2-9:2014; EN 60721-2-9:2014)
- HRN EN 60974-10:2014 en pr
Oprema za elektrolučno zavarivanje – 10. dio: Zahtjevi za elektromagnetsku kompatibilnost (EMC) (IEC 60974-10:2014; EN 60974-10:2014)
Arc welding equipment – Part 10: Electromagnetic compatibility (EMC) requirements (IEC 60974-10:2014; EN 60974-10:2014)
- HRN EN 61360-4:2008/Ispr.1:2014 en pr
Standardni tipni podatci s pripadajućom klasifikacijskom shemom za električne komponente – 4. dio: IEC-ova referentna zbirka standardnih tipnih podataka i razreda komponeneta (EN 61360-4:2005/Corr.1:2005)
Standard data element types with associated classification scheme for electric components – Part 4: IEC reference collection of standard data element types and component classes (EN 61360-4:2005/Corr.1:2005)
- HRN EN 62321-2:2014 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – 2. dio: Rastavljanje, razdvajanje i mehanička priprema uzoraka (IEC 62321-2:2013; EN 62321-2:2014)
Determination of certain substances in electrotechnical products – Part 2: Disassembly, disjointment and mechanical sample preparation (IEC 62321-2:2013; EN 62321-2:2014)
- HRN EN 62321-3-1:2014 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – Dio 3-1: Provjera – Olovo, živa, kadmij, ukupni krom i ukupni brom pomoću X-zraka fluorescentne spektrometrije (IEC 62321-3-1:2013; EN 62321-3-1:2014)
Determination of certain substances in electrotechnical products – Part 3-1: Screening – Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry (IEC 62321-3-1:2013; EN 62321-3-1:2014)
- HRN EN 62321-3-2:2014 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – Dio 3-2: Provjera – Ukupni brom u polimerima i elektronici pomoću izgaranja – Ion kromatografija (IEC 62321-3-2:2013; EN 62321-3-2:2014)
Determination of certain substances in electrotechnical products – Part 3-2: Screening – Total bromine in polymers and electronics by Combustion – Ion Chromatography (IEC 62321-3-2:2013; EN 62321-3-2:2014)
- HRN EN 62321-4:2014 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – 4. dio: Živa u polimerima, metalima i elektronici po CV-AAS, CV-AFS-a, ICP-OES i I CP-MS (IEC 62321-4:2013; EN 62321-4:2014)
Determination of certain substances in electrotechnical products – Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS (IEC 62321-4:2013; EN 62321-4:2014)

- HRN EN 62321-5:2014 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – 5. dio: Kadmijski, olovo i krom u polimerima i elektronici i kadmijski, olovo u metalima po AAS, AFS-a, ICP-OES i ICP-MS (IEC 62321-5:2013; EN 62321-5:2014)
Determination of certain substances in electrotechnical products – Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS (IEC 62321-5:2013; EN 62321-5:2014)
- HRN EN 62607-3-1:2014 en pr
Nanoproizvodnja – Ključne karakteristike upravljanja – Dio 3-1: Svjetleći nanomaterijali – Količina učinkovitosti (IEC 62607-3-1:2014; EN 62607-3-1:2014)
Nanomanufacturing – Key control characteristics – Part 3-1: Luminescent nanomaterials – Quantum efficiency (IEC 62607-3-1:2014; EN 62607-3-1:2014)

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- HRN EN 50109-2-2:2008/lpr.1:2014 en pr
Hand crimping tools – Tools for the crimp termination of electric cables and wires for low frequency and radio frequency applications – Part 2-2: Particular requirements for radio frequency connectors and concentric contacts – Open throat tools with removable and interchangeable dies, sizes A to G, Q to T, V and W (EN 50109-2-2:1995/AC:2012)
- HRN EN 50289-4-16:2014 en pr
Communication cables – Specifications for test methods – Part 4-16: Environmental test methods – Circuit integrity under fire conditions (EN 50289-4-16:2012)
- HRN EN 50290-2-27:2008/lpr.1:2014 en pr
Komunikacijski kabeli – Dio 2-27: Opća pravila konstruiranja i izrada – Termoplastične smjese za oblaganje bez halogena za usporavanje širenja plamena (EN 50290-2-27:2002/A1:2007/AC:2010)
Communication cables – Part 2-27: Common design rules and construction – Halogen free flame retardant thermoplastic sheathing compounds (EN 50290-2-27:2002/A1:2007/AC:2010)
- HRN EN 50377-2-1:2008/lpr.1:2014 en pr
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 2-1: Type FC-PC terminated on IEC 60793-2 category B1 singlemode fibre (EN 50377-2-1:2001/AC:2002)
- HRN EN 50407-3:2014 en pr
Multi-pair cables used in high bit rate digital access telecommunications networks – Part 3: Indoor multi-pair/quad riser cables up to 100 MHz for maximum length of connection 100 m supporting universal services, xDSL and applications up to 100 Mbit/s over IP (EN 50407-3:2014)
- HRN EN 50411-2-2:2014 en pr
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 2-2: Sealed pan fibre splice closures Type 1, for category S & A (EN 50411-2-2:2012)
- HRN EN 50411-2-3:2014 en pr
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 2-3: Sealed inline fibre splice closures Type 1, for category S & A (EN 50411-2-3:2012)
- HRN EN 50411-2-4:2014 en pr
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 2-4: Sealed dome fibre splice closures Type 1, for category S & A (EN 50411-2-4:2012)
- HRN EN 50411-3-6:2014 en pr
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-6: Multimode mechanical fibre splice for use in an outdoor protected environment (Cat U) (EN 50411-3-6:2013)
- HRN EN 50491-1:2014 en pr
Opći zahtjevi za elektroničke sustave u stanovima i zgradama (ESSZ) i sustave automatizacije i nadzora u zgradama (BACS) – 1. dio: Opći zahtjev (EN 50491-1:2014)
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 1: General requirements (EN 50491-1:2014)
- HRN EN 50516-3-1:2014 en pr
Industrial connector sets and interconnect components to be used in optical fibre control and communication systems – Product specifications – Part 3-1: Type ODVA APC terminated on EN 60793-2-50 category B1.1 and B1.3 singlemode fibre to meet the requirements of category I (industrial environments) as specified in EN 50173-1 and IEC 61753-1-3 (EN 50516-3-1:2014)
- HRN EN 50521:2009/A1:2014 en pr
Connectors for photovoltaic systems – Safety requirements and tests (EN 50521:2008/A1:2012)
- HRN EN 50548:2012/A1:2014 en pr
Junction boxes for photovoltaic modules (EN 50548:2011/A1:2013)
- HRN EN 50551-2:2014 en pr
Simplex and duplex cables to be used for cords – Part 2: Detailed specification and minimum requirements for a 3,0 mm simplex ruggedised single mode fibre cable to be used for patchcords/cords category U (EN 50551-2:2013)
- HRN EN 60062:2008/lpr.1:2014 en pr
Marking codes for resistors and capacitors (EN 60062:2005/AC:2007)
- HRN EN 60115-8:2014 en pr
Fixed resistors for use in electronic equipment – Part 8: Sectional specification – Fixed surface mount resistors (IEC 60115-8:2009, MOD; EN 60115-8:2012)
- HRN EN 60191-4:2014 en pr
Mechanical standardization of semiconductor devices – Part 4: Coding system and classification into forms of package outlines for semiconductor device packages (IEC 60191-4:2013; EN 60191-4:2014)
- HRN EN 60191-6-22:2014 en pr
Mechanical standardization of semiconductor devices – Part 6-22: General rules for the preparation of outline drawings of surface mounted semiconductor device packages – Design guide for semiconductor packages Silicon Fine-pitch Ball Grid Array and Silicon Fine-pitch Land Grid Array (S-FBGA and S-FLGA) (IEC 60191-6-22:2012; EN 60191-6-22:2013)
- HRN EN 60286-3:2014 en pr
Pakiranje komponenta za automatsko rukovanje – Pakiranje komponenta za površinsku montažu na neprekidnu traku (IEC 60286-3:2013; EN 60286-3:2013)
Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes (IEC 60286-3:2013; EN 60286-3:2013)

- HRN EN 60286-3:2014/Ispr.1:2014 en pr
Pakiranje komponenata za automatsko rukovanje – Pakiranje komponenata za površinsku montažu na neprekidnu traku (EN 60286-3:2013/AC:2013)
Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes (EN 60286-3:2013/AC:2013)
- HRN EN 60286-4:2014 en pr
Packaging of components for automatic handling – Part 4: Stick magazines for electronic components encapsulated in packages of different forms (IEC 60286-4:2013; EN 60286-4:2013)
- HRN EN 60294:2014 en pr
Measurement of the dimensions of a cylindrical component with axial terminations (IEC 60294:2012; EN 60294:2012)
- HRN EN 60301:2014 en pr
Preferred diameters of wire terminations of capacitors and resistors (IEC 60301:2012; EN 60301:2012)
- HRN EN 60352-2:2009/A1:2014 en pr
Solderless connections – Part 2: Crimped connections – General requirements, test methods and practical guidance (IEC 60352-2:2006/am1:2013; EN 60352-2:2006/A1:2013)
- HRN EN 60368-1:2008/Ispr.1:2014 en pr
Piezoelectric filters of assessed quality – Part 1: Generic specification (EN 60368-1:2000/AC:2001)
- HRN EN 60368-4-1:2008/Ispr.1:2014 en pr
Piezoelectric filters of assessed quality – Part 4-1: Blank detail specification – Capability approval (EN 60368-4-1:2000/AC:2001)
- HRN EN 60368-4:2008/Ispr.1:2014 en pr
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- HRN EN 60384-13:2008/Ispr.1:2014 en pr
Fixed capacitors for use in electronic equipment – Part 13: Sectional specification – Fixed polypropylene film dielectric metal foil d.c. capacitors (EN 60384-13:2006/AC:2006)
- HRN EN 60384-14:2014 en pr
Fixed capacitors for use in electronic equipment – Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (IEC 60384-14:2013; EN 60384-14:2013)
- HRN EN 60384-19-1:2008/Ispr.1:2014 en pr
Fixed capacitors for use in electronic equipment – Part 19-1: Blank detail specification – Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors – Assessment level EZ (EN 60384-19-1:2006/AC:2006)
- HRN EN 60384-19:2008/Ispr.:2014 en pr
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- HRN EN 60440:2014 en pr
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- HRN EN 60444-6:2014 en pr
Measurement of quartz crystal unit parameters – Part 6: Measurement of drive level dependence (DLD) (IEC 60444-6:2013; EN 60444-6:2013)
- HRN EN 60512-12-2:2008/Ispr.1:2014 en pr
Connectors for electronic equipment – Tests and measurements – Part 12-2: Soldering tests – Test 12b: Solderability, wetting, soldering iron method (EN 60512-12-2:2006/AC:2006)
- EN 60512-12-3:2006/Ispr.1:2014 en pr
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- HRN EN 60512-12-5:2008/Ispr.1:2014 en pr
Connectors for electronic equipment – Tests and measurements – Part 12-5: Soldering tests – Test 12e: Resistance to soldering heat, soldering iron method (EN 60512-12-5:2006/AC:2006)
- HRN EN 60512-13-1:2009/Ispr.1:2014 en pr
Connectors for electronic equipment – Tests and measurements – Part 13-1: Mechanical operation tests – Test 13a: Engaging and separating forces (EN 60512-13-1:2006/AC:2006)
- HRN EN 60512-13-2:2008/Ispr.1:2014 en pr
Connectors for electronic equipment – Tests and measurements – Part 13-2: Mechanical operation tests – Test 13b: Insertion and withdrawal forces (EN 60512-13-2:2006/AC:2006)
- HRN EN 60512-13-5:2008/Ispr.1:2014 en pr
Connectors for electronic equipment – Tests and measurements – Part 13-5: Mechanical operation tests – Test 13e: Polarizing and keying method (EN 60512-13-5:2006/AC:2006)
- HRN EN 60512-28-100:2014 en pr
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- HRN EN 60512-99-001:2014 en pr
Connectors for electronic equipment – Tests and measurements – Part 99-001: Test schedule for engaging and separating connectors under electrical load – Test 99a: Connectors used in twisted pair communication cabling with remote power (IEC 60512-99-001:2012; EN 60512-99-001:2012)
- HRN EN 60679-3:2014 en pr
Quartz crystal controlled oscillators of assessed quality – Part 3: Standard outlines and lead connections (IEC 60679-3:2012; EN 60679-3:2013)
- HRN EN 60717:2014 en pr
Method for the determination of the space required by capacitors and resistors with unidirectional terminations (IEC 60717:2012; EN 60717:2012)
- HRN EN 60747-16-5:2014 en pr
Semiconductor devices – Part 16-5: Microwave integrated circuits – Oscillators (IEC 60747-16-5:2013; EN 60747-16-5:2013)
- HRN EN 60749-19:2008/Ispr.1:2014 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 19: Die shear strength (EN 60749-19:2003/AC:2003)
- HRN EN 60749-26:2014 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 26: Electrostatic discharge (ESD) sensitivity testing – Human body model (HBM) (IEC 60749-26:2013; EN 60749-26:2014)
- HRN EN 60749-27:2008/A1:2014 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 27: Electrostatic discharge (ESD) sensitivity testing – Machine model (MM) (IEC 60749-27:2006/am1:2012; EN 60749-27:2006/A1:2012)
- HRN EN 60749-32:2008/Ispr.1:2014 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 32: Flammability of plastic-encapsulated devices (externally induced) (EN 60749-32:2003/AC:2003)

- HRN EN 60793-1-42:2014 en pr
Optical fibres – Part 1-42: Measurement methods and test procedures – Chromatic dispersion (IEC 60793-1-42:2013; EN 60793-1-42:2013)
- HRN EN 60793-1-51:2014 en pr
Optical fibres – Part 1-51: Measurement methods and test procedures – Dry heat (steady state) tests (IEC 60793-1-51:2014; EN 60793-1-51:2014)
- HRN EN 60793-1-52:2014 en pr
Optical fibres – Part 1-52: Measurement methods and test procedures – Change of temperature tests (IEC 60793-1-52:2014; EN 60793-1-52:2014)
- HRN EN 60793-1-53:2014 en pr
Optical fibres – Part 1-53: Measurement methods and test procedures – Water immersion tests (IEC 60793-1-53:2014; EN 60793-1-53:2014)
- HRN EN 60793-1-54:2014 en pr
Optical fibres – Part 1-54: Measurement methods and test procedures – Gamma irradiation (IEC 60793-1-54:2012; EN 60793-1-54:2013)
- HRN EN 60794-1-20:2014 en pr
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- HRN EN 60794-1-22:2014 en pr
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- HRN EN 60794-1-23:2014 en pr
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- HRN EN 60794-1-24:2014 en pr
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- HRN EN 60794-2-11:2014 en pr
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- HRN EN 60794-2-20:2014 en pr
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- HRN EN 60794-2-21:2014 en pr
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- HRN EN 60794-2-31:2014 en pr
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- HRN EN 60794-2-51:2014 en pr
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- HRN EN 60794-3-10:2009/Ispr.1:2014 en pr
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- HRN EN 60794-3-12:2014 en pr
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- HRN EN 60794-4-20:2014 en pr
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- HRN EN 60794-5-10:2014 en pr
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- HRN EN 60794-5-20:2014 en pr
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- HRN EN 60862-2:2014 en pr
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- HRN EN 60869-1:2014 en pr
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- HRN EN 60876-1:2014 en pr
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- HRN EN 60917-2-5:2014 en pr
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- HRN EN 61076-2-101:2014 en pr
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- HRN EN 61076-2-109:2014 en pr
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- HRN EN 61076-3-110:2014 en pr
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- HRN EN 61169-1:2014 en pr
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- HRN EN 61169-26:2014 en pr
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- HRN EN 61169-43:2014 en pr
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- HRN EN 61169-44:2014 en pr
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- HRN EN 61169-47:2014 en pr
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- HRN EN 61190-1-2:2014 en pr
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- HRN EN 61191-1:2014 en pr
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- HRN EN 61191-2:2014 en pr
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- HRN EN 61249-2-27:2014 en pr
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- HRN EN 61249-2-30:2014 en pr
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- HRN EN 61249-2-39:2014 en pr
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- HRN EN 61249-2-6:2008/Ispr.1: 2014 en pr
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- HRN EN 61249-2-7:2008/Ispr.1:2014 en pr
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- HRN EN 61249-4-18:2014 en pr
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- HRN EN 61249-4-19:2014 en pr
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- HRN EN 61280-1-1:2014 en pr
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- HRN EN 61280-2-2:2014 en pr
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- HRN EN 61280-2-3:2010/Ispr.1:2014 en pr
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- HRN EN 61290-10-5:2014 en pr
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- HRN EN 61291-1:2014 en pr
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- HRN EN 61291-2:2014 en pr
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- HRN EN 61300-2-10:2014 en pr
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- HRN EN 61300-2-14:2014 en pr
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- HRN EN 61300-2-19:2014 en pr
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- HRN EN 61300-2-2:2009/lsp.1:2014 en pr
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- HRN EN 61300-2-28:2014 en pr
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- HRN EN 61300-2-33:2014 en pr
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- HRN EN 61300-2-35:2014 en pr
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- HRN EN 61300-2-42:2014 en pr
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- HRN EN 61300-2-52:2014 en pr
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- HRN EN 61300-2-7:2014 en pr
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- HRN EN 61300-3-20:2008/lsp.1:2014 en pr
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- HRN EN 61300-3-28:2014 en pr
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- HRN EN 61300-3-29:2014 en pr
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- HRN EN 61300-3-38:2014 en pr
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- HRN EN 61300-3-4:2014 en pr
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- HRN EN 61300-3-49:2014 en pr
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- HRN EN 61300-3-50:2014 en pr
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- HRN EN 61300-3-52:2014 en pr
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- HRN EN 61747-4:2014 en pr
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- HRN EN 61747-10-1:2014 en pr
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- HRN EN 61747-30-1:2014 en pr
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- HRN EN 61753-1-3:2014 en pr
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- HRN EN 61753-021-3:2014 en pr
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- HRN EN 61753-022-2:2014 en pr
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- HRN EN 61753-051-3:2014 en pr
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- HRN EN 61753-053-2:2014 en pr
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- HRN EN 61753-056-2:2014 en pr
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- HRN EN 61753-057-2:2014 en pr
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- HRN EN 61753-058-2:2014 en pr
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- HRN EN 61753-059-2:2014 en pr
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- HRN EN 61753-061-2:2014 en pr
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- HRN EN 61753-071-2:2014 en pr
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- HRN EN 61753-087-6:2014 en pr
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- HRN EN 61753-088-2:2014 en pr
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- HRN EN 61753-089-2:2014 en pr
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- HRN EN 61753-091-2:2014 en pr
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- HRN EN 61753-092-6:2008/lsp.1:2014 en pr
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- HRN EN 61754-6:2014 en pr
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- HRN EN 61754-26:2014 en pr
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- HRN EN 61754-27:2014 en pr
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- HRN EN 61754-28:2014 en pr
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- HRN EN 61754-29:2014 en pr
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- HRN EN 61755-1:2008/lpr.1:2014 en pr
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- HRN EN 61755-3-6:2008/A1:2014 en pr
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- HRN EN 61978-1:2014 en pr
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- HRN EN 62132-1:2008/lpr.1:2014 en pr
Integrated circuits – Measurement of electromagnetic immunity, 150 kHz to 1 GHz – Part 1: General conditions and definitions (EN 62132-1:2006/AC:2006)
- HRN EN 62132-8:2014 en pr
Integrated circuits – Measurement of electromagnetic immunity – Part 8: Measurement of radiated immunity – IC stripline method (IEC 62132-8:2012; EN 62132-8:2012)
- HRN EN 62137:2008/lpr.1:2014 en pr
Environmental and endurance testing – Test methods for surface-mount boards of area array type packages FBGA, BGA, FLGA, LGA, SON and QFN (EN 62137:2004/AC:2005)
- HRN EN 62148-15:2014 en pr
Fibre optic active components and devices – Package and interface standards – Part 15: Discrete vertical cavity surface emitting laser packages (IEC 62148-15:2014; EN 62148-15:2014)
- HRN EN 62148-17:2014 en pr
Fiber optic active components and devices – Package and interface standards – Part 17: Transmitter and receiver components with dual coaxial RF connectors (IEC 62148-17:2013; EN 62148-17:2014)
- HRN EN 62149-2:2014 en pr
Fibre optic active components and devices – Performance standards – Part 2: 850 nm discrete vertical cavity surface emitting laser devices (IEC 62149-2:2014; EN 62149-2:2014)
- HRN EN 62149-3:2014 en pr
Fibre optic active components and devices – Performance standards – Part 3: Modulator-integrated laser diode transmitters for 2,5-Gbit/s to 40-Gbit/s fibre optic transmission systems (IEC 62149-3:2014; EN 62149-3:2014)
- HRN EN 62149-7:2014 en pr
Fibre optic active components and devices – Performance standards – Part 7: 1 310 nm discrete vertical cavity surface emitting laser devices (IEC 62149-7:2012; EN 62149-7:2012)
- HRN EN 62149-8:2014 en pr
Fibre optic active components and devices – Performance standards – Part 8: Seeded reflective semiconductor optical amplifier devices (IEC 62149-8:2014; EN 62149-8:2014)
- HRN EN 62149-9:2014 en pr
Fibre optic active components and devices – Performance standards – Part 9: Seeded reflective semiconductor optical amplifier transceivers (IEC 62149-9:2014; EN 62149-9:2014)
- HRN EN 62150-3:2014 en pr
Fibre optic active components and devices – Test and measurement procedures – Part 3: Optical power variation induced by mechanical disturbance in optical receptacles and transceiver interfaces (IEC 62150-3:2012; EN 62150-3:2012)
- HRN EN 62215-3:2014 en pr
Integrated circuits – Measurement of impulse immunity – Part 3: Non-synchronous transient injection method (IEC 62215-3:2013; EN 62215-3:2013)

HRI CLC/TR 62258-4:2014 en pr
Semiconductor die products – Part 4: Questionnaire for die users and suppliers (IEC/TR 62258-4:2012; CLC/TR 62258-4:2013)

HRN EN 62276:2014 en pr
Single crystal wafers for surface acoustic wave (SAW) device applications – Specifications and measuring methods (IEC 62276:2012; EN 62276:2013)

HRN EN 62317-2:2011/lsp.1:2014 en pr
Ferrite cores – Dimensions – Part 2: Pot-cores for use in telecommunications, power supply, and filter applications (EN 62317-2:2010/AC:2010)

HRN EN 62341-5-2:2014 en pr
Organic light emitting diode (OLED) displays – Part 5-2: Mechanical endurance testing methods (IEC 62341-5-2:2013; EN 62341-5-2:2013)

HRN EN 62341-5-3:2014 en pr
Organic light emitting diode (OLED) displays – Part 5-3: Measuring methods of image sticking and lifetime (IEC 62341-5-3:2013; EN 62341-5-3:2013)

HRN EN 62341-6-3:2014 en pr
Organic light emitting diode (OLED) displays – Part 6-3: Measuring methods of image quality (IEC 62341-6-3:2012; EN 62341-6-3:2012)

HRN EN 62343:2014 en pr
Dynamic modules – General and guidance (IEC 62343:2013; EN 62343:2013)

HRN EN 62343-3-3:2014 en pr
Dynamic modules – Part 3-3: Performance specification templates – Wavelength selective switches (IEC 62343-3-3:2014; EN 62343-3-3:2014)

HRN EN 62358:2014 en pr
Ferrite cores – Standard inductance factor for gapped cores and its tolerance (IEC 62358:2012; EN 62358:2012)

HRN EN 62496-2-4:2014 en pr
Optical circuit boards – Basic test and measurement procedures – Part 2-4: Optical transmission test for optical circuit boards without input/output fibres (IEC 62496-2-4:2013; EN 62496-2-4:2013)

HRN EN 62522:2014 en pr
Calibration of tuneable laser sources (IEC 62522:2014; EN 62522:2014)

HRN EN 62572-3:2014 en pr
Fibre optic active components and devices – Reliability standards – Part 3: Laser modules used for telecommunication (IEC 62572-3:2014; EN 62572-3:2014)

HRN EN 62575-2:2014 en pr
Radio frequency (RF) bulk acoustic wave (BAW) filters of assessed quality – Part 2: Guidelines for the use (IEC 62575-2:2012; EN 62575-2:2012)

HRN EN 62595-1-1:2014 en pr
LCD backlight unit – Part 1-1: Generic specification (IEC 62595-1-1:2013; EN 62595-1-1:2013)

HRN EN 62595-2:2014 en pr
LCD backlight unit – Part 2: Electro-optical measurement methods of LED backlight unit (IEC 62595-2:2012; EN 62595-2:2013)

HRN EN 62610-4:2014 en pr
Mechanical structures for electronic equipment – Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 series – Part 4: Cooling performance tests for water supplied heat exchangers in electronic cabinets (IEC 62610-4:2013; EN 62610-4:2013)

HRN EN 62664-1-1:2014 en pr
Fibre optic interconnecting devices and passive components – Fibre optic connector product specifications – Part 1-1: LC-PC duplex multimode connectors terminated on IEC 60793-2-10 category A1a fibre (IEC 62664-1-1:2013; EN 62664-1-1:2013)

HRN EN 62670-1:2014 en pr
Photovoltaic concentrators (CPV) – Performance testing – Part 1: Standard conditions (IEC 62670-1:2013; EN 62670-1:2014)

HRN EN 62716:2014 en pr
Fotonaponski moduli – Ispitivanje korozije amonijakom (IEC 62716:2013; EN 62716:2013)
Photovoltaic (PV) modules – Ammonia corrosion testing (IEC 62716:2013; EN 62716:2013)

HRN EN 62716:2014/lsp.1:2014 en pr
Fotonaponski moduli – Ispitivanje korozije amonijakom (IEC 62716:2013/Corr.1:2014; EN 62716:2013/AC:2014)
Photovoltaic (PV) modules – Ammonia corrosion testing (IEC 62716:2013/Corr.1:2014; EN 62716:2013/AC:2014)

HRN EN 122160:2008/lsp.1:2014 en pr
Sectional Specification – Radio frequency coaxial connectors – Series SSMA (EN 122160:1993/AC:1996)

HRN EN 140401-803:2009/A2:2014 en pr
Detail specification: Fixed low power film SMD resistors – Cylindrical – Stability classes 0, 05, 0, 1, 0, 25, 0, 5, 1, 2 (EN 140401-803:2007/A2:2013)

HRN EN 175101-809:2008/lsp.1:2014 en pr
Detail specification: Two-part connectors for printed boards having a grid of 2, 54 mm, short version in compliance with CECC 75 101-801, with assessed quality (EN 175101-809:2004/AC:2005)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 50144-1:2008/lsp.1:2014 en pr
Sigurnost ručnih elektromotornih alata – 1. dio: Opći zahtjevi (EN 50144-1:1998/AC:2005)
Safety of hand-held electric motor operated tools – Part 1: General requirements (EN 50144-1:1998/AC:2005)

HRN EN 50272-3:2002/lsp.1:2014 en pr
Sigurnosni zahtjevi za sekundarne baterije i baterijske instalacije – 3. dio: Vučne baterije (EN 50272-3:2002/AC:2003)
Safety requirements for secondary batteries and battery installations – Part 3: Traction batteries (EN 50272-3:2002/AC:2003)

HRN EN 50291-1:2011/A1:2014 en pr
Električna oprema za otkrivanje ugljičnog monoksida u kućanskim prostorima – 1. dio: Metode ispitivanja i izvedbeni zahtjevi (EN 50291-1:2010/A1:2012)
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 1: Test methods and performance requirements (EN 50291-1:2010/A1:2012)

HRN EN 50292:2014 en pr
Electrical apparatus for the detection of carbon monoxide in domestic premises, caravans and boats – Guide on the selection, installation, use and maintenance (EN 50292:2013)

HRN EN 50379-1:2014 en pr
Specifikacije za prijenosnu električnu opremu dizajniranu za mjerenje parametara dimnih plinova izgaranja uređaja za grijanje – 1. dio: Opći zahtjevi i metode ispitivanja (EN 50379-1:2012)
Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances – Part 1: General requirements and test methods (EN 50379-1:2012)

- HRN EN 50379-2:2014 en pr
Specifikacije za prijenosnu električnu opremu dizajniranu za mjerenje parametara dimnih plinova izgaranja uređaja za grijanje – 2. dio: Izvedbeni zahtjevi za opremu koja se upotrebljava pri zakonskim provjerama i ocjenjivanju (EN 50379-2:2012)
Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances – Part 2: Performance requirements for apparatus used in statutory inspections and assessment (EN 50379-2:2012)
- HRN EN 50379-3:2014 en pr
Specifikacije za prijenosnu električnu opremu dizajniranu za mjerenje parametara dimnih plinova izgaranja uređaja za grijanje – 3. dio: Izvedbeni zahtjevi za opremu koja se upotrebljava pri održavanju plinske opreme za grijanje, koje ne podliježe zakonu (EN 50379-3:2012)
Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances – Part 3: Performance requirements for apparatus used in non-statutory servicing of gas fired heating appliances (EN 50379-3:2012)
- HRN EN 50434:2014 en pr
Safety of household and similar appliances – Particular requirements for mains operated shredders and chippers (EN 50434:2014)
- HRN EN 50545-1:2014 en pr
Electrical apparatus for the detection and measurement of toxic and combustible gases in car parks and tunnels – Part 1: General performance requirements and test methods for the detection and measurement of carbon monoxide and nitrogen oxides (EN 50545-1:2011)
- HRN EN 50636-2-92:2014 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-92: Posebni zahtjevi za grebalice i prozračivala trave pogonjene iz mreže s rukovateljem koji hoda (IEC 60335-2-92:2002, MOD; EN 50636-2-92:2014)
Household and similar electrical appliances – Safety – Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators (IEC 60335-2-92:2002, MOD; EN 50636-2-92:2014)
- HRN EN 50636-2-94:2014 en pr
Household and similar electrical appliances – Safety – Part 2-94: Particular requirements for scissors type grass shears (IEC 60335-2-94:2008, MOD; EN 50636-2-94:2014)
- HRN EN 60358-1:2013/Ispr.1:2014 en pr
Spojni kondenzatori i kapacitivni djelitelji – 1. dio: Opća pravila (EN 60358-1:2012/AC:2013)
Coupling capacitors and capacitor dividers – Part 1: General rules (EN 60358-1:2012/AC:2013)
- HRN EN 60358-2:2014 en pr
Coupling capacitors and capacitor dividers – Part 2: AC or DC single-phase coupling capacitor connected between line and ground for power line carrier-frequency (PLC) application (IEC 60358-2:2013; EN 60358-2:2013)
- HRN EN 60358-3:2014 en pr
Coupling capacitors and capacitor dividers – Part 3: AC or DC coupling capacitors for harmonic-filters applications (IEC 60358-3:2013; EN 60358-3:2014)
- HRN EN 60549:2014 en pr
Visokonaponski osigurači za vanjsku zaštitu paralelno spojenih kondenzatora (baterija) (IEC 60549:2013; EN 60549:2013)
High-voltage fuses for the external protection of shunt capacitors (IEC 60549:2013; EN 60549:2013)
- HRN EN 60676:2014 en pr
Oprema za električno grijanje u industriji – Metode ispitivanja za izravne elektroločne peći (IEC 60676:2011; EN 60676:2012)
Industrial electroheating equipment – Test methods for direct arc furnaces (IEC 60676:2011; EN 60676:2012)
- HRN EN 60683:2014 en pr
Oprema za električno grijanje u industriji – Metode ispitivanja za potopljene elektroločne peći (IEC 60683:2011; EN 60683:2012)
Industrial electroheating equipment – Test methods for submerged arc furnaces (IEC 60683:2011; EN 60683:2012)
- HRN EN 60745-2-3:2012/A11:2014 en pr
Ručni elektromotorni alati – Sigurnost – Dio 2-3: Posebni zahtjevi za brusilice, laštilice i kolutne pjeskarilice (EN 60745-2-3:2011/A11:2014)
Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (EN 60745-2-3:2011/A11:2014)
- HRN EN 60831-1:2014 en pr
Paralelni energetske kondenzatori samoobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1 000 V – 1. dio: Općenito – Značajke, ispitivanja i ocjenjivanje – Zahtjevi za sigurnost – Vodič za instaliranje i rad (IEC 60831-1:2014; EN 60831-1:2014)
Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V – Part 1: General – Performance, testing and rating – Safety requirements – Guide for installation and operation (IEC 60831-1:2014; EN 60831-1:2014)
- HRN EN 60831-2:2014 en pr
Paralelni energetske kondenzatori samoobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1 000 V – 2. dio: Ispitivanje starenjem, ispitivanje samoobnovljivosti i ispitivanje razaranjem (IEC 60831-2:2014; EN 60831-2:2014)
Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V – Part 2: Ageing test, self-healing test and destruction test (IEC 60831-2:2014; EN 60831-2:2014)
- HRN EN 60871-4:2014 en pr
Paralelni kondenzatori za izmjenične energetske sustave nazivnog napona većeg od 1 000 V – 4. dio: Ugrađeni osigurači (IEC 60871-4:2014; EN 60871-4:2014)
Shunt capacitors for AC power systems having a rated voltage above 1 000 V – Part 4: Internal fuses (IEC 60871-4:2014; EN 60871-4:2014)
- HRN EN 60952-1:2014 en pr
Baterije za zrakoplove – 1. dio: Općeniti zahtjevi za ispitivanja i razine djelovanja (IEC 60952-1:2013; EN 60952-1:2013)
Aircraft batteries – Part 1: General test requirements and performance levels (IEC 60952-1:2013; EN 60952-1:2013)
- HRN EN 60952-2:2014 en pr
Baterije za zrakoplove – 2. dio: Zahtjevi za izvedbu i konstrukciju (IEC 60952-2:2013; EN 60952-2:2013)
Aircraft batteries – Part 2: Design and construction requirements (IEC 60952-2:2013; EN 60952-2:2013)
- HRN EN 60952-3:2014 en pr
Baterije za zrakoplove – 3. dio: Specifikacija proizvoda i deklaracija dizajna i izvedbe (DDP) (IEC 60952-3:2013; EN 60952-3:2013)
Aircraft batteries – Part 3: Product specification and declaration of design and performance (DDP) (IEC 60952-3:2013; EN 60952-3:2013)

- HRN EN 61056-1:2014 en pr
Olovni akumulatori za opću uporabu (regulirani ventilom) – 1. dio: Opći zahtjevi, funkcionalne karakteristike – Metode ispitivanja (IEC 61056-1:2012; EN 61056-1:2012)
General purpose lead-acid batteries (valve-regulated types) – Part 1: General requirements, functional characteristics – Methods of test (IEC 61056-1:2012; EN 61056-1:2012)
- HRN EN 61056-2:2014 en pr
Olovni akumulatori za opću uporabu (regulirani ventilom) – 2. dio: Dimenzije, priključci i oznake (IEC 61056-2:2012; EN 61056-2:2012)
General purpose lead-acid batteries (valve-regulated types) – Part 2: Dimensions, terminals and marking (IEC 61056-2:2012; EN 61056-2:2012)
- HRN EN 61427-1:2014 en pr
Secondary cells and batteries for renewable energy storage – General requirements and methods of test – Part 1: Photovoltaic off-grid application (IEC 61427-1:2013; EN 61427-1:2013)
- HRN EN 61558-2-10:2014 en pr
Safety of transformers; reactors; power supply units and combinations thereof – Part 2-10: Particular requirements and tests for separating transformers with high insulation level and separating transformers with output voltages exceeding 1 000 V (IEC 61558-2-10:2014; EN 61558-2-10:2014)
- HRN EN 61558-2-16:2011/A1:2014 en pr
Sigurnost transformatora, prigušnica, jedinica za napajanje i sličnih proizvoda za napone napajanja do 1 100 V – Dio 2-16: Posebni zahtjevi i ispitivanja za prekidačke pretvarače za napajanje i transformatore za prekidačke pretvarače za napajanje (IEC 61558-2-16:2009/am1:2013; EN 61558-2-16:2009/A1:2013)
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16:2009/am1:2013; EN 61558-2-16:2009/A1:2013)
- HRN EN 61951-1:2014 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Prijenosni zapečaćeni, punjivi, pojedinačni članci – 1. dio: Nikal-kadmij (IEC 61951-1:2013; EN 61951-1:2014)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Portable sealed rechargeable single cells – Part 1: Nickel-cadmium (IEC 61951-1:2013; EN 61951-1:2014)
- HRN EN 61982:2014 en pr
Secondary batteries (except lithium) for the propulsion of electric road vehicles – Performance and endurance tests (IEC 61982:2012; EN 61982:2012)
- HRN EN 61982-2:2008/Ispr.1:2014 en pr
Sekundarne baterije za pogon električnih cestovnih vozila – 2. dio: Ispitivanje značajki dinamičkog pražnjenja i dinamičke izdržljivosti (EN 61982-2:2002/AC:2002)
Secondary batteries for the propulsion of electric road vehicles – Part 2: Dynamic discharge performance test and dynamic endurance test (EN 61982-2:2002/AC:2002)
- HRN EN 62133:2014 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Zahtjevi za sigurnost prijenosnih sekundarnih članaka i baterija koje su od njih sastavljene, za uporabu u prijenosnim primjenama (IEC 62133:2012; EN 62133:2013)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications (IEC 62133:2012; EN 62133:2013)
- HRN EN 62146-1:2014 en pr
Grading capacitors for high-voltage alternating current circuit-breakers – Part 1: General (IEC 62146-1:2013; EN 62146-1:2014)
- HRN EN 62246-1-1:2014 en pr
Reed switches – Part 1-1: Generic specification – Quality assessment (IEC 62246-1-1:2013; EN 62246-1-1:2013)
- HRN EN 62281:2014 en pr
Sigurnost primarnih i sekundarnih litijevih članaka i baterija tijekom transporta (IEC 62281:2012; EN 62281:2013)
Safety of primary and secondary lithium cells and batteries during transport (IEC 62281:2012; EN 62281:2013)
- HRN EN 62282-2:2014 en pr
Tehnologija gorivih članaka – 2. dio: Moduli gorivih članaka (IEC 62282-2:2012; EN 62282-2:2012)
Fuel cell technologies – Part 2: Fuel cell modules (IEC 62282-2:2012; EN 62282-2:2012)
- HRN EN 62282-3-201:2014 en pr
Fuel cell technologies – Part 3-201: Stationary fuel cell power systems – Performance test methods for small fuel cell power systems (IEC 62282-3-201:2013; EN 62282-3-201:2013)
- HRN EN 62282-6-100:2011/A1:2014 en pr
Tehnologija gorivih članaka – Dio 6-100: Energetski sustavi s gorivim mikročlancima – Sigurnost (IEC 62282-6-100:2010/am1:2012; EN 62282-6-100:2010/A1:2012)
Fuel cell technologies – Part 6-100: Micro fuel cell power systems – Safety (IEC 62282-6-100:2010/am1:2012; EN 62282-6-100:2010/A1:2012)
- HRN EN 62282-6-200:2014 en pr
Tehnologija gorivih članaka – Dio 6-200: Energetski sustavi s gorivim mikročlancima – Metode ispitivanja značajki (IEC 62282-6-200:2012; EN 62282-6-200:2012)
Fuel cell technologies – Part 6-200: Micro fuel cell power systems – Performance test methods (IEC 62282-6-200:2012; EN 62282-6-200:2012)
- HRN EN 62282-6-300:2014 en pr
Tehnologija gorivih članaka – Dio 6-300: Energetski sustavi s gorivim mikročlancima – Izmjenjivost spremnika s gorivom (IEC 62282-6-300:2012; EN 62282-6-300:2013)
Fuel cell technologies – Part 6-300: Micro fuel cell power systems – Fuel cartridge interchangeability (IEC 62282-6-300:2012; EN 62282-6-300:2013)
- HRN EN 62364:2014 en pr
Hydraulic machines – Guide for dealing with hydro-abrasive erosion in Kaplan, Francis, and Pelton turbines (IEC 62364:2013; EN 62364:2013)
- HRN EN 62395-1:2014 en pr
Sustavi grijanja elektrootpornom trakom za industrijske i komercijalne primjene – 1. dio: Općenito i zahtjevi ispitivanja (IEC 62395-1:2013; EN 62395-1:2013)
Electrical resistance trace heating systems for industrial and commercial applications – Part 1: General and testing requirements (IEC 62395-1:2013; EN 62395-1:2013)

HRN EN 62395-2:2014 en pr
Sustavi grijanja elektrootpornom trakom za industrijske i komercijalne primjene – 2. dio: Upute za primjenu za oblikovanje sustava, postavljanje i održavanje (IEC 62395-2:2013; EN 62395-2:2013)
Electrical resistance trace heating systems for industrial and commercial applications – Part 2: Application guide for system design, installation and maintenance (IEC 62395-2:2013; EN 62395-2:2013)

HRN EN 62841-3-6:2014 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-6: Posebni zahtjevi za dijamantne bušilice sa sustavom tekućine (IEC 62841-3-6:2014, MOD; EN 62841-3-6:2014)
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-6: Particular requirements for diamond drills with liquid system (IEC 62841-3-6:2014, MOD; EN 62841-3-6:2014)

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

HZN/TO 548, *Konstruktivski eurokodovi*

nHRN EN 1997-1:2012/A1 hr pp
Eurokod 7: Geotehničko projektiranje – 1. dio: Opća pravila (EN 1997-1:2004/A1:2013)
Eurocode 7: Geotechnical design – Part 1: General rules (EN 1997-1:2004/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 8, *Brodogradnja*

prEN ISO 16315 en
Small craft – Electric propulsion system (ISO/DIS 16315:2014)
Mala plovila – Električni propulzijski sustav (ISO/DIS 16315:2014)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

FprEN 54-12 rev en
Fire detection and fire alarm systems – Part 12: Smoke detectors – Line detectors using an optical beam
Sustavi za otkrivanje i dojavu požara – 12. dio: Detektori dima – Linijski detektori koji upotrebljavaju optičku zraku

FprEN 54-22 en
Fire detection and fire alarm system – Part 22: Resettable line-type heat detectors
Sustavi za otkrivanje i dojavu požara – 22. dio: Linijski detektori topline s mogućnošću promjene postavne vrijednosti

FprEN 54-26 en
Fire detection and fire alarm systems – Part 26: Carbon monoxide detectors – Point detectors
Sustavi za otkrivanje i dojavu požara – 26. dio: Detektori ugljičnog monoksida – Točkasti detektori

FprEN 54-27 en
Fire detection and fire alarms systems – Part 27: Duct smoke detectors
Sustavi za otkrivanje i dojavu požara – 27. dio: Detektori dima u zračnim kanalima

FprEN 54-29 en
Fire detection and fire alarm systems – Part 29: Multi-sensor fire detectors – Point detectors using a combination of smoke and heat sensors
Sustavi za otkrivanje i dojavu požara – 29. dio: Multisenzorski detektori požara – Točkasti detektori s kombinacijom osjetnika dima i osjetnika topline

FprEN 54-30 en
Fire detection and fire alarm systems – Part 30: Multi-sensor fire detectors – Point detectors using a combination of carbon monoxide and heat sensors
Sustavi za otkrivanje i dojavu požara – 30. dio: Multisenzorski detektori požara – Točkasti detektori s kombinacijom osjetnika ugljičnog monoksida i osjetnika topline

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

prEN 609-1 en pr
Poljoprivredna i šumarska mehanizacija – Sigurnost cjepača – 1. dio: Klinasti cjepači
Agricultural and forestry machinery – Safety of log splitters – Part 1: Wedge splitters

HZN/TO 28, *Naftni proizvodi i maziva*

FprEN 116 en
Diesel and domestic heating fuels – Determination of cold filter plugging point by stepwise cooling procedure

prEN 12916 rev en
Petroleum products – Determination of aromatic hydrocarbon types in middle distillates – High performance liquid chromatography method with refractive index detection
Naftni proizvodi – Određivanje tipova aromatskih ugljikovodika u srednjim destilatima – Metoda tekućinske kromatografije visokog učinka s detektorom indeksa loma

prEN 15940 en
Automotive fuels – Paraffinic diesel fuel from synthesis or hydrotreatment – Requirements and test methods
Goriva za motorna vozila – Parafinska dizelska goriva dobivena sintezom ili hidroobradom – Zahtjevi i metode ispitivanja

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

FprEN 15948 en
Cereals – Determination of moisture and protein – Method using Near-Infrared-Spectroscopy in whole kernels
Žitarice – Određivanje vlage i proteina – Metoda primjenom bliske infracrvene spektroskopije u cijelom zrnu

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

- EN ISO 5492:2009/prA1 en
Sensory analysis – Vocabulary
(ISO 5492:2008/Amd 1:2014)
Senzorske analize – Rječnik
(ISO 5492:2008/Amd 1:2014)
- prEN ISO 13299 en
Sensory analysis – Methodology – General guidance for establishing a sensory profile
(ISO/DIS 13299:2014)
Senzorske analize – Metodologija – Opće upute za utvrđivanje senzorskog profila (ISO/DIS 13299:2014)

HZN/TO 35, Boje i lakovi

- prEN ISO 1514 rev en
Paints and varnishes – Standard panels for testing
(ISO/DIS 1514)
Boje i lakovi – Standardne pločice za ispitivanje
(ISO/DIS 1514)
- prEN ISO 8503-5 rev en
Preparation of steel substrates before application of paints and related products – Surface roughness characteristics of blast-cleaned steel substrates – Part 5: Replica tape method for the determination of the surface profile (ISO/DIS 8503-5:2014)
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Svojstva hrapavosti površina čeličnih podloga čišćenih mlazom abraziva – 5. dio: Metoda replica trake za određivanje profila površine (ISO/DIS 8503-5:2014)
- prEN ISO 11997-1 en
Paints and varnishes – Determination of resistance to cyclic corrosion conditions – Part 1: Wet (salt fog)/dry/humidity (ISO/DIS 11997-1:2014)
Boje i lakovi – Određivanje otpornosti na cikličke uvjete korozije – 1. dio: Mokro (slana magla)/suho/vlažno (ISO/DIS 11997-1:2014)

HZN/TO 47/PO 2, Kemija; Laboratorijsko suđe i pripadajući uređaji

- prEN 14175-3 rev en
Fume cupboards – Part 3: Type test methods
Digestori – 3. dio: Tipovi ispitnih metoda

HZN/TO 74, Cement i vapno

- FprEN 459-1 en
Building lime – Part 1: Definitions; specifications and conformity criteria
Građevno vapno – 1. dio: Definicije, specifikacije i kriteriji sukladnosti
- FprEN 459-3 en
Building lime – Part 3: Conformity evaluation
Građevno vapno – 3. dio: Vrednovanje sukladnosti
- FprEN 13282-2 en
Hydraulic road binders – Part 2: Normal hardening hydraulic road binders – Composition, specifications and conformity criteria
Hidraulična veziva za ceste – 1. dio: Normalno otvrdnjavajuća hidraulična veziva za ceste – Sastav, specifikacije i kriteriji sukladnosti
- FprEN 13282-3 rev en
Hydraulic road binders – Part 3: Conformity evaluation
Hidraulična veziva za ceste – 3. dio: Vrednovanje sukladnosti

- EN 15743:2010/FprA1 en
Supersulfated cement – Composition, specifications and conformity criteria
Supersulfatni cement – Sastav, specifikacije i kriteriji sukladnosti

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

- ISO 817:2014 en
Refrigerants – Designation and safety classification
Radne tvari – Označivanje i klasifikacija sigurnosti

HZN/TO 89, Furniri i drvene ploče

- EN 13986:2004/FprA1 en
Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking
Ploče na osnovi drva za uporabu u graditeljstvu – Karakteristike, ocjenjivanje sukladnosti i označivanje
- prEN 14322 rev en
Wood-based panels – Melamine faced board for interior uses – Definition, requirements and classification
Ploče na osnovi drva – Melaminom obložene ploče za unutarnju uporabu – Definicija, zahtjevi i klasifikacija
- prEN 14323 rev en
Wood-based panels – Melamine faced boards for interior uses – Test methods
Ploče na osnovi drva – Melaminom obložene ploče za unutarnju uporabu – Metode ispitivanja

HZN/TO 92, Zaštita od požara

- prEN 1364-5 en
Fire resistance tests for non-loadbearing elements – Part 5: Air transfer grilles
Ispitivanja otpornosti na požar nenosivih elemenata – 5. dio: Rešetke za prijenos zraka
- prEN 1366-11 en
Fire resistance tests for service installations – Part 11: Fire protective systems for cable systems and associated components
Ispitivanja otpornosti na požar servisnih instalacija – 11. dio: Sustavi zaštite od požara za sustave kablova i pripadajuće dijelove
- EN 1366-12:2014 en
Fire resistance tests for service installations – Part 12: Non-mechanical fire barrier for ventilation ductwork
Ispitivanja otpornosti na požar servisnih instalacija – 12. dio: Nemehaničke protupožarne zaklopke
- FprEN 15882-2 en
Extended application of results from fire resistance tests for service installations – Part 2: Fire Dampers
Proširena primjena rezultata ispitivanja otpornosti na požar servisnih instalacija – 2. dio: Protupožarne zaklopke

HZN/TO 121, Anestetička i respiracijska oprema

- EN 1865-1:2010/FprA1 en
Patient handling equipment used in road ambulances – Part 1: General stretcher systems and patient handling equipment
Oprema za postupanje s bolesnikom koja se upotrebljava u cestovnim ambulantnim vozilima – 1. dio: Općeniti sustav ležaja i opreme za postupanje s bolesnikom

HZN/TO 130, *Grafička tehnologija*

- ISO 2846-1:2006 en
Graphic technology – Colour and transparency of printing ink sets for four-colour printing – Part 1: Sheet-fed and heat-set web offset lithographic printing
Grafička tehnologija – Obojenje i transparentcija tiskarskih bojila za četverbojni tisak – 1. dio: Ofsetni litografski tisak iz arka i role
- ISO 2846-2:2007 en
Graphic technology – Colour and transparency of printing ink sets for four-colour printing – Part 2: Coldset offset lithographic printing
Grafička tehnologija – Obojenje i transparentcija tiskarskih bojila za četverbojni tisak – 2. dio: Coldset ofsetni litografski tisak
- ISO 2846-3:2002 en
Graphic technology – Colour and transparency of printing ink sets for four-colour-printing – Part 3: Publication gravure printing
Grafička tehnologija – Obojenje i transparentcija tiskarskih bojila za četverbojni tisak – 3. dio: Ilustracijski bakrotisak
- ISO 2846-5:2005 en
Graphic technology – Colour and transparency of printing ink sets for four-colour printing – Part 5: Flexographic printing
Grafička tehnologija – Obojenje i transparentcija tiskarskih bojila za četverbojni tisak – 5. dio: Flekso
- ISO 11084-1:1993 en
Graphic technology – Register systems for photographic materials, foils and paper – Part 1: Three-pin systems
Grafička tehnologija – Sustavi registara za fotografske materijale, folije i papir – 1. dio: Sustav registara sa 3 klina
- ISO 11084-2:2006 en
Graphic technology – Register systems for photographic materials, foils and paper – Part 2: Register pin systems for plate making
Grafička tehnologija – Sustavi registara za fotografske materijale, folije i papir – 2. dio: Sustavi registara s klinovima za proizvodnju tiskovnih formi
- ISO 12218:1997 en
Graphic technology – Process control – Offset platemaking
Grafička tehnologija – Kontrola procesa – Izrada tiskovne forme za ofsetni
- ISO 12637-3:2009 en
Graphic technology – Vocabulary – Part 3: Printing terms
Grafička tehnologija – Terminološki rječnik – 3. dio: Nazivlje u tiskarstvu
- ISO 12640-2:2004 en
Graphic technology – Prepress digital data exchange – Part 2: XYZ/sRGB encoded standard colour image data (XYZ/SCID)
Grafička tehnologija – Izmjena digitalnih podataka u grafičkoj pripremi – 2. dio: XYZ/sRGB kodni standard za kolorne slikovne podatke (XYZ/SCID)
- ISO 12641:1997 en
Graphic technology – Prepress digital data exchange – Colour targets for input scanner calibration
Grafička tehnologija – Izmjena digitalnih podataka u grafičkoj pripremi – Kolorna testna polja za ulaznu kalibraciju skenera

- ISO 12643-2:2010 en
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 2: Prepress and press equipment and systems
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave u grafičkoj tehnologiji – 2. dio: Oprema i sustavi za grafičku pripremu i tisak
- ISO 12646:2008/Amd 1:2010 en
Graphic technology – Displays for colour proofing – Characteristics and viewing conditions
AMENDMENT 1
Grafička tehnologija – Monitorski prikaz u svrhu korekcije boja – Karakteristike i uvjeti za vizualni pregled – Amandman 1
- ISO 12647-6:2012 en
Graphic technology – Process control for the production of half-tone colour separations, proofs and production prints – Part 6: Flexographic printing
Grafička tehnologija – Kontrola procesa pri izradi kolornih rasterskih separacija, probnih otisaka i proizvodnih otisaka – 6 dio: Fleksografski tisak
- ISO/TR 16066:2003 en
Graphic technology – Standard object colour spectra database for colour reproduction evaluation (SOCS)
Grafička tehnologija – Standardizirana spektralna baza podataka za procjenu reprodukcije boje (SOCS)

HZN/TO 135, *Nerazorna ispitivanja*

- prEN 16714-2 en
Non-destructive testing – Thermographic testing – Part 2: Equipment
Nerazorno ispitivanje – Termografsko ispitivanje – 2. dio: Oprema
- prEN 16714-3 en
Non-destructive testing – Thermographic testing – Part 3: Terms and definitions
Nerazorno ispitivanje – Termografsko ispitivanje – 3. dio: Nazivi i definicije

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

- prEN 1453-1 rev en
Plastics piping systems with structured-wall pipes for soil and waste discharge (low and high temperature) inside buildings – Unplasticized poly(vinyl chloride) (PVC-U) – Part 1: Specifications for pipes and the system
Plastični cijevni sustavi s cijevima sa strukturiranom stjenkom za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar zgrada – Neomekšani poli(vinil-klorid) (PVC-U) – 1. dio: Specifikacije za cijevi i sustav

HZN/TO 146, *Kvaliteta zraka*

- ISO 16000-6:2011 en
Indoor air – Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA sorbent, thermal desorption and gas chromatography using MS or MS-FID
Zrak u zatvorenom prostoru – 6. dio: Određivanje hlapljivih organskih spojeva u zatvorenom prostoru i komori za ispitivanje zraka uzorkovanjem na TENAX TA sorbentu, toplinskom desorpcijom i plinskom kromatografijom uporabom MS ili MS-FID
- prEN 16789 en
Ambient air – Biomonitoring with Higher Plants – Method of the standardised tobacco exposure

- prEN ISO 19694-1 en
Stationary source emissions – Determination of greenhouse gas (GHG) emissions in energy-intensive industries – Part 1: General aspects (ISO/DIS 19694-1:2014)
- prEN ISO 19694-2 en
Stationary source emissions – Greenhouse Gas (GHG) emissions in energy-intensive industries – Part 2: Iron and steel industry (ISO/DIS 19694-2:2014)
- prEN ISO 19694-3 en
Stationary source emissions – Determination of greenhouse gas (GHG) emissions in energy-intensive industries – Part 3: Cement industry (ISO/DIS 19694-3:2014)
- prEN ISO 19694-4 en
Stationary source emissions – Determination of greenhouse gas (GHG) emissions in energy-intensive industries – Part 4: Aluminium industry (ISO/DIS 19694-4:2014)
- prEN ISO 19694-5 en
Stationary source emissions – Determination of greenhouse gas (GHG) emissions in energy-intensive industries – Part 5: Lime industry (ISO/DIS 19694-5:2014)
- prEN ISO 19694-6 en
Stationary source emissions – Determination of greenhouse gas (GHG) emissions in energy-intensive industries – Part 6: Ferroalloy industry (ISO/DIS 19694-6:2014)

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

- prEN ISO 17943 en
Water quality – Determination of volatile organic compounds in water – Method using headspace solid-phase micro-extraction (HS-SPME) followed by gas chromatography-mass spectrometry (GC-MS) (ISO/DIS 17943:2014)
Kvaliteta vode – Određivanje hlapljivih organskih spojeva u vodi – Metoda mikroekstrakcije vršnih para na čvrstoj fazi (HS-SPME) uz plinsku kromatografiju-spektrometriju masa (GC-MS) (ISO/DIS 17943:2014)

HZN/TO 159, Ergonomija

- prEN ISO 6385 en
Ergonomic principles in the design of work systems (ISO/DIS 6385:2014)
Ergonomska načela u dizajniranju radnih sustava (ISO/DIS 6385:2014)

HZN/TO 163, Toplinska izolacija

- EN 13162:2012/FprA1 en
Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od mineralne vune (MW) – Specifikacija
- EN 13163:2012/FprA1 en
Thermal insulation products for buildings – Factory made expanded polystyrene (EPS) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspaniranog polistirena (EPS) – Specifikacija
- EN 13164:2012/FprA1 en
Thermal insulation products for buildings – Factory made extruded polystyrene foam (XPS) products – Specification

Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekstrudirane polistirenske pjene (XPS) – Specifikacija

- EN 13165:2012/FprA1 en
Thermal insulation products for buildings – Factory made rigid polyurethane foam (PU) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od tvrde poliuretanske pjene (PUR) – Specifikacija
- EN 13166:2012/FprA1 en
Thermal insulation products for buildings – Factory made phenolic foam (PF) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od fenolne pjene (PF) – Specifikacija
- EN 13167:2012/FprA1 en
Thermal insulation products for buildings – Factory made cellular glass (CG) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od čelijastog (pjenastog) stakla (CG) – Specifikacija
- EN 13168:2012/FprA1 en
Thermal insulation products for buildings – Factory made wood wool (WW) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od drvene vune (WW) – Specifikacija
- EN 13169:2012/FprA1 en
Thermal insulation products for buildings – Factory made expanded perlite board (EPB) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspaniranog perlita (EPB) – Specifikacija
- EN 13170:2012/FprA1 en
Thermal insulation products for buildings – Factory made products of expanded cork (ICB) – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od ekspaniranog pluta (ICB) – Specifikacija
- EN 13171:2012/FprA1 en
Thermal insulation products for buildings – Factory made wood fibre (WF) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od drvenih vlakana (WF) – Specifikacija
- EN 16069:2012/FprA1 en
Thermal insulation products for buildings – Factory made products of polyethylene foam (PEF) – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički izrađeni proizvodi od polietilenske pjene (PEF) – Specifikacija

- prEN 16783 en
Thermal insulation products – Product category rules (PCR) for factory made and in-situ formed products for preparing environmental product declarations
Toplinsko-izolacijski proizvodi – Pravila za razvrstavanje proizvoda (PCR), za tvornički proizvedene i na licu mjesta pripremljene proizvode, u svrhu sastavljanja izjava o zaštiti okoliša

HZN/TO 165, Drvene konstrukcije

- prEN 16784 en
Timber Structures – Test methods – Determination of the long term behaviour of coated and uncoated dowel-type fasteners
Drvene konstrukcije – Metode ispitivanja – Određivanje dugotrajnog ponašanja zaštićenih i nezaštićenih štapastih spajala

HZN/TO 172, *Optika i optički instrumenti*

- ISO 12858-1:2014 en
Optics and optical instruments – Ancillary devices for geodetic instruments – Part 1: Invar levelling staffs
Optika i optički instrumenti – Pomoćni uređaji za geodetske uređaje – 1. dio: Invarske nivelmanske letve
- FprEN ISO 12870 en
Ophthalmic optics – Spectacle frames – Requirements and test methods (ISO 12870:2012)
Oftalmološka optika – Okviri za naočale – Zahtjevi i metode ispitivanja (ISO 12870:2012)
- ISO 17123-1:2014 en
Optics and optical instruments – Field procedures for testing geodetic and surveying instruments – Part 1: Theory
Optika i optički instrumenti – Terenski postupci za ispitivanje geodetskih instrumenata i instrumenata za izmjere – 1. dio: Teorija

HZN/TO 176, *Upravljanje kvalitetom i osiguravanje kvalitete*

- prEN ISO 9000 rev en
Quality management systems – Fundamentals and vocabulary (ISO/DIS 9000:2014)
Sustavi upravljanja kvalitetom – Temeljna načela i terminološki rječnik (ISO/DIS 9000:2014)
- prEN ISO 9001 en
Quality management systems – Requirements (ISO/DIS 9001:2014)
Sustavi upravljanja kvalitetom – Zahtjevi (ISO/DIS 9001:2014)

HZN/TO 179, *Zidane konstrukcije*

- EN 771-1:2011/FprA1 en
Specification for masonry units – Part 1: Clay masonry units
Specifikacije za zidne elemente – 1. dio: Opečni zidni elementi
- EN 771-2:2011/FprA1 en
Specification for masonry units – Part 2: Calcium silicate masonry units
Specifikacije za zidne elemente – 2. dio: Vapnenosilikatni zidni elementi
- EN 771-3:2011/FprA1 en
Specification for masonry units – Part 3: Aggregate concrete masonry units (Dense and lightweight aggregates)
Specifikacije za zidne elemente – 3. dio: Betonski zidni elementi (gusti i lagani agregat)
- EN 771-4:2011/FprA1 en
Specification for masonry units – Part 4: Autoclaved aerated concrete masonry units
Specifikacije za zidne elemente – 4. dio: Zidni elementi od porastoga betona
- EN 771-5:2011/FprA1 en
Specification for masonry units – Part 5: Manufactured stone masonry units
Specifikacije za zidne elemente – 5. dio: Zidni elementi od umjetnoga kamena
- EN 771-6:2011/FprA1 en
Specification for masonry units – Part 6: Natural stone masonry units
Specifikacije za zidne elemente – 6. dio: Zidni elementi od prirodnog kamena

HZN/TO 184, *Sustavi industrijske automatizacije i integracija*

- ISO 13584-42:2010 en
Industrial automation systems and integration – Parts library – Part 42: Description methodology: Methodology for structuring parts families
Industrijski sustavi automatizacije i integracija – Knjižnica dijelova – 42. dio: Metodologija opisa: metodologija strukturiranja familija dijelova
- ISO 15745-1:2003/Amd 1:2007 en
Industrial automation systems and integration – Open systems application integration framework – Part 1: Generic reference description – Amendment 1
Sustavi industrijske automatizacije i integracija – Okvir za integraciju programskih podrški otvorenih sustava – 1. dio: Opći referencijski opis – Amandman 1

HZN/TO 190, *Kvaliteta tla*

- prEN ISO 15009 en
Soil quality – Gas chromatographic determination of the content of volatile aromatic hydrocarbons, naphthalene and volatile halogenated hydrocarbons – Purge-and-trap method with thermal desorption (ISO/DIS 15009:2014)
Kvaliteta tla – Određivanje sadržaja hlapljivih aromatskih ugljikovodika, naftalena i hlapljivih halogeniranih ugljikovodika plinskom kromatografijom – Metoda pročišćavanjem, adsorpcijom i termalnom desorpcijom (Purge-and-trap metoda) (ISO/DIS 15009:2014)
- prEN ISO 22155 en
Soil quality – Gas chromatographic determination of volatile aromatic and halogenated hydrocarbons and selected ethers – Static headspace method (ISO/DIS 22155:2014)
Kvaliteta tla – Određivanje hlapljivih aromatskih i halogeniranih ugljikovodika i odabranih etera plinskom kromatografijom – Statička metoda ubrizgavanja lakohlapljivih spojeva (headspace metoda) (ISO/DIS 22155:2014)

HZN/TO 207, *Upravljanje okolišem*

- prEN ISO 14001 en
Environmental management systems – Requirements with guidance for use (ISO/DIS 14001:2014)
Sustavi upravljanja okolišem – Zahtjevi s uputama za uporabu (ISO/DIS 14001:2014)

HZN/TO 215, *Medicinska informatika*

- prEN ISO 17523 en
Health informatics – Requirements for electronic prescriptions (ISO/DIS 17523:2014)
Medicinska informatika – Zahtjevi za elektroničke recepte (ISO/DIS 17523:2014)
- prEN ISO 21549-5 rev en
Health informatics – Patient healthcard data – Part 5: Identification data (ISO/DIS 21549-5:2014)
Medicinska informatika – Podaci na zdravstvenoj kartici bolesnika – 5. dio: Identifikacijski podaci (ISO/DIS 21549-5:2014)
- prEN ISO 21549-7 en
Health informatics – Patient healthcard data – Part 7: Medication data (ISO/DIS 21549-7:2014)
Medicinska informatika – Podaci na zdravstvenoj kartici bolesnika – 7. dio: Podaci o propisanim lijekovima (ISO/DIS 21549-7:2014)

prEN ISO 27799 en
Health informatics – Information security
management in health using ISO/IEC 27002
(ISO/DIS 27799:2014)
Medicinska informatika – Upravljanje informacijskom
sigurnošću u zdravstvu pomoću ISO/IEC 27002
(ISO/DIS 27799:2014)

HZN/TO 218, *Drvo*

FprCEN/TS 12404 en
Durability of wood and wood-based products –
Assessment of the effectiveness of a masonry
fungicide to prevent growth into wood of Dry Rot
Serpula lacrymans (Schumacher ex Fries) S.F. Gray
– Laboratory method
Trajnost drva i proizvoda na osnovi drva –
Procjena učinkovitosti građevinskog fungicida za
sprečavanje razvoja smeđe suhe truleži Serpula
lacrymans (Schumacher ex Fries) S.F. Gray u drvu –
Laboratorijska metoda

HZN/TO 219, *Podne obloge*

prEN 16776 en
Resilient floor coverings – Homogeneous and
heterogeneous polyurethane floor coverings –
Specification

HZN/TO 221, *Geosintetici*

prEN 14196 rev en
Geosynthetics – Test methods for measuring mass
per unit area of clay geosynthetic barriers
Geosintetici – Ispitne metode za mjerenje mase po
jedinici površine glinenih geosintetičkih barijera

HZN/TO 503, *Metalni materijali*

prEN 10217-1 rev en
Welded steel tubes for pressure purposes –
Technical delivery conditions – Part 1: Electric
welded and submerged arc welded non-alloy steel
tubes with specified room temperature properties
Zavarene čelične cijevi za tlačne namjene – Tehnički
uvjeti isporuke – 1. dio: Elektrozavarene cijevi
i elektrolučno pod praškom zavarene cijevi od
nelegiranih čelika s utvrđenim svojstvima pri sobnoj
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prEN 10217-2 rev en
Welded steel tubes for pressure purposes –
Technical delivery conditions – Part 2: Electric
welded non-alloy and alloy steel tubes with specified
elevated temperature properties
Zavarene čelične cijevi za tlačne namjene – Tehnički
uvjeti isporuke – 2. dio: Elektrozavarene cijevi od
nelegiranih i legiranih čelika s utvrđenim svojstvima
pri povišenim temperaturama

prEN 10217-3 rev en
Welded steel tubes for pressure purposes –
Technical delivery conditions – Part 3: Electric
welded and submerged arc welded alloy fine grain
steel tubes with specified room, elevated and low
temperature properties
Zavarene čelične cijevi za tlačne namjene – Tehnički
uvjeti isporuke – 3. dio: Elektrozavarene cijevi
i elektrolučno pod praškom zavarene cijevi od
legiranih sitnozrnatih čelika s utvrđenim povišenim i
snižanim svojstvima pri sobnoj temperaturi

prEN 10217-4 rev en
Welded steel tubes for pressure purposes –
Technical delivery conditions – Part 4: Electric
welded non-alloy steel tubes with specified low
temperature properties

Zavarene čelične cijevi za tlačne namjene – Tehnički
uvjeti isporuke – 4. dio: Elektrozavarene cijevi od
nelegiranih čelika s utvrđenim svojstvima pri niskim
temperaturama

prEN 10217-5 rev en
Welded steel tubes for pressure purposes –
Technical delivery conditions – Part 5: Submerged
arc welded non-alloy and alloy steel tubes with
specified elevated temperature properties
Zavarene čelične cijevi za tlačne namjene – Tehnički
uvjeti isporuke – 5. dio: Elektrolučno pod praškom
zavarene cijevi od nelegiranih i legiranih čelika s
utvrđenim svojstvima pri povišenim temperaturama

prEN 10217-6 en
Welded steel tubes for pressure purposes –
Technical delivery conditions – Part 6: Submerged
arc welded non-alloy steel tubes with specified low
temperature properties
Zavarene čelične cijevi za tlačne namjene – Tehnički
uvjeti isporuke – 6. dio: Elektrolučno pod praškom
zavarene cijevi od nelegiranih čelika s utvrđenim
svojstvima pri niskim temperaturama

prEN 16773 en
Aluminium and aluminium alloys – Guideline for
the production of foil-stock in the field of semi rigid
foodstuff containers
Aluminij i aluminijeve legure – Smjernice za
proizvodnju folija za polukrute spremnike za hranu

prEN ISO 21809-3 rev en
Petroleum and natural gas industries – External
coatings for buried or submerged pipelines used in
pipeline transportation systems – Part 3: Field joint
coatings (ISO/DIS 21809-3:2014)
Industrija nafte i zemnoga plina – Vanjske prevlake
za podzemne ili podvodne cjevovode za upotrebu
u cjevovodnim prijenosnim sustavima – 3. dio:
Prevlake za spojeve napravljene na gradilistu
(ISO/DIS 21809-3:2014)

HZN/TO 504, *Korozija i zaštita metala i legura*

prEN ISO 11177 en
Vitreous and porcelain enamels – Inside and
outside enamelled valves and pressure pipe fittings
for untreated and potable water supply – Quality
requirements and testing (ISO/DIS 11177:2014)
Staklasti i porculanski emajli – Unutrašnji i vanjski
emajlirani ventili i oprema za cijevi pod tlakom za
opskrbu netretirane i pitke vode – Zahtjevi kvalitete i
ispitivanja (ISO/DIS 11177:2014)

prEN ISO 17668 en
Zinc diffusion coatings on ferrous products –
Sherardizing – Specification (ISO/DIS 17668:2014)
Cinkove difuzijske prevlake na željeznim
proizvodima – Šerardizacija – Specifikacija
(ISO/DIS 17668:2014)

prEN ISO 28721-5 en
Vitreous and porcelain enamels – Glass-lined
apparatus for process plants – Part 5: Presentation
and characterisation of defects
(ISO/DIS 28721-5:2014)
Staklasti i porculanski emajli – Staklasto prevučeni
aparati za procesna postrojenja – 5. dio:
Prezentacija i karakterizacija grešaka
(ISO/DIS 28721-5:2014)

HZN/TO 505, *Prijenos i distribucija plina*

FprCEN/TR 13737-2 en
Gas infrastructure – Implementation Guide for
Functional Standards prepared by CEN/TC 234
– Part 2: National Pages related to CEN/TC 234
standards

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

- ISO 6145-2:2014 en
Gas analysis – Preparation of calibration gas mixtures using dynamic methods – Part 2: Piston pumps
Analiza plina – Priprava plinskih smjesa za umjeravanje primjenom dinamičkih metoda – 2.dio: Klipne pumpe
- EN 14161:2011/FprA1 en
Petroleum and natural gas industries – Pipeline transportation systems (ISO 13623:2009, MOD)
Industrija nafte i prirodnog plina – Sustav transporta cjevovodima (ISO 13623:2009, MOD)
- prEN ISO 17349 en
Petroleum and natural gas industries – Guidelines for offshore platforms handling streams with high content of CO₂ at high pressures (ISO/DIS 17349:2014)
- prEN ISO 17782 en
Petroleum, petrochemical and natural gas industries – Qualification of manufacturers of special materials (ISO/DIS 17782:2014)

HZN/TO 508, *Ambalaža i pakiranje*

- prEN ISO 780 en
Packaging – Distribution packaging – Graphical symbols for handling and storage of packages (ISO/DIS 780:2014)
Ambalaža – Ambalaža za distribuciju – Grafički simboli za rukovanje i skladištenje pakovina (ISO/DIS 780:2014)
- FprEN 12674-4 en
Roll containers – Part 4: Performance requirements
Kolica – 4. dio: Izvedbeni zahtjevi

HZN/TO 509, *Cestovna oprema*

- FprEN 12368 en
Traffic control equipment – Signal heads
Oprema za regulaciju prometa – Prometna svjetla
FprCEN/TS 16786 en
Road restraint systems – Truck Mounted Attenuators – Performance classes, impact test acceptance criteria and test methods

HZN/TO 511, *Eksplzivni za civilnu uporabu*

- prEN 15947-1 rev en
Pyrotechnic articles – Firework, Categories, 2, and 3 – Part 1: Terminology
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 1. dio: Nazivlje
- prEN 15947-2 rev en
Pyrotechnic articles – Fireworks, Categories 1, 2, and 3 – Part 2: Categories and types of firework
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 2. dio: Kategorije i tipovi vatrometa
- prEN 15947-3 rev en
Pyrotechnic articles – Fireworks; Categories 1, 2, and 3 – Part 3: Minimum labelling requirements
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 3. dio: Osnovni zahtjevi za označivanje
- prEN 15947-4 rev en
Pyrotechnic articles – Fireworks, Categories 1, 2 and 3 – Part 4: Test methods
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 4. dio: Metode ispitivanja

- prEN 15947-5 rev en
Pyrotechnic articles – Firework, Categories 1, 2, and 3 – Part 5: Requirements for construction and performance
Pirotehnički proizvodi – Vatrometi, kategorije 1, 2 i 3 – 5. dio: Zahtjevi za konstrukciju i svojstva

- EN 16701:2014 en
Energetic materials for defence – Safety, vulnerability – Friability
Energetski materijali za obranu – Sigurnost, ranjivost – Sklonost prema inicijaciji kinetičkom energijom

HZN/TO 519, *Adhezivi*

- FprEN 1372 en
Adhesives – Test method for adhesives for floor and wall coverings – Peel test
Adhezivi – Metoda ispitivanja adheziva za podne i zidne obloge – Ispitivanje ljuštenjem
- FprEN 1373 en
Adhesives – Test method for adhesives for floor and wall coverings – Shear test
Adhezivi – Metoda ispitivanja adheziva za podne i zidne obloge – Ispitivanje smicanjem
- FprEN 1902 en
Adhesives – Test method for adhesives for floor coverings and wall coverings – Shear creep test
Adhezivi – Metoda ispitivanja adheziva za podne i zidne obloge – Ispitivanje puzanja smicanjem
- FprEN 1903 en
Adhesives – Test method for adhesives for plastic or rubber floor coverings or wall coverings – Determination of dimensional changes after accelerated ageing
Adhezivi – Metoda ispitivanja za adhezive za plastične ili gumene podne ili zidne obloge – Određivanje dimenzijskih promjena nakon ubrzanog starenja
- FprEN 15274 en
General purpose adhesives for structural assembly – Requirements and test methods
Adhezivi opće namjene za konstrukcijske sklopove – Zahtjevi i metode ispitivanja
- FprEN 15275 en
Structural adhesives – Characterisation of anaerobic adhesives for co-axial metallic assembly in building and civil engineering structures
Adhezivi za konstrukcije – Karakterizacija anaerobnih adheziva za metalni koaksijalni sklop u zgradama i građevinskim konstrukcijama

HZN/TO 522, *Karakterizacija i zbrinjavanje otpada*

- prEN 14405 rev en
Characterization of waste – Leaching behaviour test – Up-flow percolation test (under specified conditions)
Karakterizacija otpada – Ispitivanje ponašanja pri izluživanju – Ispitivanje up-flow cijedenja (pod određenim uvjetima)

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

- FprEN 15722 en
Intelligent transport systems – ESafety – ECall minimum set of data
Inteligentni transportni sustavi – Elektronička sigurnost – Najmanji skup podataka za elektroničke hitne pozive iz vozila

- FprEN 16062 en
Intelligent transport systems – ESafety – eCall high level application requirements (HLAP) using GSM/UMTS circuit switched networks
- FprEN 16072 en
Intelligent transport systems – ESafety – Pan-European eCall operating requirements (FprEN 16072)
Intelligentni transportni sustavi – Elektronička sigurnost – Paneuropski operativni zahtjevi za hitne elektroničke pozive iz vozila
- FprCEN/TS 16405 en
Intelligent transport systems – Ecall – Additional data concept specification for heavy goods vehicles
- prEN 16454 en
Intelligent transport systems – ESafety – ECall end to end conformance testing
Intelligentni transportni sustavi – Elektronička sigurnost – Ispitivanje sukladnosti elektroničkih hitnih poziva iz vozila
- FprCEN/TS 16702-2 en
Electronic fee collection – Secure monitoring for autonomous toll systems – Part 2: Trusted recorder

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

- FprEN 12730 en
Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Determination of resistance to static loading
Savitljive hidroizolacijske trake – Bitumenske, plastične i elastomerne hidroizolacijske trake za krovove – Određivanje otpornosti na statičko opterećenje

HZN/TO 528, Oprema za željeznice

- FprEN 15329 en
Railway applications – Braking – Brake block holder and brake shoe key for rail vehicles
- prEN 16704-3 en
Railway applications – Track – Safety protection on the track during work – Part 3: Competences of personnel related to work on or near tracks
- prEN 16771 en
Railway applications – Infrastructure – Aluminothermic welding of grooved rails

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

- ISO 4305:2014 en
Mobile cranes – Determination of stability
Mobilni granici – Određivanje stabilnosti
- ISO 4306-3:2003/Amd 1:2011 en
Cranes – Vocabulary – Part 3: Tower cranes – Amendment 1
Granici – Rječnik – 3 dio: Toranjski granici – Amandman 1
- ISO 9374-3:2014 en
Cranes – Information to be provided for enquiries, orders, offers and supply – Part 3: Tower cranes
Granici – Potrebni podaci u upitima, narudžbama, ponudama i isporuci – 3. dio: Toranjski granici
- ISO 12482:2014 en
Cranes – Monitoring for crane design working period
Granici – Praćenje usklađenosti stvarnih uvjeta rada i projektne pogonske grupe granika

- FprEN 13001-1 rev en
Cranes – General design – Part 1: General principles and requirements
Granici – Opće projektiranje – 1. dio: Opća načela i zahtjevi
- prEN 14439 rev en
Cranes – Safety – Tower cranes
Granici – Sigurnost – Toranjski granici
- ISO 16625:2013 en
Cranes and hoists – Selection of wire ropes, drums and sheaves
Granici i dizalice – Izbor čelične užadi, bubnjeva i užnica
- ISO 18893:2014 en
Mobile elevating work platforms – Safety principles, inspection, maintenance and operation
Mobilne podizne platforme – Sigurnosna načela, pregled, održavanje i rukovanje

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

- EN ISO 3266:2010/prA1 en
Forged steel eyebolts grade 4 for general lifting purposes (ISO 3266:2010/DAM 1:2014)
Kovani čelični okasti vijci razreda 4 za opće namjene podizanja (ISO 3266:2010/DAM 1:2014)

HZN/TO 531, Plastika i guma

- prEN 438-1 en
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 1: Introduction and general information
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 1. dio: Uvod i opće informacije
- prEN 438-2 en
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 2: Determination of properties
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 2. dio: Određivanje svojstava
- prEN 438-3 en
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 3: Classification and specifications for laminates less than 2 mm thick intended for bonding to supporting substrates
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 3. dio: Razredba i specifikacija laminata tanjih od 2 mm namijenjenih za povezivanje (lijepljenje) na potporni supstrat
- prEN 438-4 en
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 4: Classification and specifications for compact laminates of thickness 2 mm and greater
Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 4. dio: Razredba i specifikacija kompaktnih laminata debljine 2 mm i više
- prEN 438-5 en
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 5: Classification and specifications for flooring grade laminates less than 2 mm thick intended for bonding to supporting substrates

Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 5. dio: Razredba i specifikacija podnih laminata tanjih od 2 mm namijenjenih za povezivanje (lijepljenje) na potporni supstrat

prEN 438-6 en

High-pressure decorative (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 6: Classification and specifications for exterior-grade compact laminates of thickness 2 mm and greater

Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 6. dio: Razredba i specifikacije kompaktnih laminata za vanjsku uporabu debljine 2 mm i više

prEN 438-7 en

High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 7: Compact laminate and HPL composite panels for internal and external wall and ceiling finishes

Visokotlačni dekorativni laminati (HPL) – Ploče na osnovi duromernih smola (uobičajeno se nazivaju laminati) – 7. dio: Kompaktni laminat i HPL kompozitne ploče za unutrašnji i vanjski zid i završnu obradu stropa

FprEN ISO 1628-5 en

Plastics – Determination of the viscosity of polymers in dilute solution using capillary viscometers – Part 5: Thermoplastic polyester (TP) homopolymers and copolymers (ISO 1628-5:1998)

FprEN ISO 9988-2 en

Plastics – Polyoxymethylene (POM) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 9988-2:2006)

prEN ISO 17855-2 rev en

Plastics – Polyethylene (PE) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO/DIS 17855-2:2014)

prEN ISO 19069-2 rev en

Plastics – Polypropylene (PP) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO/DIS 19069-2:2014)

FprEN ISO 22007-6 en

Plastics – Determination of thermal conductivity and thermal diffusivity – Part 6: Comparative method for low thermal conductivities using a temperature-modulation technique (ISO 22007-6:2014)

HZN/TO 532, *Dimnjaci*

prEN 16497-2 en

Chimneys – Concrete System Chimneys – Part 2: Balanced flue applications
Dimnjaci – Sustavi dimnjaka od betona – 2. dio – Primjena kod odzračnih sustava

HZN/TO 533, *Kolničke konstrukcije*

FprEN 12697-2 en

Bituminous mixtures – Test method – Part 2: Determination of particle size distribution
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 2. dio: Određivanje granulometrijskog sastava

FprEN 12697-4 en

Bituminous mixtures – Test methods – Part 4: Bitumen recovery: Fractionating column
Bitumenske mješavine – Metode ispitivanja – 4. dio: Izdvajanje bitumena: frakcijska kolona

prEN 12697-31 rev en

Bituminous mixtures – Test methods – Part 31: Specimen preparation by gyratory compactor
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 31. dio: Priprema uzorka kružnim zbijanjem

prEN 12697-35 en

Bituminous mixtures – Test methods – Part 35: Laboratory mixing
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 35. dio: Laboratorijsko miješanje

prEN 13285 rev en

Unbound mixtures – Specifications
Nevezane mješavine – Specifikacije

prEN 14187-9 en

Cold applied joint sealants – Test methods – Part 9: Function testing of joint sealants
Hladne brtvene mase – Ispitne metode – 9. dio: Ispitivanje učinkovitosti brtvenih masa

HZN/TO 534, *Spremnici za teret*

prEN 13160-1 rev en

Leak detection systems – Part 1: General principles
Sustavi za otkrivanje propuštanja – 1. dio: Opća načela

prEN 13160-2 rev en

Leak detection systems – Part 2: Requirements and test/assessment methods for pressure and vacuum systems
Sustavi za otkrivanje propuštanja – 2. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za tlačne i vakuumske sustave

prEN 13160-3 rev en

Leak detection systems – Part 3: Requirements and test/assessment methods for liquid systems for tanks
Sustavi za otkrivanje propuštanja – 3. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za tekućinske sustave za spremnike

prEN 13160-4 rev en

Leak detection systems – Part 4: Requirements and test/assessment methods for sensor based leak detection systems
Sustavi za otkrivanje propuštanja – 4. dio: Zahtjevi i metode ispitivanja/ocjenjivanja senzora za sustave otkrivanja propuštanja

prEN 13160-5 rev en

Leak detection systems – Part 5: Requirements and test/assessment methods for in-tank gauge systems and pressurised pipework systems
Sustavi za otkrivanje propuštanja – 5. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za sustave mjerača na spremniku i sustave cjevovoda pod tlakom

prEN 13160-6 en

Leak detection systems – Part 6: Sensors in monitoring wells
Sustavi za otkrivanje propuštanja – 6. dio: Senzori u oknima za kontrolu propuštanja

prEN 13160-7 rev en

Leak detection systems – Part 7: Requirements and test/assessment methods for interstitial spaces, leak detection linings and leak detection jackets
Sustavi za otkrivanje propuštanja – 7. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za međuprostore stijenki, otkrivanje propuštanja obloga i otkrivanje propuštanja dvostrukih plaštava

prEN ISO 21013-3 rev en
Cryogenic vessels – Pressure-relief accessories for cryogenic service – Part 3: Sizing and capacity determination (ISO/DIS 21013-3:2014)
Kriogeničke posude – Rasteretni pribor za kriogenični servis – 3. dio: Određivanje dimenzija i kapaciteta (ISO/DIS 21013-3:2014)

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

FprEN 12217 en
Doors – Operating forces – Requirements and classification
Vrata – Sile otvaranja i zatvaranja – Zahtjevi i razredba

prEN 14179-1 rev en
Glass in building – Heat soaked thermally toughened soda lime silicate safety glass – Part 1: Definition and description
Staklo u graditeljstvu – Toplinski prožeto, termički kaljeno, natrij kalcij silikatno, sigurnosno staklo – 1. dio: Definicija i opis

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

prEN ISO 1101 en
Geometrical product specifications (GPS) – Geometrical tolerancing – Tolerances of form, orientation, location and run-out (ISO/DIS 1011:2014)
Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Tolerancije oblika, orijentacije, smještaja i vrtnje (ISO/DIS 1011:2014)

prEN ISO 10360-12 en
Geometrical Product Specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 12: Articulated arm coordinate measurement machines (CMM) (ISO/DIS 10360-12:2014)

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

prEN 16777 en
Chemical disinfectants and antiseptics – Quantitative non-porous surface test without mechanical action for the evaluation of virucidal activity of chemical disinfectants used in the medical area – Test method and requirements (phase 2/step 2)
Kemijski dezinficijensi i antiseptici – Kvantitativni test na neporoznim površinama bez mehaničkog djelovanja za procjenu virucidne djelotvornosti kemijskih dezinficijensa koji se upotrebljavaju u medicini – Ispitna metoda i zahtjevi (faza 2/korak 2)

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

FprEN ISO 11011 en
Compressed air – Energy efficiency – Assessment (ISO 11011:2013)
Komprimirani zrak – Energijska učinkovitost – Ocjenjivanje (ISO 11011:2013)

ISO 14694:2003/Amd 1:2010 en
Industrial fans – Specifications for balance quality and vibration levels Amendment 1
Industrijski ventilatori – Značajke kvalitete uravnoteženja i razina vibracija Amandman 1

prEN ISO 15858 en
UV-C Devices – Safety information – Permissible human exposure (ISO/DIS 15858:2014)
UV-C uređaji – Sigurnosne informacije – Dopušteno izlaganje ljudi (ISO/DIS 15858:2014)

FprEN 16211 en
Ventilation for buildings – Measurement of air flows on site – Methods
Ventilacija u zgradama – Mjerenje protoka zraka na licu mjesta – Metode

prEN ISO 16890-2 en
Air filters for general ventilation – Part 2: Measurement of fractional efficiency and air flow resistance
Zračni filteri za opću ventilaciju – 2. dio: Mjerenja frakcijske efikasnosti i otpora protoka zraka

prEN ISO 18623-1 rev en
Air compressors and compressed air systems – Air compressors – Part 1: Safety requirements (ISO/DIS 18623-1:2014)
Zračni kompresori i komprimirani zračni sustavi – Zračni kompresori – 1. dio: Sigurnosni zahtjevi (ISO/DIS 18623-1:2014)

HZN/TO 544, *Strojni elementi*

FprEN 15048-1 rev en
Non-preloaded structural bolting assemblies – Part 1: General requirements
Konstrukcijski vijčani spojevi bez predopterećenja – 1. dio: Opći zahtjevi

HZN/TO 546, *Očuvanje kulturne baštine*

prEN 16782 en
Conservation of cultural heritage – Cleaning of porous inorganic materials – Laser cleaning techniques for cultural heritage

prEN 16790 en
Conservation of cultural heritage – Integrated pest management (IPM) for protection of cultural heritage

HZN/TO 548, *Konstrukcijski eurokodovi*

EN 1993-1-4:2006/FprA1 en
Eurocode 3: Design of steel structures – Part 1-4: General rules – Supplementary rules for stainless steels
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-4: Opća pravila – Dodatna pravila za nehrđajuće čelike

EN 1993-1-6:2007/FprA1 en
Eurocode 3: Design of steel structures – Part 1-6: Strength and Stability of Shell Structures
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija

EN 1993-4-1:2007/FprA1 en
Eurocode 3: Design of steel structures – Part 4-1: Silos
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-1: Silosi

EN 1993-4-2:2007/FprA1 en
Eurocode 3: Design of steel structures – Part 4-2: Tanks
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-2: Spremnici

HZN/TO 549, *Svjetlo i rasvjeta*

- prEN 15193-1 rev en
Energy performance of buildings – Module M9 – Energy requirements for lighting – Part 1: Specifications
Energijska svojstva zgrade – Modul M9 – Energijski zahtjevi za rasvjetu – 1.dio: Specifikacije
- prEN 16791 en
Quantifying irradiance for eye-mediated non-image forming effects of light in humans

HZN/TO 550, *Opskrba vodom*

- FprEN 1113 en
Sanitary tapware – Shower hoses for sanitary tapware for water supply systems of type 1 and type 2 – General technical specification
Sanitarne armature – Crijeva za tuš za sanitarne armature za vodoopskrbne sustave tipa 1 i tipa 2 – Opća tehnička specifikacija
- prEN 12897 rev en
Water supply – Specification for indirectly heated unvented (closed) storage water heaters
Opskrba vodom – Specifikacija za neizravno grijanje, neventilirane (zatvorene) akumulacijske grijalice za vodu
- FprEN 14368 en
Products used for treatment of water intended for human consumption – Manganese dioxide coated limestone
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Vapnenac obložen manganovim dioksidom
- FprEN 14369 en
Products used for treatment of water intended for human consumption – Iron-coated granular activated alumina
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Aktivna alumina u granulama prevučena željezom

HZN/TO 555, *Medicinski proizvodi*

- prEN ISO/IEC 80369-6 en
Small bore connectors for liquids and gases in healthcare applications – Part 6: Connectors for neuraxial applications (ISO/IEC/DIS 80369-6:2014)
Spojnici malog promjera za tekućine i plinove koji se upotrebljavaju u zdravstvu – 6. dio: Spojnici za neuroakcijalnu primjenu (ISO/IEC/DIS 80369-6:2014)

HZN/TO 557, *Zaštitna odjeća*

- prEN 388 en
Protective gloves against mechanical risks
Rukavice za zaštitu od mehaničkih rizika
- prEN 13138-4 en
Buoyant aids for swimming instruction – Part 4: Test manikin for in water performance testing of buoyant aids to be worn
Plutajuća pomagala za poduku plivanja – 4. dio: Lutka za ispitivanje svojstava u vodi plutajućih pomagala koja se oblače
- prEN ISO 13506-1 en
Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin (ISO/DIS 13506-1:2014)
Odjeća za zaštitu od topline i plamena – 1. dio: Metoda ispitivanja gotovih odjevnih predmeta – Mjerenje prolaza energije uporabom lutke s instrumentima (ISO/DIS 13506-1:2014)

- prEN 16778 en
Protective gloves – The determination of Dimethylformamide in gloves
Zaštitne rukavice – Određivanje dimetilformamida u rukavicama
- EN ISO 17491-4:2008/prA1 en
Protective clothing – Test methods for clothing providing protection against chemicals – Part 4: Determination of resistance to penetration by a spray of liquid (spray test) (ISO 17491-4:2008/DAM 1:2014)
Zaštitna odjeća – Ispitne metode za odjeću za zaštitu od kemikalija – 4. dio: Određivanje otpornosti na propuštanje raspršene tekućine (sprej test) (ISO 17491-4:2008/DAM 1:2014)

HZN/TO 558, *Zaštita dišnih putova*

- prEN 13794 rev en
Respiratory protective devices – Self-contained closed-circuit devices for escape – Requirements, testing and marking
Zaštitne naprave za disanje – Samostalni uređaji za spašavanje sa zatvorenim krugom – Zahtjevi, ispitivanje i označavanje

HZN/TO 559, *Zaporni, regulacijski i sigurnosni uređaji*

- prEN 19 en
Industrial valves – Marking of metallic valves
Industrijski ventili – Označavanje
- prEN ISO 4126-11 en
Safety devices for protection against excessive pressure – Part 11: Performance testing (ISO/DIS 4126-11:2014)

HZN/TO 560, *Tekstilni proizvodi*

- prEN 14065 en
Textiles – Laundry processed textiles – Biocontamination control system
Tekstil – Tekstil u postupku pranja – Sustav kontrole bioonečišćenja
- prEN 16779 en
Textile child care articles – Safety requirements and test methods for children's cot duvets – Part 1: Duvet (excluding duvet covers)
- prEN 16780 en
Textile child care articles – Safety requirements and test methods for children's cot bumpers
- prEN 16781 en
Textile child care articles – Safety requirements and test methods for children's sleep bags
- prEN ISO 17881-1 en
Determination of certain flame retardants – Part 1: Brominated flame retardants (ISO/DIS 17881-1:2014)
- prEN ISO 17881-2 en
Textiles – Determination of certain flame retardants – Part 2: Phosphorus flame retardants (ISO/DIS 17881-2:2014)

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

- prEN 1442 rev en
LPG equipment and accessories – Transportable refillable welded steel cylinders for LPG – Design and construction
Oprema i pribor za UNP – Prenosive, ponovno punjive, zavarene, čelične boce za UNP – Projektiranje i izrada

- EN 13445-1:2014 en
Unfired pressure vessels – Part 1: General
Neložene tlačne posude – 1. dio: Općenito
- EN 13445-1:2014/A1:2014 en
Unfired pressure vessels – Part 1: General
Neložene tlačne posude – 1. dio: Općenito
- EN 13445-2:2014 en
Unfired pressure vessels – Part 2: Materials
Neložene tlačne posude – 2. dio: Materijali
- EN 13445-3:2014 en
Unfired pressure vessels – Part 3: Design
Neložene tlačne posude – 3. dio: Projektiranje
- EN 13445-3:2014/FprA1 en
Unfired pressure vessels – Part 3: Design
Neložene tlačne posude – 3. dio: Projektiranje
- EN 13445-5:2014 en
Unfired pressure vessels – Part 5: Inspection and testing
Neložene tlačne posude – 5. dio: Pregled i ispitivanje
- prEN 13807 en
Transportable gas cylinders – Battery vehicles – Design, manufacture, identification and testing
Prenosive plinske boce – Baterije boca na vozilima – Projektiranje, proizvodnja, označivanje i ispitivanje
- prEN 14359 en
Gas-loaded accumulators for fluid power applications
Akumulacijski spremnici punjeni plinom za hidraulične pogonske sustave
- FprCEN/TS 16765 en
LPG equipment and accessories – Environmental considerations for CEN/TC 286 standards
Oprema i pribor za UNP – Razmatranja o okolišu za norme CEN/TC 286
- FprCEN/TS 16769 en
LPG equipment and accessories – Terminology
Oprema i pribor za UNP – Nazivlje
- FprEN ISO 25760 en
Gas cylinders – Operational procedures for the safe removal of valves from gas cylinders (ISO 25760:2009)
Plinske boce – Radni postupci za sigurno uklanjanje ventila s boca (ISO 25760:2009)

HZNTO 562, *Alatni strojevi i alati*

- EN 1870-17:2012/FprA1 en
Safety of woodworking machines – Circular sawing machines – Part 17: Manual horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws)
Sigurnost strojeva za obradu drveta – Kružne pile – 17. dio: Ručne horizontalne kružne pile s jednim listom (ručni radijalni nosač pile)
- prEN ISO 16090-1 en
Machine tools safety – Machining centres, Milling machines, Transfer machines – Part 1: Safety requirements (ISO/DIS 16090-1:2014)
- prEN ISO 16092-1 en
Machine tools safety – Presses – Part 1: General safety requirements (ISO/DIS 16092-1:2014)
- prEN 16770 en
Safety of woodworking machines – Chip and dust extraction systems for indoor installation – Safety requirements

HZNTO 563, *Sigurnost strojeva*

- prEN ISO 11111-1 en
Textile machinery – Safety requirements – Part 1: Common requirements (ISO/DIS 11111-1:2014)
Tekstilni strojevi – Sigurnosni zahtjevi – 1. dio: Opći zahtjevi (ISO/DIS 11111-1:2014)

HZNTO 566, *Mlijeko i mliječni proizvodi*

- prEN ISO 11816-2 en
Milk and milk products – Determination of alkaline phosphatase activity – Part 2: Fluorometric method for cheese (ISO/DIS 11816-2:2014)
Mlijeko i mliječni proizvodi – Određivanje aktivnosti alkalne fosfataze – 2. dio: Fluorometrijska metoda za sir (ISO/DIS 11816-2:2014)

HZNTO 571, *Sport, igrališta i ostali rekreacijski sadržaji i oprema*

- prEN 566 en
Mountaineering equipment – Slings – Safety requirements and test methods
Planinarska oprema – Produžne petlje – Sigurnosni zahtjevi i metode ispitivanja
- prEN 1176-1 rev en
Playground equipment and surfacing – Part 1: General safety requirements and test methods
Oprema za igrališta i igrališna površina – 1. dio: Opći sigurnosni zahtjevi i ispitne metode
- prEN 1176-2 rev en
Playground equipment and surfacing – Part 2: Additional specific safety requirements and test methods for swings
Oprema za igrališta i igrališna površina – 2. dio: Dodatni posebni sigurnosni zahtjevi za njihaljke
- prEN 1176-6 rev en
Playground equipment and surfacing – Part 6: Additional specific safety requirements and test methods for rocking equipment
Oprema za igrališta i igrališna površina – 6. dio: Dodatni posebni sigurnosni zahtjevi za ljuljačke
- EN 13089:2011/FprA1 en
Mountaineering equipment – Ice-tools – Safety requirements and test methods
Planinarska oprema – Oruđe za led – Sigurnosni zahtjevi i metode ispitivanja
- FprEN ISO 20957-9 en
Stationary training equipment – Part 9: Elliptical trainers; additional specific safety requirements and test methods (ISO/DIS 20957-9:2014)

HZNTO E9, *Električna oprema za željeznicu*

- EN 50500:2008/FprA1 en
Measurement procedures of magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure
Metode mjerenja razina magnetskih polja nastalih zbog elektroničkih i električnih uređaja u željezničkom okruženju u odnosu na ljudsku izloženost
- FprEN 61377:2014 en
Railway applications – Rolling stock – Combined testing of motors and their control system
Željezničke primjene – Željeznička vozila – Kombinirana ispitivanja motora i njihovog upravljačkog sustava

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

CLC/FprTS 50568-4:2014 en

Electricity metering data exchange – The DLMS/COSEM suite – Part 4: Physical Layer based on SMITP B-PSK modulation and SMITP Data Link Layer
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – 4. dio: Fizički sloj utemeljen na SMITP B-PSK modulaciji i SMITP povezivanju podataka

CLC/FprTS 50568-8:2014 en

Electricity metering data exchange – The DLMS/COSEM suite --Part 8: PLC profile based on SMITP B-PSK modulation – Including: The Original-SMITP PLC profile based on SMITP B-PSK modulation, The Original-SMITP Local data exchange profile and The Original-SMITP IP profile
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – 8. dio: PLC profil utemeljen na SMITP B-PSK modulaciji – Uključujući: Izvorni SMITP PLC profil utemeljen na SMITP B-PSK modulaciji, izvorni SMITP profil za lokalnu razmjenu podataka i izvorni SMITP IP profil

CLC/FprTS 50590:2014 en

Electricity metering data exchange – Lower layer PLC profile using adaptive multi-carrier spread spectrum for CX1 networks
Razmjena podataka mjerenja električne energije – Niži sloj PLC (Power Line Communication) profila koji koristi AMC-SS (Adaptive Multi-Carrier Spread Spectrum) tehniku za CX1 mreže

CLC/FprTS 52056-8-4:2014 en

Electricity metering data exchange – The DLMS/COSEM suite – Part 8-4: The narrow-band OFDM PLC profiles for PRIME networks
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 8-4: Uskopojasni OFDM (Orthogonal Frequency Division Multiplexing) PLC (Power Line Communication) profil za PRIME mreže

CLC/FprTS 52056-8-5:2014 en

Electricity metering data exchange – The DLMS/COSEM suite – Part 8-5: The narrow-band OFDM PLC profile for G3-PLC networks
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 8-5: Uskopojasni OFDM (Orthogonal Frequency Division Multiplexing) PLC (Power Line Communication) profil za G3-PLC mreže

CLC/FprTS 52056-8-7:2014 en

Electricity metering data exchange – The DLMS/COSEM suite – Part 8-7: The adaptive multi-carrier spread-spectrum PLC profile for CX1 networks
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 8-7: PLC (Power Line Communication) AMC-SS (Adaptive Multi-Carrier Spread Spectrum) komunikacijski profil za CX1 mreže

FprEN 62056-4-7:2014 en

Electricity metering data exchange – The DLMS/COSEM suite – Part 4-7: DLMS/COSEM transport layer for IP networks (IEC 62056-4-7:201X)

Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 4-7: DLMS/COSEM prijenosna razina za IP (Internet Protocol) mreže (IEC 62056-4-7:201X)

EN 62056-5-3:2014/FprA1:2014 en

Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer (IEC 62056-5-3:2013/am1:201X)
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 5-3: Sloj primjene DLMS/COSEM-a (IEC 62056-5-3:2013/am1:201X)

EN 62056-6-1:2013/FprA1:2014 en

Electricity metering data exchange – The DLMS/COSEM suite – Part 6-1: Object Identification System (OBIS) (IEC 62056-6-1:2013/am1:201X)
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/am1:201X)

EN 62056-6-2:2013/FprA1:2014 en

Electricity metering data exchange – The DLMS/COSEM suite – Part 6-2: COSEM interface classes (IEC 62056-6-2:2013/am1:201X)
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/am1:201X)

HZN/TO E23, *Električni instalacijski pribor*

EN 50250:2002/FprA1:2014 en

Conversion adaptors for industrial use
Pretvarački adapteri za primjenu u industriji

EN 62080:2009/FprA2:2014 en

Sound signalling devices for household and similar purposes (IEC 62080:2001/A2:201X)
Naprave za signaliziranje zvukom za kućanstvo i slične svrhe (IEC 62080:2001/A2:201X)

FprEN 62275:2014 en

Cable management systems – Cable ties for electrical installations (IEC 62275:2013, MOD)
Sustavi za vođenje kabela – Kabelske vezice za električne instalacije (IEC 62275:2013, MOD)

HZN/TO E31, *Eksplzivne atmosfere*

FprEN 60079-7:2014 en

Explosive atmospheres – Part 7: Equipment protection by increased safety “e” (IEC 60079-7:201X)
Eksplzivne atmosfere – 7. dio: Vrsta zaštite opreme povećana sigurnost “e” (IEC 60079-7:201X)

FprEN 60079-10-1:2014 en

Explosive atmospheres – Part 10-1: Classification of areas – Explosive gas atmospheres (IEC 60079-10-1:201X)
Eksplzivne atmosfere – Dio 10-1: Klasifikacija ugroženih prostora – Eksplzivne atmosfere plinova (IEC 60079-10-1:201X)

FprEN 60079-13 en

Explosive atmospheres – Part 13: Equipment protection by pressurized room “p” and artificially ventilated room “v” (IEC 60079-13)

prEN ISO 80079-20-2 en
Explosive atmospheres – Material characteristics –
Combustible dusts test methods
(ISO/DIS 80079-20-2:2014)

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

- EN 60061-1:1993/FprA53:2014 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/am53:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969/am53:201X)
- EN 60061-2:1993/FprA50:2014 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/am50:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za žarulje (IEC 60061-2:1969/am50:201X)
- EN 60061-3:1993/FprA51:2014 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/am51:201X)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična mjerila (IEC 60061-3:1969/am51:201X)
- EN 60630:1998/FprA7:2014/FprAA en
Maximum lamp outlines for incandescent lamps
Maksimalne konture za žarulje sa žarnom niti

HZN/TO E37, *Odvodnici prenapona*

- EN 60099-8:2011 en
Surge arresters – Part 8: Metal-oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kV (IEC 60099-8:2011)
Odvodnici prenapona – 8. dio: Metaloksidni odvodnici prenapona s vanjskim serijskim iskrištem (EGLA) za nadzemne prijenosne i distribucijske vodove sustava izmjenične struje napona većeg od 1 kV (IEC 60099-8:2011)
- EN 61643-311:2013 en
Components for low-voltage surge protective devices – Part 311: Performance requirements and test circuits for gas discharge tubes (GDT) (IEC 61643-311:2013)
Komponente prenaponskih zaštitnih naprava za niski napon – 311. dio: Izvedbeni zahtjevi i ispitni krugovi i metode za cijevi s izbojem u plinu (GDT) (IEC 61643-311:2013)
- EN 61643-312:2013 en
Components for low-voltage surge protective devices – Part 312: Selection and application principles for gas discharge tubes (IEC 61643-312:2013)
Komponente prenaponskih zaštitnih naprava za niski napon – 312. dio: Izbor i primjena načela za cijevi s izbojem u plinu (IEC 61643-312:2013)

HZN/TO E38, *Mjerni transformatori*

- FprEN 61869-14:2014 en
Instrument Transformers – Part 14: Specific Requirements for DC Current Transformers (IEC 61869-14:201X)
Mjerni transformatori – 14. dio: Posebni zahtjevi za istosmjerne strujne transformatore (IEC 61869-14:201X)

FprEN 61869-15:2014 en
Instrument Transformers – Part 15: Specific Requirements for DC Voltage Transformers (IEC 61869-15:201X)
Mjerni transformatori – 15. dio: Posebni zahtjevi za istosmjerne naponske transformatore (IEC 61869-15:201X)

HZN/TO E44, *Elektrotehnička sigurnost strojeva*

- FprEN 60204-1:2014 en
Safety of machinery – Electrical equipment of machines – Part 1: General requirements (IEC 60204-1:201X)
Sigurnost strojeva – Električna oprema strojeva – 1. dio: Opći zahtjevi (IEC 60204-1:201X)
- EN 62061:2005/FprA2:2014 en
Safety of machinery – Functional safety of safety-related electrical, Electronic and programmable electronic control systems (IEC 62061:2005/am2:201X)
Sigurnost strojeva – Funkcionalna sigurnost za električne, elektroničke i programibilne upravljačke sustave (IEC 62061:2005/am2:201X)

HZN/TO E45, *Nuklearna instrumentacija*

- EN 61839:2014 en
Nuclear power plants – Design of control rooms – Functional analysis and assignment (IEC 61839:2000)
Nuklearna elektrana – Projektiranje upravljačke sobe – Funkcionalna analiza i dodjela (IEC 61839:2000)
- EN 62566:2014 en
Nuclear power plants – Instrumentation and control important to safety – Development of HDL-programmed integrated circuits for systems performing category A functions (IEC 62566:2012)
Nuklearne elektrane – Instrumentacija i kontrola važna za sigurnost – Razvoj HDL programski integriranih krugova za sustave koji obavljaju funkcije kategorije A (IEC 62566:2012)

HZN/TO E55, *Žice za namote*

- FprEN 60317-31:2014 en
Specifications for particular types of winding wires – Part 31: Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180 (IEC 60317-31:201X)
Specifikacije pojedinih vrsta žica za namote – 31. dio: Nelakirana ili lakirana profilna bakrena žica, omotana staklenim vlaknima i impregnirana smolom ili lakom, indeksa temperature 180 (IEC 60317-31:201X)
- FprEN 60317-32:2014 en
Specifications for particular types of winding wires – Part 32: Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155 (IEC 60317-32:201X)
Specifikacije pojedinih vrsta žica za namote – 32. dio: Nelakirana ili lakirana profilna bakrena žica, omotana staklenim vlaknima i impregnirana smolom ili lakom, indeksa temperature 155 (IEC 60317-32:201X)
- FprEN 60317-33:2014 en
Specifications for particular types of winding wires – Part 33: Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200 (IEC 60317-33:201X)
Specifikacije pojedinih vrsta žica za namote – 33. dio: Nelakirana ili lakirana profilna bakrena žica, omotana staklenim vlaknima i impregnirana smolom ili lakom, indeksa temperature 200 (IEC 60317-33:201X)

FprEN 60317-39:2014 en

Specifications for particular types of winding wires
– Part 39: Glass-fibre braided resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180 (IEC 60317-39:201X)
Specifikacije pojedinih vrsta žica za namote – 39. dio: Nelakirana ili lakirana profilna bakrena žica, opletena staklenim vlaknima i impregnirana smolom ili lakom, indeksa temperature 180 (IEC 60317-39:201X)

FprEN 60317-40:2014 en

Specifications for particular types of winding wires
– Part 40: Glass-fibre braided resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200 (IEC 60317-40:201X)
Specifikacije pojedinih vrsta žica za namote – 40. dio: Nelakirana ili lakirana profilna bakrena žica, opletena staklenim vlaknima i impregnirana smolom ili lakom, indeksa temperature 200 (IEC 60317-40:201X)

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

EN 61850-7-410:2013/FprA1:2014 en

Communication networks and systems for power utility automation – Part 7-410: Basic communication structure – Hydroelectric power plants – Communication for monitoring and control (IEC 61850-7-410:2012/am1:201X)
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 7-410: Hidroelektrane – Komunikacije za nadzor i upravljanje (IEC 61850-7-410:2012/am1:201X)

EN 61970-456:2013/FprA1:2014 en

Energy management system application program interface (EMS-API) – Part 456: Solved power system state profiles (IEC 61970-456:2013/am1:201X)
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 456. dio: Riješeni profili stanja elektroenergetskog sustava (IEC 61970-456:2013/am1:201X)

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

CLC/FprTS 50594 en

Tumble dryers for commercial use – Methods for measuring the performance

CLC/FprTS 50640 en

Clothes washing machines for commercial use – Methods for measuring the performance

EN 60704-2-10:2011 en

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-10: Particular requirements for electric cooking ranges, ovens, grills, microwave ovens and any combination of these (IEC 60704-2-10:2011)
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-10: Posebni zahtjevi za električne štednjake, pećnice, roštilje, mikrovalne pećnice kao i pojedine kombinacije navedenih aparata (IEC 60704-2-10:2011)

EN 60704-2-13:2011 en

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-13: Particular requirements for range hoods (IEC 60704-2-13:2011)
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-13: Posebni zahtjevi za nape štednjaka (IEC 60704-2-13:2011)

EN 60704-2-14:2013/FprAA:2014 en

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-14: Posebni zahtjevi za hladnjake, komore za smrznutu hranu i zamrzivače

EN 61591:1997/A2:2011 en

Household range hoods and other cooking fume extractors – Methods for measuring performance (IEC 61591:1997/am2:2010)
Kućanske nape štednjaka i drugi uređaji za izvlačenje plinova izgaranja – Ispitne metode za mjerenje radnih značajka (IEC 61591:1997/am2:2010)

EN 61591:1997/FprAA en

Household range hoods and other cooking fume extractors – Methods for measuring performance
Kućanske nape štednjaka i drugi uređaji za izvlačenje plinova izgaranja – Ispitne metode za mjerenje radnih značajka

EN 62929:2014 en

Cleaning robots for household use – Dry cleaning: Methods of measuring performance (IEC 62929:2014)

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

FprEN 60335-2-39:2012 en

Household and similar electrical appliances – Safety – Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans (IEC 60335-2-39:2012)
Kućanski i slični električni aparati – Sigurnost – Dio 2-39: Posebni zahtjevi za ugostiteljske električne višenamjenske tave (IEC 60335-2-39:2012)

FprEN 60335-2-6:2013/FprAA:2014 en

Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-6: Posebni zahtjevi za nepomične štednjake, kuhala, pećnice i slične aparate

EN 60335-2-76:2005/FprAE:2014 en

Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers
Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde

EN 61770:2009/prAA:2014 en

Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets
Električni aparati spojeni na vodovod – Izbjegavanje povratnog usisa i otkaza cijevnog priključka

HZN/TO E62, *Električna oprema u medicinskoj praksi*

FprEN 60601-1-11:2014 en

Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment (IEC 60601-1-11:201X)
Medicinski električni uređaji – Dio 1-11: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Zahtjevi za medicinske električne uređaje i opremu za uporabu u kućnoj zdravstvenoj njezi (IEC 60601-1-11:201X)

- FprEN 60601-2-11:2012 en
Medical electrical equipment – Part 2-11: Particular requirements for the basic safety and essential performance of gamma beam therapy equipment (IEC 60601-2-11:2013)
Medicinska električna oprema – Dio 2-11: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke terapijske opreme s gama zrakama (IEC 60601-2-11:2013)
- EN 60601-2-16:201X en
Medical electrical equipment – Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment (IEC 60601-2-16:2012)
Medicinski električni uređaji – Dio 2-16: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za hemodijalizu, hemodijafiltriranje i hemofiltriranje (IEC 60601-2-16:2012)
- FprEN 60601-2-24:2012 en
Medical electrical equipment – Part 2-24: Particular requirements for basic safety and essential performance of infusion pumps and controllers (IEC 60601-2-24:2012)
Medicinski električni uređaji – Dio 2-24: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke infuzijskih crpka i njihovih kontrolera (IEC 60601-2-24:2012)
- FprEN 60601-2-26:2012 en
Medical electrical equipment – Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs (IEC 60601-2-26:2012)
Medicinska električna oprema – Dio 2-26: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke elektroencefalografa (IEC 60601-2-26:2012)
- EN 60601-2-27:2014 en
Medical electrical equipment – Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment (IEC 60601-2-27:2011)
Medicinski električni uređaji – Dio 2-27: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke elektrokardiografskih uređaja za nadzor (IEC 60601-2-27:2011)
- FprEN 60601-2-47:2011 en
Medical electrical equipment – Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems (IEC 60601-2-47:2012)
Medicinska električna oprema – Dio 2-47: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke ambulantnih elektrokardiografskih sustava (IEC 60601-2-47:2012)
- FprEN 60601-2-8:2010 en
Medical electrical equipment – Part 2-8: Particular requirements for the basic safety and essential performance of therapeutic X-ray equipment operating in the range 10 kV to 1 MV (IEC 60601-2-8:2010)
Medicinski električni uređaji – Dio 2-8: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke rendgenske terapijske opreme koja radi u području od 10 kV do 1 MV (IEC 60601-2-8:2010)
- EN 60601-2-8:2010/FprA1:2014 en
Medical electrical equipment – Part 2-8: Particular requirements for basic safety and essential performance of therapeutic X-ray equipment operating in the range 10 kV to 1 MV (IEC 60601-2-8:2010/am1:201X)
Medicinski električni uređaji – Dio 2-8: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke rendgenske terapijske opreme koja radi u području od 10 kV do 1 MV (IEC 60601-2-8:2010/am1:201X)
- EN 60731:2012/FprA1:2014 en
Medical electrical equipment – Dosimeters with ionization chambers as used in radiotherapy (IEC 60731:2011/am1:201X)
Medicinska električna oprema – Dozimetri s ionizacijskim komorama koji se upotrebljavaju u radioterapiji (IEC 60731:2011/am1:201X)
- FprEN 61675-2:2014 en
Radionuclide imaging devices – Characteristics and test conditions – Part 2: gamma cameras for planar imaging and spect imaging (IEC 61675-2:201X)
Radionuklidske naprave za snimanje – Značajke i ispitni uvjeti – 2. dio: Kamere s gama zrakama za slojevito snimanje i jednofotonsku emisijsku kompjutoriziranu tomografiju (Single photon emission computed tomography –SPECT) (IEC 61675-2:201X)
- EN 62304:2006/FprA1:2014 en
Medical device software – Software life-cycle processes (IEC 62304:2006/am1:201X)
Programske podrške medicinskih uređaja – Održavanje programske podrške za vrijeme životnog vijeka (IEC 62304:2006/am1:201X)
- FprEN 62570:2013 en
Standard practice for marking medical devices and other items for safety in the magnetic resonance environment (IEC 62570:2014)
Standardni postupak za označavanje medicinskih uređaja i drugih jedinica za sigurnost u okruženju opreme za magnetsku rezonanciju (IEC 62570:2014)
- FprEN 80601-2-60:2011 en
Medical electrical equipment – Part 2-60: Particular requirements for basic safety and essential performance of dental equipment (IEC 80601-2-60:2012)
Medicinska električna oprema – Dio 2-60: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke stomatološke opreme (IEC 80601-2-60:2012)
- FprEN 80601-2-71:2014 en
Medical electrical equipment – Part 2-71: Particular requirements for the basic safety and essential performance of functional Near-Infrared Spectroscopy (NIRS) equipment (IEC 80601-2-71:201X)
Medicinska električna oprema – Dio 2-71: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke funkcionalne opreme za spektroskopiju u bliskom infracrvenom području (NIRS) (IEC 80601-2-71:201X)

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

- EN 50191:2010 en
Erection and operation of electrical test equipment
Montaža i rukovanje električnom ispitnom opremom
prHD 60364-4-46:2014 en
Low-voltage electrical installations – Part 4-46: Protection for safety – Isolation and switching
prHD 60364-5-537:2014 en
Low voltage electrical installations – Part 5-53: Selection and erection of electrical equipment – Switchgear and controlgear – Clause 537: Isolation and switching
FprHD 60364-8-1:2014/FprAA:2014 en
Low-voltage electrical installations – Part 8-1: Energy efficiency

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

- FprEN 61003-1:2014 en
Industrial-Process control systems – Instruments with analogue inputs and two- or multi-position outputs – Part 1: Methods of evaluating the performance (IEC 61003-1:201X)
Sustavi za vođenje industrijskih procesa – Instrumenti s analognim ulazima i izlazima s dva ili više stanja – 1. dio: Metode ocjenjivanja izvedbe (IEC 61003-1:201X)
- FprEN 61003-2:2014 en
Industrial-Process control systems – Instruments with analogue inputs and two- or multi-position outputs – Part 2: Guidance for inspection and routine testing (IEC 61003-2:201X)
Sustavi za vođenje industrijskih procesa – Instrumenti s analognim ulazima i izlazima s dva ili više stanja – 2. dio: Uputa za inspekciju i rutinska ispitivanja (IEC 61003-2:201X)
- FprEN 61515:2014 en
Mineral insulated metal sheathed thermocouple cables and thermocouples (IEC 61515:201X)
Mineralnom tvari izolirani kabeli s metalnom zaštitom za termoparove i termoparovi (IEC 61515:201X)
- FprEN 61784-3:2014 en
Industrial communication networks – Profiles – Part 3: Functional safety fieldbuses – General rules and profile definitions (IEC 61784-3:201X)
Industrijske komunikacijske mreže – Profili – 3. dio: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Opća pravila i definicije profila (IEC 61784-3:201X)
- FprEN 61784-3-X:2014 en
Industrial communication networks – Profiles – Part 3-x: Functional safety fieldbuses – Additional specifications for CPF x (IEC 61784-3-X:201X)
Industrijske komunikacijske mreže – Profili – Dio 3-x: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Dodatne specifikacije za CPF x (IEC 61784-3-X:201X)
- FprEN 61987-13:2014 en
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 13: Lists of properties (LOP) for Pressure Measuring Equipment for electronic data exchange (IEC 61987-13:201X)
- FprEN 61987-21:2014 en
Industrial-Process Measurement and Control – Data Structures and Elements in Process Equipment Catalogues – Part 21: List of Properties (LOP) of automated valves for electronic data exchange – General structures (IEC 61987-21:201X)
- FprEN 61987-22:2014 en
Industrial-Process Measurement and Control – Data Structures and Elements in Process Equipment Catalogues – Part 22: Lists of Properties (LOP) of valve body assemblies for electronic data exchange (IEC 61987-22:201X)
- FprEN 61987-23:2014 en
Industrial-Process Measurement and Control – Data Structures and Elements in Process Equipment Catalogues – Part 23: Lists of Properties (LOP) of actuators for electronic data exchange (IEC 61987-23:201X)
- FprEN 61987-24-1:2014 en
Industrial-Process Measurement and Control – Data Structures and Elements in Process Equipment Catalogues – Part 24-1: Lists of Properties (LOP) of positioners for electronic data exchange (IEC 61987-24-1:201X)

- FprEN 62264-4:2014 en
Enterprise-Control System Integration – Part 4: Objects and attributes for manufacturing operations management integration (IEC 62264-4:201X)
Integracija sustava za vođenje poduzeća – 4. dio: Ciljevi i značajke za integraciju upravljanja proizvodnim postupcima (IEC 62264-4:201X)
- FprEN 62439-X:2014 en
Industrial communication networks – High availability automation networks (IEC 62439-X:201X)
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti (IEC 62439-X:201X)
- FprEN 62591:2014 en
Industrial communication networks – Wireless communication network and communication profiles – WirelessHART (IEC 62591:201X)
Industrijske komunikacijske mreže – Bežična komunikacijska mreža i komunikacijski profili – WirelessHART™ (IEC 62591:201X)
- FprEN 62601:2014 en
Industrial communication networks – Wireless communication network and communication profiles – WIA-PA (IEC 62601:201X)
Industrijske komunikacijske mreže – Bežična komunikacijska mreža i komunikacijski profili – WIA-PA (Wireless network for Industrial Automation – Process Automation) (IEC 62601:201X)

HZN/TO E79, *Alarmni sustavi*

- FprEN 60839-11-2:2014 en
Alarm and electronic security systems – Part 11-2: Electronic access control systems – Application guidelines (IEC 60839-11-2:2014)
- FprEN 62676-4:2014 en
Video surveillance systems for use in security applications – Part 4: Application guidelines (IEC 62676-4:2014)

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

- FprEN 61174:2014 en
Maritime navigation and radiocommunication equipment and system – Electronic chart display and information system (ECDIS) – Operational and performance requirements, methods of testing and required test results (IEC 61174:201X)
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Elektroničke karte s informacijskim sustavom (ECDIS) – Radni i izvedbeni zahtjevi, metode ispitivanja i zahtjevani rezultati ispitivanja (IEC 61174:201X)

HZN/TO E88, *Vjetroagregati*

- EN 61400-22:2011 en
Wind turbines – Part 22: Conformity testing and certification (IEC 61400-22:2010)
- EN 61400-25-6:2011 en
Wind turbines – Part 25-6: Communications for monitoring and control of wind power plants – Logical node classes and data classes for condition monitoring (IEC 61400-25-6:2010)

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

- CLC/TR 50083-2-2:2014 en
Cable networks for television signals, sound signals and interactive services – Part 2-2: Interference issues for DVB-T reception in the presence of LTE base station signals

CLC/TS 50083-3-3:2014 en
Cable networks for television signals; sound signals and interactive services – Part 3-3: Active wideband equipment for cable networks – Methods of measurement of the maximum operating output level in the return path

FprEN 60728-5:2014 en
Cable networks for television signals, sound signals and interactive services – Part 5: Headend equipment (IEC 60728-5:201X)
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 5. dio: Oprema glavne postaje (IEC 60728-5:201X)

FprEN 60728-11:2014 en
Cable networks for television signals sound signals and interactive services – Part 11: Safety (IEC 60728-11:201X)
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 11. dio: Sigurnost (IEC 60728-11:201X)

FprEN 62680-1-1:2014 en
Universal Serial Bus interfaces for data and power – Part 1-1: Universal Serial Bus interfaces – Common components – USB Battery Charging Specification, Revision 1.2 (TA 14) (IEC 62680-1-1:201X)

FprEN 62680-2-1:2014 en
Universal Serial Bus interfaces for data and power – Part 2-1: Universal Serial Bus Specification, Revision 2.0 (TA 14) (IEC 62680-2-1:201X)

FprEN 62680-2-2:2014 en
Universal Serial Bus interfaces for data and power – Part 2-2: Universal Serial Bus – Micro-USB Cables and Connectors Specification, Revision 1.01 (TA 14) (IEC 62680-2-2:201X)

FprEN 62680-2-3:2014 en
Universal Serial Bus interfaces for data and power – Part 2-3: Universal Serial Bus Cables and Connectors Class Document, Revision 2.0 (TA 14) (IEC 62680-2-3:201X)

FprEN 62767-1:2014 en
Air interface protocol for local broadcasting – Part 1: Uni-directional multilingual broadcasting (TA 4) (IEC 62767-1:201X)
Protokol zračnog sučelja za lokalnu radiodifuziju – 1. dio: Jednosmjerna višezjezična radiodifuzija (TA 4) (IEC 62767-1:201X)

FprEN 62842:2014 en
File allocation system with minimized reallocation for multimedia home server (TA 8) (IEC 62842:201X)

HZNTO E112, *Procjena i značajke električnih izolacijskih materijala i sustava*

FprEN 61251:2014 en
Electrical insulating materials – A.C. voltage endurance evaluation (IEC 61251:201X)
Električni izolacijski materijali – Ocjenjivanje izdržljivosti prema djelovanju izmjeničnog napona – Uvod (IEC 61251:201X)

FprEN 62631-3-1:2014 en
Dielectric and resistive properties of solid insulating materials – Part 3-1: Determination of resistive properties (DC Methods) – Volume resistance and volume resistivity, general method (IEC 62631-3-1:201X)

FprEN 62631-3-2:2014 en
Dielectric and resistive properties of solid insulating materials – Part 3-2: Determination of resistive properties (DC Methods) – Surface resistance and surface resistivity (IEC 62631-3-2:201X)

FprEN 62631-3-3:2014 en
Dielectric and resistive properties of solid insulating materials – Part 3-3: Determination of resistive properties (DC Methods) – Insulation resistance (IEC 62631-3-3:201X)

HZNTO E500, *Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama*

FprEN 55011:2014 (fragment 1) en
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement – Fraction project f1: Supplement of CISPR 11 with emission requirements for Grid Connected Power Converters (GCPC) (CISPR 11:201X (fragment 1))
Industrijski, znanstveni i medicinski (ISM) radiofrekvencijski uređaji – Značajke radiosmetnja – Granice i mjerne metode – Dio projekta f1: Dopuna CISPR 11 sa zahtjevima za emisije pretvarača snage priključene na mrežu (CISPR 11:201X (fragment 1))

FprEN 55011:2014 (fragment 2) en
Industrial, scientific and medical equipment – Radio frequency disturbance characteristics – Limits and methods of measurement – Fraction project f2: General maintenance (GM) for CISPR 11 Ed.5.1 (2010) (CISPR 11:201X (fragment 2))
Industrijski, znanstveni i medicinski (ISM) radiofrekvencijski uređaji – Značajke radiosmetnja – Granice i mjerne metode – Dio projekta f2: Opće održavanje za CISPR 11 Ed.5.1 (2010) (CISPR 11:201X (fragment 2))

FprEN 55011:2013 (fragment 3) en
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement – Supplement of CISPR 11 with the APD method and associated limits for assessment of fluctuating RF disturbances in the range above 1 GHz (CISPR 11:201X (fragment 3))
Industrijski, znanstveni i medicinski radiofrekvencijski uređaji – Značajke radiosmetnja – Granice i mjerne metode – Dodatak CISPR 11 s APD metodom i pridruženim granicama za procjenu promjene RF smetnja u području iznad 1 GHz (CISPR 11:201X (fragment 3))

FprEN 55011:2014 (fragment 4) en
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement – Fraction project f4: General maintenance (GM) for CISPR 11 Ed.5.1 (2010) (CISPR 11:201X (fragment 4))
Industrijski, znanstveni i medicinski (ISM) radiofrekvencijski uređaji – Značajke radiosmetnja – Granice i mjerne metode – Dio projekta f4: Opće održavanje za CISPR 11 Ed.5.1 (2010) (CISPR 11:201X (fragment 4))

FprEN 55011:2014 (fragment 5) en
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement – Fraction project f5: Supplement of CISPR 11 with emission requirements for Grid Connected Power Converters (GCPC), Here: Requirements for GCPCs with > 20 kVA rated throughput power (CISPR 11:201X (fragment 5))
Industrijski, znanstveni i medicinski (ISM) radiofrekvencijski uređaji – Značajke radiosmetnja – Granice i mjerne metode – Dopuna CISPR 11 sa zahtjevima za emisije pretvarača snage priključene na mrežu: Ovdje: Zahtjevi za pretvarače s nazivnom propusnom snagom > 20 kVA (CISPR 11:201X (fragment 5))

EN 55016-1-1:2010/A2:2014 en
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-1: Radio disturbance and immunity measuring apparatus – Measuring apparatus
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 1-1: Uređaji za mjerenje radiosmetnja i otpornosti – Mjerni uređaji

EN 55016-1-1:2010/FprA3:2014 en
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-1: Radio disturbance and immunity measuring apparatus – Measuring apparatus (CISPR 16-1-1:2010/am3:201X)
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 1-1: Uređaji za mjerenje radiosmetnja i otpornosti – Mjerni uređaji (CISPR 16-1-1:2010/am3:201X)

EN 55016-1-2:2014 en
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-2: Radio disturbance and immunity measuring apparatus – Coupling devices for conducted disturbance measurements, (CISPR 16-1-2:2014)
Specifikacija uređaja i metoda za mjerenje radiosmetnja i otpornosti – Dio 1-2: Uređaji za mjerenje radiosmetnja i otpornosti – Vezni uređaji za mjerenja emisije vođenih smetnji (CISPR 16-1-2:2014)

EN 55024:2010/FprA1:2014 en
Information technology equipment – Immunity characteristics – Limits and methods of measurement (CISPR 24:2010/am1:201X)
Uređaji informacijske tehnologije – Značajke otpornosti – Granice i metode mjerenja (CISPR 24:2010/am1:201X)

FprEN 55032:2013 (fragment 1) en
Electromagnetic compatibility of multimedia equipment – Emission requirements (CISPR 32:201X (fragment 1))
Elektromagnetska kompatibilnost multimedijske opreme – Zahtjevi za emisiju (CISPR 32:201X (fragment 1))

FprEN 55032:2013 (fragment 2) en
Electromagnetic compatibility of multimedia equipment – Emission requirements (Test channels for broadcast receivers) (CISPR 32:201X (fragment 2))
Elektromagnetska kompatibilnost multimedijske opreme – Zahtjevi za emisiju (Ispitni kanali za radiodifuzne prijamnike) (CISPR 32:201X (fragment 2))

FprEN 55032:2013 (fragment 3) en
Electromagnetic compatibility of multimedia equipment – Emission requirements (Measurement uncertainty) (CISPR 32:201X (fragment 3))
Elektromagnetska kompatibilnost multimedijske opreme – Zahtjevi za emisiju (Mjerna nesigurnost) (CISPR 32:201X (fragment 3))

FprEN 55032:2013 (fragment 4) en
Electromagnetic compatibility of multimedia equipment – Emission requirements (Fully anechoic Room measurement techniques) (CISPR 32:201X (fragment 4))
Elektromagnetska kompatibilnost multimedijske opreme – Zahtjevi za emisiju (Mjerne tehnike u potpuno reflektirajućoj komori) (CISPR 32:201X (fragment 4))

FprEN 55032:2013 (fragment 5) en
Electromagnetic compatibility of multimedia equipment – Emission requirements (Other test methods for radiated emissions) (CISPR 32:201X (fragment 5))
Elektromagnetska kompatibilnost multimedijske opreme – Zahtjevi za emisiju (Druge ispitne metode za zračene smetnje) (CISPR 32:201X (fragment 5))

EN 61000-3-2:2014 en
Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2:2014)
Elektromagnetska kompatibilnost (EMC) – Dio 3-2: Granice – Granice za harmoničke strujne emisije (za ulazne struje uređaja ≤ 16 A po fazi) (IEC 61000-3-2:2014)

HZN/TO E501, *Elektroakustika i ultrazvuk*

FprEN 60645-1:2011 en
Electroacoustics – Audiometric equipment – Part 1: Equipment for pure-tone audiometry (IEC 60645-1:2012)
Elektroakustika – Mjerila sluha – 1. dio: Mjerila sluha s čistim tonom (IEC 60645-1:2012)

FprEN 61260-2:2014 en
Electroacoustics – Octave-band and fractional-octave-band filters – Part 2: Pattern-evaluation tests (IEC 61260-2:201X)
Elektroakustika – Oktavni i pojasni filtri s proporcionalnim širinama pojasa – 2. dio: Ispitivanje prijenosnih karakteristika (IEC 61260-2:201X)

FprEN 61260-3:2014 en
Electroacoustics – Octave-band and fractional-octave-band filters – Part 3: Periodic tests (IEC 61260-3:201X)
Elektroakustika – Oktavni i pojasni filtri s proporcionalnim širinama pojasa – 3. dio: Periodična ispitivanja (IEC 61260-3:201X)

HZN/TO T4, *Normizacija u telekomunikacijama*

EN 301 908-18 V7.1.2:2014 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)

EN 302 065-1 V1.3.1:2014 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) using Ultra Wide Band technology (UWB) – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 1: Requirements for Generic UWB applications
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) koji upotrebljavaju ultra širokopojasnu tehnologiju (UWB) – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 1. dio: Zahtjevi za generičke ultra širokopojasne primjene

EN 302 065-2 V1.1.1:2014 en
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) using Ultra Wide Band technology (UWB) – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 2: Requirements for UWB location tracking
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) koji upotrebljavaju ultra širokopojasnu tehnologiju (UWB); Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 2. dio: Zahtjevi za praćenje lokacije primjenom ultra širokopojasne (UWB) tehnologije

EN 302 065-3 V1.1.1:2014 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 3: Requirements for UWB devices for road and rail vehicles
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) koji upotrebljavaju ultra širokopojasnu tehnologiju (UWB) – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 3. dio: Zahtjevi za ultra širokopojasne (UWB) uređaje za cestovna i željeznička vozila

EN 302 099 V2.1.1:2014 en

Environmental Engineering (EE) – Powering of equipment in access network
Ekoinženjering (EE) – Napajanje uređaja u pristupnoj mreži

EN 302 636-1 V1.2.1:2014 en

Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 1: Requirements
Inteligentni transportni sustavi (ITS) – Komunikacije između vozila – Geomrežavanje – 1. dio: Zahtjevi

EN 302 885-2 V1.2.2:2014 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prijenosna radiotelefonska oprema vrlo visoke frekvencije (VHF) za pomorsku pokretnu službu koja radi u VHF pojasima sa integriranim dlanovnikom razreda D DSC – 2. dio: Harmonizirana europska EN norma obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE

EN 302 885-3 V1.2.2:2014 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Part 3: Harmonized EN covering the essential requirements of article 3.3(e) of the R&TTE Directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prijenosna radiotelefonska oprema vrlo visoke frekvencije (VHF) za pomorsku pokretnu službu koja radi u VHF pojasima sa integriranim dlanovnikom razreda D DSC – 3. dio: Harmonizirana europska EN norma obuhvaća bitne zahtjeve iz članka 3.3(e) direktive R&TTE

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

prEN 16775 en

Expertise services – General requirements for expertise services

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

prEN 16785 en

Bio-based products – Determination of the bio-based content using the radiocarbon analysis and elemental analysis
Proizvodi na biološkoj osnovi – Određivanje biološkog sadržaja analizom radioaktivnog ugljika i elementarnom analizom

HZN/TU I2, *Strojarstvo 2*

prEN 16774 en

Safety of machinery – Safety requirements for steel converter and associated equipment
Sigurnost strojeva – Sigurnosni zahtjevi za čelične konvertere i pripadajuću opremu

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

prEN ISO 1135-3 en

Transfusion equipment for medical use – Part 3: Blood-taking sets for single use (ISO/DIS 1135-3:2014)
Oprema za transfuziju za medicinsku primjenu – 3. dio: Setovi za uzimanje krvi za jednokratnu upotrebu (ISO/DIS 1135-3:2014)

prEN ISO 7198 en

Cardiovascular implants and extracorporeal systems – Vascular Prostheses – Tubular vascular grafts and vascular patches (ISO/DIS 7198:2014)
Kardiovaskularni implantati i ekstrakorporalni sustavi – Vaskularne proteze – Vaskularni presadci u obliku cjevčice i vaskularne zakrpe (ISO/DIS 7198:2014)

FprEN ISO 7439 rev en

Copper-bearing contraceptive intrauterine devices – Requirements and tests (ISO/FDIS 7439:2014)
Kontracepcijski intrauterini ulošci s bakrom – Zahtjevi i ispitivanja (ISO/FDIS 7439:2014)

prEN ISO 8362-2 en

Injection containers and accessories – Part 2: Closures for injection vials (ISO/DIS 8362-2:2014)
Posude za injekcije i pribor – 2. dio: Zatvarači za injekcijske bočice (ISO/DIS 8362-2:2014)

prEN ISO 8537 en

Sterile single-use syringes, with or without needle, for insulin (ISO/DIS 8537:2014)
Sterilne jednokratne šprice, sa iglom ili bez igle, za inzulin (ISO/DIS 8537:2014)

FprEN ISO 11608-1 en

Needle-based injection systems for medical use – Requirements and test methods – Part 1: Needle-based injection systems (ISO/FDIS 11608-1:2014)
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 1. dio: Injekcijski sustavi s iglom (ISO/FDIS 11608-1:2014)

prEN ISO 17509 en

Dentistry – Torque transmitter for handpieces used for implantation (ISO/DIS 17509:2014)
Stomatologija – Zakretni držak za instrumente za postavljanje implantata (ISO/DIS 17509:2014)

prEN ISO 18397 rev en

Dentistry – Powered scaler (ISO/DIS 18397:2014)
Stomatologija – Uređaji za skidanje kamenca (ISO/DIS 18397:2014)

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

EN 2032-001:2014 en

Aerospace series – Metallic materials – Part 001: Conventional designation

EN 2512:2014 en

Aerospace series – Aluminium alloy
AL-P7175 – T7351 – Plate – 6mm < a ≤ 100 mm

EN 3268:2014 en

Aerospace series – Pipe coupling 8°30' in titanium alloy – Pressure plugs
Nizovi o zrakoplovstvu – Cijevni priključak 8°30' od legure titana – Utikači pod tlakom

- EN 3631:2014 en
Aerospace series – Fluid fittings, flanged, 90°
elbowed – Sealing by O-ring for 0,8 mm thick tubes
Nizovi o zrakoplovstvu – Brtve za fluide, s
priрубnicom, ravne, s koljenom od 90° – Brtvljenje s
O-prstenom za cijevi debljine stijenke 0,8 mm
- EN 3635:2014 en
Aerospace series – Weld lip – Geometrical
configuration
Nizovi o zrakoplovstvu – Zavarivanje rubova –
Geometrijska konfiguracija
- EN 3773-001:2014 en
Aerospace series – Circuit breakers, single-pole,
temperature compensated, rated currents 1 A to
25 A – Part 001: Technical specification
- EN 3774-001:2014 en
Aerospace series – Circuit breakers, three-pole,
temperature compensated, rated currents 1 A to
25 A – Part 001: Technical specification
Nizovi o zrakoplovstvu – Automatski osigurači,
tropolni, temperaturno kompenzirani, nazivnih struja
1 A do 25 A – 001. dio: Tehnička specifikacija
- EN 4551:2014 en
Aerospace series – Pipe coupling, 37°, in heat
resisting steel – Swivel nuts – Inch series
Nizovi o zrakoplovstvu – Cijevni priključak 37°, od
čelika otpornog na toplinu – Obrtne matice – Nizovi
u inčima
- EN 4686:2014 en
Aerospace series – Pipe coupling 8°30' in titanium
alloy – Equipped blind ferrules
- prEN ISO 11243 en
Cycles – Luggage carriers for bicycles –
Requirements and test methods (ISO/DIS
11243:2014)
- EN 15918:2011+A1:2013/prA2 en
Cycles – Cycle trailers – Safety requirements and
test methods
Bicikli – Prikolice za bicikle – Sigurnosni zahtjevi i
metode ispitivanja
- EN 16230-1:2013/FprA1 en
Leisure karts – Part 1: Safety requirements and test
methods for karts
Automobili za zabavu – 1. dio: Posebni sigurnosni
zahtjevi i metode ispitivanja za automobile za
zabavu

HZNTU U1, Opća elektrotehnika 1

- EN 50436-2:2014/FprAA:2014 en
Alcohol interlocks – Test methods and performance
requirements – Part 2: Instruments having a
mouthpiece and measuring breath alcohol for
general preventive use
Blokada u slučaju alkoholiziranosti – Metode
ispitivanja i izvedbeni zahtjevi – 2. dio: Instrumenti s
usnikom za mjerenje alkoholiziranosti namijenjeni za
opću preventivnu uporabu
- CLC/TS 50574-2:2014 en
Collection, logistics & treatment requirements for
end-of-life household appliances containing volatile
fluorocarbons or volatile hydrocarbons – Part 2:
specification for de-pollution
- CLC/FprTS 50625-3-1 en
Collection, logistics & treatment requirements for
WEEE – Part 3-1: Specification for de-pollution –
General
- EN 60068-1:2014 en
Environmental testing – Part 1: General and
guidance (IEC 60068-1:2013)
Ispitivanje utjecaja okoliša – 1. dio: Općenito i upute
(IEC 60068-1:2013)

- EN 60127-1:2006/FprA2:2014 en
Miniature fuses – Part 1: Definitions for miniature
fuses and general requirements for miniature fuse-
links (IEC 60127-1:2006/am2:201X)
Minijturni osigurači – 1. dio: Definicije za
minijturne osigurače i opći zahtjevi za minijturne
rastalne uloške (IEC 60127-1:2006/am2:201X)
- FprEN 60375:2014 en
Conventions concerning electric and magnetic
circuits (IEC 60375:201X)
Konvencije o električnim i magnetskim krugovima
(IEC 60375:201X)
- FprEN 60691 en
Thermal-links – Requirements and application guide
(IEC 60691)
Toplinski zaštitni ulošci – Zahtjevi i uputa za primjenu
(IEC 60691)
- FprEN 60974-6:2014 en
Arc welding equipment – Part 6: Limited duty
equipment (IEC 60974-6:201X)
Oprema za elektroločno zavarivanje – 6. dio:
Oprema s ograničenim radnim ciklusom
(IEC 60974-6:201X)
- EN 60974-10:2014/FprA1 en
Arc welding equipment – Part 10: Electromagnetic
compatibility (EMC) requirements
(IEC 60974-10:2014/am1:201X)
Oprema za elektroločno zavarivanje – 10. dio:
Zahtjevi za elektromagnetsku kompatibilnost (EMC)
(IEC 60974-10:2014/am1:201X)
- FprEN 61788-21:2014 en
Superconductivity – Part 21: Superconducting wires
– Test Methods for Practical Superconducting Wires
General Characteristics and Guidance
(IEC 61788-21:201X)
Supravodljivost – 21. dio: Supravodljive žice -
Metode ispitivanja za primjenljive supravodljive žice,
opće karakteristike i upute (IEC 61788-21:201X)
- FprEN 62135-1:2014 en
Resistance welding equipment – Part 1: Safety
requirements for design, manufacture and
installation (IEC 62135-1:201X)
Oprema za elektrootporno zavarivanje – 1. dio:
Sigurnosni zahtjevi za projektiranje, proizvodnju i
instaliranje (IEC 62135-1:201X)
- FprEN 62135-2:2014 en
Resistance welding equipment – Part 2:
Electromagnetic compatibility (EMC) requirements
(IEC 62135-2:201X)
Oprema za elektrootporno zavarivanje – 2. dio:
Zahtjevi za elektromagnetsku kompatibilnost (EMC)
(IEC 62135-2:201X)

HZNTU V1, Elektronika 1

- EN 50411-3-1:2012 en
Fibre organisers and closures to be used in
optical fibre communication systems – Product
specifications – Part 3-1: Fibre management system,
splice wall box, for category C & G
- EN 50530:2010/A1:2013 en
Overall efficiency of grid connected photovoltaic
inverters
- prEN 50583-2:2014 en
Photovoltaics in buildings – Part 2: Systems
- EN 50599:2014 en
Generic cabling systems – Specification for the
testing of balanced communication cabling in
accordance with EN 50173-4 – Screened straight
patch cords and straight work area cords for class D
applications – Detail specification

- EN 50601:2014 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with EN 50173-4 – Unscreened straight patch cords and straight work area cords for class D applications – Detail specification
- EN 50602:2014 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with EN 50173-4 – Unscreened straight patch cords and straight work area cords for class E applications – Detail specification
- EN 50603:2014 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with EN 50173-4 – Screened straight patch cords and straight work area cords for class E applications – Detail specification
- CLC/FprTR 50627:2014 en
Study Report on Electromagnetic Interference between Electrical Equipment/Systems in the Frequency Range Below 150 kHz Ed. 2
- EN 60115-2:2014 en
Fixed resistors for use in electronic equipment – Part 2: Sectional specification: Leaded fixed low power film resistors (IEC 60115-2:2014)
- EN 60115-2:2014/FprAA:2014 en
Fixed resistors for use in electronic equipment – Part 2: Sectional specification: Leaded fixed low power film resistors
- FprEN 60115-8-1:2014 en
Fixed resistors for use in electronic equipment – Part 8-1: Blank detail specification: Fixed surface mount (SMD) low power film resistors for general electronic equipment, classification level G (IEC 60115-8-1:201X)
- FprEN 60384-1:2014 en
Fixed capacitors for use in electronic equipment – Part 1: Generic specification (IEC 60384-1:201X)
- EN 60512-24-1:2012 en
Connectors for electronic equipment – Tests and measurements – Part 24-1: Magnetic interference tests – Test 24a: Residual magnetism (IEC 60512-24-1:2010)
- FprEN 60539-1:2014 en
Directly heated negative temperature coefficient thermistors – Part 1: Generic specification (IEC 60539-1:201X)
- EN 60556:2006/FprA1:2014 en
Gyromagnetic materials intended for application at microwave frequencies Measuring methods for properties (IEC 60556:2006/am1:201X)
- EN 60747-5-5:2011/FprA1:2014 en
Semiconductor devices – Discrete devices – Part 5-5: Optoelectronic devices – Photocouplers (IEC 60747-5-5:2007/am1:2013)
- FprEN 60875-1:2014 en
Fibre optic interconnecting devices and passive components – Non-wavelength-selective fibre optic branching devices – Part 1: Generic specification (IEC 60875-1:201X)
- FprEN 60966-2-4:2014 en
Cable assemblies – Part 2-4: Detail specification for cable assemblies for radio and TV receivers – Frequency range 0 MHz to 3 000 MHz, IEC 61169-2 connectors (IEC 60966-2-4:201X)
- FprEN 60966-2-5:2014 en
Cable assemblies – Part 2-5: Detail specification for cable assemblies for radio and TV receivers – Frequency range 0 MHz to 1 000 MHz, IEC 61169-2 connectors (IEC 60966-2-5:201X)
- FprEN 61010-2-040:2014 en
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-040 Particular requirements for sterilizers and washer-disinfectors used to treat medical materials (IEC 61010-2-040:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-040: Posebni zahtjevi za sterilizatore i perlice za raskuživanje koje se koriste (upotrebljavaju) za obradu medicinskih tvari (IEC 61010-2-040:201X)
- FprEN 61010-031:2014 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test (IEC 61010-031:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 031: Sigurnosni zahtjevi za ručne sonde za električna mjerenja i ispitivanja (IEC 61010-031:201X)
- EN 61169-42:2013 en
Radio-frequency connectors – Part 42: Sectional specification for CQN series quick lock RF coaxial connectors (IEC 61169-42:2013)
- FprEN 61169-47 en
Radio-frequency connectors – Part 47: Sectional specification for radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick)
- FprEN 61169-52 en
Radio-frequency connectors – Part 52: Sectional specification for series MMCX RF coaxial connectors (IEC 61169-52)
- EN 61182-2-2:2012 en
Printed board assembly products – Manufacturing description data and transfer methodology – Part 2-2: Sectional requirements for implementation of printed board fabrication data description (IEC 61182-2-2:2012)
- FprEN 61189-3-719:2014 en
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 3-719: Test methods for interconnection structures (printed boards) – Monitoring of single plated-through hole (PTH) resistance change during thermal cycling (IEC 61189-3-719:201X)
- EN 61193-3:2013 en
Quality assessment systems – Part 3: Selection and use of sampling plans for printed board and laminate end-product and in-process auditing (IEC 61193-3:2013)
- FprEN 61290-1-3:2014 en
Optical amplifiers – Test methods – Part 1-3: Optical power and gain parameters – Optical power meter method (IEC 61290-1-3:201X)
- EN 61300-3-47:2014 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-47: Examinations and measurements – End face geometry of PC/APC spherically polished ferrules using interferometry (IEC 61300-3-47:2014)
- FprEN 61340-2-1:2014 en
Electrostatics – Part 2-1: Measurement methods – Ability of materials and products to dissipate static electric charge (Proposed horizontal standard) (IEC 61340-2-1:201X)
- EN 61340-4-4:2012 en
Electrostatics – Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC) (IEC 61340-4-4:2012)

FprEN 61340-4-7:2014 en
Electrostatics – Part 4-7: Standard test methods for specific applications – Ionization (IEC 61340-4-7:201X)

FprEN 61340-4-9:2014 en
Electrostatics – Part 4-9: Standard test methods for specific applications – Garments (IEC 61340-4-9:201X)

EN 61340-5-3:2010 en
Electrostatics – Part 5-3: Protection of electronic devices from electrostatic phenomena – Properties and requirements classifications for packaging intended for electrostatic discharge sensitive devices (IEC 61340-5-3:2010)

EN 61587-5:2014 en
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 – Part 5: Seismic tests for chassis, subracks and plug-in units (IEC 61587-5:2013)

EN 61753-041-2:2014 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 041-2: Non-connectorized single-mode OTDR reflecting device for category C – Controlled environment (IEC 61753-041-2:2014)

FprEN 61753-382-2:2014 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 382-2: Non-connectorized single-mode bidirectional G-PON-NGA WDM devices for category C – controlled environment (IEC 61753-382-2:201X)

EN 61754-20:2012 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 20: Type LC connector family (IEC 61754-20:2012)

EN 61754-20-100:2012 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 20-100: Interface standard for LC connectors with protective housings related to IEC 61076-3-106 (IEC 61754-20-100:2012)

EN 61754-30:2014 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 30: Type CLIK connector series (IEC 61754-30:2014)

FprEN 61784-5-x en
Industrial communication networks – Profiles – Part 5-x: Installation of fieldbuses – Installation profiles for CPF x (IEC 61784-5-x)
Industrijske komunikacijske mreže – Profili – Dio 5-x: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF x (IEC 61784-5-x)

FprEN 61935-2-21:2014 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 – Part 2-21: Cord and work area cord category 6 Blank detail specification (IEC 61935-2-21:201X)

FprEN 61935-2-23:2014 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 – Part 2-23: Cord and work area cord category 7 – Blank detail specification (IEC 61935-2-23:201X)

FprEN 61935-2-24:2014 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 – Part 2-24: Cord and work area cord category 7A Blank detail specification (IEC 61935-2-24:201X)

prEN 61935-2-25 en
Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 – Part 2-25: Work area with M12 4 poles connectors Blank detail specification

FprEN 62007-1:2014 en
Semiconductor optoelectronic devices for fibre optic system applications – Part 1: Specification template for essential ratings and characteristics (IEC 62007-1:201X)

EN 62037-1:2012 en
Passive RF and microwave devices, intermodulation level measurement – Part 1: General requirements and measuring methods (IEC 62037-1:2012)

EN 62037-2:2013 en
Passive RF and microwave devices, intermodulation level measurement – Part 2: Measurement of passive intermodulation in coaxial cable assemblies (IEC 62037-2:2012)

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

EN 62037-4:2012 en
Passive RF and microwave devices, intermodulation level measurement – Part 4: Measurement of passive intermodulation in coaxial cables (IEC 62037-4:2012)

EN 62037-5:2013 en
Passive RF and microwave devices, intermodulation level measurement – Part 5: Measurement of passive intermodulation in filters (IEC 62037-5:2013)

EN 62037-6:2013 en
Passive RF and microwave devices, intermodulation level measurement – Part 6: Measurement of passive intermodulation in antennas (IEC 62037-6:2013)

FprEN 62047-1:2014 en
Semiconductor devices – Micro-electromechanical devices – Part 1: Terms and definitions (IEC 62047-1:201X)

FprEN 62317-5:2014 en
Ferrite cores – Dimensions – Part 5: EP-cores and associated parts for use in inductors and transformers (IEC 62317-5:201X)

FprEN 62317-13:2014 en
Ferrite cores – Dimensions – Part 13: PQ-cores for use in power supply applications (IEC 62317-13:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

EN 50540:2010 en
Conductors for overhead lines – Aluminium Conductors Steel Supported (ACSS)

EN 50543:2011 en
Electronic portable and transportable apparatus designed to detect and measure carbon dioxide and/or carbon monoxide in indoor ambient air – Requirements and test methods

EN 50580:2012/A1:2013 en
Safety of hand-held electric motor operated tools – Particular requirements for spray guns
Sigurnost ručnih elektromotornih alata – Posebni zahtjevi za pištolje za prskanje

prEN 50632-2-6:2014 en
Electric motor-operated tools – dust measurement procedure – Part 2-6: Particular requirements for hammers

EN 60086-1:2011 en
Primary batteries – Part 1: General

- (IEC 60086-1:2011)
Primarne baterije – 1. dio: Općenito
(IEC 60086-1:2011)
- FprEN 60086-1:2014 en
Primary batteries – Part 1: General
(IEC 60086-1:201X)
Primarne baterije – 1. dio: Općenito
(IEC 60086-1:201X)
- EN 60086-2:2011 en
Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:2011)
Primarne baterije – 2. dio: Fizikalne i električne specifikacije (IEC 60086-2:2011)
- FprEN 60086-2:2014 en
Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:201X)
Primarne baterije – 2. dio: Fizikalne i električne specifikacije (IEC 60086-2:201X)
- EN 60086-3:2011 en
Primary batteries – Part 3: Watch batteries
(IEC 60086-3:2011)
Primarne baterije – 3. dio: Baterije za satove
(IEC 60086-3:2011)
- EN 60086-5:2011 en
Primary batteries – Part 5: Safety of batteries with aqueous electrolyte (IEC 60086-5:2011)
Primarne baterije – 5. dio: Sigurnost baterija s tekućim elektrolitom (IEC 60086-5:2011)
- FprEN 60143-1:2014 en
Series capacitors for power systems – Part 1: General (IEC 60143-1:201X)
Serijski kondenzatori za energetske sustave – 1. dio: Općenito (IEC 60143-1:201X)
- EN 60745-2-15:2009/A1:2010 en
Hand-held motor-operated electric tools – Safety – Part 2-15: Particular requirements for hedge trimmers (IEC 60745-2-15:2006/am1:2009)
Ručni elektromotorni alati – Sigurnost – Dio 2-15: Posebni zahtjevi za kresalice
(IEC 60745-2-15:2006/am1:2009)
- EN 60745-2-3:2011/FprAC:2014 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 61029-2-10:2010/A11:2013 en
Safety of transportable motor-operated electric tools – Part 2-10: Particular requirements for cutting-off grinders
Sigurnost prijenosnih elektromotornih alata – Dio 2-10: Posebni zahtjevi za odrezne brusilice
- EN 61307:2011 en
Industrial microwave heating installations – Test methods for the determination of power output (IEC 61307:2011)
Instalacije za industrijsko mikrovalno grijanje – Metode ispitivanja za određivanje izlazne snage
(IEC 61307:2011)
- FprEN 61427-2:2014 en
Secondary cells and batteries for renewable energy storage – General requirements and methods of test – Part 2: on-grid applications (IEC 61427-2:201X)
- EN 61810-2:2011 en
Electromechanical elementary relays – Part 2: Reliability (IEC 61810-2:2011)
Elektromehanički osnovni releji – 2. dio: Pouzdanost
(IEC 61810-2:2011)
- EN 61810-2-1:2011 en
Electromechanical elementary relays – Part 2-1: Reliability – Procedure for the verification of B10 values (IEC 61810-2-1:2011)
- EN 61821:2011 en
Electrical installations for lighting and beaconing of aerodromes – Maintenance of aeronautical ground lighting constant current series circuits
(IEC 61821:2011)
Električne instalacije za osvjjetljavanje i označavanje uzletišta – Održavanje serijskih krugova konstantne struje za zemaljsko osvjjetljenje u zrakoplovstvu
(IEC 61821:2011)
- EN 61951-2:2011 en
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Portable sealed rechargeable single cells – Part 2: Nickel-metal hydride (IEC 61951-2:2011)
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Prijenosni zapečaćeni, punjivi, pojedinačni članci – 2. dio: Nikal-metalni hidrid (IEC 61951-2:2011)
- EN 61960:2011 en
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for portable applications
(IEC 61960:2011)
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sekundarni litijevi članci i baterije za prijenosne primjene (IEC 61960:2011)
- EN 62004:2009 en
Thermal-resistant aluminium alloy wire for overhead line conductor (IEC 62004:2007, MOD)
- EN 62006:2011 en
Hydraulic machines – Acceptance tests of small hydroelectric installations (IEC 62006:2010)
- EN 62246-1:2011 en
Reed switches – Part 1: Generic specification
(IEC 62246-1:2011)
- EN 62282-3-200:2012 en
Fuel cell technologies – Part 3-200: Stationary fuel cell power systems – Performance test methods
(IEC 62282-3-200:2011)
- EN 62660-1:2011 en
Secondary lithium-ion cells for the propulsion of electric road vehicles – Part 1: Performance testing
(IEC 62660-1:2010)
- EN 62660-2:2011 en
Secondary lithium-ion cells for the propulsion of electric road vehicles – Part 2: Reliability and abuse testing
(IEC 62660-2:2010)
- FprEN 62841-2-11 en
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-11: Particular requirements for hand-held reciprocating saws (jig and sabre saws) (IEC 62841-2-11)
- FprEN 62841-2-14:2014 en
Electric Motor – Operated Hand-Held Tool, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-14: Particular requirements for hand-held planers
(IEC 62841-2-14:201X)
- FprEN 62841-3-10:2014 en
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines
(IEC 62841-3-10:201X)
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-10: Posebni zahtjevi za prijenosne rezne alate
(IEC 62841-3-10:201X)

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavoda za norme donosi odluku o povlačenju hrvatske norme kada je donesena nova hrvatska norma ili kada je postojeća hrvatska norma postala neprimjenjiva. Kada je koje područje uređeno propisima i neki od propisa (pravilnik, naredba, 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 1514-2:2007 en
Prirubnice i njihovi spojevi – Brtve za prirubnice s PN-oznakom – 2. dio: Spiralne brtve za uporabu s čeličnim prirubnicama (EN 1514-2:2005)
Flanges and their joints – Gaskets for PN-designated flanges – Part 2: Spiral wound gaskets for use with steel flanges (EN 1514-2:2005)
- zamijenjena s: HRN EN 1514-2:2014
- HRN EN 14901:2008 en
Duktilne željezne cijevi, spojni dijelovi i pribor – Epoksidalna obloga (teški uvjeti) za duktilne željezne spojne dijelove i pribor – Zahtjevi i metode ispitivanja (EN 14901:2006)
Ductile iron pipes, fittings and accessories – Epoxy coating (heavy duty) of ductile iron fittings and accessories – Requirements and test methods (EN 14901:2006)
- zamijenjena s: HRN EN 14901:2014

HZN/TO 6, *Papir, karton i pulpe*

- HRN EN ISO 2758:2008 en
Papir – Određivanje otpornosti jačine pucanja (ISO 2758:2001; EN ISO 2758:2003)
Paper – Determination of bursting strength (ISO 2758:2001; EN ISO 2758:2003)
- zamijenjena s: HRN EN ISO 2758:2014

HZN/TO 8, *Brodogradnja*

- HRN EN 1570-1:2012 en
Sigurnosni zahtjevi za podizne platforme – 1. dio: Podizne platforme za opsluživanje do dvije fiksne površine (EN 1570-1:2011)
Safety requirements for lifting tables – Part 1: Lifting tables serving up to two fixed landings (EN 1570-1:2011)
- zamijenjena s: HRN EN 1570-1:2014

HZN/TO 21, *Protupožarna i vatrogasna oprema*

- HRN EN 694:2008 en
Vatrogasne cijevi – Polukrute cijevi za stabilne sustave (EN 694:2001+A1:2007)
Fire-fighting hoses – Semi-rigid hoses for fixed systems (EN 694:2001+A1:2007)
- zamijenjena s: HRN EN 694:2014
- HRN EN 14540:2008 en
Vatrogasne cijevi – Nepropusne plosnate cijevi za fiksne sustave (EN 14540:2004+A1:2007)
Fire-fighting hoses – Non-percolating layflat hoses for fixed systems (EN 14540:2004+A1:2007)
- zamijenjena s: HRN EN 14540:2014

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

- HRN EN 690:2010 en
Poljoprivredna mehanizacija – Razbacivači gnojiva – Sigurnost (EN 690:1994+A1:2009)
Agricultural machinery – Manure spreaders – Safety (EN 690:1994+A1:2009)
- zamijenjena s: HRN EN 690:2014
- HRN EN 15503:2010 en
Oprema za vrtove i parkove – Vrtne ventilatori, usisači i ventilatori/usisači – Sigurnost (EN 15503:2009)
Garden equipment – Garden blowers, vacuums and blower/vacuums – Safety (EN 15503:2009)
- zamijenjena s: HRN EN 15503:2014

HZN/TO 25, *Ljevarstvo*

- HRN EN 1559-2:2001 en
Ljevarstvo – Tehnički uvjeti isporuke – 2. dio: Dodatni zahtjevi za čelične odljeve (EN 1559-2:2000)
Founding – Technical conditions of delivery – Part 2: Additional requirements for steel castings (EN 1559-2:2000)
- zamijenjena s: HRN EN 1559-2:2014

HZN/TO 44, *Zavarivanje i srodni postupci*

- HRN EN ISO 5826:2004 en
Oprema za elektrootporno zavarivanje – Transformatori – Opće specifikacije primjenjive na sve transformatore (ISO 5826:1999; EN ISO 5826:2003)
Resistance welding equipment – Transformers – General specifications applicable to all transformers (ISO 5826:1999; EN ISO 5826:2003)
- zamijenjena s: HRN EN ISO 5826:2014
- HRN EN ISO 14114:2001 en
Oprema za plinsko zavarivanje – Acetilenski razdjelni sustavi za zavarivanje, rezanje i srodne postupke – Opći zahtjevi (ISO 14114:1999; EN ISO 14114:1999)
Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – General requirements (ISO 14114:1999; EN ISO 14114:1999)
- zamijenjena s: HRN EN ISO 14114:2014
- HRN EN 14665:2008 en
Toplinsko naštrcavanje – Toplinski naštrcane prevlake – Simbolički prikaz na crtežima (EN 14665:2004)
Thermal spraying – Thermally sprayed coatings – Symbolic representation on drawings (EN 14665:2004)
- zamijenjena s: HRN EN ISO 12671:2014

HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije*

- HRN ISO 11620:2011 en
Informacije i dokumentacija – Pokazatelji učinka knjižnice (ISO 11620:2008)
Information and documentation – Library performance indicators (ISO 11620:2008)
- zamijenjena s: HRN ISO 11620:2014
- HRN ISO 12651:2008 en
Digitalizacija – Terminološki rječnik (ISO 12651:1999)
Electronic imaging – Vocabulary (ISO 12651:1999)
- zamijenjena s: HRN ISO 12651-1:2014

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

HRN ISO 2410:2004 en
Kućanski hladnjaci – Ispitne metode za obavijesti za korisnika (ISO 2410:1973)
Household refrigerators – Methods of test for the information of the consumer (ISO 2410:1973)
- bez zamjene

HZN/TO 89, Furniri i drvene ploče

HRN EN 326-2:2010 en
Ploče na osnovi drva – Uzorkovanje, krojenje i provjera – 2. dio: Početno ispitivanje tipa i tvornička kontrola proizvodnje (EN 326-2:2010)
Wood-based panels – Sampling, cutting and inspection – Part 2: Initial type testing and factory production control (EN 326-2:2010)
- zamijenjena s: HRN EN 326-2:2014

HZN/TO 92, Zaštita od požara

HRN EN 1366-1:2002 en
Ispitivanja otpornosti na požar instalacija – 1. dio: Kanali (EN 1366-1:1999)
Fire resistance tests for service installations – Part 1: Ducts (EN 1366-1:1999)
- zamijenjena s: HRN EN 1366-1:2014

HRN CEN/TS 13381-1:2007 en
Ispitne metode za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 1. dio: Horizontalne zaštitne membrane (CEN/TS 13381-1:2005)
Test methods for determining the contribution to the fire resistance of structural members – Part 1: Horizontal protective membranes (CEN/TS 13381-1:2005)
- zamijenjena s: HRN EN 13381-1:2014

HRS ENV 13381-2:2008 en
Ispitne metode za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 2. dio: Vertikalne zaštitne membrane (ENV 13381-2:2002)
Test methods for determining the contribution to the fire resistance of structural members – Part 2: Vertical protective membranes (ENV 13381-2:2002)
- zamijenjena s: HRN EN 13381-2:2014

HZN/TO 120, Koža i obuća

HRN ISO 2588:2010 en
Koža – Uzorkovanje – Broj uzoraka za dobivanje reprezentativnog uzorka (ISO 2588:1985)
Leather – Sampling – Number of items for a gross sample (ISO 2588:1985)
- zamijenjena s: HRN EN ISO 2588:2014

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN 13718-1:2010 en
Medicinska vozila i njihova oprema – Zračna ambulanta – 1. dio: Zahtjev za medicinske uređaje koji se upotrebljavaju u zračnim ambulantama (EN 13718-1:2008)
Medical vehicles and their equipment – Air ambulances – Part 1: Requirements for medical devices used in air ambulances (EN 13718-1:2008)
- zamijenjena s: HRN EN 13718-1:2014

HZN/TO 130, Grafička tehnologija

HRN ISO 12635:2001 en
Grafička tehnologija – Ploče za ofsetni tisak – Dimenzije (ISO 12635:1996)
Graphic technology – Plates for offset printing – Dimensions (ISO 12635:1996)
- zamijenjena s: HRN ISO 12635:2014

HRN ISO 12642-1:2004 en
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – Ulazni podaci za opisivanje četverbojnoga procesnog otiskivanja – 1. dio: Početni podaci (ISO 12642-1:1996)
Graphic technology – Prepress digital data exchange – Input data for characterization of 4-colour process printing – Part 1: Initial data set (ISO 12642-1:1996)
- zamijenjena s: HRN ISO 12642-1:2014

HRN ISO 12642-1:2004/Ispr.1:2008 en
Grafička tehnologija – Ulazni podaci za opisivanje četverbojnoga procesnog otiskivanja – 1. dio: Početni podaci (ISO 12642-1:1996/Cor 1:2005)
Graphic technology – Input data for characterization of 4-colour process printing – Part 1: Initial data set (ISO 12642-1:1996/Cor 1:2005)
- zamijenjena s: HRN ISO 12642-1:2014

HRN ISO 12646:2008 en
Grafička tehnologija – Monitorski prikaz u svrhu korekcije boja – Karakteristike i uvjeti za vizualni pregled (ISO 12646:2004)
Graphic technology – Displays for colour proofing – Characteristics and viewing conditions (ISO 12646:2004)
- zamijenjena s: HRN ISO 12646:2014

HRN ISO 12647-1:2004 en
Grafička tehnologija – Kontrola postupaka za proizvodnju rasterskih izvadaka, probnog i proizvodnog otiska – 1. dio: Parametri i postupci mjerenja (ISO 12647-1:2004)
Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 1: Parameters and measurement methods (ISO 12647-1:2004)
- zamijenjena s: HRN ISO 12647-1:2014

HRN ISO 12647-2:2008 en
Grafička tehnologija – Kontrola postupaka za kontrolu rasterskih izvadaka, probnog i proizvodnog otiska – 2. dio: Ofsetni litografski tisak (ISO 12647-2:2004+Amd 1:2007)
Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 2: Offset lithographic processes (ISO 12647-2:2004+Amd 1:2007)
- zamijenjena s: HRN ISO 12647-2:2014

HRN ISO 12647-3:2008 en
Grafička tehnologija – Kontrola postupaka za kontrolu rasterskih izvadaka, probnog i proizvodnog otiska – 3. dio: Novinski ofsetni tisak (ISO 12647-3:2005)
Graphic technology – Process control for the production of half-tone colour separations, proofs and production prints – Part 3: Coldset offset lithography on newsprint (ISO 12647-3:2005)
- zamijenjena s: HRN ISO 12647-3:2014

HRN ISO 13655:2004 en
Grafička tehnologija – Spektralna mjerenja i kolorimetrijsko određivanje za grafičke reprodukcije (ISO 13655:1996)
Graphic technology – Spectral measurement and colorimetric computation for graphic arts images (ISO 13655:1996)
- zamijenjena s: HRN ISO 13655:2014

HZN/TO 135, *Nerazorna ispitivanja*

- HRN EN 583-4:2002 en
Nerazorno ispitivanje – Ispitivanje ultrazvukom –
4. dio: Ispitivanja nepravilnosti okomitih na površinu
(EN 583-4:2002)
Non-destructive testing – Ultrasonic examination –
Part 4: Examination for discontinuities perpendicular
to the surface (EN 583-4:2002)
- zamijenjena s: HRN EN ISO 16826:2014
- HRN EN 583-4/A1:2007 en
Nerazorno ispitivanje – Ispitivanje ultrazvukom –
4. dio: Ispitivanja nepravilnosti okomitih na površinu
(EN 583-4:2002/A1:2003)
Non-destructive testing – Ultrasonic examination –
Part 4: Examination for discontinuities perpendicular
to the surface (EN 583-4:2002/A1:2003)
- zamijenjena s: HRN EN ISO 16826:2014
- HRN EN 583-5:2003 en
Nerazorno ispitivanje – Ultrazvučno ispitivanje –
5. dio: Karakterizacija i određivanje veličine
prekidnosti (EN 583-5:2000)
Non-destructive testing – Ultrasonic examination –
Part 5: Characterization and sizing of discontinuities
(EN 583-5:2000)
- zamijenjena s: HRN EN ISO 16827:2014
- HRN EN 583-5/A1:2007 en
Nerazorno ispitivanje – Ultrazvučno ispitivanje –
5. dio: Karakterizacija i određivanje veličine
prekidnosti (EN 583-5:2000/A1:2003)
Non-destructive testing – Ultrasonic examination –
Part 5: Characterization and sizing of discontinuities
(EN 583-5:2000/A1:2003)
- zamijenjena s: HRN EN ISO 16827:2014
- HRN EN 583-6:2009 en
Nerazorno ispitivanje – Ispitivanje ultrazvukom –
6. dio: Tehnika difrakcije kao metoda pronalaženja i
procjene veličine nepravilnosti (EN 583-6:2008)
Non-destructive testing – Ultrasonic examination
– Part 6: Time-of-flight diffraction technique as a
method for detection and sizing of discontinuities
(EN 583-6:2008)
- zamijenjena s: HRN EN ISO 16828:2014

HZN/TO 146, *Kvaliteta zraka*

- HRN EN 12341:2006 en
Kakvoća zraka – Određivanje PM10 frakcije po
veličini lebdećih čestica – Referentna metoda
i terensko ispitivanje u svrhu dokazivanja
jednakovaljanosti mjernih metoda (EN 12341:1998)
Air quality – Determination of the PM10 fraction of
suspended particulate matter – Reference method
and field test procedure to demonstrate reference
equivalence of measurement methods
(EN 12341:1998)
- zamijenjena s: HRN EN 12341:2014
- HRN EN 14907:2006 en
Kvaliteta vanjskog zraka – Standardna
gravimetrijska metoda za određivanje PM2,5
masene frakcije lebdećih čestica (EN 14907:2005)
Ambient air quality – Standard gravimetric
measurement method for the determination of the
PM2,5 mass fraction of suspended particulate matter
(EN 14907:2005)
- zamijenjena s: HRN EN 12341:2014

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

- HRN EN ISO 11969:1998 en
Kakvoća vode – Određivanje arsena – Metoda
atomske apsorpcijske spektrometrije (hidridna
tehnika) (ISO 11969:1996; EN ISO 11969:1996)

Water quality – Determination of arsenic – Atomic
absorption spectrometric method (hydride technique)
(ISO 11969:1996; EN ISO 11969:1996)
- bez zamjene

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

- HRN EN ISO 9308-1:2000 en
Kakvoća vode – Detekcija i brojenje *Escherichia coli*
i koliformnih bakterija – 1. dio: Metoda membranske
filtracije (ISO 9308-1:2000; EN ISO 9308-1:2000)
Water quality – Detection and enumeration of
Escherichia coli and coliform bacteria – Part 1:
Membrane filtration method (ISO 9308-1:2000;
EN ISO 9308-1:2000)
- zamijenjena s: HRN EN ISO 9308-1:2014
- HRN EN ISO 9308-1:2000/Ispr.1:2008 en
Kakvoća vode – Detekcija i brojenje *Escherichia coli*
i koliformnih bakterija – 1. dio: Metoda membranske
filtracije (ISO 9308-1:2000/Cor 1:2007;
EN ISO 9308-1:2000/AC:2008)
Water quality – Detection and enumeration of
Escherichia coli and coliform bacteria – Part 1:
Membrane filtration method
(ISO 9308-1:2000/Cor 1:2007;
EN ISO 9308-1:2000/AC:2008)
- zamijenjena s: HRN EN ISO 9308-1:2014
- HRN ISO 9308-2:1999 hr
Kakvoća vode – Detekcija i brojenje koliformnih
organizama, termotolerantnih koliformnih
organizama i vjerojatne *Escherichia coli* – 2. dio:
Metoda višestrukih epruveta (metoda
najvjerojatnijega broja) (ISO 9308-2:1990)
Water quality – Detection and enumeration of
coliform organisms and presumptive *Escherichia coli*
– Part 2: Multiple tube (most probable number)
method (ISO 9308-2:1990)
- zamijenjena s: HRN EN ISO 9308-2:2014

HZN/TO 172, *Optika i optički instrumenti*

- HRN EN ISO 8598:2005 en
Optika i optički instrumenti – Focimetri
(ISO 8598:1996; EN ISO 8598:1998)
Optics and optical instruments – Focimeters
(ISO 8598:1996; EN ISO 8598:1998)
- zamijenjena s: HRN EN ISO 8598-1:2014
- HRN EN ISO 10343:2010 en
Oftalmološki instrumenti – Oftalmometri
(ISO 10343:2009; EN ISO 10343:2009)
Ophthalmic instruments – Ophthalmometers
(ISO 10343:2009; EN ISO 10343:2009)
- zamijenjena s: HRN EN ISO 10343:2014
- HRN EN ISO 11979-2:2008 en
Oftalmološki implantanti – Intraokularne leće –
2. dio: Optička svojstva i metode ispitivanja
(ISO 11979-2:1999+Cor 1:2003;
EN ISO 11979-2:1999+AC:2005)
Ophthalmic implants – Intraocular lenses –
Part 2: Optical properties and test methods
(ISO 11979-2:1999+Cor 1:2003;
EN ISO 11979-2:1999+AC:2005)
- zamijenjena s: HRN EN ISO 11979-2:2014
- HRN EN ISO 11979-7:2008 en
Oftalmološki implantanti – Intraokularne leće –
7. dio: Klinička istraživanja (ISO 11979-7:2006;
EN ISO 11979-7:2006)
Ophthalmic implants – Intraocular lenses – Part 7:
Clinical investigations (ISO 11979-7:2006;
EN ISO 11979-7:2006)
- zamijenjena s: HRN EN ISO 11979-7:2014

HRN EN ISO 11979-7:2008/A1:2012 en
Oftalmološki implantanti – Intraokularne leće –
7. dio: Klinička istraživanja (ISO 11979-7:2006/Amd
1:2012; EN ISO 11979-7:2006/A1:2012)
Ophthalmic implants – Intraocular lenses – Part 7:
Clinical investigations
(ISO 11979-7:2006/Amd 1:2012;
EN ISO 11979-7:2006/A1:2012)
- zamijenjena s: HRN EN ISO 11979-7:2014

HRN EN ISO 13212:2011 en
Oftalmološka optika – Proizvodi za održavanje
kontaktnih leća – Smjernice za određivanje roka
uporabe (ISO 13212:2011; EN ISO 13212:2011)
Ophthalmic optics – Contact lens care products –
Guidelines for determination of shelf-life
(ISO 13212:2011; EN ISO 13212:2011)
- zamijenjena s: HRN EN ISO 13212:2014

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

HRN EN 71-3:2013 en
Sigurnost igračaka – 3. dio: Otpuštanje određenih
elemenata (EN 71-3:2013)
Safety of toys – Part 3: Migration of certain elements
(EN 71-3:2013)
- zamijenjena s: HRN EN 71-3:2014

HRI CEN/TR 15071:2008 en
Sigurnost igračaka – Nacionalni prijevodi upozorenja
i upute za uporabu prema nizu norma EN 71
(CEN/TR 15071:2005)
Safety of toys – National translations of warnings
and instructions for use in EN 71
(CEN/TR 15071:2005)
- zamijenjena s: HRI CEN/TR 15071:2014

HRI CEN/TR 15371:2013 en
Sigurnost igračaka – Odgovori na upite povezani s
tumačenjem EN 71-1, EN 71-2 i EN 71-8
(CEN/TR 15371:2013)
Safety of toys – Replies to requests for interpretation
of EN 71-1, EN 71-2, and EN 71-8
(CEN/TR 15371:2013)
- zamijenjena s: HRI CEN/TR 15371:2014

HZN/TO 184, *Sustavi industrijske automatizacije i integracije*

HRN EN ISO 9283:2008 en
Manipulatorski industrijski roboti – Izvedbeni kriteriji i
njihove ispitne metode (ISO 9283:1998;
EN ISO 9283:1998)
Manipulating industrial robots – Performance criteria
and related test methods (ISO 9283:1998;
EN ISO 9283:1998)
- bez zamjene

HRN EN ISO 14539:2007 en
Manipulatorski industrijski roboti – Rukovanje
predmetima pomoću hvataljki – Rječnik i prikaz
značajki (ISO 14539:2000; EN ISO 14539:2001)
Manipulating industrial robots – Object handling with
grasp-type grippers – Vocabulary and presentation
of characteristics (ISO 14539:2000;
EN ISO 14539:2001)
- bez zamjene

HZN/TO 190, *Kvaliteta tla*

HRN ISO 11262:2005 en
Kakvoća tla – Određivanje cijanida (ISO 11262:2003)
Soil quality – Determination of cyanide
(ISO 11262:2003)
- zamijenjena s: HRN ISO 11262:2014

HZN/TO 228, *Usluge u turizmu*

HRN EN 14153-1:2008 en
Usluge rekreativnog ronjenja – Minimalni sigurnosni
zahtjevi za obuku rekreativnih ronilaca sa
samostalnom ronilačkom opremom – 1. dio:
Razina 1 – Nadzirani ronilac (EN 14153-1:2003)
Recreational diving services – Safety related
minimum requirements for the training of recreational
scuba divers – Part 1: Level 1 – Supervised Diver
(EN 14153-1:2003)
- zamijenjena s: HRN EN ISO 24801-1:2014

HRN EN 14153-2:2008 en
Usluge rekreativnog ronjenja – Minimalni sigurnosni
zahtjevi za obuku rekreativnih ronilaca sa
samostalnom ronilačkom opremom – 2. dio:
Razina 2 – Samostalni ronilac (EN 14153-2:2003)
Recreational diving services – Safety related
minimum requirements for the training of recreational
scuba divers – Part 2: Level 2 – Autonomous Diver
(EN 14153-2:2003)
- zamijenjena s: HRN EN ISO 24801-2:2014

HRN EN 14153-3:2008 en
Usluge rekreativnog ronjenja – Minimalni sigurnosni
zahtjevi za obuku rekreativnih ronilaca sa
samostalnom ronilačkom opremom – 3. dio:
Razina 3 – Voditelj ronjenja (EN 14153-3:2003)
Recreational diving services – Safety related
minimum requirements for the training of
recreational scuba divers – Part 3: Level 3 – Dive
Leader (EN 14153-3:2003)
- zamijenjena s: HRN EN ISO 24801-3:2014

HRN EN 14413-1:2008 en
Usluge rekreativnog ronjenja – Minimalni
sigurnosni zahtjevi za obuku instruktora ronjenja sa
samostalnom ronilačkom opremom – 1. dio:
Razina 1 (EN 14413-1:2004)
Recreational Diving Services – Safety related
minimum requirements for the training of scuba
instructors – Part 1: Level 1 (EN 14413-1:2004)
- zamijenjena s: HRN EN ISO 24802-1:2014

HRN EN 14413-2:2008 en
Usluge rekreativnog ronjenja – Minimalni
sigurnosni zahtjevi za obuku instruktora ronjenja sa
samostalnom ronilačkom opremom – 2. dio:
Razina 2 (EN 14413-2:2004)
Recreational Diving Services – Safety related
minimum requirements for the training of scuba
instructors – Part 2: Level 2 (EN 14413-2:2004)
- zamijenjena s: HRN EN ISO 24802-2:2014

HZN/TO 238, *Čvrsta biogoriva*

HRN EN 14588:2014 hr,en
Čvrsta biogoriva – Nazivlje, definicije i opisi
(EN 14588:2010)
Solid biofuels – Terminology, definitions and
descriptions (EN 14588:2010)
- zamijenjena s: HRN EN ISO 16559:2014

HZN/TO 502, *Plinski uređaji*

HRN EN 203-2:2001 en
Plinski uređaji za velike kuhinje – 2. dio: Racionalno
korištenje energije (EN 203-2:1995)
Gas heated catering equipment – Part 2: Rational
use of energy (EN 203-2:1995)
- zamijenjena s: HRN EN 203-2-1:2008,
HRN EN 203-2-2:2008, HRN EN 203-2-3:2008,
HRN EN 203-2-4:2008, HRN EN 203-2-6:2008,
HRN EN 203-2-7:2008, HRN EN 203-2-8:2008,
HRN EN 203-2-9:2008, HRN EN 203-2-10:2008,
HRN EN 203-2-11:2008

HRN EN 203-2-7:2008 en
Plinski uređaji za velike kuhinje – Dio 2-7: Specifični zahtjevi – Salamander pečnice i roštilji s okretnim osovinama (EN 203-2-7:2007)
Gas heated catering equipment – Part 2-7: Specific requirements – Salamanders and rotisseries (EN 203-2-7:2007)
- zamijenjena s: HRN EN 203-2-7:2014

HRN ENV 1259-1:2001 en
Plinske ovjesne (nekućanske) tamno-zračeće grijalice s jednim plamenikom i nekućanske svjetlo-zračeće ovjesne grijalice – 1. dio: Zahtjevi i ispitni postupci za određivanje racionalnog korištenja energije – Radiometrički postupak A (ENV 1259-1:1994)
Single burner gas-fired overhead radiant tube heaters and non-domestic gas-fired overhead luminous radiant heaters – Part 1: Requirements and test methods for establishing the rational use of energy – Radiometric method A (ENV 1259-1:1994)
- zamijenjena s: HRN EN 416-2:2008, HRN EN 419-2:2008

HRN ENV 1259-2:2001 en
Plinske ovjesne (nekućanske) tamno-zračeće grijalice s jednim plamenikom i nekućanske svjetlo-zračeće ovjesne grijalice – 2. dio: Zahtjevi i ispitni postupci za određivanje racionalnog korištenja energije – Radiometrički postupak B (ENV 1259-2:1996)
Single burner gas-fired overhead radiant tube heaters and non-domestic gas-fired overhead luminous radiant heaters – Part 2: Requirements and test methods for establishing the rational use of energy – Radiometric method B (ENV 1259-2:1996)
- zamijenjena s: HRN EN 416-2:2008, HRN EN 419-2:2008

HRN ENV 1259-3:2001 en
Plinske ovjesne (nekućanske) tamno-zračeće grijalice s jednim plamenikom i nekućanske svjetlo-zračeće ovjesne grijalice – 3. dio: Zahtjevi i ispitni postupci za određivanje racionalnog korištenja energije – Radiometrički postupak C (ENV 1259-3:1996)
Single burner gas-fired overhead radiant tube heaters and non-domestic gas-fired overhead luminous radiant heaters – Part 3: Requirements and test methods for establishing the rational use of energy – Radiometric method C (ENV 1259-3:1996)
- zamijenjena s: HRN EN 416-2:2008, HRN EN 419-2:2008

HRN ENV 1954:2001 en
Nepravilan rad elektroničkih dijelova sa sigurnosno-tehničkim zahtjevima u plinskim uređajima kod unutrašnjih i/ili vanjskih smetnji (ENV 1954:1996)
Internal and external fault behaviour of safety related electronic parts of gas appliances (ENV 1954:1996)
- zamijenjena s: HRN EN 14459:2008

HRN EN 12067-1:2001 en
Regulator omjera plina i zraka za plinske plamenike i plinske uređaje – 1. dio: Pneumatska izvedba (EN 12067-1:1998)
Gas/air ratio controls for gas burners and gas burning appliances – Part 1: Pneumatic types (EN 12067-1:1998)
- zamijenjena s: HRN EN 88-1:2012

HRN EN 12067-1/A1:2004 en
Regulator omjera plina i zraka za plinske plamenike i plinske uređaje – 1. dio: Pneumatska izvedba (EN 12067-1:1998/A1:2003)
Gas/air ratio controls for gas burners and gas burning appliances – Part 1: Pneumatic types (EN 12067-1:1998/A1:2003)
- zamijenjena s: HRN EN 88-1:2012

HRN EN 12078:2001 en
Nulti regulatori tlaka za plinske plamenike i plinske uređaje (EN 12078:1998)
Zero governors for gas burners and gas burning appliances (EN 12078:1998)
- zamijenjena s: HRN EN 88-1:2012

HRN EN 12244-1:2000 en
Plinske direktno grijane perilice rublja s nazivnim toplinskim opterećenjem ne većim od 20 kW – 1. dio: Sigurnost (EN 12244-1:1998)
Direct gas-fired washing machines, of nominal heat input not exceeding 20 kW – Part 1: Safety (EN 12244-1:1998)
- bez zamjene

HRN EN 12244-2:2000 en
Plinske direktno grijane perilice rublja s nazivnim toplinskim opterećenjem ne većim od 20 kW – 2. dio: Racionalno korištenje energije (EN 12244-2:1998)
Direct gas-fired washing machines of nominal heat input not exceeding 20 kW – Part 2: Rational use of energy (EN 12244-2:1998)
- bez zamjene

HRN EN 12669:2004 en
Nekućanski plinski generatori vrućeg zraka s ventilatorom za primjenu u vrtlarstvu i dodatnom grijanju prostora, uključujući posebne zahtjeve za uporabu u staklenicima (EN 12669:2000)
Direct gas-fired hot air blowers for use in greenhouses and supplementary non-domestic space heating (EN 12669:2000)
- bez zamjene

HRN EN 12752-1:2004 en
Plinske bubnjaste sušilice vrste B s nazivnim toplinskim opterećenjem ne većim od 20 kW – 1. dio: Sigurnost (EN 12752-1:1999)
Gas-fired type B tumble dryers of nominal heat input not exceeding 20 kW – Part 1: Safety (EN 12752-1:1999)
- bez zamjene

HRN EN 12752-2:2004 en
Plinske bubnjaste sušilice vrste B s nazivnim toplinskim opterećenjem ne većim od 20 kW – 2. dio: Racionalno korištenje energije (EN 12752-2:1999)
Gas-fired type B tumble dryers of nominal heat input not exceeding 20 kW – Part 2: Rational use of energy (EN 12752-2:1999)
- bez zamjene

HZN/TO 503, Metalni materijali

HRN EN 754-2:2008 en
Aluminij i aluminijeve legure – Hladno vučene šipke i cijevi – 2. dio: Mehanička svojstva (EN 754-2:2008)
Aluminium and aluminium alloys – Cold drawn rod/bar and tube – Part 2: Mechanical properties (EN 754-2:2008)
- zamijenjena s: HRN EN 754-2:2014

HRN EN 755-2:2008 en
Aluminij i aluminijeve legure – Istisnute šipke, cijevi i profili – 2. dio: Mehanička svojstva (EN 755-2:2008)
Aluminium and aluminium alloys – Extruded rod/bar, tube and profiles – Part 2: Mechanical properties (EN 755-2:2008)
- zamijenjena s: HRN EN 755-2:2014

HRN EN ISO 6506-1:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 1. dio: Ispitna metoda (ISO 6506-1:2005; EN ISO 6506-1:2005)
Metallic materials – Brinell hardness test – Part 1: Test method (ISO 6506-1:2005; EN ISO 6506-1:2005)
- zamijenjena s: HRN EN ISO 6506-1:2014

- HRN EN ISO 6506-2:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja (ISO 6506-2:2005; EN ISO 6506-2:2005)
Metallic materials – Brinell hardness test – Part 2: Verification and calibration of testing machines (ISO 6506-2:2005; EN ISO 6506-2:2005)
- zamijenjena s: HRN EN ISO 6506-2:2014
- HRN EN ISO 6506-3:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 3. dio: Umjeravanje etalonskih pločica (ISO 6506-3:2005; EN ISO 6506-3:2005)
Metallic materials – Brinell hardness test – Part 3: Calibration of reference blocks (ISO 6506-3:2005; EN ISO 6506-3:2005)
- zamijenjena s: HRN EN ISO 6506-3:2014
- HRN EN ISO 6506-4:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Brinellu – 4. dio: Tablica vrijednosti tvrdoća (ISO 6506-4:2005; EN ISO 6506-4:2005)
Metallic materials – Brinell hardness test – Part 4: Table of hardness values (ISO 6506-4:2005; EN ISO 6506-4:2005)
- zamijenjena s: HRN EN ISO 6506-4:2014
- HRN EN 10107:2008 en
Čelični elektrolim i traka usmjerenog zrna isporučeni u potpuno obrađeno stanje (EN 10107:2005)
Grain-oriented electrical steel sheet and strip delivered in the fully processed state (EN 10107:2005)
- zamijenjena s: HRN EN 10107:2014
- HRN EN 10269:2002 en
Čelici i legure nikla za dijelove za pričvršćivanje s utvrđenim svojstvima pri povišenim i/ili niskim temperaturama (EN 10269:1999)
Steels and nickel alloys for fasteners with specified elevated and/or low temperature properties (EN 10269:1999)
- zamijenjena s: HRN EN 10269:2014
- HRN EN 10269:2002/A1:2008 en
Čelici i legure nikla za dijelove za pričvršćivanje s utvrđenim svojstvima pri povišenim i/ili niskim temperaturama (EN 10269:1999/A1:2006)
Steels and nickel alloys for fasteners with specified elevated and/or low temperature properties (EN 10269:1999/A1:2006)
- zamijenjena s: HRN EN 10269:2014
- HRN EN 10269:2002/A1:2008/Ispr.1:2009 en
Čelici i legure nikla za dijelove za pričvršćivanje s utvrđenim svojstvima pri povišenim i/ili niskim temperaturama (EN 10269:1999/A1:2006/AC:2008)
Steels and nickel alloys for fasteners with specified elevated and/or low temperature properties (EN 10269:1999/A1:2006/AC:2008)
- zamijenjena s: HRN EN 10269:2014
- HRN EN 13195:2010 en
Aluminij i aluminijeve legure – Specifikacije za gnječene i lijevane proizvode za primjenu u pomorstvu (brodogradnja, pomorska i odobalna tehnika) (EN 13195:2009)
Aluminium and aluminium alloys – Specifications for wrought and cast products for marine applications (shipbuilding, marine and offshore) (EN 13195:2009)
- zamijenjena s: HRN EN 13195:2014
- HRN EN 13599:2002 en
Bakar i bakrene legure – Bakrene ploče, limovi i trake za primjenu u elektrotehnici (EN 13599:2002)
Copper and copper alloys – Copper plate, sheet and strip for electrical purposes (EN 13599:2002)
- zamijenjena s: HRN EN 13599:2014

HZN/TO 504, *Korozija i zaštita metala i legura*

- HRN ISO 8407:1999 en
Korozija metala i legura – Uklanjanje korozivskih produkata s uzoraka za ispitivanje korozije (ISO 8407:1991)
Corrosion of metals and alloys – Removal of corrosion products from corrosion test specimen (ISO 8407:1991)
- zamijenjena s: HRN EN ISO 8407:2014
- HRN ISO 11474:1999 en
Korozija metala i legura – Korozivska ispitivanja u umjetnoj atmosferi – Ubrzana vanjska ispitivanja uzastopnim prskanjem slanom otopinom (ISO 11474:1998)
Corrosion of metals and alloys – Corrosion tests in artificial atmosphere – Accelerated outdoor test by intermittent spraying of a salt solution (Scab test) (ISO 11474:1998)
- zamijenjena s: HRN EN ISO 11474:2014
- HRN EN 12473:2001 en
Opća načela katodne zaštite u morskoj vodi (EN 12473:2000)
General principles of cathodic protection in sea water (EN 12473:2000)
- zamijenjena s: HRN EN 12473:2014

HZN/TO 505, *Prijenos i distribucija plina*

- HRI CR 13737:2008 en
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)
- zamijenjena s: HRI CEN/TR 13737-1:2014

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

- HRN EN ISO 6974-5:2008 en
Prirodni plin – Određivanje sastava s određenom nesigurnošću plinskom kromatografijom – 5. dio: Određivanje dušika, ugljikovog dioksida i C1 do C5 i C6+ ugljikovodika u laboratoriju i on-line procesnoj primjeni uporabom tri kolone (ISO 6974-5:2000; EN ISO 6974-5:2001)
Natural gas – Determination of composition with defined uncertainty by gas chromatography – Part 5: Determination of nitrogen, carbon dioxide and C1 to C5 and C6+ hydrocarbons for a laboratory and on-line process application using three columns (ISO 6974-5:2000; EN ISO 6974-5:2001)
- zamijenjena s: HRN EN ISO 6974-5:2014

HZN/TO 513, *Mjerne jedinice i mjerila*

- HRN ISO 1100-2:2007 en
Mjerenje protoka tekućina u otvorenim kanalima – 2. dio: Određivanje protočne krivulje (ISO 1100-2:1998+Cor 1:2000)
Measurement of liquid flow in open channels – Part 2: Determination of the stage-discharge relation (ISO 1100-2:1998+Cor 1:2000)
- zamijenjena s: HRN ISO 1100-2:2014
- HRN ISO 2425:2007 en
Mjerenje protoka u otvorenim kanalima pod utjecajem plime (ISO 2425:1999+Amd 1:2003)
Measurement of liquid flow in open channels under tidal conditions (ISO 2425:1999+Amd 1:2003)
- zamijenjena s: HRN ISO 2425:2014

- HRN ISO 3310-2:2008 en
Ispitna sita – Tehnički zahtjevi i ispitivanja – 2. dio:
Ispitna sita izrađena od perforiranih metalnih ploča
(ISO 3310-2:1999)
Test sieves – Technical requirements and testing –
Part 2: Test sieves of perforated metal plate
(ISO 3310-2:1999)
- zamijenjena s: HRN ISO 3310-2:2014
- HRN ISO 4359:2005 en
Mjerenje protoka tekućine u otvorenim kanalima –
Pravokutna, trapezna i U – oblikovana suženja toka
(ISO 4359:1983+Cor 1:1999)
Liquid flow measurement in open channels –
Rectangular, trapezoidal and U-shaped flumes
(ISO 4359:1983+Cor 1:1999)
- zamijenjena s: HRN ISO 4359:2014
- HRN ISO 4377:2005 en
Hidrometrijska određivanja – Mjerenje protoka u
otvorenim kanalima uporabom građevinskih objekata
– Položeni – V preljevi (ISO 4377:2002)
Hydrometric determinations – Flow measurement in
open channels using structures – Flat-V weirs
(ISO 4377:2002)
- zamijenjena s: HRN ISO 4377:2014
- HRN EN 12645:2007 en
Mjerila tlaka – Instrumenti za kontrolu tlaka i/ili
napuhavanje guma za motorna vozila – Mjerenje,
zahtjevi i ispitivanje (EN 12645:1998)
Pressure gauges – Apparatus for inspection of
pressure and/or inflation of tyres for motor vehicles –
Metrology, requirements and testing
(EN 12645:1998)
- zamijenjena s: HRN EN 12645:2014
- HRS ISO/TS 15769:2009 en
Hidrometrijska određivanja – Strujanje u otvorenim
kanalima i djelomično ispunjenim cjevovodima –
Smjernice za primjenu mjerenja toka na Dopplerovu
principu (ISO/TS 15769:2000)
Hydrometric determinations – Liquid flow in open
channels and partly filled pipes – Guidelines for the
application of Doppler-based flow measurements
(ISO/TS 15769:2000)
- zamijenjena s: HRN ISO 15769:2014

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

- HRN EN 12176:2005 en
Karakterizacija mulja – Određivanje pH-vrijednosti
(EN 12176:1998)
Characterization of sludge – Determination of
pH-value (EN 12176:1998)
- bez zamjene
- HRN EN 12506:2005 en
Karakterizacija otpada – Analiza eluata –
Određivanje pH-vrijednosti, As, Ba, Cd, Cl⁻, Co, Cr,
Cr(VI), Cu, Mo, Ni, NO₂⁻, Pb, ukupnog S, SO₄²⁻, V
i Zn (EN 12506:2003)
Characterization of Waste – Analysis of eluates –
Determination of pH, As, Ba, Cd, Cl⁻, Co, Cr, Cr(VI),
Cu, Mo, Ni, NO₂⁻, Pb, total S, SO₄²⁻, V and Zn
(EN 12506:2003)
- zamijenjena s: HRN EN 16192:2011
- HRN EN 12879:2005 en
Karakterizacija muljeva – Određivanje gubitka
žarenjem suhe tvari (EN 12879:2000)
Characterization of sludges – Determination of the
loss on ignition of dry mass (EN 12879:2000)
- bez zamjene

- HRN EN 13346:2008 en
Karakterizacija mulja – Određivanje elemenata u
tragovima i fosfora – Metoda ekstrakcije zlatotopkom
(EN 13346:2000)
Characterization of sludges – Determination of trace
elements and phosphorus – Aqua regia extraction
methods (EN 13346:2000)
- bez zamjene
- HRN EN 13370:2005 en
Karakterizacija otpada – Analiza eluata –
Određivanje amonija, adsorbilnih organskih
halogena (AOX), vodljivosti, žive, fenolnog
indeksa, ukupnoga organskog ugljika (TOC),
lakooslobađajućih cijanida i fluorida
(EN 13370:2003)
Characterization of waste – Analysis of eluates –
Determination of Ammonium, AOX, conductivity, Hg,
phenol index, TOC, easily liberatable CN⁻, F⁻
(EN 13370:2003)
- zamijenjena s: HRN EN 16192:2011
- HRN EN 13965-1:2008 hr,en,fr,de
Karakterizacija otpada – Nazivlje – 1. dio: Nazivi i
definicije koji se odnose na materijale
(EN 13965-1:2004)
Characterization of waste – Terminology – Part 1:
Material related terms and definitions
(EN 13965-1:2004)
- bez zamjene

HZN/TO 524, Cestovni prijevoz i prometna telematika

- HRN EN 15509:2008 en
Road transport and traffic telematics – Electronic
fee collection – Interoperability application profile for
DSRC (EN 15509:2007)
- zamijenjena s: HRN EN 15509:2014

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

- HRN EN 12326-1:2008 en
Škriljevac i prirodni kamen za preklopno pokrivanje
krovova i oblaganje zidova – 1. dio: Specifikacija
proizvoda (EN 12326-1:2004)
Slate and stone products for discontinuous roofing
and cladding – Part 1: Product specification
(EN 12326-1:2004)
- zamijenjena s: HRN EN 12326-1:2014

HZN/TO 528, Oprema za željeznice

- HRN EN 15327-1:2009 en
Oprema za željeznicu – Podsustav alarmiranja od
strane putnika – 1. dio: Opći zahtjevi i sučelje za
putnike za sustav kočenja u slučaju opasnosti od
strane putnika (EN 15327-1:2008)
Railway applications – Passenger alarm subsystem
– Part 1: General requirements and passenger
interface for the passenger emergency brake system
(EN 15327-1:2008)
- zamijenjena s: HRN EN 16334:2014

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

- HRN EN 13001-2:2012 en
Sigurnost granika – Opće projektiranje – 2. dio:
Djelovanje opterećenja (EN 13001-2:2011+AC:2012)
Crane safety – General design – Part 2: Load
actions (EN 13001-2:2011+AC:2012)
- zamijenjena s: HRN EN 13001-2:2014

HRS CEN/TS 13001-3-2:2008 en
 Granici – Opće projektiranje – Dio 3-2: Granična stanja i dokaz sigurnosti žičane užadi u sustavima namatanja (CEN/TS 13001-3-2:2008)
 Cranes – General design – Part 3-2: Limit states and proof of competence of wire ropes in reeving systems (CEN/TS 13001-3-2:2008)
 - zamijenjena s: HRN EN 13001-3-2:2014

HZN/TO 531, *Plastika i guma*

HRN EN ISO 844:2010 en
 Kruta pjenasta plastika – Određivanje tlačnih svojstava (ISO 844:2007; EN ISO 844:2009)
 Rigid cellular plastics – Determination of compression properties (ISO 844:2007; EN ISO 844:2009)
 - zamijenjena s: HRN EN ISO 844:2014

HRN EN 855:2008 en
 Plastična crijeva i crijevni uređaji – Plastomerni tekstilom ojačan hidraulični tip – Specifikacija (EN 855:1996)
 Plastics hoses and hose assemblies – Thermoplastics textile reinforced hydraulic type – Specification (EN 855:1996)
 - zamijenjena s: HRN EN ISO 3949:2014

HRN EN ISO 3385:2008 en
 Savitljivi pjenasti polimerni materijali – Određivanje zamora djelovanjem konstantnog opterećenja (ISO 3385:1989; EN ISO 3385:1995)
 Flexible cellular polymeric materials – Determination of fatigue by constant-load pounding (ISO 3385:1989; EN ISO 3385:1995)
 - zamijenjena s: HRN EN ISO 3385:2014

HRN EN ISO 3994:2011 en
 Plastična crijeva – Plastomerna crijeva ojačana plastomernom spiralom za usisavanje i istovar vodenih supstanci – Specifikacija (ISO 3994:2007; EN ISO 3994:2011)
 Plastics hoses – Helical-thermoplastic-reinforced thermoplastics hoses for suction and discharge of aqueous materials – Specification (ISO 3994:2007; EN ISO 3994:2011)
 - zamijenjena s: HRN EN ISO 3994:2014

HRN EN ISO 6806:2008 en
 Gumena crijeva i crijevni uređaji za upotrebu u naftnim plamenicima – Specifikacija (ISO 6806:1992; EN ISO 6806:1995)
 Rubber hoses and hose assemblies for use in oil burners – Specification (ISO 6806:1992; EN ISO 6806:1995)
 - zamijenjena s: HRN EN ISO 6806:2014

HRN EN ISO 8029:2010 en
 Plastično crijevo – Složivo, tekstilom ojačano crijevo za vodu, opće namjene – Specifikacija (ISO 8029:2007; EN ISO 8029:2010)
 Plastics hose – General-purpose collapsible water hose, textile-reinforced – Specification (ISO 8029:2007; EN ISO 8029:2010)
 - zamijenjena s: HRN EN ISO 8029:2014

HRN EN ISO 8030:2008 en
 Gumena i plastična crijeva – Metoda ispitivanja gorivosti (ISO 8030:1995; EN ISO 8030:1997)
 Rubber and plastics hoses – Method of test for flammability (ISO 8030:1995; EN ISO 8030:1997)
 - zamijenjena s: HRN EN ISO 8030:2014

HRN EN ISO 8330:2008 en,fr
 Gumena i plastična crijeva i crijevni sklopovi – Terminološki rječnik (ISO 8330:2007; EN ISO 8330:2008)
 Rubber and plastics hoses and hose assemblies – Vocabulary (ISO 8330:2007; EN ISO 8330:2008)
 - zamijenjena s: HRN EN ISO 8330:2014

HRN EN ISO 11358:2008 en
 Plastika – Termogravimetrija (TG) polimera – Opća načela (ISO 11358:1997; EN ISO 11358:1997)
 Plastics – Thermogravimetry (TG) of polymers – General principles (ISO 11358:1997; EN ISO 11358:1997)
 - zamijenjena s: HRN EN ISO 11358-1:2014

HRN EN ISO 15512:2010 en
 Plastika – Određivanje sadržaja vode (ISO 15512:2008; EN ISO 15512:2009)
 Plastics – Determination of water content (ISO 15512:2008; EN ISO 15512:2009)
 - zamijenjena s: HRN EN ISO 15512:2014

HZN/TO 534, *Spremnici za teret*

HRN EN 14116:2014 en
 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)
 - zamijenjena s: HRN EN 14116:2014

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

HRN ISO 128-24:2003 en
 Tehnički crteži – Opća načela prikazivanja – 24. dio: Crte na crtežima u strojarstvu (ISO 128-24:1999)
 Technical drawings – General principles of presentation – Part 24: Lines on mechanical engineering drawings (ISO 128-24:1999)
 - zamijenjena s: HRN ISO 128-24:2014

HRN EN ISO 1101:2013/Ispr.1:2014 en
 Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Tolerancije oblika, orijentacije, smještaja i vrtnje – Tehnički ispravak 1 (ISO 1101:2012/Cor 1:2013; EN ISO 1101:2013/AC:2014)
 Geometrical product specifications (GPS) – Geometrical tolerancing – Tolerances of form, orientation, location and run-out – Technical Corrigendum 1 (ISO 1101:2012/Cor 1:2013; EN ISO 1101:2013/AC:2014)
 - bez zamjene

HRN EN ISO 2538:2004 en
 Geometrijska specifikacija proizvoda (GPS) – Serije kutova i nagiba na prizmama (ISO 2538:1998; EN ISO 2538:2003)
 Geometrical Product Specifications (GPS) – Series of angles and slopes on prisms (ISO 2538:1998; EN ISO 2538:2003)
 - zamijenjena s: HRN EN ISO 2538-1:2014, HRN EN ISO 2538-2:2014

HRN ISO 7573:2008 en
 Tehnički crteži – Sastavnice (ISO 7573:1983)
 Technical drawings – Item lists (ISO 7573:1983)
 - zamijenjena s: HRN ISO 7573:2014

HRN ISO 14617-1:2008 en
 Grafički simboli za shematske crteže – 1. dio: Opće informacije i indeksi (ISO 14617-1:2002)
 Graphical symbols for diagrams – Part 1: General information and indexes (ISO 14617-1:2002)
 - zamijenjena s: HRN ISO 14617-1:2014

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

- HRN EN 14908-1:2008 en
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 1. dio: Stog protokola (EN 14908-1:2005)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 1: Protocol Stack (EN 14908-1:2005)
- zamijenjena s: HRN EN 14908-1:2014
- HRN EN 14908-2:2008 en
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 2. dio: Komunikacija kroz simetričnu paricu (EN 14908-2:2005)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 2: Twisted Pair Communication (EN 14908-2:2005)
- zamijenjena s: HRN EN 14908-2:2014
- HRN EN 14908-3:2008 en
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 3. dio: Specifikacija komunikacije kroz energetski kanal (EN 14908-3:2006)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 3: Power Line Channel Specification (EN 14908-3:2006)
- zamijenjena s: HRN EN 14908-3:2014
- HRN EN 14908-4:2008 en
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 4. dio: IP komunikacija (EN 14908-4:2006)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 4: IP Communication (EN 14908-4:2006)
- zamijenjena s: HRN EN 14908-4:2014
- HRN EN ISO 16484-5:2012 en
Digitalni sustavi upravljanja u zgradama (BACS) – 5. dio: Podatkovni komunikacijski protokol (ISO 16484-5:2012; EN ISO 16484-5:2012)
Building automation and control systems – Part 5: Data communication protocol (ISO 16484-5:2012; EN ISO 16484-5:2012)
- zamijenjena s: HRN EN ISO 16484-5:2014
- HRN EN ISO 16484-6:2009 en
Upravljanje u zgradarstvu i upravljački sustavi (BACS) – 6. dio: Ispitivanje sukladnosti podatkovne komunikacije (ISO 16484-6:2009; EN ISO 16484-6:2009)
Building automation and control systems (BACS) – Part 6: Data communication conformance testing (ISO 16484-6:2009; EN ISO 16484-6:2009)
- zamijenjena s: HRN EN ISO 16484-6:2014

HZN/TO 551, Gradnja

- HRN EN 16309:2014 en
Održivost građevina – Ocjenjivanje društvenih svojstava zgrada – Metode (EN 16309:2014)
Sustainability of construction works – Assessment of social performance of buildings – Methods (EN 16309:2014)
- zamijenjena s: HRN EN 16309:2014

HZN/TO 553, Predgotovljeni proizvodi

- HRN EN ISO 10545-4:2012 en
Keramičke pločice – 4. dio: Određivanje nosivosti i čvrstoće pri savijanju (ISO 10545-4:2004; EN ISO 10545-4:2012)
Ceramic tiles – Part 4: Determination of modulus of rupture and breaking strength (ISO 10545-4:2004; EN ISO 10545-4:2012)
- zamijenjena s: HRN EN ISO 10545-4:2014
- HRN ENV 12633:2004 en
Metoda određivanja otpornosti na klizanje poliranih i nepoliranih površina (ENV 12633:2003)
Method of determination of unpolished and polished slip/skid resistance value (ENV 12633:2003)
- zamijenjena s: HRS CEN/TS 12633:2014

HZN/TO 555, Medicinski proizvodi

- HRN EN ISO 14644-6:2008 en,fr
Čisti prostori i pridružena kontrolirana okolina – 6. dio: Terminološki rječnik (ISO 14644-6:2007; EN ISO 14644-6:2007)
Cleanrooms and associated controlled environments – Part 6: Vocabulary (ISO 14644-6:2007; EN ISO 14644-6:2007)
- bez zamjene

HZN/TO 556, Osobna zaštitna oprema

- HRN EN 353-1:2008 en
Osobna zaštitna oprema protiv pada s visine – 1. dio: Naprave za zaustavljanje pada s vodicom uključujući čvrstu sidrenu liniju (EN 353-1:2002)
Personal protective equipment against falls from a height – Part 1: Guided type fall arresters including a rigid anchor line (EN 353-1:2002)
- zamijenjena s: HRN EN 353-1:2014

HZN/TO 557, Zaštitna odjeća

- HRN EN 13138-1:2010 en
Plutajuća pomagala za poduku plivanja – 1. dio: Sigurnosni zahtjevi i ispitne metode za plutajuća pomagala koja se mogu obući (EN 13138-1:2008)
Buoyant aids for swimming instruction – Part 1: Safety requirements and test methods for buoyant aids to be worn (EN 13138-1:2008)
- zamijenjena s: HRN EN 13138-1:2014

HZN/TO 560, Tekstilni proizvodi

- HRN EN ISO 105-B01:2003 en
Tekstil – Ispitivanje postojanosti obojenja – Dio B01: Postojanost obojenja na svjetlo: Dnevno svjetlo (ISO 105-B01:1994+Amd 1:1998; EN ISO 105-B01:1999)
Textiles – Tests for colour fastness – Part B01: Colour fastness to light: Daylight (ISO 105-B01:1994+Amd 1:1998; EN ISO 105-B01:1999)
- zamijenjena s: HRN EN ISO 105-B01:2014
- HRN EN ISO 105-B02:2013 en
Tekstil – Ispitivanje postojanosti obojenja – Dio B02: Postojanost obojenja na umjetno svjetlo: ispitivanje na blijeđenje Xenon lampom (ISO 105-B02:2013; EN ISO 105-B02:2013)
Textiles – Tests for colour fastness – Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2013; EN ISO 105-B02:2013)
- zamijenjena s: HRN EN ISO 105-B02:2014

HRN EN 31092:2008 en
Tekstilije – Određivanje fizioloških svojstava –
Mjerenje toplinske otpornosti i propusnosti vodene
pare u stacionarnom stanju (ispitivanje s vlažećom
vrućom pločom) (ISO 11092:1993; EN 31092:1993)
Textiles – Determination of physiological properties
– Measurement of thermal and water-vapour
resistance under steady-state conditions (sweating
guarded – hotplate test) (ISO 11092:1993;
EN 31092:1993)
- zamijenjena s: HRN EN ISO 11092:2014

HRN EN 31092:2008/A1:2013 en
Tekstil – Fiziološka svojstva – Mjerenje toplinske
otpornosti i propusnosti vodene pare u stacionarnom
stanju (ispitivanje s vlažnom vrućom pločom) –
Amandman 1 (ISO 11092:1993/Amd 1:2012;
EN 31092:1993/A1:2012)
Textiles – Physiological effects – Measurement of
thermal and water-vapour resistance under steady-
state conditions (sweating guarded-hotplate test) –
Amendment 1 (ISO 11092:1993/Amd 1:2012;
EN 31092:1993/A1:2012)
- zamijenjena s: HRN EN ISO 11092:2014

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

HRN EN ISO 10297:2008 en
Prenosive plinske boce – Ventili boca – Specifikacija
i ispitivanje tipa (ISO 10297:2006; EN ISO
10297:2006)
Transportable gas cylinders – Cylinder valves –
Specification and type testing (ISO 10297:2006;
EN ISO 10297:2006)
- zamijenjena s: HRN EN ISO 10297:2014

HRN EN 12493:2014 en
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)
- zamijenjena s: HRN EN 12493:2014

HRN EN 13445-6:2009 en
Neložene tlačne posude – 6. dio: Zahtjevi za
projektiranje i proizvodnju tlačnih posuda i dijelova
posuda izrađenih od nodularnog lijeva
(EN 13445-6:2009)
Unfired pressure vessels – Part 6: Requirements for
the design and fabrication of pressure vessels and
pressure parts constructed from spheroidal graphite
cast iron (EN 13445-6:2009)
- zamijenjena s: HRN EN 13445-6:2014

HRN EN 13445-8:2009 en
Neložene tlačne posude – 8. dio: Dodatni zahtjevi
za tlačne posude izrađene od aluminija i aluminijskih
legura (EN 13445-8:2009)
Unfired pressure vessels – Part 8: Additional
requirements for pressure vessels of aluminium and
aluminium alloys (EN 13445-8:2009)
- zamijenjena s: HRN EN 13445-8:2014

HRN EN ISO 14246:2002 en
Prenosive plinske boce – Ventili plinskih boca –
Proizvodna ispitivanja i pregledi (ISO 14246:2001;
EN ISO 14246:2001)
Transportable gas cylinders – Gas cylinder valves –
Manufacturing tests and inspections
(ISO 14246:2001; EN ISO 14246:2001)
- zamijenjena s: HRN EN ISO 14246:2014

HZN/TO 563, *Sigurnost strojeva*

HRN EN 1088:2008 en
Sigurnost strojeva – Uređaji za zabavljanje
(blokiranje) povezani sa štitnicima – Principi za
projektiranje i izbor (EN 1088:1995+A2:2008)
Safety of machinery – Interlocking devices
associated with guards – Principles for design and
selection (EN 1088:1995+A2:2008)
- zamijenjena s: HRN EN ISO 14119:2014

HRN EN 12042:2010 en
Strojevi za preradu hrane – Automatski odjeljivači –
Sigurnosni i higijenski zahtjevi
(EN 12042:2005+A1:2010)
Food processing machinery – Automatic dividers –
Safety and hygiene requirements
(EN 12042:2005+A1:2010)
- zamijenjena s: HRN EN 12042:2014

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

HRS CEN ISO/TS 11133-1:2009 en
Mikrobiologija hrane i stočne hrane – Upute za
pripravu i proizvodnju hranjivih podloga – 1. dio:
Opće upute za osiguranje kvalitete pripreme
hranjivih podloga u laboratoriju
(ISO/TS 11133-1:2009; CEN ISO/TS 11133-1:2009)
Microbiology of food and animal feeding stuffs –
Guidelines on preparation and production of culture
media – Part 1: General guidelines on quality
assurance for the preparation of culture media in the
laboratory (ISO/TS 11133-1:2009;
CEN ISO/TS 11133-1:2009)
- zamijenjena s: HRN EN ISO 11133:2014

HRN CEN ISO/TS 11133-2:2004 en
Mikrobiologija hrane i stočne hrane – Upute za
pripravu i proizvodnju hranjivih podloga – 2. dio:
Praktične upute za testiranje hranjivih podloga
(ISO/TS 11133-2:2003; CEN ISO/TS 11133-2:2003)
Microbiology of food and animal feeding stuffs –
Guidelines on preparation and production of culture
media – Part 2: Practical guidelines on performance
testing of culture media (ISO/TS 11133-2:2003;
CEN ISO/TS 11133-2:2003)
- zamijenjena s: HRN EN ISO 11133:2014

HRS CEN ISO/TS 11133-2:2004/A1:2012 en
Mikrobiologija hrane i stočne hrane – Upute za
pripravu i proizvodnju hranjivih podloga – 2. dio:
Praktične upute za testiranje hranjivih podloga –
Amandman 1: Testni mikroorganizmi za uobičajene
podloge (ISO/TS 11133-2:2003/Amd 1:2011;
CEN ISO/TS 11133-2:2003/A1:2011)
Microbiology of food and animal feeding stuffs –
Guidelines on preparation and production of culture
media – Part 2: Practical guidelines on performance
testing of culture media – Amendment 1: Test
microorganisms for commonly used culture media
(ISO/TS 11133-2:2003/Amd 1:2011;
CEN ISO/TS 11133-2:2003/A1:2011)
- zamijenjena s: HRN EN ISO 11133:2014

HRN EN 12823-1:2003 en
Namirnice – Određivanje vitamina A tekućinskom
kromatografijom visokog učinka – 1. dio: Mjerenje
all-trans-retinola i 13-cis-retinola (EN 12823-1:2000)
Foodstuffs – Determination of vitamin A by high
performance liquid chromatography – Part 1:
Measurement of all-trans-retinol and 13-cis-retinol
(EN 12823-1:2000)
- zamijenjena s: HRN EN 12823-1:2014

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

- HRN ISO 6266:2005 en
Skije za alpsko skijanje – Određivanje indeksa zamora materijala – Ispitivanje cikličkim opterećivanjem (ISO 6266:1980)
Alpine skis – Determination of fatigue indexes – Cyclic loading test (ISO 6266:1980)
- zamijenjena s: HRN ISO 6266:2014
- HRN EN 13451-4:2008 en
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)
- zamijenjena s: HRN EN 13451-4:2014

HZN/TO E20, *Električni kabe*

- HRN IEC 60754-1:2008 en
Ispitivanje plinova razvijenih pri izgaranju kablenskog materijala – 1. dio: Određivanje količine plina halogene kiseline (IEC 60754-1:1994)
Test on gases evolved during combustion of materials from cables – Part 1: Determination of the amount of halogen acid gas (IEC 60754-1:1994)
- zamijenjena s: HRN EN 60754-1:2014

HZN/TO E55, *Žice za namote*

- HRN IEC 60264-5-2:2001 en
Pakiranje žice za namote – Dio 5-2: Cilindrični koluti za isporuku sa koničnim priborima – Specifikacije povratnih koluta od termoplastičnih materijala (IEC 60264-5-2:2001)
Packaging of winding wires – Part 5-2: Cylindrical barrelled delivery spools with conical flanges – Specification for returnable spools made from thermoplastic material (IEC 60264-5-2:2001)
- zamijenjena s: HRN EN 60264-5-2:2014

HZN/TO E56, *Pouzdanost*

- HRN IEC 60300-3-10:2008 en
Upravljanje pouzdanošću – Dio 3-10: Upute za primjenu – Sposobnost održavanja (IEC 60300-3-10:2001)
Dependability management – Part 3-10: Application guide – Maintainability (IEC 60300-3-10:2001)
- bez zamjene
- HRN IEC 60300-3-5:2008 en
Upravljanje pouzdanošću – Dio 3-5: Upute za primjenu – Uvjeti ispitivanja pouzdanosti i načela statističkih testova (IEC 60300-3-5:2001)
Dependability management – Part 3-5: Application guide – Reliability test conditions and statistical test principles (IEC 60300-3-5:2001)
- bez zamjene
- HRN IEC 60300-3-9:2008 en
Upravljanje pouzdanošću – 3. dio: Upute za primjenu – 9. odsjek : Analiza rizika tehničkih sustava (IEC 60300-3-9:1995)
Dependability management – Part 3: Application guide – Section 9: Risk analysis of technological systems (IEC 60300-3-9:1995)
- bez zamjene
- HRN IEC 60319:2008 en
Predstavljanje i specifikacija podataka o pouzdanosti elektroničkih sastavnica (IEC 60319:1999)
Presentation and specification of reliability data for electronic components (IEC 60319:1999)
- bez zamjene

- HRN IEC 60410:2008 en
Planovi uzorkovanja i postupci provjere svojstava opreme (IEC 60410:1973)
Sampling plans and procedures for inspection by attributes (IEC 60410:1973)
- bez zamjene
- HRN IEC 60605-2:2008 en
Ispitivanje pouzdanosti opreme – 2. dio: Osmišljavanje i ispitivanje životnog vijeka (IEC 60605-2:1994)
Equipment reliability testing – Part 2: Design of test cycles (IEC 60605-2:1994)
- bez zamjene
- HRN IEC 60605-3-1:2008 en
Ispitivanje pouzdanosti opreme – 3. dio: Uvjeti ispitivanja koji imaju prednost – Pokretna oprema u zgradama – Niža razina simulacije (IEC 60605-3-1:1986)
Equipment reliability testing – Part 3: Preferred test conditions – Indoor portable equipment – Low degree of simulation (IEC 60605-3-1:1986)
- bez zamjene
- HRN IEC 60605-3-2:2008 en
Ispitivanje pouzdanosti opreme – 3. dio: Uvjeti ispitivanja koji imaju prednost – Nepokretna oprema na lokacijama zaštićenim od utjecaja oborina – Visoka razina simulacije (IEC 60605-3-2:1986)
Equipment reliability testing – Part 3: Preferred test conditions – Equipment for stationary use in weatherprotected locations – High degree of simulation (IEC 60605-3-2:1986)
- bez zamjene
- HRN IEC 60605-3-3:2008 en
Ispitivanje pouzdanosti opreme – 3. dio: Uvjeti ispitivanja koji imaju prednost – 3. odsjek: 3. ciklus ispitivanja: Nepokretna oprema na lokacijama djelomično zaštićenim od utjecaja oborina – Niža razina simulacije (IEC 60605-3-3:1992)
Equipment reliability testing – Part 3: Preferred test conditions – Section 3: Test Cycle 3: Equipment for stationary use in partially weatherprotected locations – Low degree of simulation (IEC 60605-3-3:1992)
- bez zamjene
- HRN IEC 60605-3-4:2008 en
Ispitivanje pouzdanosti opreme – 3. dio: Ispitivanje pouzdanosti opreme – 3. dio: Uvjeti ispitivanja koji imaju prednost – 4. odsjek: 4. ciklus ispitivanja: Pokretna oprema – Niža razina simulacije (IEC 60605-3-4:1992)
Equipment reliability testing – Part 3: Preferred test conditions – Section 4: Test cycle 4: Equipment for portable and non-stationary use – Low degree of simulation (IEC 60605-3-4:1992)
- bez zamjene
- HRN IEC 60605-3-5:2008 en
Ispitivanje pouzdanosti opreme – 3. dio: Uvjeti ispitivanja koji imaju prednost – 5. odsjek: 5. ciklus ispitivanja: Oprema prenosiva zemljom – Niža razina simulacije (IEC 60605-3-5:1996+Corr. 1:1996)
Equipment reliability testing – Part 3: Preferred test conditions – Section 5: Test cycle 5: Ground mobile equipment – Low degree of simulation (IEC 60605-3-5:1996+Corr. 1:1996)
- bez zamjene
- HRN IEC 60605-3-6:2008 en
Ispitivanje pouzdanosti opreme – 3. dio: Uvjeti ispitivanja koji imaju prednost – 6. odsjek: 6. ciklus ispitivanja: Prenosiva oprema izvan zgrada – Niža razina simulacije (IEC 60605-3-6:1996)
Equipment reliability testing – Part 3: Preferred test conditions – Section 6: Test cycle 6: Outdoor transportable equipment – Low degree of simulation (IEC 60605-3-6:1996)
- bez zamjene

- HRN IEC 60605-4:2008 en
Ispitivanje pouzdanosti opreme – 4. dio: Statistički postupci za eksponencijalnu razdiobu – Točkaste procjene, intervali povjerenja, intervali predviđanja i intervali dopuštenog odstupanja (IEC 60605-4:2001)
Equipment reliability testing – Part 4: Statistical procedures for exponential distribution – Point estimates, confidence intervals, prediction intervals and tolerance intervals (IEC 60605-4:2001)
- bez zamjene
- HRN IEC 60605-6:2008 en
Ispitivanje pouzdanosti opreme – 6. dio: Ispitivanje prihvatljivosti pretpostavke stalne učestalosti kvara ili stalnog intenziteta kvara (IEC 60605-6:2007)
Equipment reliability testing – Part 6: Tests for the validity and estimation of the constant failure rate and constant failure intensity (IEC 60605-6:2007)
- bez zamjene
- HRN IEC 61070:2008 en
Postupci ispitivanja ispunjavanja zahtjeva stacionarne raspoloživosti (IEC 61070:1991)
Compliance test procedures for steady-state availability (IEC 61070:1991)
- bez zamjene
- HRN IEC 61123:2008 en
Ispitivanje pouzdanosti – Planovi za ispitivanje udovoljavanja zahtjevima (IEC 61123:1991)
Reliability testing – Compliance test plans for success ratio (IEC 61123:1991)
- bez zamjene
- HRN IEC 61163-2:2008 en
Provjera pouzdanosti naprezanjem – 2. dio: Elektroničke komponente (IEC 61163-2:1998)
Reliability stress screening – Part 2: Electronic components (IEC 61163-2:1998)
- bez zamjene
- HRN IEC 61650:2008 en
Metode analize podataka o pouzdanosti – Postupci usporedbe dviju stalnih učestalosti kvara i dva stalna intenziteta kvara (IEC 61650:1997)
Reliability data analysis techniques – Procedures for comparison of two constant failure rates and two constant failure (event) intensities (IEC 61650:1997)
- bez zamjene
- HRN EN 61709:2008 en
Elektroničke sastavnice – Pouzdanost – Referentni uvjeti za učestalosti kvara i modele naprezanja (IEC 61709:1996; EN 61709:1998)
Electronic components – Reliability – Reference conditions for failure rates and stress models for conversion (IEC 61709:1996; EN 61709:1998)
- zamijenjena s: HRN EN 61709:2012
- HRN IEC 61713:2008 en
Pouzdanost programske podrške tijekom životnog vijeka – Upute za primjenu (IEC 61713:2000)
Software dependability through the software life-cycle processes – Application guide (IEC 61713:2000)
- bez zamjene
- HRN IEC 61882:2008 en
Studije opasnosti i pripravnosti za rad – Upute za primjenu (IEC 61882:2001)
Hazard and operability studies (HAZOP studies) – Application guide (IEC 61882:2001)
- bez zamjene

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

- HRN EN 61987-10:2010/Isp.1:2014 en
Mjerenje i vođenje industrijskih procesa – Strukture podataka i elemenata u katalozima procesne opreme – 10. dio: Popisi svojstava (LOPs) za mjerenje i vođenje industrijskih procesa za elektroničku izmjenu podataka – Osnove (EN 61987-10:2009/AC:2011)
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 10: Lists of properties (LOPs) for industrial-process measurement and control for electronic data exchange – Fundamentals (EN 61987-10:2009/AC:2011)
- bez zamjene

HZN/TO Z1, *Informacijska tehnologija*

- HRS CEN/TS 15480-3:2012 en
Sustavi identifikacijskih kartica – Europska osobna iskaznica – 3. dio: Interoperabilnost europske osobne iskaznice pomoću aplikacijskog sučelja (CEN/TS 15480-3:2010)
Identification card systems – European Citizen Card – Part 3: European Citizen Card Interoperability using an application interface (CEN/TS 15480-3:2010)
- zamijenjena s: HRS CEN/TS 15480-3:2014

HZN/TU I3, *Strojarstvo 3*

- HRN EN 1143-2:2004 en
Jedinice za sigurno pohranjivanje – Zahtjevi, klasifikacija i metode ispitivanja otpornosti na provalu – 2. dio: Depozitni sustavi (EN 1143-2:2001)
Secure storage units – Requirements, classification and methods of test for resistance to burglary – Part 2: Deposit systems (EN 1143-2:2001)
- zamijenjena s: HRN EN 1143-2:2014

HZN/TU N1, *Nemetalni materijali 1*

- HRN EN 12475-4:2008 en
Klasifikacija neprozirnih vatrostalnih proizvoda – 4. dio: Posebni proizvodi (EN 12475-4:1998)
Classification of dense shaped refractory products – Part 4: Special products (EN 12475-4:1998)
- zamijenjena s: HRN EN ISO 10081-4:2014

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

- HRN EN 2794-001:2008 en
Nizovi o zrakoplovstvu – Automatski osigurači, jednopolni, temperaturno kompenzirani, nazivnih struja 20 A do 50 A – 001. dio: Tehničke specifikacije (EN 2794-001:1999)
Aerospace series – Circuit breakers, single-pole, temperature compensated, rated currents 20 A to 50 A – Part 001: Technical specification (EN 2794-001:1999)
- zamijenjena s: HRN EN 2794-001:2014
- HRN EN 2794-004:2008 en
Nizovi o zrakoplovstvu – Automatski osigurači, jednopolni, temperaturno kompenzirani, nazivnih struja 20 A do 50 A – 004. dio: Terminali s UNC navojima – Norma za proizvod (EN 2794-004:1999)
Aerospace series – Circuit breakers, single-pole, temperature compensated, rated currents 20 A to 50 A – Part 004: UNC thread terminals – Product standard (EN 2794-004:1999)
- zamijenjena s: HRN EN 2794-004:2014

HRN EN 3475-514:2008 en
Nizovi o zrakoplovstvu – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 514. dio: Poroznost bakrenih obloga na višezilnim aluminijским kabelima (EN 3475-514:2007)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 514: Porosity of copper cladding on aluminium strands (EN 3475-514:2007)
- zamijenjena s: HRN EN 3475-514:2014

HRN EN 3774-004:2008 en
Nizovi o zrakoplovstvu – Automatski osigurači, tropolni, temperaturno kompenzirani, nazivnih struja 2 A do 25 A, kapaciteta prekidanja 65 /n – 004. dio: Terminali s UNC navojima – Norma za proizvod (EN 3774-004:1999)
Aerospace series – Circuit breakers, three-pole, temperature compensated, rated currents 2 A to 25 A, switching capacity 65 /n – Part 004: UNC thread terminals – Product standard (EN 3774-004:1999)
- zamijenjena s: HRN EN 3774-004:2014

HRN EN 4057-402:2008 en
Nizovi o zrakoplovstvu – Obujmice za kabelaške snopove – Metode ispitivanja – 402. dio: Radni vijek (EN 4057-402:2006)
Aerospace series – Cable ties for harnesses – Test methods – Part 402: Life cycle (EN 4057-402:2006)
- zamijenjena s: HRN EN 4057-402:2014

HRN EN 4199-003:2011 en
Nizovi o zrakoplovstvu – Trake za vezanje za zrakoplov – 003. dio: Ugradbene trake za vezanje sa ravnim pletenim bakrenim vodičem, prevučene kositrom od – 65 °C do 150 °C i bakrom, prevučene niklom od – 65 °C do 260 °C – Norma za proizvod (EN 4199-003:2009)
Aerospace series – Bonding straps for aircraft – Part 003: Bonding strap assemblies with flat braided conductor copper, tin plated – 65 °C up to 150 °C and copper, nickel plated – 65 °C up to 260 °C – Product standard (EN 4199-003:2009)
- zamijenjena s: HRN EN 4199-003:2014

HRN EN 4549:2008 en
Nizovi o zrakoplovstvu – Cijevni priključak, od čelika otpornog na toplinu ili od legura nikla otpornih na toplinu – Zavareni kraj priključka – Konfiguracija oblikovanja – Nizovi u inčima (EN 4549:2003)
Aerospace series – Pipe coupling, in heat resisting steel or in heat resisting nickel alloy – Coupling end, welded – Design configuration – Inch series (EN 4549:2003)
- zamijenjena s: HRN EN 4549:2014

HRN EN 4604-009:2011 en
Nizovi o zrakoplovstvu – Kabel, električni, za prijenos signala – 009. dio: Kabel, koaksijalni, lagani, 50 Oma, 180 °C, tip KW (lagani WN) – Norma za proizvod (EN 4604-009:2011)
Aerospace series – Cable, electrical, for signal transmission – Part 009: Cable, coaxial, light weight, 50 ohms, 180 °C, type KW (light WN) – Product standard (EN 4604-009:2011)
- zamijenjena s: HRN EN 4604-009:2014

HRN EN 4627:2008 en
Nizovi o zrakoplovstvu – Čelik FE-PM 3504 (X4CrNiMo16-5-1) – Taljen na zraku – Kaljen i termički obrađen – Otkivci – De ≤ 150 mm – 1100 MPa ≤ Rm ≤ 1300 MPa (EN 4627:2007)
Aerospace series – Steel FE-PM 3504 (X4CrNiMo16-5-1) – Air melted – Hardened and tempered – Forgings – De ≤ 150 mm – 1100 MPa ≤ Rm ≤ 1300 MPa (EN 4627:2007)
- zamijenjena s: HRN EN 4627:2014

HRN EN 14097:2008 en
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Nesukladnost kontrolnog sustava (EN 14097:2001)
Space product assurance – Nonconformance control system (EN 14097:2001)
- zamijenjena s: HRN EN 16602-10-09:2014

HRN EN 14607-1:2008 en
Svemirsko inženjerstvo – Strojstvo – 1. dio: Kontrola topline (EN 14607-1:2004)
Space engineering – Mechanical – Part 1: Thermal control (EN 14607-1:2004)
- zamijenjena s: HRN EN 16603-31:2014

HZN/TU U1, *Opća elektrotehnika 1*

HRN IEC 60549:2002 en
Visokonaponski osigurači za vanjsku zaštitu paralelno spojenih kondenzatora (baterija) (IEC 60549:1976)
High-voltage fuses for the external protection of shunt power capacitors (IEC 60549:1976)
- zamijenjena s: HRN EN 60549:2014

HZN/TU V1, *Elektronika 1*

HRN EN 50411-2-2:2008 en
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 2-2: Sealed pan fibre splice closures Type 1, for category S & A (EN 50411-2-2:2007)
- zamijenjena s: HRN EN 50411-2-2:2014

HRN EN 60869-1:2008 en
Fibre optic attenuators – Part 1: Generic specification (IEC 60869-1:1999; EN 60869-1:2000)
- zamijenjena s: HRN EN 60869-1:2014

HRN EN 60876-1:2008 en
Fibre optic spatial switches – Part 1: Generic specification (IEC 60876-1:2001; EN 60876-1:2001)
- zamijenjena s: HRN EN 60876-1:2014

HRN EN 61190-1-2:2008 en
Attachment materials for electronic assembly – Part 1-2: Requirements for solder pastes for high-quality interconnections in electronics assembly (IEC 61190-1-2:2002; EN 61190-1-2:2002)
- zamijenjena s: HRN EN 61190-1-2:2009

HRN EN 61280-2-2:2008 en
Fibre optic communication subsystem test procedures – Part 2-2: Digital systems – Optical eye pattern, waveform and extinction ratio measurement (IEC 61280-2-2:2005; EN 61280-2-2:2005)
- zamijenjena s: HRN EN 61280-2-2:2009

HRN EN 61300-2-28:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-28: Tests – Industrial atmosphere (sulphur dioxide) (IEC 61300-2-28:1995; EN 61300-2-28:1997)
- zamijenjena s: HRN EN 61300-2-28:2014

HRN EN 61300-2-33:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-33: Tests – Assembly and disassembly of closures (IEC 61300-2-33:1995; EN 61300-2-33:1997)
- zamijenjena s: HRN EN 61300-2-33:2009

HRN EN 61300-2-33:2009 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-33: Tests – Assembly and disassembly of fibre optic closures (IEC 61300-2-33:2006; EN 61300-2-33:2007)
- zamijenjena s: HRN EN 61300-2-33:2014

- HRN EN 61754-4:2008 en
Fibre optic connector interfaces – Part 4:
Type SC connector family
(IEC 61754-4:1997+am1:1999+am2:2001;
EN 61754-4:1997+A1:1999+A2:2001)
- zamijenjena s: HRN EN 61754-4:2014
- HRN EN 61754-6:2008 en
Fibre optic connector interfaces – Part 6:
Type MU connector family
(IEC 61754-6:1997+am1:2001+am2:2004;
EN 61754-6:1997+A1:2001+A2:2005)
- zamijenjena s: HRN EN 61754-6:2014
- HRN EN 61978-1:2008 en
Fibre optic passive dispersion compensators –
Part 1: Generic specification (IEC 61978-1:2000;
EN 61978-1:2001)
- zamijenjena s: HRN EN 61978-1:2011

1.6 Ispravci hrvatskih norma

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

Niže navodimo ispravne oznake i naslove hrvatskih norma.

HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije*

- **umjesto**
- HRN ISO 6199:2010
Mikrografija – Mikrofilmiranje dokumenata na 16 mm i 35 mm srebrno-želatinoznom mikrofilmu – **Postupak** obrade (ISO 6199:2005)
Micrographics – Microfilming of documents on 16 mm and 35 mm silver-gelatin type microfilm – Operating procedures (ISO 6199:2005)
- **treba biti**
- HRN ISO 6199:2010
Mikrografija – Mikrofilmiranje dokumenata na 16 mm i 35 mm srebrno-želatinoznom mikrofilmu – **Postupci** obrade (ISO 6199:2005)
Micrographics – Microfilming of documents on 16 mm and 35 mm silver-gelatin type microfilm – Operating procedures (ISO 6199:2005)
- **umjesto**
- HRN ISO 8459:2014
Informacije i dokumentacija – Kazalo elemenata bibliografskih podataka za uporabu pri **razmjene** podataka i **upita** (ISO 8459:2009)
Information and documentation – Bibliographic data element directory for use in data exchange and enquiry (ISO 8459:2009)
- **treba biti**
- HRN ISO 8459:2014
Informacije i dokumentacija – Kazalo elemenata bibliografskih podataka za uporabu pri **razmjeni** podataka i **upitima** (ISO 8459:2009)
Information and documentation – Bibliographic data element directory for use in data exchange and enquiry (ISO 8459:2009)
- **umjesto**
- HRN ISO 8777:2007
Informacije i dokumentacija – **Komande** za interaktivno pretraživanje teksta (ISO 8777:1993)
Information and documentation – Commands for interactive text searching (ISO 8777:1993)
- **treba biti**
- HRN ISO 8777:2007
Informacije i dokumentacija – **Naredbe** za interaktivno pretraživanje teksta (ISO 8777:1993)
Information and documentation – Commands for interactive text searching (ISO 8777:1993)
- **umjesto**
- HRN ISO 10196:2010
Primjena dokumenata kao slika – Preporuke za stvaranje izvornih dokumenata (ISO 10196:2003)
Document imaging applications – Recommendations for the creation of original documents (ISO 10196:2003)
- **treba biti**
- HRN ISO 10196:2010
Aplikacije za izradu preslika – Preporuke za stvaranje izvornih dokumenata (ISO 10196:2003)
Document imaging applications – Recommendations for the creation of original documents (ISO 10196:2003)
- **umjesto**
- HRN ISO 12650:2009
Aplikacije za **slikovnu pohranu dokumenata** – Mikrofilmiranje akromatskih nacrti na 35 mm mikrofilmu (ISO 12650:1999)
Document imaging applications – Microfilming of achromatic maps on 35 mm microfilm (ISO 12650:1999)
- **treba biti**
- HRN ISO 12650:2009
Aplikacije za **izradu preslika** – Mikrofilmiranje akromatskih nacrti na 35 mm mikrofilmu (ISO 12650:1999)
Document imaging applications – Microfilming of achromatic maps on 35 mm microfilm (ISO 12650:1999)
- **umjesto**
- HRI ISO/TR 14105:2014
Digitalizacija – Ljudska i organizacijska pitanja u uspješnoj primjeni upravljanja digitalizacijom (ISO/TR 14105:2011)
Document management – Change management for successful electronic document management system (EDMS) implementation (ISO/TR 14105:2011)
- **treba biti**
- HRI ISO/TR 14105:2014
Upravljanje dokumentima – Upravljanje promjenama za uspješno uvođenje sustava za elektroničko upravljanje dokumentima (ISO/TR 14105:2011)
Document management – Change management for successful electronic document management system (EDMS) implementation (ISO/TR 14105:2011)
- **umjesto**
- HRN ISO 14416:2004
Informacije i dokumentacija – **Uvjeti** za uvez knjiga, periodičkih i serijskih publikacija i ostalih papirnatih dokumenata koji se upotrebljavaju u arhivima i knjižnicama – Metode i materijali (ISO 14416:2003)
Information and documentation – Requirements for binding of books, periodicals, serials and other paper documents for archive and library use – Methods and materials (ISO 14416:2003)
- **treba biti**
- HRN ISO 14416:2004
Informacije i dokumentacija – **Zahtjevi** za uvez knjiga, periodičkih i serijskih publikacija i ostalih papirnatih dokumenata koji se upotrebljavaju u arhivima i knjižnicama – Metode i materijali (ISO 14416:2003)
Information and documentation – Requirements for binding of books, periodicals, serials and other paper documents for archive and library use – Methods and materials (ISO 14416:2003)

- **umjesto**
- HRN ISO 15706:2004
Informacije i dokumentacija – Međunarodni standardni **broj audiovizualnog djela** (ISAN) (ISO 15706:2002)
Information and documentation – International Standard Audiovisual Number (ISAN) (ISO 15706:2002)
- **treba biti**
- HRN ISO 15706:2004
Informacije i dokumentacija – Međunarodni standardni **audiovizualni broj** (ISAN) (ISO 15706:2002)
Information and documentation – International Standard Audiovisual Number (ISAN) (ISO 15706:2002)
- **umjesto**
- 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)
- **treba biti**
- HRN EN ISO/IEC 19788-1:2013
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci **izvora** 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)
- **umjesto**
- 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)
- **treba biti**
- HRN EN ISO/IEC 19788-2:2013
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci **izvora** za učenje – 2. dio: **Dublinski osnovni skup** (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)
- **umjesto**
- HRN EN ISO/IEC 19788-3:2014
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci **sredstava** za učenje – 3. dio: Osnovni profil aplikacije (ISO/IEC 19788-3:2011; EN ISO/IEC 19788-3:2013)
Information technology – Learning, education and training – Metadata for learning resources – Part 3: Basic application profile (ISO/IEC 19788-3:2011; EN ISO/IEC 19788-3:2013)

- **treba biti**
- HRN EN ISO/IEC 19788-3:2014
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci **izvora** za učenje – 3. dio: Osnovni profil aplikacije (ISO/IEC 19788-3:2011; EN ISO/IEC 19788-3:2013)
Information technology – Learning, education and training – Metadata for learning resources – Part 3: Basic application profile (ISO/IEC 19788-3:2011; EN ISO/IEC 19788-3:2013)
- **umjesto**
- HRN EN ISO/IEC 19788-5:2014
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci **sredstava** za učenje – 5. dio: Obrazovni elementi (ISO/IEC 19788-5:2012; EN ISO/IEC 19788-5:2014)
Information technology – Learning, education and training – Metadata for learning resources – Part 5: Educational elements (ISO/IEC 19788-5:2012; EN ISO/IEC 19788-5:2014)
- **treba biti**
- HRN EN ISO/IEC 19788-5:2014
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci **izvora** za učenje – 5. dio: Obrazovni elementi (ISO/IEC 19788-5:2012; EN ISO/IEC 19788-5:2014)
Information technology – Learning, education and training – Metadata for learning resources – Part 5: Educational elements (ISO/IEC 19788-5:2012; EN ISO/IEC 19788-5:2014)
- **umjesto**
- HRN ISO 23081-1:2008
Informacije i dokumentacija – Procesi **rukovanja** zapisima – Metapodaci za zapise – 1. dio: Načela (ISO 23081-1:2006)
Information and documentation – Records management processes – Metadata for records – Part 1: Principles (ISO 23081-1:2006)
- **treba biti**
- HRN ISO 23081-1:2008
Informacije i dokumentacija – Procesi **upravljanja** zapisima – Metapodaci za zapise – 1. dio: Načela (ISO 23081-1:2006)
Information and documentation – Records management processes – Metadata for records – Part 1: Principles (ISO 23081-1:2006)

HZN/TO 505, *Prijenos i distribucija plina*

- **umjesto**
- HRI CEN/TR 13737-1:2014
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)
- **treba biti**
- HRI CEN/TR 13737-1:2014
Uputa za primjenu **funkcionalnih** 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)

- **umjesto**
HRN EN 1594:2014
Plinska infrastruktura – Cjevovodi za najveći radni tlak preko 16 bara – **Funkcijski zahtjevi** (EN 1594:2013)
Gas infrastructure – Pipelines for maximum operating pressure over 16 bar – Functional requirements (EN 1594:2013)
- **treba biti**
HRN EN 1594:2014
Plinska infrastruktura – Cjevovodi za najveći radni tlak preko 16 bara – **Funkcionalni zahtjevi** (EN 1594:2013)
Gas infrastructure – Pipelines for maximum operating pressure over 16 bar – Functional requirements (EN 1594:2013)

HZN/TO 522, *Karakterizacija i zbrinjavanje otpada*

- **umjesto**
HRI CEN/TR 15463:2008
Karakterizacija mulja – Fizička čvrstoća – **Toksotropno** i piling ponašanje (CEN/TR 15463:2007)
Characterization of sludges – Physical consistency – Thixotropic behaviour and piling behaviour (CEN/TR 15463:2007)
- **treba biti**
HRI CEN/TR 15463:2008
Karakterizacija mulja – Fizička čvrstoća – **Tiksotropno** i piling ponašanje (CEN/TR 15463:2007)
Characterization of sludges – Physical consistency – Thixotropic behaviour and piling behaviour (CEN/TR 15463:2007)

HZN/TO E11, *Nadzemni vodovi*

- **umjesto**
HRN EN 50341-1:2008
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 1. dio: Opći zahtjevi – **Uobičajene** specifikacije (EN 50341-1:2001)
Overhead electrical lines exceeding AC 45 kV – Part 1: General requirements – **Common** specifications (EN 50341-1:2001)
- **treba biti**
HRN EN 50341-1:2008
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 1. dio: Opći zahtjevi – **Zajedničke** specifikacije (EN 50341-1:2001)
Overhead electrical lines exceeding AC 45 kV – Part 1: General requirements – **Common** specifications (EN 50341-1:2001)
- **umjesto**
HRN EN 50341-1:2013
Nadzemni električni vodovi izmjenične struje iznad 1 kV – 1. dio: Opći zahtjevi – **Uobičajene** specifikacije (EN 50341-1:2012)
Overhead electrical lines exceeding AC 1 kV – Part 1: General requirements – **Common** specifications (EN 50341-1:2012)
- **treba biti**
HRN EN 50341-1:2013
Nadzemni električni vodovi izmjenične struje iznad 1 kV – 1. dio: Opći zahtjevi – **Zajedničke** specifikacije (EN 50341-1:2012)
Overhead electrical lines exceeding AC 1 kV – Part 1: General requirements – **Common** specifications (EN 50341-1:2012)

- **umjesto**
HRN EN 50341-1:2008/A1:2014
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 1. dio: Opći zahtjevi – **Uobičajene** specifikacije (EN 50341-1:2001/A1:2009)
Overhead electrical lines exceeding AC 45 kV – Part 1: General requirements – **Common** specifications (EN 50341-1:2001/A1:2009)
- **treba biti**
HRN EN 50341-1:2008/A1:2014
Nadzemni električni vodovi izmjenične struje iznad 45 kV – 1. dio: Opći zahtjevi – **Zajedničke** specifikacije (EN 50341-1:2001/A1:2009)
Overhead electrical lines exceeding AC 45 kV – Part 1: General requirements – **Common** specifications (EN 50341-1:2001/A1:2009)
- **treba biti**
HRN EN 50423-1:2008
Nadzemni električni vodovi izmjenične struje iznad 1 kV do uključivo 45 kV – 1. dio: Opći zahtjevi – **Uobičajene** specifikacije (EN 50423-1:2005)
Overhead electrical lines exceeding AC 1 kV up to and including AC 45 kV – Part 1: General requirements – **Common** specifications (EN 50423-1:2005)
- **treba biti**
HRN EN 50423-1:2008
Nadzemni električni vodovi izmjenične struje iznad 1 kV do uključivo 45 kV – 1. dio: Opći zahtjevi – **Zajedničke** specifikacije (EN 50423-1:2005)
Overhead electrical lines exceeding AC 1 kV up to and including AC 45 kV – Part 1: General requirements – **Common** specifications (EN 50423-1:2005)

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 571, *Sport, igrališta i ostali rekreacijski sadržaji i oprema*

- HRN EN 1176-10:2008
Oprema za igrališta i igrališna površina – 10. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za potpuno zatvorenu opremu za igru (EN 1176-10:2008)
Playground equipment and surfacing – Part 10: Additional specific safety requirements and test methods for fully enclosed play equipment (EN 1176-10:2008)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 44, *Zavarivanje i srodni postupci*

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome jeziku:

- HRN EN ISO 6520-1:2008 hr-en pr-pp
Zavarivanje i srodni procesi – Razredba geometrijskih nepravilnosti u metalnim materijalima – 1. dio: Zavarivanje taljenjem (ISO 6520-1:2007; EN ISO 6520-1:2007)
Welding and allied processes – Classification of geometric imperfections in metallic materials – Part 1: Fusion welding (ISO 6520-1:2007; EN ISO 6520-1:2007)

HRN EN ISO 6520-2:2013 hr-en pr-pp
Zavarivanje i srodni procesi – Razredba
geometrijskih nepravilnosti u metalnim materijalima
– 2. dio: Zavarivanje pritiskom (ISO 6520-2:2013;
EN ISO 6520-2:2013)
Welding and allied processes – Classification of
geometric imperfections in metallic materials –
Part 2: Welding with pressure (ISO 6520-2:2013;
EN ISO 6520-2:2013)

HZN/ TO 504, *Korozija i zaštita metala i legura*

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

HRN EN ISO 2080:2010 hr-en pr-pp
Metalne i ostale anorganske prevlake – Površinska
obrada, metalne i ostale anorganske prevlake –
Terminološki rječnik (ISO 2080:2008;
EN ISO 2080:2009)
Metallic and other inorganic coatings – Surface
treatment, metallic and other inorganic coatings –
Vocabulary (ISO 2080:2008; EN ISO 2080:2009)

HZN/TO 548, *Konstruktivski eurokodovi*

Sljedeći hrvatski nacionalni dodaci objavljeni na hrvatskome jeziku sada su dostupni i na engleskome jeziku:

HRN EN 1991-1-1:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-1:
Opća djelovanja – Obujamske težine, vlastite težine
i uporabna opterećenja za zgrade – Nacionalni
dodatak
Eurocode 1: Actions on structures – Part 1-1:
General actions – Densities, self-weight, imposed
loads for buildings – National Annex

HRN EN 1991-1-2:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-2:
Opća djelovanja – Djelovanja na konstrukcije
izložene požaru – Nacionalni dodatak
Eurocode 1: Actions on structures – Part 1-2:
General actions – Actions on structures exposed to
fire – National Annex

HRN EN 1991-1-3:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – Dio
1-3: Opća djelovanja – Opterećenja snijegom –
Nacionalni dodatak
Eurocode 1: Actions on structures – Part 1-3:
General actions – Snow loads – National Annex

HRN EN 1991-1-4:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-4:
Opća djelovanja – Djelovanja vjetra – Nacionalni
dodatak
Eurocode 1: Actions on structures – Part 1-4:
General actions – Wind actions – National Annex

HRN EN 1991-1-5:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-5:
Opća djelovanja – Toplinska djelovanja – Nacionalni
dodatak
Eurocode 1: Actions on structures – Part 1-5:
General actions – Thermal actions – National Annex

HRN EN 1991-1-6:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – Dio 1-6:
Opća djelovanja – Djelovanja tijekom izvedbe –
Nacionalni dodatak
Eurocode 1: Actions on structures – Part 1-6:
General actions – Actions during execution –
National Annex

HRN EN 1991-1-7:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – Dio
1-7: Opća djelovanja – Izvanredna djelovanja –
Nacionalni dodatak
Eurocode 1: Actions on structures – Part 1-7:
General actions – Accidental actions – National
Annex

HRN EN 1991-2:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – 2. dio:
Prometna opterećenja mostova – Nacionalni
dodatak
Eurocode 1: Actions on structures – Part 2: Traffic
loads on bridges – National Annex

HRN EN 1991-3:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – 3. dio:
Djelovanja prouzročena kranovima i strojevima –
Nacionalni dodatak
Eurocode 1: Actions on structures – Part 3: Actions
induced by cranes and machinery – National Annex

HRN EN 1991-4:2012/NA:2012 hr-en izv
Eurokod 1: Djelovanja na konstrukcije – 4. dio: Silosi
i spremnici tekućina – Nacionalni dodatak
Eurocode 1: Actions on structures – Part 4: Silos and
tanks – National Annex

HRN EN 1992-1-1:2013/NA:2013 hr-en izv
Eurokod 2: Projektiranje betonskih konstrukcija –
Dio 1-1: Opća pravila i pravila za zgrade –
Nacionalni dodatak
Eurocode 2: Design of concrete structures –
Part 1-1: General rules and rules for buildings –
National Annex

HRN EN 1992-1-2:2013/NA:2013 hr-en izv
Eurokod 2: Projektiranje betonskih konstrukcija –
Dio 1-2: Opća pravila – Proračun konstrukcija na
djelovanje požara – Nacionalni dodatak
Eurocode 2: Design of concrete structures –
Part 1-2: General rules – Structural fire design –
National Annex

HRN EN 1992-2:2013/NA:2013 hr-en izv
Eurokod 2: Projektiranje betonskih konstrukcija –
2. dio: Betonski mostovi – Proračun i pravila razrade
detalja – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part
2: Concrete bridges – Design and detailing rules –
National Annex

HRN EN 1992-3:2013/NA:2013 hr-en izv
Eurokod 2: Projektiranje betonskih konstrukcija –
3. dio: Spremnici tekućina i sipkih tvari – Nacionalni
dodatak
Eurocode 2: Design of concrete structures –
Part 3: Liquid retaining and containment structures –
National Annex

2 Rezultati mednarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Europska normizacija CEN

EN ISO 16443:2014-07
Dentistry – Vocabulary for dental implants systems and
related procedure (ISO 16443:2014)

Međunarodna normizacija ISO

ISO 16443:2014-07
Dentistry – Vocabulary for dental implants systems
and related procedure

01.040.29 Elektrotehnika (Rječnici)

Međunarodna normizacija IEC

IEC 62504:2014-06
General lighting – Light emitting diode (LED) products
and related equipment – Terms and definitions
IEC 62747:2014-07
Terminology for voltage-sourced converters (VSC) for
high-voltage direct current (HVDC) systems

01.040.43 Cestovna vozila (Rječnici)

Međunarodna normizacija ISO

ISO 4210-1:2014-07
Cycles – Safety requirements for bicycles – Part 1:
Terms and definitions

01.040.55 Pakiranje i raspačavanje roba (Rječnici)

Europska normizacija CEN

EN 415-1:2014-07
Safety of packaging machines – Part 1: Terminology
and classification of packaging machines and
associated equipment

01.040.59 Tekstilna i kožna tehnologija (Rječnici)

Međunarodna normizacija ISO

ISO 11676:2014-06
Textile machinery and accessories – Pattern disks and
pattern chains for warp knitting machines – Vocabulary
and symbols
ISO 12912:2014-08
Circular knitting machines – Vocabulary

01.040.67 Prehrambena tehnologija (Rječnici)

Europska normizacija CEN

EN ISO 3493:2014-07
Vanilla – Vocabulary

Međunarodna normizacija ISO

ISO 3493:2014-07
Vanilla – Vocabulary

01.040.71 Kemijska tehnologija (Rječnici)

Europska normizacija CEN

EN ISO 9235/AC:2014-07
Aromatic natural raw materials – Vocabulary –
Technical Corrigendum 1 (ISO 9235:2013/Cor 1:2014)

Međunarodna normizacija ISO

ISO 9235 Technical Corrigendum 1:2014-05
Aromatic natural raw materials – Vocabulary; Technical
Corrigendum 1

01.040.75 Tehnologija nafte i srodne tehnologije (Rječnici)

Europska normizacija CEN

EN ISO 16559:2014-07
Solid biofuels – Terminology, definitions and
descriptions (ISO 16559:2014)

Međunarodna normizacija ISO

ISO 14532:2014-06
Natural gas – Vocabulary
ISO 16559:2014-07
Solid biofuels – Terminology, definitions and
descriptions

01.080.20 Grafički znakovi za uporabu na posebnoj opremi

Međunarodna normizacija ISO

ISO 2575 AMD 3:2014-07
Road vehicles – Symbols for controls, indicators and
tell-tales; Amendment 3

01.120 Normizacija. Opća pravila

Europska normizacija CEN-CENELEC

CEN-CENELEC Guide 28:2014-06
Guidelines for the public access of Eurocodes and
their National Annexes and Harmonized European
Standards under the Construction Products Regulation

Međunarodna normizacija IEC

IEC Guide 107:2014-07
Electromagnetic compatibility – Guide to the drafting
of electromagnetic compatibility publications

01.140.20 Informacijske znanosti

Međunarodna normizacija ISO

ISO 11620:2014-06
Information and documentation – Library performance
indicators

01.140.30 Dokumenti u upravi, trgovini i industriji

Europska normizacija CEN

EN ISO 3166-1:2014-07
Codes for the representation of names of countries and
their subdivisions – Part 1: Country codes (ISO 3166-
1:2013)

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Europska normizacija CEN

EN ISO 22300:2014-07
Societal security – Terminology (ISO 22300:2012)
EN ISO 22301:2014-07
Societal security – Business continuity management
systems – Requirements (ISO 22301:2012)

Međunarodna normizacija ISO

ISO 22397:2014-07
Societal security – Guidelines for establishing
partnering arrangements

03.100.30 Upravljanje ljudskim resursima

Međunarodna normizacija ISO

ISO/IEC 20006-1:2014-07
Information technology for learning, education and
training – Information model for competency – Part 1:
Competency general framework and information model

03.120.10 Upravljanje kvalitetom i osiguravanje kvalitete

Međunarodna normizacija ISO

ISO 10002:2014-07
Quality management – Customer satisfaction –
Guidelines for complaints handling in organizations

03.120.30 Primjena statističkih metoda

Međunarodna normizacija ISO

ISO 22514-1:2014-06
Statistical methods in process management –
Capability and performance – Part 1: General
principles and concepts
ISO 22514-8:2014-06
Statistical methods in process management –
Capability and performance – Part 8: Machine
performance of a multi-state production process
ISO 16336:2014-07
Applications of statistical and related methods to
new technology and product development process –
Robust parameter design (RPD)

03.220.30 Željeznički prijevoz

Međunarodna normizacija IEC

IEC 62290-1:2014-07
Railway applications – Urban guided transport
management and command/control systems – Part 1:
System principles and fundamental concepts
IEC 62290-2:2014-07
Railway applications – Urban guided transport
management and command/control systems – Part 2:
Functional requirements specification

03.240 Poštanske usluge

Europska normizacija CEN

CEN/TR 16706:2014-07
Postal Services – Quality of Service – Measurement
of incorrect delivery – Feasibility Report

07.100.30 Mikrobiologija hrane

Europska normizacija CEN

CEN ISO/TR 6579-3:2014-07
Microbiology of the food chain – Horizontal method
for the detection, enumeration and serotyping of
Salmonella – Part 3: Guidelines for serotyping of
Salmonella spp. (ISO/TR 6579-3:2014)

Međunarodna normizacija ISO

ISO/TR 6579-3:2014-07
Microbiology of the food chain – Horizontal method
for the detection, enumeration and serotyping of
Salmonella – Part 3: Guidelines for serotyping of
Salmonella spp.

11.040.01 Medicinska oprema općenito

Međunarodna normizacija IEC

IEC 60601-1 AMD 1 Corrigendum 1:2014-07
Medical electrical equipment – Part 1: General
requirements for basic safety and essential
performance; Amendment 1, Corrigendum 1

11.040.10 Anestzijska, respiracijska i reanimacijska oprema

Europska normizacija CEN

- EN ISO 18082:2014-06
Anaesthetic and respiratory equipment – Dimensions of non-interchangeable screw-threaded (NIST) low-pressure connectors for medical gases (ISO 18082:2014)
- EN ISO 80601-2-69:2014-07
Medical electrical equipment – Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment (ISO 80601-2-69:2014)

Međunarodna normizacija ISO

- ISO 18082:2014-06
Anaesthetic and respiratory equipment – Dimensions of non-interchangeable screw-threaded (NIST) low-pressure connectors for medical gases
- ISO 80601-2-69:2014-07
Medical electrical equipment – Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment

IEC

- IEC 60601-1-12:2014-06
Medical electrical equipment – Part 1-12: General requirements for basic safety and essential performance – Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment

11.040.20 Transfuzijska, infuzijska i injekcijska oprema

Europska normizacija CEN

- EN ISO 8871-5:2014-07
Elastomeric parts for parenterals and for devices for pharmaceutical use – Part 5: Functional requirements and testing (ISO 8871-5:2005)

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Europska normizacija CEN

- EN ISO 7199:2014-08
Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators) (ISO 7199:2009 + Amd 1:2012)

Međunarodna normizacija ISO

- ISO 13179-1:2014-06
Implants for surgery – Plasma-sprayed unalloyed titanium coatings on metallic surgical implants – Part 1: General requirements
- ISO 23317:2014-06
Chirurgische Implantate – In vitro Messung der Apatit-Bildungsfähigkeit von Implantatwerkstoffen
Implants for surgery – In vitro evaluation for apatite-forming ability of implant materials

11.040.50 Radiografijska oprema

Međunarodna normizacija IEC

- IEC 60601-2-1 AMD 1:2014-07
Medical electrical equipment – Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV
- IEC 60601-2-1 Edition 3.1:2014-07
Medical electrical equipment – Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV

11.040.55 Dijagnostička oprema

Europska normizacija CENELEC

- EN 60601-2-34:2014-06
Medical electrical equipment – Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment (IEC 60601-2-34:2011)

11.040.60 Terapeutska oprema

Europska normizacija CENELEC

- EN 60601-2-36
Medical electrical equipment – Part 2-36: Particular requirements for the basic safety and essential performance of equipment for extracorporeally induced lithotripsy (IEC 60601-2-36:2014)

11.040.70 Oftalmološka oprema

Europska normizacija CEN

- EN ISO 10343:2014-07
Ophthalmic instruments – Ophthalmometers (ISO 10343:2014)
- EN ISO 11979-10/A1:2014-08
Ophthalmic implants – Intraocular lenses – Part 10: Phakic intraocular lenses (ISO 11979-10:2006/Amd 1:2014)

Međunarodna normizacija ISO

- ISO 10343:2014-07
Ophthalmic instruments – Ophthalmometers
- ISO 11617:2014-07
Buildings and civil engineering works – Sealants – Determination of changes in cohesion and appearance of elastic weatherproofing sealants after exposure of statically cured specimens to artificial weathering and mechanical cycling

11.060.01 Zubarstvo općenito

Europska normizacija CEN

- EN ISO 16443:2014-07
Dentistry – Vocabulary for dental implants systems and related procedure (ISO 16443:2014)

**Međunarodna normizacija
ISO**

ISO 16443:2014-07
Dentistry – Vocabulary for dental implants systems
and related procedure

11.060.25 Zubarski instrumenti

**Međunarodna normizacija
ISO**

ISO 11499:2014-06
Dentistry – Single-use cartridges for local anaesthetics

**11.080.01 Sterilizacija i dezinfekcija
općenito**

**Europska normizacija
CEN**

EN ISO 11135:2014-07
Sterilization of health-care products – Ethylene oxide –
Requirements for the development, validation and
routine control of a sterilization process for medical
devices (ISO 11135:2014)

**Međunarodna normizacija
ISO**

ISO 11135:2014-07
Sterilization of health-care products – Ethylene oxide –
Requirements for the development, validation and
routine control of a sterilization process for medical
devices

11.080.10 Sterilizacijska oprema

**Europska normizacija
CEN**

EN ISO 15883-1/A1:2014-07
Washer-disinfectors – Part 1: General requirements,
terms and definitions and tests (ISO 15883-1:2006/
Amd 1:2014)

**Međunarodna normizacija
ISO**

ISO 15883-1 AMD 1:2014-07
Washer-disinfectors – Part 1: General requirements,
terms and definitions and tests; Amendment 1

11.080.30 Sterilizirani zavoji

**Europska normizacija
CEN**

EN ISO 11607-1/A1:2014-07
Packaging for terminally sterilized medical devices –
Part 1: Requirements for materials, sterile barrier
systems and packaging systems (ISO 11607-1:2009/
Amd 1:2014)

EN ISO 11607-2/A1:2014-07
Packaging for terminally sterilized medical devices –
Part 2: Validation requirements for forming, sealing and
assembly processes (ISO 11607-2:2006/Amd 1:2014)

**Međunarodna normizacija
ISO**

ISO 11607-1 AMD 1:2014-07
Packaging for terminally sterilized medical devices –
Part 1: Requirements for materials, sterile barrier
systems and packaging systems; Amendment 1

ISO 11607-2 AMD 1:2014-07
Packaging for terminally sterilized medical devices –
Part 2: Validation requirements for forming, sealing
and assembly processes; Amendment 1

**11.180.10 Pomagala i prilagodbe za
kretanje**

**Međunarodna normizacija
ISO**

ISO/TR 13570-2:2014-06
Wheelchairs – Part 2: Typical values and recommended
limits of dimensions, mass and manoeuvring space as
determined in ISO 7176-5

**11.180.99 Druge norme povezane s pomoći
za invalidne i hendikepirane
osobe**

**Međunarodna normizacija
ISO**

ISO/IEC TR 13066-6:2014-07
Information technology – Interoperability with Assistive
Technology (AT) – Part 6: Java accessibility application
programming interface (API)

13.020.60 Životni ciklusi proizvoda

**Europska normizacija
CEN**

CEN/TR 16721:2014-08
Bio-based products – Overview of methods to
determine the bio- based content

**13.020.99 Druge norme koje se odnose na
zaštitu okoliša**

**Međunarodna normizacija
ISO**

ISO 17325-1:2014-06
Ships and marine technology – Marine environment
protection – Oil booms – Part 1: Design requirements

**13.030.40 Instalacije i oprema za odlaganje
i obradbu otpada**

**Europska normizacija
CEN**

EN 16500:2014-08
Machines for compacting waste materials or recyclable
fractions – Vertical baling presses – Safety requirements

3.040.20 Atmosfera okoliša

Europska normizacija

CEN

- EN ISO 16000-32:2014-07
Indoor air – Part 32: Investigation of buildings for the occurrence of pollutants (ISO 16000-32:2014)

Međunarodna normizacija

ISO

- ISO 12219-5:2014-05
Interior air of road vehicles – Part 5: Screening method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials – Static chamber method
- ISO 16000-27:2014-06
Indoor air – Part 27: Determination of settled fibrous dust on surfaces by SEM (scanning electron microscopy) (direct method)
- ISO 16000-29:2014-06
Indoor air – Part 29: Test methods for VOC detectors
- ISO 16000-32:2014-07
Indoor air – Part 32: Investigation of buildings for the occurrence of pollutants

13.040.30 Atmosfera u radnome prostoru

Europska normizacija

CEN

- EN 13205-1:2014-06
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 1: General requirements
- EN 13205-2:2014-06
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 2: Laboratory performance test based on determination of sampling efficiency
- CEN/TR 13205-3:2014-06
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 3: Analysis of sampling efficiency data
- EN 13205-4:2014-06
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 4: Laboratory performance test based on comparison of concentrations
- EN 13205-5:2014-06
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 5: Aerosol sampler performance test and sampler comparison carried out at workplaces
- EN 13205-6:2014-06
Workplace exposure – Assessment of sampler performance for measurement of airborne particle concentrations – Part 6: Transport and handling tests

13.060.10 Voda iz prirodnih izvora

Međunarodna normizacija

ISO

- ISO 5667-6:2014-07
Water quality – Sampling – Part 6: Guidance on sampling of rivers and streams

13.060.20 Voda za piće

Europska normizacija

CEN

- EN 12873-1:2014-07
Influence of materials on water intended for human consumption – Influence due to migration – Part 1: Test method for factory-made products made from or incorporating organic or glassy (porcelain/vitreous enamel) materials

13.060.45 Ispitivanje vode općenito, uključujući uzorkovanje

Europska normizacija

CEN

- EN 16479:2014-07
Water quality – Performance requirements and conformity test procedures for water monitoring equipment – Automated sampling devices (samplers) for water and waste water

Međunarodna normizacija

ISO

- ISO 5667-6:2014-07
Water quality – Sampling – Part 6: Guidance on sampling of rivers and streams

13.060.50 Ispitivanje voda na kemijske tvari

Međunarodna normizacija

ISO

- ISO 17289:2014-07
Water quality – Determination of dissolved oxygen – Optical sensor method

13.220.10 Vatrogastvo

Europska normizacija

CEN

- EN 694:2014-07
Fire-fighting hoses – Semi-rigid hoses for fixed systems

13.220.20 Zaštita od požara

Međunarodna normizacija

ISO

- ISO 7240-1:2014-06
Fire detection and alarm systems – Part 1: General and definitions
- ISO 7240-15:2014-07
Fire detection and alarm systems – Part 15: Point-type fire detectors using smoke and heat sensors

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija

CEN

- EN ISO 8030:2014-07
Rubber and plastics hoses – Method of test for flammability (ISO 8030:2014)

CENELEC

EN 60695-2-11:2014-07

Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products (GWEPT) (IEC 60695-2-11:2014)

Međunarodna normizacija

ISO

ISO 8030:2014-07

Rubber and plastics hoses – Method of test for flammability

13.220.50 Vatrootpornost građevnih materijala i elemenata

Europska normizacija

CEN

EN 15269-5:2014-06

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows

13.230 Zaštita od eksplozija

Europska normizacija

CEN

EN 1127-2:2014-06

Explosive atmospheres – Explosion prevention and protection – Part 2: Basic concepts and methodology for mining

13.240 Zaštita od previsokoga tlaka

Europska normizacija

CEN

EN ISO 4126-6:2014-06

Safety devices for protection against excessive pressure – Part 6: Application, selection and installation of bursting disc safety devices (ISO 4126-6:2014)

Međunarodna normizacija

ISO

ISO 4126-6:2014-06

Safety devices for protection against excessive pressure – Part 6: Application, selection and installation of bursting disc safety devices

13.260 Zaštita od električnog udara

Međunarodna normizacija

IEC

IEC 60903:2014-07

Live working – Electrical insulating gloves

IEC 60984:2014-07

Live working – Electrical insulating sleeves

13.280 Zaštita od zračenja

Europska normizacija

CENELEC

EN 60825-1

Sicherheit von Lasereinrichtungen – Teil 1: Klassifizierung von Anlagen und Anforderungen (IEC 60825-1:2014)

13.310 Zaštita od kriminala

Europska normizacija

CENELEC

EN 62676-1-1/AC:2014-07

Video surveillance systems for use in security applications – Part 1-1: System requirements – General

Međunarodna normizacija

ISO

ISO 16678:2014-07

Guidelines for interoperable object identification and related authentication systems to deter counterfeiting and illicit trade

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija

CENELEC

EN 50131-10:2014-06

Alarm systems – Intrusion and hold-up systems – Part 10: Application specific requirements for supervised premises transceiver (SPT)

EN 60079-29-3:2014-06

Explosive atmospheres – Part 29-3: Gas detectors – Guidance on functional safety of fixed gas detection systems (IEC 60079-29-3:2014)

EN 16334:2014-08

Railway applications – Passenger Alarm System – System requirements

Međunarodna normizacija

IEC

IEC 60839-5-1:2014-07

Alarm electronic security systems – Part 5-1: Alarm transmission systems – General requirements

IEC 60839-11-2:2014-07

Alarm and electronic security systems – Electronic access control systems – Part 11-2: Application guidelines

13.340.40 Zaštita ruku i šaka

Međunarodna normizacija

IEC

IEC 60903:2014-07

Live working – Electrical insulating gloves

IEC 60984:2014-07

Live working – Electrical insulating sleeves

17.040.30 Mjerni instrumenti

Europska normizacija

CEN

- EN ISO 1101/AC:2014-06
Geometrical product specifications (GPS) –
Geometrical tolerancing – Tolerances of form,
orientation, location and run-out – Technical
Corrigendum 1 (ISO 1101:2012/Cor 1:2013)

17.100 Mjerenje sile, težine i tlaka

Europska normizacija

CEN

- EN 45501
Metrologische Aspekte der nichtselbsttätigen Waagen

17.120.20 Protok u otvorenim kanalima

Međunarodna normizacija

ISO

- ISO 11657:2014-07
Hydrometry – Suspended sediment in streams and
canals – Determination of concentration by surrogate
techniques

17.140.20 Buka koju proizvode strojevi i oprema

Europska normizacija

CEN

- EN ISO 9902-1/A2:2014-07
Textile machinery – Noise test code – Part 1:
Common requirements – Amendment 2
(ISO 9902-1:2001/Amd 2:2014)
- EN ISO 9902-2/A2:2014-06
Textile machinery – Noise test code – Part 2:
Spinning preparatory and spinning machinery –
Amendment 2 (ISO 9902-2:2001/Amd 2:2014)
- EN ISO 9902-3/A2:2014-06
Textile machinery – Noise test code – Part 3:
Nonwoven machinery – Amendment 2
(ISO 9902-3:2001/Amd 2:2014)
- EN ISO 9902-4/A2:2014-06
Textile machinery – Noise test code – Part 4: Yarn
processing, cordage and rope manufacturing
machinery – Amendment 2 (ISO 9902-4:2001/
Amd 2:2014)
- EN ISO 9902-5/A2:2014-06
Textile machinery – Noise test code – Part 5:
Weaving and knitting preparatory machinery
(ISO 9902-5:2001/Amd 2:2014)
- EN ISO 9902-6/A2:2014-06
Textile machinery – Noise test code – Part 6: Fabric
manufacturing machinery
(ISO 9902-6:2001/Amd 2:2014)
- EN ISO 9902-7/A2:2014-06
Textile machinery – Noise test code – Part 7: Dyeing
and finishing machinery
(ISO 9902-7:2001/Amd 2:2014)

Međunarodna normizacija

ISO

- ISO 9902-2 AMD 2:2014-06
Textile machinery – Noise test code – Part 2:
Spinning preparatory and spinning machinery;
Amendment 2
- ISO 9902-3 AMD 2:2014-06
Textile machinery – Noise test code – Part 3:
Nonwoven machinery; Amendment 2
- ISO 9902-4 AMD 2:2014-06
Textile machinery – Noise test code – Part 4: Yarn
processing, cordage and rope manufacturing
machinery; Amendment 2
- ISO 9902-5 AMD 2:2014-06
Textile machinery – Noise test code – Part 5:
Weaving and knitting preparatory machinery;
Amendment 2
- ISO 9902-6 AMD 2:2014-06
Textile machinery – Noise test code – Part 6: Fabric
manufacturing machinery; Amendment 2
- ISO 9902-7 AMD 2:2014-06
Textile machinery – Noise test code – Part 7: Dyeing
and finishing machinery; Amendment 2
- ISO 11200:2014-06
Acoustics – Noise emitted by machinery and
equipment – Guidelines for the use of basic
standards for the determination of emission sound
pressure levels at a work station and at other
specified positions
- ISO 9902-1 AMD 2:2014-07
Textile machinery – Noise test code – Part 1:
Common requirements; Amendment 2

17.140.30 Buka koju proizvode prijevozna sredstva

Europska normizacija

CEN

- EN 16272-3-2:2014-07
Railway applications – Track – Noise barriers
and related devices acting on airborne sound
propagation – Test method for determining the
acoustic performance – Part 3-2: Normalized railway
noise spectrum and single number ratings for direct
field applications

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija

ISO

- ISO 16063-16:2014-06
Methods for the calibration of vibration and shock
transducers – Part 16: Calibration by Earth's gravitation
- ISO 10816-8:2014-071
Mechanical vibration – Evaluation of machine vibration
by measurements on non-rotating parts – Part 8:
Reciprocating compressor systems
- ISO 16063-42:2014-07
Methods for the calibration of vibration and shock
transducers – Part 42: Calibration of seismometers with
high accuracy using acceleration of gravity

17.180.20 Boje i mjerenje svjetlosti

Europska normizacija CEN

- EN 61966-12-2:2014-05
Multimedia systems and equipment – Colour measurement and management – Part 12-2: Simple Metadata format for identification of colour gamut (IEC 61966-12-2:2014)

Međunarodna normizacija ISO

- ISO/CIE 19476:2014-06
Characterization of the performance of illuminance meters and luminance meters

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija CENELEC

- EN 62586-1:2014-06
Power quality measurement in power supply systems – Part 1: Power quality instruments (PQI) (IEC 62586-1:2013)
- EN 62586-2:2014-06
Power Quality Measurement in power supply systems – Part 2: Functional tests and uncertainty requirements (IEC 62586-2:2013)

17.240 Mjerenja zračenja

Europska normizacija CENELEC

- EN 50566/AC:2014-06
Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz – 6 GHz)
- EN 60846-1
Radiation protection instrumentation - Ambient and/or directional dose equivalent (rate) meters and/or monitors for beta, X and gamma radiation - Part 1: Portable workplace and environmental meters and monitors (IEC 60846-1:2009)

Međunarodna normizacija IEC

- IEC 60860:2014-06
Radiation protection instrumentation – Warning equipment for criticality accidents
- IEC 61005:2014-07
Radiation protection instrumentation – Neutron ambient dose equivalent (rate) meters
- IEC 61577-2:2014-07
Radiation protection instrumentation – Radon and radon decay product measuring instruments – Part 2: Specific requirements for 222 Rn and 220 Rn measuring instruments

19.100 Nerazorna ispitivanja

Europska normizacija CEN

- EN ISO 17405:2014-07
Non-destructive testing – Ultrasonic testing – Technique of testing claddings produced by welding, rolling and explosion (ISO 17405:2014)

Međunarodna normizacija ISO

- ISO 12715:2014-06
Non-destructive testing – Ultrasonic testing – Reference blocks and test procedures for the characterization of contact probe sound beams
- ISO 17405:2014-07
Non-destructive testing – Ultrasonic testing – Technique of testing claddings produced by welding, rolling and explosion

19.120 Analiza veličine čestica. Prosijavanje

Međunarodna normizacija ISO

- ISO 13099-3:2014-07
Colloidal systems – Methods for zeta potential determination – Part 3: Acoustic methods

21.060.01 Pričvršćivači općenito

Međunarodna normizacija ISO

- ISO 10683:2014-05
Fasteners – Non-electrolytically applied zinc flake coatings
- ISO 13469:2014-07
Mechanical joining – Form-fit blind rivets and (lock) bolt joints – Specifications and qualification of testing procedures

21.060.10 Svornjaci, vijci, usadni vijci

Europska normizacija CEN

- EN ISO 4017:2014-06
Fasteners – Hexagon head screws – Product grades A and B (ISO 4017:2014)

Međunarodna normizacija ISO

- ISO 4017:2014-06
Fasteners – Hexagon head screws – Product grades A and B

21.100.10 Klizni ležajevi

Međunarodna normizacija ISO

- ISO 3548-1:2014-06
Plain bearings – Thin-walled half bearings with or without flange – Part 1: Tolerances, design features and methods of test

ISO/TR 17606:2014-06

Plain bearings – Lubrication characteristics of crosshead pin bearings for low-speed marine diesel engines

21.100.20 Valjni ležajevi

Međunarodna normizacija ISO

ISO 492:2014-07

Rolling bearings – Radial bearings – Dimensional and geometrical tolerances

21.200 Zupčanici

Međunarodna normizacija ISO

ISO 14104:2014-06

Gears – Surface temper etch inspection after grinding, chemical method

23.020.20 Posude i kontejneri ugrađeni na vozila

Europska normizacija CEN

EN 13001-3-2:2014-08

Cranes – General design – Part 3-2: Limit states and proof of competence of wire ropes in reeving systems

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija CEN

EN ISO 10297:2014-07

Gas cylinders – Cylinder valves – Specification and type testing (ISO 10297:2014)

EN ISO 14246:2014-07

Gas cylinders – Cylinder valves – Manufacturing tests and examinations (ISO 14246:2014)

Međunarodna normizacija ISO

ISO 14246:2014-06

Gas cylinders – Cylinder valves – Manufacturing tests and examinations

ISO 9809-4:2014-07

Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 4: Stainless steel cylinders with an Rm value of less than 1 100 MPa

ISO 10297:2014-07

Gas cylinders – Cylinder valves – Specification and type testing

23.040.20 Plastične cijevi

Međunarodna normizacija ISO

ISO 8779 AMD 1:2014-06

Plastics piping systems – Polyethylene (PE) pipes for irrigation – Specifications; Amendment 1

ISO 17484-1:2014-06

Plastics piping systems – Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) – Part 1: Specifications for systems

23.040.45 Plastični fitinzi

Međunarodna normizacija ISO

ISO 17484-1:2014-06

Plastics piping systems – Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) – Part 1: Specifications for systems

23.040.70 Crijeva i crijevni sklopovi

Europska normizacija CEN

EN 694:2014-07

Fire-fighting hoses – Semi-rigid hoses for fixed systems

EN ISO 3949:2014-07

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

EN ISO 8030:2014-07

Rubber and plastics hoses – Method of test for flammability (ISO 8030:2014)

Međunarodna normizacija ISO

ISO 6808:2014-07

Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids – Specification

ISO 8030:2014-07

Rubber and plastics hoses – Method of test for flammability

ISO 27127:2014-07

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas – Specification

23.060.40 Regulatori tlaka

Europska normizacija CEN

EN ISO 10297:2014-07

Gas cylinders – Cylinder valves – Specification and type testing (ISO 10297:2014)

Međunarodna normizacija ISO

ISO 10297:2014-07

Gas cylinders – Cylinder valves – Specification and type testing

23.100.40 Cijevovodi i spojnice

Europska normizacija CEN

EN ISO 3949:2014-07

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

25.080.50 Strojevi za brušenje i poliranje

Međunarodna normizacija ISO

ISO 1986-1:2014-06

Test conditions for surface grinding machines with horizontal grinding wheel spindle and reciprocating table – Testing of the accuracy – Part 1: Machines with table length of up to 1600 mm

25.100.01 Alati za rezanje općenito

Međunarodna normizacija ISO

ISO 16462:2014-06

Cubic boron nitride inserts, tipped or solid – Dimensions, types

25.100.10 Alati za tokarenje

Međunarodna normizacija ISO

ISO 242:2014-07

Carbide tips for brazing on turning tools

ISO 243:2014-07

Turning tools with carbide tips – External tools

ISO 514:2014-07

Turning tools with carbide tips – Internal tools

25.100.70 Abrazivi

Međunarodna normizacija ISO

ISO 603-17:2014-07

Bonded abrasive products – Dimensions – Part 17: Spindle mounted wheels (ISO type 52)

25.120.10 Oprema za kovanje. Preše. Škare

Europska normizacija CEN

EN 16500:2014-08

Machines for compacting waste materials or recyclable fractions – Vertical baling presses – Safety requirements

25.140.20 Električni alati

Europska normizacija CENELEC

EN 60745-2-3/A11:2014-05

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

Međunarodna normizacija IEC

IEC 62841-2-4:2014-06

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type

IEC 62841-2-5:2014-06

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-5: Particular requirements for hand-held circular saws

IEC 62841-3-1:2014-06

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws

25.160.10 Procesi zavarivanja

Europska normizacija CEN

EN ISO 15614-12:2014-07

Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 12: Spot, seam and projection welding (ISO 15614-12:2014)

Međunarodna normizacija ISO

ISO 15614-12:2014-07

Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 12: Spot, seam and projection welding

25.160.50 Tvrdi i meki lemljenje

Europska normizacija CEN

EN ISO 9455-5:2014-07

Soft soldering fluxes – Test methods – Part 5: Copper mirror test (ISO 9455-5:2014)

EN ISO 9453:2014-08

Soft solder alloys – Chemical compositions and forms (ISO 9453:2014)

Međunarodna normizacija ISO

ISO 9455-5:2014-07

Soft soldering fluxes – Test methods – Part 5: Copper mirror test

25.220.40 Prevlačenje kovinama

Međunarodna normizacija ISO

ISO 10683:2014-05

Fasteners – Non-electrolytically applied zinc flake coatings

25.220.60 Organsko premazivanje

Europska normizacija CEN

EN 13523-4:2014-07

Coil coated metals – Test methods – Part 4: Pencil hardness

27.010 Tehnika prenosa energije i topline općenito

Međunarodna normizacija ISO

ISO 50002:2014-07
Energy audits – Requirements with guidance for use

27.020 Motori s unutrašnjim izgaranjem

Međunarodna normizacija ISO

ISO 4548-15:2014-07
Methods of test for full-flow lubricating oil filters for internal combustion engines – Part 15: Vibration fatigue test for composite filter housings

27.060.20 Plinski plamenici

Europska normizacija CEN

EN 16340:2014-06
Safety and control devices for burners and appliances burning gaseous or liquid fuels – Combustion product sensing devices

27.060.30 Kotlovi i izmjenjivači topline

Europska normizacija CEN

EN 15502-2-2:2014-07
Gas-fired central heating boilers – Part 2-2: Specific standard for type B1 appliances

27.080 Dizalice topline

Međunarodna normizacija ISO

ISO 16345:2014-06
Water-cooling towers – Testing and rating of thermal performance

27.120.20 Nuklearne elektrane. Sigurnost

Međunarodna normizacija IEC

IEC 60860:2014-06
Radiation protection instrumentation – Warning equipment for criticality accidents

IEC 62705:2014-07
Nuclear power plants – Instrumentation and control important to safety – Radiation Monitoring Systems (RMS) – Characteristics and lifecycle

IEC/TR 62918:2014-07
Nuclear power plants – Instrumentation and control important to safety – Technical report on use and selection of wireless devices to be integrated in systems important to safety

27.120.30 Fisijska gradiva

Međunarodna normizacija IEC

ISO 15366-1:2014-07
Nuclear fuel technology – Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and isotopic dilution analysis by solvent extraction chromatography – Part 1: Samples containing plutonium in the microgram range and uranium in the milligram range

ISO 15366-2:2014-07
Nuclear fuel technology – Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and isotopic dilution analysis by solvent extraction chromatography – Part 2: Samples containing plutonium and uranium in the nanogram range and below

ISO 15646:2014-06
Re-sintering test for UO_2 , $(\text{U,Gd})\text{O}_2$ and $(\text{U,Pu})\text{O}_2$ pellets

27.160 Solarna energetika

Europska normizacija CEN

EN ISO 22975-3:2014-07
Solar energy – Collector components and materials – Part 3: Absorber surface durability (ISO 22975-3:2014)

Međunarodna normizacija ISO

ISO 22975-3:2014-07
Solar energy – Collector components and materials – Part 3: Absorber surface durability

27.190 Biološki izvori i drugi alternativni izvori energije

Europska normizacija CEN

EN ISO 16559:2014-07
Solid biofuels – Terminology, definitions and descriptions (ISO 16559:2014)

Međunarodna normizacija ISO

ISO 16559:2014-07
Solid biofuels – Terminology, definitions and descriptions

29.020 Elektrotehnika općenito

Europska normizacija CENELEC

CEN-CENELEC Guide 32:2014-07
Guidelines for Safety Related Risk Assessment and Risk Reduction for Low Voltage Equipment

EN 60695-2-11:2014-07
Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products (GWEPT) (IEC 60695-2-11:2014)

29.050 Supravodljivost i vodljivi materijali

Međunarodna normizacija IEC

IEC/TR 61788-20:2014-07

Superconductivity – Part 20: Superconducting wires –
Categories of practical superconducting wires –
General characteristics and guidance

29.060.10 Žice

Europska normizacija CENELEC

EN 60317-53:2014-07

Specifications for particular types of winding wires –
Part 53: Aromatic polyamide (aramid) tape wrapped
rectangular copper wire, temperature index 220
(IEC 60317-53:2014)

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija CENELEC

EN 60871-4:2014-07

Shunt capacitors for AC power systems having a
rated voltage above 1000 V – Part 4: Internal fuses
(IEC 60871-4:2014)

Međunarodna normizacija IEC

IEC 60269-1 AMD 2:2014-06

Low-voltage fuses – Part 1: General requirements

IEC 60269-1 Edition 4.2:2014-06

Low-voltage fuses – Part 1: General requirements

IEC 60282-1 AMD 1:2014-07

High-voltage fuses – Part 1: Current-limiting fuses

IEC 60282-1 Edition 7.1:2014-07

High-voltage fuses – Part 1: Current-limiting fuses

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Europska normizacija CENELEC

EN 62271-202:2014-06

High-voltage switchgear and controlgear – Part 202:
High-voltage/low-voltage prefabricated substation
(IEC 62271-202:2014)

EN 62271-211:2014-06

High-voltage switchgear and controlgear – Part 211:
Direct connection between power transformers and
gas-insulated metal-enclosed switchgear for rated
voltages above 52 kV (IEC 62271-211:2014)

EN 62271-201:2014-07

High-voltage switchgear and controlgear – Part 201: AC
solid-insulation enclosed switchgear and controlgear
for rated voltages above 1 kV and up to and including
52 kV (IEC 62271-201:2014)

Međunarodna normizacija IEC

IEC 62271-102 Corrigendum 4:2014-06

High-voltage switchgear and controlgear – Part 102:
Alternating current disconnectors and earthing
switches; Corrigendum 4

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Europska normizacija CENELEC

EN 60947-4-3:2014-06

Low-voltage switchgear and controlgear – Part 4-3:
Contactors and motor-starters – AC semiconductor
controllers and contactors for non-motor loads
(IEC 60947-4-3:2014)

29.140.01 Svjetiljke općenito

Međunarodna normizacija IEC

IEC/TR 62778:2014-05

Application of IEC 62471 for the assessment of blue
light hazard to light sources and luminaires

IEC/TR 62778 Corrigendum 1:2014-07

Application of IEC 62471 for the assessment of
blue light hazard to light sources and luminaires;
Corrigendum 1

29.140.10 Kape i držači svjetiljki

Međunarodna normizacija IEC

IEC 60400 AMD 2:2014-06

Lampholders for tubular fluorescent lamps and
starterholders

IEC 60400 Edition 7.2:2014-06

Lampholders for tubular fluorescent lamps and
starterholders

29.140.20 Svjetiljke sa žarnom niti

Međunarodna normizacija IEC

IEC 60630 AMD 7:2014-06

Maximum lamp outlines for incandescent lamps

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Europska normizacija CENELEC

EN 60968/A11:2014-07

Self-ballasted lamps for general lighting services –
Safety requirements

Međunarodna normizacija IEC

IEC 61199 AMD 2:2014-08

Single-capped fluorescent lamps – Safety
specifications; Amendment 2

IEC 61199 Edition 3.2:2014-07
Single-capped fluorescent lamps – Safety specifications

29.140.40 Rasvjetna tijela

Međunarodna normizacija IEC

IEC 60598-2-22:2014-06
Luminaires – Part 2-22: Particular requirements –
Luminaires for emergency lighting

29.140.50 Rasvjetni instalacijski sustavi

Međunarodna normizacija IEC

IEC 61534-1 AMD 1:2014-06
Powertrack systems – Part 1: General requirements
IEC 61534-1 Edition 2.1:2014-06
Powertrack systems – Part 1: General requirements
IEC 61534-21: 014-06
Powertrack systems – Part 21: Particular requirements
for powertrack systems intended for wall and ceiling
mounting
IEC 61534-22:2014-06
Powertrack systems – Part 22: Particular requirements
for powertrack systems intended for onfloor or
underfloor installation

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

EN 62442-2:2014-05
Energy performance of lamp controlgear – Part 2:
Controlgear for high intensity discharge lamps
(excluding fluorescent lamps) – Method of
measurement to determine the efficiency of the
controlgear (IEC 62442-2:2014)
EN 62442-3:2014-07
Energy performance of lamp controlgear – Part 3:
Controlgear for halogen lamps and LED modules –
Method of measurement to determine the efficiency
of the controlgear (IEC 62442-3:2014)

Međunarodna normizacija IEC

IEC 62504:2014-06
General lighting – Light emitting diode (LED) products
and related equipment – Terms and definitions

29.160.01 Rotacijski strojevi općenito

Međunarodna normizacija IEC

IEC 60034-2-1:2014-06
Rotating electrical machines – Part 2-1: Standard
methods for determining losses and efficiency from
tests (excluding machines for traction vehicles)

29.180 Transformatori. Prigušnice

Europska normizacija CENELEC

EN 61558-2-10:2014-05
Safety of transformers, reactors, power supply units
and combinations thereof – Part 2-10: Particular
requirements and tests for separating transformers
with high insulation level and separating transformers
with output voltages exceeding 1000 V
(IEC 61558-2-10:2014)

Međunarodna normizacija IEC

IEC 62695:2014-07
Railway applications – Fixed installations – Traction
transformers

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Međunarodna normizacija IEC

IEC 62747:2014-07
Terminology for voltage-sourced converters (VSC) for
high-voltage direct current (HVDC) systems

29.220.20 Kiseli sekundarni članci i baterije

Međunarodna normizacija IEC

IEC 62485-3:2014-07
Safety requirements for secondary batteries and
battery installations – Part 3: Traction batteries

29.240.10 Podstanice. Odvodnici tranzijenata

Međunarodna normizacija IEC

IEC 60099-4:2014-06
Surge arresters – Part 4: Metal-oxide surge arresters
without gaps for a.c. systems
IEC 60099-9:2014-06
Surge arresters – Part 9: Metal-oxide surge arresters
without gaps for HVDC converter stations

29.240.30 Nadzorni i upravljački uređaji za elektroenergetske sustave

Europska normizacija CENELEC

EN 60079-29-3:2014-06
Explosive atmospheres – Part 29-3: Gas detectors –
Guidance on functional safety of fixed gas detection
systems (IEC 60079-29-3:2014)

Međunarodna normizacija IEC

IEC 60079-1:2014-06
Explosive atmospheres – Part 1: Equipment protection
by flameproof enclosures „d“

29.260.20 Električni uređaji za eksplozivnu atmosferu

Međunarodna normizacija IEC

IEC 60079-2:2014-07
Explosive atmospheres – Part 2: Equipment protection by pressurized enclosure „p“

31.020 Elektronički sastavni dijelovi općenito

Međunarodna normizacija IEC

IECQ CS 033200-TW0001:2014-06
IEC Quality Assessment System for Electronic Components (IECQ System) – Component specification – Touch panels – Resistive touch panel

31.060.70 Energetski kondenzatori

Europska normizacija CENELEC

EN 60871-4:2014-07
Shunt capacitors for AC power systems having a rated voltage above 1000 V – Part 4: Internal fuses (IEC 60871-4:2014)

31.080.01 Poluvodički uređaji općenito

Europska normizacija CENELEC

EN 60749-26:2014-05
Semiconductor devices – Mechanical and climatic test methods – Part 26: Electrostatic discharge (ESD) sensitivity testing – Human body model (HBM) (IEC 60749-26:2013)

Međunarodna normizacija IEC

IEC 62047-20:2014-06
Semiconductor devices – Micro-electromechanical devices – Part 20: Gyroscopes
IEC 62047-21:2014-06
Semiconductor devices – Micro-electromechanical devices – Part 21: Test method for Poisson's ratio of thin film MEMS materials
IEC 62047-22:2014-06
Semiconductor devices – Micro-electromechanical devices – Part 22: Electromechanical tensile test method for conductive thin films on flexible substrates

31.180 Tiskani krugovi i pločice

Međunarodna normizacija IEC

IEC/PAS 61249-8-1:2014-06
Qualification and performance of electrical insulating compound for printed wiring assemblies
IEC/PAS 61249-8-5:2014-06
Qualification and performance specification of permanent solder mask and flexible cover materials

31.220.01 Elektromehanički sastavni dijelovi općenito

Međunarodna normizacija IEC

IEC 62047-21:2014-06
Semiconductor devices – Micro-electromechanical devices – Part 21: Test method for Poisson's ratio of thin film MEMS materials
IEC 62047-22:2014-06
Semiconductor devices – Micro-electromechanical devices – Part 22: Electromechanical tensile test method for conductive thin films on flexible substrates

31.260 Optoelektronika. Laserska oprema

Međunarodna normizacija IEC

IEC 62572-3:2014-06
Fibre optic active components and devices – Reliability standards – Part 3: Laser modules used for telecommunication
EN 60825-1
Safety of laser products - Part 1: Equipment classification and requirements (IEC 60825-1:2014)

33.020 Telekomunikacije općenito

Europska normizacija ETSI

ETSI SR 000314 V 2.15.1:2014-03
Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards
ETSI TS 102950-1 V 1.4.1:2014-08
Methods for Testing and Specification (MTS) – TTCN-3 Conformance Test Suite – Part 1: Implementation Conformance Statement (ICS)
ETSI TS 102950-2 V 1.4.1:2014-08
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 1.4.1:2014-08
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 TR 103229 V 1.1.1:2014-07
Environmental Engineering (EE) – Safety Extra Low Voltage (SELV) DC power supply network for ICT devices with energy storage and grid or renewable energy sources options
ETSI ES 201873-1 V 4.6.1:2014-06
Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 1: TTCN-3 Core Language
ETSI ES 201873-5 V 4.6.1:2014-06
Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 5: TTCN-3 Runtime Interface (TRI)
ETSI ES 201873-6 V 4.6.1:2014-06
Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 6: TTCN-3 Control Interface (TCI)

- ETSI ES 202781 V 1.3.1:2014-06
Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – TTCN-3 Language Extensions: Configuration and Deployment Support
- ETSI ES 202782 V 1.2.1:2014-06
Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – TTCN-3 Language Extensions: TTCN-3 Performance and Real Time Testing
- ETSI ES 202784 V 1.4.1:2014-06
Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – TTCN-3 Language Extensions: Advanced Parameterization
- ETSI ES 202786 V 1.2.1:2014-06
Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – TTCN-3 Language Extensions: Support of interfaces with continuous signals
- ETSI ES 202789 V 1.3.1:2014-06
Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – TTCN-3 Language Extensions: Extended TRI

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija ETSI

- ETSI SR 003186 V 1.1.1:2013-12
Testing interoperability and conformity activities to be run during the implementation and promotion of the Rationalised Framework of Electronic Signatures
- ETSI TR 101550 V 1.1.1:2014-02
Documents relevant to EN 301549 „Accessibility requirements suitable for public procurement of ICT products and services in Europe“
- ETSI TR 101551 V 1.1.1:2014-02
Guidelines on the use of accessibility award criteria suitable for public procurement of ICT products and services in Europe
- ETSI TR 101552 V 1.0.0:2014-03
Guidance for the application of conformity assessment to accessibility requirements for public procurement of ICT products and services in Europe
- ETSI TS 102121 V 1.3.1:2014-07
Environmental Engineering (EE) – Power distribution to telecommunications and datacom (ICT) equipment
- ETSI TR 102180 V 1.4.1:2014-03
Emergency Communications (EMTEL) – Basis of requirements for communication of individuals with authorities/organizations in case of distress (Emergency call handling)
- ETSI TR 102775 V 1.6.1:2014-06
Speech and multimedia Transmission Quality (STQ) – Guidance on objectives for Quality related Parameters at VoIP Segment-Connection Points – A support to NGN transmission planners
- ETSI TS 102928 V 1.1.2:2014-05
Speech and multimedia Transmission Quality (STQ) – End-to-End Transmission Planning Requirements for Real Time Services in an NGN context
- ETSI TS 103106 V 1.3.1:2014-04
Speech and multimedia Transmission Quality (STQ) – Speech quality performance in the presence of background noise: Background noise transmission for mobile terminals-objective test methods
- ETSI TS 103210 V 1.2.1:2014-05
Speech and multimedia Transmission Quality (STQ) – End-to-End Jitter Transmission Planning Requirements for Real Time Services in an NGN context

- ETSI TS 103220 V 1.1.1:2014-03
Speech and multimedia Transmission Quality (STQ) – Transmission requirements for Superwideband handheld (handset and handsfree) terminals from a QoS perspective as perceived by the user
- ETSI TS 119612 V 1.2.1:2014-04
Electronic Signatures and Infrastructures (ESI) – Trusted Lists
- ETSI ES 201554 V 1.2.1:2014-07
Environmental Engineering (EE) – Measurement method for Energy efficiency of Mobile Core network and Radio Access Control equipment
- ETSI ES 202396-1 V 1.5.1:2014-01
Speech and multimedia Transmission Quality (STQ) – Speech quality performance in the presence of background noise – Part 1: Background noise simulation technique and background noise database
- ETSI EG 202396-3 V 1.4.1:2014-06
Speech and multimedia Transmission Quality (STQ) – Speech Quality performance in the presence of background noise – Part 3: Background noise transmission – Objective test methods
- ETSI EG 202518 V 1.4.1:2014-01
Speech and multimedia Transmission Quality (STQ) – Acoustic Output of Terminal Equipment – Maximum Levels and Test Methodology for Various Applications
- ETSI ES 202765-2 V 1.2.1:2014-05
Speech and multimedia Transmission Quality (STQ) – QoS and network performance metrics and measurement methods – Part 2 : Transmission Quality Indicator combining Voice Quality Metrics
- ETSI ES 202765-4 V 1.2.1:2014-05
Speech and multimedia Transmission Quality (STQ) – QoS and network performance metrics and measurement methods – Part 4: Indicators for supervision of Multiplay services
- ETSI ES 203237 V 1.1.1:2014-03
Environmental Engineering (EE) – Green Abstraction Layer (GAL) – Power management capabilities of the future energy telecommunication fixed network nodes

33.040.20 Prijenosni sustavi

Europska normizacija CENELEC

- EN 61970-301:2014-07
Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2013)

33.040.35 Telefonske mreže

Europska normizacija ETSI

- ETSI TS 101158 V 1.3.1:2014-02
Telecommunications security – Lawful Interception (LI) – Requirements for network functions
- ETSI TS 101331 V 1.4.1:2014-02
Lawful Interception (LI) – Requirements of Law Enforcement Agencies
- ETSI TS 102232-1 V 3.6.1:2014-02
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 1: Handover specification for IP delivery
- ETSI TS 102232-1 V 3.7.1:2014-07
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 3.7.1:2014-02
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 2: Service-specific details for messaging services
- ETSI TS 102232-4 V 3.2.1:2014-03
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 4: Service-specific details for Layer 2 services
- ETSI TS 102232-4 V 3.2.2:2014-07
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 4: Service-specific details for Layer 2 services
- ETSI TS 102232-5 V 3.3.1:2014-07
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 5: Service-specific details for IP Multimedia Services
- ETSI TS 102232-6 V 3.3.1:2014-03
Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 6: Service-specific details for PSTN/ISDN services
- ETSI TR 102503 V 1.8.1:2014-02
Lawful Interception (LI) – ASN.1 Object Identifiers in Lawful Interception and Retained data handling Specifications
- ETSI TR 102519 V 1.2.1:2014-02
Lawful Interception (LI) – Lawful Interception of public Wireless LAN Internet Access
- ETSI TS 102657 V 1.14.1:2014-03
Lawful Interception (LI) – Retained data handling – Handover interface for the request and delivery of retained data

33.040.40 Mreže za prijenos podataka

Europska normizacija

ETSI

- ETSI TS 102866 V 1.1.1:2014-07
Integrated Broadband Cable Telecommunication Networks (CABLE) – Cable Equipment Operations within its Frequency Band
- ETSI TR 103282 V 1.1.1:2014-07
Network Technologies (NTECH) – ENUM/ENUM-like options for Number Portability and actual use cases
- ETSI TS 187001 V 3.9.1:2014-07
Network Technologies (NTECH) – NGN SECurity (SEC) – Requirements
- ETSI TS 187021 V 3.2.1:2014-04
Security services and mechanisms for customer premises networks connected to NGN
- ETSI ES 283035 V 2.7.1:2014-07
Network Technologies (NTECH) – Network Attachment – e2 interface based on the DIAMETER protocol
- ETSI GS NFV-PER 001 V 1.1.1:2014-06
Network Functions Virtualisation (NFV) – NFV Performance & Portability Best Practises

33.040.60 Telekomunikacije putem elektroenergetskih vodova

Europska normizacija

ETSI

- ETSI TR 103240 V 1.1.1:2014-01
Powerline Telecommunications (PLT) – Powerline communication recommendations for smart metering and home automation

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija

ETSI

- ETSI TS 101553-1 V 1.2.1:2014-07
Core Network and Interoperability Testing (INT) – Testing of the IBCF requirements – (3GPP Release 9) – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 101553-2 V 3.2.1:2014-07
Core Network and Interoperability Testing (INT) – Testing of the IBCF requirements – (3GPP Release 9) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)
- ETSI TS 101572-1 V 1.2.1:2014-07
Core Network and Interoperability Testing (INT) – Conformance tests – (3GPP 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 1.2.1:2014-07
Core Network and Interoperability Testing (INT) – Conformance tests – (3GPP 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 101580-1 V 2.1.1:2013-12
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for Rx interface (3GPP Release 10) – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 101580-2 V 2.1.1:2013-12
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for Rx interface (3GPP Release 10) – Part 2: Test Suite Structure (TSS) and Test Purposes (TP)
- ETSI TS 101580-3 V 2.1.1:2013-12
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for Rx interface (3GPP Release 10) – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification
- ETSI TS 101585 V 1.2.1:2014-04
Core Network and Interoperability Testing (INT) – IMS interconnection tests at the Ic Interface – Test Suite Structure and Test Purposes (TSS&TP)
- ETSI TS 101606-1 V 2.1.1:2013-12
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for Gx interface (3GPP Release 10) – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 101606-2 V 2.1.1:2013-12
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for Gx interface (3GPP Release 10) – Part 2: Test Suite Structure (TSS) and Test Purposes (TP)
- ETSI TS 101606-3 V 2.1.1:2013-12
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for Gx interface (3GPP Release 10) – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification
- ETSI TS 102790-1 V 3.1.1:2014-07
Core Network and Interoperability Testing (INT) – IMS specific use of Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Conformance Testing – (3GPP Release 10) – Part 1: Protocol Implementation Conformance Statement (PICS)

- ETSI TS 102790-2 V 3.1.1:2014-07
Core Network and Interoperability Testing (INT) – IMS specific use of Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Conformance Testing – (3GPP Release 10) – Part 2: Test Suite Structure (TSS) and Test Purposes (TP)
- ETSI TS 102790-3 V 3.1.1:2014-07
Core Network and Interoperability Testing (INT) – IMS specific use of Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Conformance Testing – (3GPP Release 10) – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification
- ETSI TS 103189 V 1.2.1:2014-04
Core Network and Interoperability Testing (INT) – Assessment of end-to-end Quality for VoLTE and RCS
- ETSI TS 103261-1 V 1.1.1:2014-07
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for S6a interface – (3GPP Release 10) – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 103261-2 V 1.1.1:2014-07
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for S6a interface – (3GPP Release 10) – Part 2: Test Suite Structure (TSS) and Test Purposes (TP)
- ETSI TS 103261-3 V 1.1.1:2014-07
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for S6a interface – (3GPP Release 10) – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification
- ETSI TS 103262-1 V 1.1.1:2014-07
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for S9 interface – (3GPP Release 10) – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 103262-2 V 1.1.1:2014-07
Core Network and Interoperability Testing (INT) – Diameter Conformance testing for S9 interface – (3GPP Release 10) – Part 2: Test Suite Structure (TSS) and Test Purposes (TP)
- ETSI TR 103278 V 1.1.1:2014-07
Core Network and Interoperability Testing (INT) – IMS specific use of Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Conformance Testing – (3GPP Release 10) – Validation report
- ETSI GS ISI 003 V 1.1.1:2014-05
Information Security Indicators (ISI) – Key Performance Security Indicators (KPSI) for the evaluation of maturity detection of security events
- ETSI GS ISI 003 V 1.1.2:2014-06
Information Security Indicators (ISI) – Key Performance Security Indicators (KPSI) to evaluate the maturity of security event detection
- ETSI GS ISI 004 V 1.1.1:2013-12
Information Security Indicators (ISI) – Guidelines for event detection implementation

33.060.01 Radiokomunikacije općenito

Europska normizacija

ETSI

- ETSI TS 102946 V 1.1.1:2014-07
Reconfigurable Radio Systems (RRS) – System requirements for Operation in UHF TV Band White Spaces

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

CENELEC

- EN 301908-18 V 7.1.1:2014-07
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)
- EN 301908-18 V 7.1.2:2014-07
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)
- EN 302858-2 V 1.3.1:2014-04
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 302885-2 V 1.2.2:2014-03
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
- EN 302885-3 V 1.2.2:2014-03
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC – Part 3: Harmonized EN covering the essential requirements of article 3.3 (e) of the R&TTE Directive

33.060.40 Kabelski distribucijski sustavi

Europska normizacija

CENELEC

- CLC/TR 50083-10-1:2014-06
Cable networks for television signals, sound signals and interactive services – Part 10-1: Guidelines for the implementation of return paths in cable networks
- EN 60728-10:2014-06
Cable networks for television signals, sound signals and interactive services – Part 10: System performance of return paths (IEC 60728-10:2014)

ETSI

- ETSI ES 205200-1 V 1.2.1:2014-03
Access, Terminals, Transmission and Multiplexing (ATTM) – Energy management – Global KPIs – Operational infrastructures – Part 1: General requirements
- ETSI ES 205200-2-1 V 1.2.1:2014-03
Access, Terminals, Transmission and Multiplexing (ATTM) – Energy management – Global KPIs – Operational infrastructures – Part 2: Specific requirements – Sub-part 1: Data centres

33.060.99 Druga oprema za radiokomunikacije

Europska normizacija ETSI

ETSI TR 102967 V 1.1.1:2014-03
Reconfigurable Radio Systems (RRS) – Use Cases for dynamic equipment reconfiguration

33.070.01 Usluge pokretne mreže općenito

Europska normizacija CENELEC

EN 50566/AC:2014-06
Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz – 6 GHz)

ETSI

ETSI TR 103140 V 1.1.1:2014-04
Mobile Standards Group (MSG) – eCall for VoIP
ETSI TR 103227 V 1.1.1:2014-01
Mobile Standards Group (MSG) – Overview of the technical framework for the separate sale of roaming services in the European Union

33.070.30 Digitalne poboljšane bežične telekomunikacije (DECT)

Europska normizacija ETSI

ETSI TS 102527-1 V 1.4.1:2014-04
Digital Enhanced Cordless Telecommunications (DECT) – New Generation DECT – Part 1: Wideband speech
ETSI TS 102527-3 V 1.6.1:2014-01
Digital Enhanced Cordless Telecommunications (DECT) – New Generation DECT – Part 3: Extended wideband speech services
ETSI TS 102527-5 V 1.2.1:2014-01
Digital Enhanced Cordless Telecommunications (DECT) – New Generation DECT – Part 5: Additional feature set nr. 1 for extended wideband speech services
ETSI TS 102841 V 1.5.1:2014-01
Digital Enhanced Cordless Telecommunications (DECT) – New Generation DECT – Extended wideband speech services – Profile Test Specification (PTS) and Test Case Library (TCL)
ETSI TS 102843 V 1.1.1:2014-01
Digital Enhanced Cordless Telecommunications (DECT) – New Generation DECT – Additional feature set nr.1 for extended wideband speech services – Profile Test Specification (PTS) and Test Case Library (TCL)
ETSI TS 103159-1 V 1.1.1:2014-04
Digital Enhanced Cordless Telecommunications (DECT) – Ultra Low Energy (ULE) – Machine to Machine Communications – Part 1: Test Framework and Profile Test Specification (PTS) for Home Automation Network (phase 1)

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija CENELEC

EN 301502 V 11.1.1:2014-07
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

ETSI

ETSI TS 102933-1 V 1.3.1:2014-06
Railway Telecommunications (RT) – GSM-R improved receiver parameters – Part 1: Requirements for radio reception
ETSI TS 121101 V 10.4.0:2014-07
Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 10.4.0 Release 10)
ETSI TS 121101 V 11.1.0:2014-07
Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 11.1.0 Release 11)
ETSI TS 121201 V 10.4.0:2014-07
LTE – Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 10.4.0 Release 10)
ETSI TS 121201 V 11.1.0:2014-07
LTE – Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 11.1.0 Release 11)
ETSI TS 121202 V 10.3.1:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports relating to the Common IP Multimedia Subsystem (IMS) (3GPP TS 21.202 version 10.3.1 Release 10)
ETSI TS 121202 V 11.0.1:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports relating to the Common IP Multimedia Subsystem (IMS) (3GPP TS 21.202 version 11.0.1 Release 11)
ETSI TS 122067 V 11.1.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – enhanced Multi Level Precedence and Pre-emption service (eMLPP) – Stage 1 (3GPP TS 22.067 version 11.1.0 Release 11)
ETSI TS 122105 V 11.1.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Services and service capabilities (3GPP TS 22.105 version 11.1.0 Release 11)
ETSI TS 122173 V 8.10.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services – Stage 1 (3GPP TS 22.173 version 8.10.0 Release 8)

- ETSI TS 122173 V 9.7.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services – Stage 1 (3GPP TS 22.173 version 9.7.0 Release 9)
- ETSI TS 122173 V 10.6.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services – Stage 1 (3GPP TS 22.173 version 10.6.0 Release 10)
- ETSI TS 122173 V 11.6.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services – Stage 1 (3GPP TS 22.173 version 11.6.0 Release 11)
- ETSI TS 122240 V 11.1.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for 3GPP Generic User Profile (GUP) – Stage 1 (3GPP TS 22.240 version 11.1.0 Release 11)
- ETSI TS 123002 V 10.6.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Network architecture (3GPP TS 23.002 version 10.6.0 Release 10)
- ETSI TS 123003 V 8.20.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 8.20.0 Release 8)
- ETSI TS 123003 V 9.14.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 9.14.0 Release 9)
- ETSI TS 123003 V 10.9.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 10.9.0 Release 10)
- ETSI TS 123003 V 11.8.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 11.8.0 Release 11)
- ETSI TS 123007 V 11.8.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Restoration procedures (3GPP TS 23.007 version 11.8.0 Release 11)
Ersatz für ETSI TS 123007 V 11.7.0 (3GPP TS 23.007 Version 11.7.0 Release 11):2013-12
- ETSI TS 123008 V 11.10.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Organization of subscriber data (3GPP TS 23.008 version 11.10.0 Release 11)
- ETSI TS 123060 V 10.13.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2 (3GPP TS 23.060 version 10.13.0 Release 10)
- ETSI TS 123060 V 11.10.0:2014-07
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 11.10.0 Release 11)
- ETSI TS 123088 V 11.3.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) Supplementary Services – Stage 2 (3GPP TS 23.088 version 11.3.0 Release 11)
- ETSI TS 123167 V 9.14.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 9.14.0 Release 9)
- ETSI TS 123167 V 10.11.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 10.11.0 Release 10)
- ETSI TS 123167 V 11.11.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 11.11.0 Release 11)
- ETSI TS 123203 V 11.14.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 11.14.0 Release 11)
- ETSI TS 123216 V 11.11.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 11.11.0 Release 11)
- ETSI TS 123221 V 10.3.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 10.3.0 Release 10)
- ETSI TS 123221 V 11.3.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 11.3.0 Release 11)
- ETSI TS 123228 V 10.8.0:2013-12
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Stage 2 (3GPP TS 23.228 version 10.8.0 Release 10)
- ETSI TS 123228 V 11.10.0:2013-12
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Stage 2 (3GPP TS 23.228 version 11.10.0 Release 11)
- ETSI TS 123237 V 10.12.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 10.12.0 Release 10)

- ETSI TS 123237 V 11.10.0:2014-07
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 11.10.0 Release 11)
- ETSI TS 123251 V 11.6.0:2013-12
Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 11.6.0 Release 11)
- ETSI TS 123271 V 11.3.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 11.3.0 Release 11)
- ETSI TS 123272 V 10.15.0:2014-07
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 10.15.0 Release 10)
- ETSI TS 123272 V 11.9.0:2014-07
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 11.9.0 Release 11)
- ETSI TS 123292 V 10.6.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) centralized services – Stage 2 (3GPP TS 23.292 version 10.6.0 Release 10)
- ETSI TS 123292 V 11.8.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) centralized services – Stage 2 (3GPP TS 23.292 version 11.8.0 Release 11)
- ETSI TS 123380 V 9.6.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 9.6.0 Release 9)
- ETSI TS 123380 V 10.3.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 10.3.0 Release 10)
- ETSI TS 123380 V 11.3.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 11.3.0 Release 11)
- ETSI TS 123401 V 10.12.0:2014-07
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 10.12.0 Release 10)
- ETSI TS 123401 V 11.10.0:2014-07
LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 11.10.0 Release 11)
- ETSI TS 123402 V 9.13.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 9.13.0 Release 9)
- ETSI TS 123402 V 10.9.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 10.9.0 Release 10)
- ETSI TS 123402 V 11.9.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 11.9.0 Release 11)
- ETSI TS 124008 V 10.14.0:2014-07
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 10.14.0 Release 10)
- ETSI TS 124008 V 11.11.0:2014-07
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 11.11.0 Release 11)
- ETSI TS 124109 V 7.8.0:2014-01
Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details (3GPP TS 24.109 version 7.8.0 Release 7)
- ETSI TS 124109 V 8.5.0:2014-01
Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details (3GPP TS 24.109 version 8.5.0 Release 8)
- ETSI TS 124109 V 9.3.0:2014-01
Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details (3GPP TS 24.109 version 9.3.0 Release 9)
- ETSI TS 124109 V 10.2.0:2014-01
Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details (3GPP TS 24.109 version 10.2.0 Release 10)
- ETSI TS 124109 V 11.4.0:2014-03
Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details (3GPP TS 24.109 version 11.4.0 Release 11)
- ETSI TS 124147 V 9.3.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 9.3.0 Release 9)
- ETSI TS 124147 V 10.3.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 10.3.0 Release 10)

- ETSI TS 124147 V 11.2.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 11.2.0 Release 11)
- ETSI TS 124183 V 9.9.0:2014-03
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 9.9.0 Release 9)
- ETSI TS 124183 V 10.6.0:2014-03
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 10.6.0 Release 10)
- ETSI TS 124183 V 11.4.0:2014-03
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 11.4.0 Release 11)
- ETSI TS 124229 V 7.33.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 7.33.0 Release 7)
- ETSI TS 124229 V 8.28.0:2014-07
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 8.28.0 Release 8)
- ETSI TS 124229 V 9.20.0:2014-07
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 9.20.0 Release 9)
- ETSI TS 124229 V 10.16.0:2014-07
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 10.16.0 Release 10)
- ETSI TS 124229 V 11.12.0:2014-07
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 11.12.0 Release 11)
- ETSI TS 124234 V 10.5.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – WLAN User Equipment (WLAN UE) to network protocols – Stage 3 (3GPP TS 24.234 version 10.5.0 Release 10)
- ETSI TS 124234 V 11.4.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – WLAN User Equipment (WLAN UE) to network protocols – Stage 3 (3GPP TS 24.234 version 11.4.0 Release 11)
- ETSI TS 124237 V 9.18.0:2014-07
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 9.18.0 Release 9)
- ETSI TS 124237 V 10.15.0:2014-07
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 10.15.0 Release 10)
- ETSI TS 124237 V 11.11.0:2014-07
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 11.11.0 Release 11)
- ETSI TS 124259 V 9.10.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3 (3GPP TS 24.259 version 9.10.0 Release 9)
- ETSI TS 124259 V 10.7.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3 (3GPP TS 24.259 version 10.7.0 Release 10)
- ETSI TS 124259 V 11.4.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3 (3GPP TS 24.259 version 11.4.0 Release 11)
- ETSI TS 124279 V 8.3.0:2014-03
Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 3 (3GPP TS 24.279 version 8.3.0 Release 8)
- ETSI TS 124279 V 9.1.0:2014-03
Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 3 (3GPP TS 24.279 version 9.1.0 Release 9)
- ETSI TS 124279 V 10.1.0:2014-03
Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 3 (3GPP TS 24.279 version 10.1.0 Release 10)
- ETSI TS 124279 V 11.1.0:2014-03
Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 3 (3GPP TS 24.279 version 11.1.0 Release 11)
- ETSI TS 124292 V 8.19.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) – Stage 3 (3GPP TS 24.292 version 8.19.0 Release 8)
- ETSI TS 124292 V 9.17.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) – Stage 3 (3GPP TS 24.292 version 9.17.0 Release 9)

- ETSI TS 124292 V 10.14.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) – Stage 3 (3GPP TS 24.292 version 10.14.0 Release 10)
- ETSI TS 124292 V 11.8.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) – Stage 3 (3GPP TS 24.292 version 11.8.0 Release 11)
- ETSI TS 124301 V 10.14.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 10.14.0 Release 10)
- ETSI TS 124301 V 11.11.0:2014-07
Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 11.11.0 Release 11)
- ETSI TS 124337 V 10.9.0:2014-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer – Stage 3 (3GPP TS 24.337 version 10.9.0 Release 10)
- ETSI TS 124337 V 11.6.0:2014-01
Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer – Stage 3 (3GPP TS 24.337 version 11.6.0 Release 11)
- ETSI TS 124341 V 7.6.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 7.6.0 Release 7)
- ETSI TS 124341 V 8.6.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 8.6.0 Release 8)
- ETSI TS 124341 V 9.3.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 9.3.0 Release 9)
- ETSI TS 124341 V 10.1.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 10.1.0 Release 10)
- ETSI TS 124341 V 11.3.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 11.3.0 Release 11)
- ETSI TS 124390 V 11.5.0:2014-07
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 11.5.0 Release 11)
- ETSI TS 124407 V 8.3.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPA – PSTN/ISDN simulation services – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) – Protocol specification (3GPP TS 24.407 version 8.3.0 Release 8)
- ETSI TS 124451 V 8.1.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPA – Support of SMS and MMS over NGN IMS subsystem – Stage 3 [Endorsement of 3GPP TS 24.341 Release 7] (3GPP TS 24.451 version 8.1.0 Release 8)
- ETSI TS 124503 V 8.17.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPA – IP Multimedia Call Control Protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) Stage 3 [3GPP TS 24.229 (Release 7), modified] (3GPP TS 24.503 version 8.17.0 Release 8)
- ETSI TS 124504 V 8.20.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – TISPA – PSTN/ISDN simulation services: Communication Diversion (CDIV) – Protocol specification (3GPP TS 24.504 version 8.20.0 Release 8)
- ETSI TS 124604 V 8.17.0:2014-07
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 8.17.0 Release 8)
- ETSI TS 124604 V 9.14.0:2014-07
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 9.14.0 Release 9)
- ETSI TS 124604 V 10.9.0:2014-07
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 10.9.0 Release 10)
- ETSI TS 124604 V 11.9.0:2014-07
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 11.9.0 Release 11)
- ETSI TS 124607 V 8.5.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.607 version 8.5.0 Release 8)
- ETSI TS 124607 V 9.2.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.607 version 9.2.0 Release 9)

- ETSI TS 124607 V 10.1.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.607 version 10.1.0 Release 10)
- ETSI TS 124607 V 11.3.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.607 version 11.3.0 Release 11)
- ETSI TS 124615 V 8.9.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol Specification (3GPP TS 24.615 version 8.9.0 Release 8)
- ETSI TS 124615 V 9.8.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol Specification (3GPP TS 24.615 version 9.8.0 Release 9)
- ETSI TS 124615 V 10.5.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol Specification (3GPP TS 24.615 version 10.5.0 Release 10)
- ETSI TS 124615 V 11.3.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol Specification (3GPP TS 24.615 version 11.3.0 Release 11)
- ETSI TS 124629 V 11.3.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.629 version 11.3.0 Release 11)
- ETSI TS 125101 V 10.12.0:2014-04
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 10.12.0 Release 10)
- ETSI TS 125101 V 11.9.2:2014-04
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 11.9.2 Release 11)
- ETSI TS 125102 V 11.6.0:2014-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 11.6.0 Release 11)
- ETSI TS 125104 V 11.9.0:2014-07
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 11.9.0 Release 11)
- ETSI TS 125105 V 11.6.0:2014-01
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 11.6.0 Release 11)
- ETSI TS 125123 V 10.9.0:2014-04
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (TDD) (3GPP TS 25.123 version 10.9.0 Release 10)
- ETSI TS 125123 V 11.4.2:2014-04
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (TDD) (3GPP TS 25.123 version 11.4.2 Release 11)
- ETSI TS 125133 V 9.17.0:2014-01
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 9.17.0 Release 9)
- ETSI TS 125133 V 10.11.0:2014-01
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 10.11.0 Release 10)
- ETSI TS 125133 V 11.9.0:2014-07
Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 11.9.0 Release 11)
- ETSI TS 125141 V 10.10.0:2014-04
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 10.10.0 Release 10)
- ETSI TS 125141 V 11.8.0:2014-04
Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 11.8.0 Release 11)
- ETSI TS 125211 V 11.5.0:2014-07
Universal Mobile Telecommunications System (UMTS) – Physical channels and mapping of transport channels onto physical channels (FDD) (3GPP TS 25.211 version 11.5.0 Release 11)
- ETSI TS 125212 V 7.12.0:2014-03
Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 7.12.0 Release 7)
- ETSI TS 125212 V 8.8.0:2014-03
Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 8.8.0 Release 8)
- ETSI TS 125212 V 9.6.0:2014-03
Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 9.6.0 Release 9)
- ETSI TS 125212 V 10.5.0:2014-03
Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 10.5.0 Release 10)
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Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 11.7.0 Release 11)

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Universal Mobile Telecommunications
System (UMTS) – Physical layer procedures (FDD)
(3GPP TS 25.214 version 10.8.0 Release 10)
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Universal Mobile Telecommunications
System (UMTS) – Physical layer procedures (FDD)
(3GPP TS 25.214 version 11.9.0 Release 11)
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Universal Mobile Telecommunications
System (UMTS) – Services provided by the physical
layer (3GPP TS 25.302 version 11.5.0 Release 11)
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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 11.5.0
Release 11)
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Universal Mobile Telecommunications
System (UMTS) – UE Radio Access capabilities
(3GPP TS 25.306 version 10.10.0 Release 10)
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Universal Mobile Telecommunications
System (UMTS) – UE Radio Access capabilities
(3GPP TS 25.306 version 11.8.0 Release 11)
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Universal Mobile Telecommunications
System (UMTS) – Requirements on User
Equipments (UEs) supporting a release-independent
frequency band (3GPP TS 25.307 version 4.22.0
Release 4)
- ETSI TS 125307 V 5.21.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – Requirements on User
Equipments (UEs) supporting a release-independent
frequency band (3GPP TS 25.307 version 5.21.0
Release 5)
- ETSI TS 125307 V 6.18.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – Requirements on User
Equipments (UEs) supporting a release-independent
frequency band (3GPP TS 25.307 version 6.18.0
Release 6)
- ETSI TS 125307 V 7.14.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – Requirements on User
Equipments (UEs) supporting a release-independent
frequency band (3GPP TS 25.307 version 7.14.0
Release 7)
- ETSI TS 125307 V 8.12.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – Requirements on User
Equipments (UEs) supporting a release-independent
frequency band (3GPP TS 25.307 version 8.12.0
Release 8)
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Universal Mobile Telecommunications
System (UMTS) – Requirements on User
Equipments (UEs) supporting a release-independent
frequency band (3GPP TS 25.307 version 9.8.0
Release 9)
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Universal Mobile Telecommunications
System (UMTS) – Requirements on User
Equipments (UEs) supporting a release-independent
frequency band (3GPP TS 25.307 version 10.5.0
Release 10)
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Universal Mobile Telecommunications
System (UMTS) – Requirements on User
Equipments (UEs) supporting a release-independent
frequency band (3GPP TS 25.307 version 11.2.0
Release 11)
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Universal Mobile Telecommunications
System (UMTS) – High Speed Downlink Packet
Access (HSDPA) – Overall description – Stage 2
(3GPP TS 25.308 version 11.8.0 Release 11)
- ETSI TS 125319 V 11.9.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – Enhanced uplink – Overall
description – Stage 2 (3GPP TS 25.319
version 11.9.0 Release 11)
- ETSI TS 125321 V 11.5.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – Medium Access Control (MAC)
protocol specification (3GPP TS 25.321
version 11.5.0 Release 11)
- ETSI TS 125331 V 7.25.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – Radio Resource Control (RRC) –
Protocol specification (3GPP TS 25.331
version 7.25.0 Release 7)
- ETSI TS 125331 V 8.25.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – Radio Resource Control (RRC) –
Protocol specification (3GPP TS 25.331
version 8.25.0 Release 8)
- ETSI TS 125331 V 9.18.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – Radio Resource Control (RRC) –
Protocol specification (3GPP TS 25.331
version 9.18.0 Release 9)
- ETSI TS 125331 V 10.16.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – Radio Resource Control (RRC) –
Protocol specification (3GPP TS 25.331
version 10.16.0 Release 10)
- ETSI TS 125331 V 11.10.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – Radio Resource Control (RRC) –
Protocol specification (3GPP TS 25.331
version 11.10.0 Release 11)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iu interface Radio Access
Network Application Part (RANAP) signalling (3GPP
TS 25.413 version 11.6.0 Release 11)
- ETSI TS 125423 V 7.17.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – UTRAN Iur interface Radio
Network Subsystem Application Part (RNSAP)
signalling (3GPP TS 25.423 version 7.17.0
Release 7)
- ETSI TS 125423 V 8.14.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – UTRAN Iur interface Radio
Network Subsystem Application Part (RNSAP)
signalling (3GPP TS 25.423 version 8.14.0
Release 8)
- ETSI TS 125423 V 9.10.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – UTRAN Iur interface Radio
Network Subsystem Application Part (RNSAP)
signalling (3GPP TS 25.423 version 9.10.0
Release 9)

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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iur interface Radio
Network Subsystem Application Part (RNSAP)
signalling (3GPP TS 25.423 version 10.10.0
Release 10)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iur interface Radio
Network Subsystem Application Part (RNSAP)
signalling (3GPP TS 25.423 version 11.8.0
Release 11)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iub interface Node B
Application Part (NBAP) signalling (3GPP TS 25.433
version 7.17.0 Release 7)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iub interface Node B
Application Part (NBAP) signalling (3GPP TS 25.433
version 8.14.0 Release 8)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iub interface Node B
Application Part (NBAP) signalling (3GPP TS 25.433
version 9.10.0 Release 9)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iub interface Node B
Application Part (NBAP) signalling (3GPP TS 25.433
version 10.10.0 Release 10)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iub interface Node B
Application Part (NBAP) signalling (3GPP TS 25.433
version 11.8.0 Release 11)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iupc interface Positioning
Calculation Application Part (PCAP) signalling
(3GPP TS 25.453 version 7.13.0 Release 7)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iupc interface Positioning
Calculation Application Part (PCAP) signalling
(3GPP TS 25.453 version 8.3.0 Release 8)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iupc interface Positioning
Calculation Application Part (PCAP) signalling
(3GPP TS 25.453 version 9.3.0 Release 9)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN Iupc interface Positioning
Calculation Application Part (PCAP) signalling
(3GPP TS 25.453 version 10.4.0 Release 10)
- ETSI TS 125453 V 11.2.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – UTRAN Iupc interface Positioning
Calculation Application Part (PCAP) signalling
(3GPP TS 25.453 version 11.2.0 Release 11)
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Universal Mobile Telecommunications
System (UMTS) – UTRAN architecture for 3G
Home Node B (HNB) – Stage 2 (3GPP TS 25.467
version 11.5.0 Release 11)
- ETSI TS 125469 V 10.4.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – UTRAN Iuh interface Home
Node B (HNB) Application Part (HNBAP) signalling
(3GPP TS 25.469 version 10.4.0 Release 10)
- ETSI TS 125469 V 11.3.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – UTRAN Iuh interface Home
Node B (HNB) Application Part (HNBAP) signalling
(3GPP TS 25.469 version 11.3.0 Release 11)
- ETSI TS 126074 V 11.1.0:2014-01
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Mandatory speech codec
speech processing functions – Adaptive Multi-
Rate (AMR) speech codec test sequences (3GPP
TS 26.074 version 11.1.0 Release 11)
- ETSI TS 126114 V 8.14.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – LTE – IP Multimedia
Subsystem (IMS) – Multimedia telephony –
Media handling and interaction (3GPP TS 26.114
version 8.14.0 Release 8)
- ETSI TS 126114 V 9.13.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – LTE – IP Multimedia
Subsystem (IMS) – Multimedia telephony –
Media handling and interaction (3GPP TS 26.114
version 9.13.0 Release 9)
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Universal Mobile Telecommunications
System (UMTS) – LTE – IP Multimedia
Subsystem (IMS) – Multimedia telephony –
Media handling and interaction (3GPP TS 26.114
version 10.8.0 Release 10)
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Universal Mobile Telecommunications
System (UMTS) – LTE – IP Multimedia
Subsystem (IMS) – Multimedia telephony –
Media handling and interaction (3GPP TS 26.114
version 11.9.0 Release 11)
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Universal Mobile Telecommunications
System (UMTS) – LTE – Terminal acoustic
characteristics for telephony – Requirements
(3GPP TS 26.131 version 9.5.0 Release 9)
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Universal Mobile Telecommunications
System (UMTS) – LTE – Terminal acoustic
characteristics for telephony – Requirements
(3GPP TS 26.131 version 10.5.0 Release 10)
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Universal Mobile Telecommunications
System (UMTS) – LTE – Terminal acoustic
characteristics for telephony – Requirements
(3GPP TS 26.131 version 11.3.0 Release 11)
- ETSI TS 126132 V 9.3.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – LTE – Speech and video
telephony terminal acoustic test specification
(3GPP TS 26.132 version 9.3.0 Release 9)
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Universal Mobile Telecommunications
System (UMTS) – LTE – Speech and video
telephony terminal acoustic test specification
(3GPP TS 26.132 version 10.6.0 Release 10)
- ETSI TS 126132 V 11.4.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – LTE – Speech and video
telephony terminal acoustic test specification
(3GPP TS 26.132 version 11.4.0 Release 11)
- ETSI TS 126177 V 11.1.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – LTE – Speech Enabled
Services (SES) – Distributed Speech
Recognition (DSR) extended advanced front-end
test sequences (3GPP TS 26.177 version 11.1.0
Release 11)

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Universal Mobile Telecommunications
System (UMTS) – LTE – Transparent end-to-end
Packet-switched Streaming service (PSS) – General
description (3GPP TS 26.233 version 10.3.0
Release 10)
- ETSI TS 126233 V 11.2.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – LTE – Transparent end-to-end
Packet-switched Streaming service (PSS) – General
description (3GPP TS 26.233 version 11.2.0
Release 11)
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Universal Mobile Telecommunications
System (UMTS) – LTE – Transparent end-to-end
Packet-switched Streaming Service (PSS) –
Protocols and codecs (3GPP TS 26.234
version 11.4.0 Release 11)
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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 11.3.0 Release 11)
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Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – ANSI-C code for the
fixed-point distributed speech recognition extended
advanced front-end (3GPP TS 26.243 version 11.1.0
Release 11)
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Universal Mobile Telecommunications
System (UMTS) – LTE – Transparent end-to-end
Packet-switched Streaming Service (PSS) –
Progressive Download and Dynamic Adaptive
Streaming over HTTP (3GP-DASH) (3GPP TS
26.247 version 10.8.0 Release 10)
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Universal Mobile Telecommunications
System (UMTS) – LTE – Transparent end-to-end
Packet-switched Streaming Service (PSS) –
Progressive Download and Dynamic Adaptive
Streaming over HTTP (3GP-DASH) (3GPP TS
26.247 version 11.7.0 Release 11)
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Universal Mobile Telecommunications
System (UMTS) – LTE – Multimedia Broadcast/
Multicast Service (MBMS) – Protocols and codecs
(3GPP TS 26.346 version 9.15.0 Release 9)
- ETSI TS 126346 V 10.12.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Multimedia Broadcast/
Multicast Service (MBMS) – Protocols and codecs
(3GPP TS 26.346 version 10.12.0 Release 10)
- ETSI TS 126346 V 11.9.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Multimedia Broadcast/
Multicast Service (MBMS) – Protocols and codecs
(3GPP TS 26.346 version 11.9.0 Release 11)
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Universal Mobile Telecommunications
System (UMTS) – LTE – End-to-end multimedia
services performance metrics (3GPP TR 26.944
version 11.1.0 Release 11)
- ETSI TR 126946 V 11.2.0:2014-01
Digital cellular telecommunications system (Phase
2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Multimedia Broadcast/
Multicast Service (MBMS) user service guidelines
(3GPP TR 26.946 version 11.2.0 Release 11)
- ETSI TS 128621 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Generic Network Resource
Model (NRM) Integration Reference Point (IRP) –
Requirements (3GPP TS 28.621 version 11.1.0
Release 11)
- ETSI TS 128622 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Generic Network Resource
Model (NRM) Integration Reference Point (IRP) –
Information Service (IS) (3GPP TS 28.622
version 11.1.0 Release 11)
- ETSI TS 128623 V 11.2.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Generic Network Resource
Model (NRM) Integration Reference Point (IRP) –
Solution Set (SS) definitions (3GPP TS 28.623
version 11.2.0 Release 11)
- ETSI TS 128624 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – State management data definition
Integration Reference Point (IRP) – Requirements
(3GPP TS 28.624 version 11.1.0 Release 11)
- ETSI TS 128625 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – State management data definition
Integration Reference Point (IRP) – Information
Service (IS) (3GPP TS 28.625 version 11.1.0
Release 11)
- ETSI TS 128626 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – State management data definition
Integration Reference Point (IRP) – Solution
Set (SS) definitions (3GPP TS 28.626 version 11.1.0
Release 11)
- ETSI TS 128627 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Self-Organizing Networks (SON)
Policy Network Resource Model (NRM) Integration
Reference Point (IRP) – Requirements (3GPP TS
28.627 version 11.1.0 Release 11)
- ETSI TS 128628 V 11.4.0:2014-07
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 11.4.0 Release 11)
- ETSI TS 128629 V 11.3.0:2014-07
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 11.3.0 Release 11)
- ETSI TS 128631 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Inventory Management (IM) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Requirements (3GPP TS 28.631
version 11.1.0 Release 11)

ETSI TS 128632 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Inventory Management (IM) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Information Service (IS)
(3GPP TS 28.632 version 11.1.0 Release 11)

ETSI TS 128633 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Inventory Management (IM) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Solution Set (SS) definitions
(3GPP TS 28.633 version 11.1.0 Release 11)

ETSI TS 128651 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Universal Terrestrial Radio Access
Network (UTRAN) Network Resource Model (NRM)
Integration Reference Point (IRP) – Requirements
(3GPP TS 28.651 version 11.1.0 Release 11)

ETSI TS 128652 V 11.3.0:2014-07
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 11.3.0
Release 11)

ETSI TS 128653 V 11.3.0:2014-07
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 11.3.0
Release 11)

ETSI TS 128654 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – GSM/EDGE Radio Access Network
(GERAN) Network Resource Model (NRM)
Integration Reference Point (IRP) – Requirements
(3GPP TS 28.654 version 11.1.0 Release 11)

ETSI TS 128655 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – GSM/EDGE Radio Access Network
(GERAN) Network Resource Model (NRM)
Integration Reference Point (IRP) – Information
Service (IS) (3GPP TS 28.655 version 11.1.0
Release 11)

ETSI TS 128656 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – GSM/EDGE Radio Access Network
(GERAN) Network Resource Model (NRM)
Integration Reference Point (IRP) – Solution
Set (SS) definitions (3GPP TS 28.656 version 11.1.0
Release 11)

ETSI TS 128657 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Requirements (3GPP TS 28.657 version 11.1.0
Release 11)

ETSI TS 128658 V 11.4.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Information Service (IS) (3GPP TS 28.658
version 11.4.0 Release 11)

ETSI TS 128659 V 11.4.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Solution Set (SS) definitions (3GPP TS 28.659
version 11.4.0 Release 11)

ETSI TS 128661 V 11.2.0:2014-07
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 11.2.0 Release 11)

ETSI TS 128662 V 11.2.0:2014-07
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 11.2.0
Release 11)

ETSI TS 128663 V 11.2.0:2014-07
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 11.2.0
Release 11)

ETSI TS 128671 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Home Node B (HNB)
Subsystem (HNS) Network Resource Model (NRM)
Integration Reference Point (IRP) – Requirements
(3GPP TS 28.671 version 11.1.0 Release 11)

ETSI TS 128672 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Home Node B (HNB)
Subsystem (HNS) Network Resource Model (NRM)
Integration Reference Point (IRP) – Information
Service (IS) (3GPP TS 28.672 version 11.1.0
Release 11)

ETSI TS 128673 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Home Node B (HNB)
Subsystem (HNS) Network Resource Model (NRM)
Integration Reference Point (IRP) – Solution
Set (SS) definitions (3GPP TS 28.673 version 11.1.0
Release 11)

ETSI TS 128674 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Home enhanced Node B (HeNB)
Subsystem (HeNS) Network Resource Model (NRM)
Integration Reference Point (IRP) – Requirements
(3GPP TS 28.674 version 11.1.0 Release 11)

- ETSI TS 128675 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Home enhanced Node B (HeNB)
Subsystem (HeNS) Network Resource Model (NRM)
Integration Reference Point (IRP) – Information
Service (IS) (3GPP TS 28.675 version 11.1.0
Release 11)
- ETSI TS 128676 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Home enhanced Node B (HeNB)
Subsystem (HeNS) Network Resource Model (NRM)
Integration Reference Point (IRP) – Solution
Set (SS) definitions (3GPP TS 28.676 version 11.1.0
Release 11)
- ETSI TS 128701 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Core Network (CN) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Requirements (3GPP TS 28.701
version 11.1.0 Release 11)
- ETSI TS 128702 V 11.2.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Core Network (CN) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Information Service (IS)
(3GPP TS 28.702 version 11.2.0 Release 11)
- ETSI TS 128703 V 11.2.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Core Network (CN) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Solution Set (SS) definitions (3GPP TS
28.703 version 11.2.0 Release 11)
- ETSI TS 128704 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – IP Multimedia Subsystem (IMS)
Network Resource Model (NRM) Integration
Reference Point (IRP) – Requirements (3GPP TS
28.704 version 11.1.0 Release 11)
- ETSI TS 128705 V 11.2.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – IP Multimedia Subsystem (IMS)
Network Resource Model (NRM) Integration
Reference Point (IRP) – Information Service (IS)
(3GPP TS 28.705 version 11.2.0 Release 11)
- ETSI TS 128706 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – IP Multimedia Subsystem (IMS)
Network Resource Model (NRM) Integration
Reference Point (IRP) – Solution Set (SS) definitions
(3GPP TS 28.706 version 11.1.0 Release 11)
- ETSI TS 128707 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Packet Core (EPC) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Requirements (3GPP TS 28.707
version 11.1.0 Release 11)
- ETSI TS 128708 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Packet Core (EPC) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Information Service (IS) (3GPP TS
28.708 version 11.1.0 Release 11)
- ETSI TS 128709 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Packet Core (EPC) Network
Resource Model (NRM) Integration Reference
Point (IRP) – Solution Set (SS) definitions (3GPP TS
28.709 version 11.1.0 Release 11)
- ETSI TS 128731 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Transport Network (TN) interface
Network Resource Model (NRM) Integration
Reference Point (IRP) – Requirements (3GPP TS
28.731 version 11.1.0 Release 11)
- ETSI TS 128732 V 11.2.0:2014-07
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 11.2.0 Release 11)
- ETSI TS 128733 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Transport Network (TN) interface
Network Resource Model (NRM) Integration
Reference Point (IRP) – Solution Set (SS) definitions
(3GPP TS 28.733 version 11.1.0 Release 11)
- ETSI TS 128734 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Signalling Transport Network (STN)
interface Network Resource Model (NRM)
Integration Reference Point (IRP) – Requirements
(3GPP TS 28.734 version 11.1.0 Release 11)
- ETSI TS 128735 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Signalling Transport Network (STN)
interface Network Resource Model (NRM)
Integration Reference Point (IRP) – Information
Service (IS) (3GPP TS 28.735 version 11.1.0
Release 11)
- ETSI TS 128736 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Signalling Transport Network (STN)
interface Network Resource Model (NRM)
Integration Reference Point (IRP) – Solution
Set (SS) definitions (3GPP TS 28.736 version 11.1.0
Release 11)
- ETSI TS 128751 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Subscription Management (SuM)
Network Resource Model (NRM) Integration
Reference Point (IRP) – Requirements (3GPP TS
28.751 version 11.1.0 Release 11)
- ETSI TS 128752 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Subscription Management (SuM)
Network Resource Model (NRM) Integration
Reference Point (IRP) – Information Service (IS)
(3GPP TS 28.752 version 11.1.0 Release 11)
- ETSI TS 128753 V 11.1.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Subscription Management (SuM)
Network Resource Model (NRM) Integration
Reference Point (IRP) – Solution Set (SS) definitions
(3GPP TS 28.753 version 11.1.0 Release 11)
- ETSI TS 129002 V 11.10.0:2014-07

- Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – Mobile Application Part (MAP)
specification (3GPP TS 29.002 version 11.10.0
Release 11)
- ETSI TS 129010 V 10.3.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Information element
mapping between Mobile Station – Base Station
System (MS – BSS) and Base Station System –
Mobile-services Switching Centre (BSS – MSC) –
Signalling Procedures and the Mobile Application
Part (MAP) (3GPP TS 29.010 version 10.3.0
Release 10)
- ETSI TS 129010 V 11.1.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Information element
mapping between Mobile Station – Base Station
System (MS – BSS) and Base Station System –
Mobile-services Switching Centre (BSS – MSC) –
Signalling Procedures and the Mobile Application
Part (MAP) (3GPP TS 29.010 version 11.1.0
Release 11)
- ETSI TS 129018 V 11.7.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – General Packet Radio
Service (GPRS) – Serving GPRS Support
Node (SGSN) – Visitors Location Register (VLR) –
Gs interface layer 3 specification (3GPP TS 29.018
version 11.7.0 Release 11)
- ETSI TS 129060 V 10.10.0:2014-03
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 10.10.0 Release 10)
- ETSI TS 129060 V 11.9.0:2014-03
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 11.9.0 Release 11)
- ETSI TS 129061 V 11.7.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Interworking between
the Public Land Mobile Network (PLMN)
supporting packet based services and Packet Data
Networks (PDN) (3GPP TS 29.061 version 11.7.0
Release 11)
- ETSI TS 129079 V 10.5.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Optimal media routing
within the IP Multimedia Subsystem (IMS) – Stage 3
(3GPP TS 29.079 version 10.5.0 Release 10)
- ETSI TS 129079 V 11.4.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Optimal media routing
within the IP Multimedia Subsystem (IMS) – Stage 3
(3GPP TS 29.079 version 11.4.0 Release 11)
- ETSI TS 129109 V 8.8.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Generic Authentication
Architecture (GAA) – Zh and Zn Interfaces based on
the Diameter protocol – Stage 3 (3GPP TS 29.109
version 8.8.0 Release 8)
- ETSI TS 129109 V 9.6.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Generic Authentication
Architecture (GAA) – Zh and Zn Interfaces based on
the Diameter protocol – Stage 3 (3GPP TS 29.109
version 9.6.0 Release 9)
- ETSI TS 129109 V 10.4.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Generic Authentication
Architecture (GAA) – Zh and Zn Interfaces based on
the Diameter protocol – Stage 3 (3GPP TS 29.109
version 10.4.0 Release 10)
- ETSI TS 129109 V 11.5.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Generic Authentication
Architecture (GAA) – Zh and Zn Interfaces based on
the Diameter protocol – Stage 3 (3GPP TS 29.109
version 11.5.0 Release 11)
- ETSI TS 129118 V 10.13.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Mobility Management
Entity (MME) – Visitor Location Register (VLR)
SGs interface specification (3GPP TS 29.118
version 10.13.0 Release 10)
- ETSI TS 129118 V 11.11.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Mobility Management
Entity (MME) – Visitor Location Register (VLR)
SGs interface specification (3GPP TS 29.118
version 11.11.0 Release 11)
- ETSI TS 129162 V 11.2.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Interworking between the
IM CN subsystem and IP networks
(3GPP TS 29.162 version 11.2.0 Release 11)
- ETSI TS 129163 V 8.25.0:2014-07
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 8.25.0 Release 8)
- ETSI TS 129163 V 9.18.0:2014-07
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 9.18.0 Release 9)
- ETSI TS 129163 V 10.14.0:2014-07
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 10.14.0 Release 10)
- ETSI TS 129163 V 11.11.0:2014-07
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 11.11.0 Release 11)

- ETSI TS 129165 V 9.18.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Inter-IMS Network
to Network Interface (NNI) (3GPP TS 29.165
version 9.18.0 Release 9)
- ETSI TS 129165 V 10.16.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Inter-IMS Network
to Network Interface (NNI) (3GPP TS 29.165
version 10.16.0 Release 10)
- ETSI TS 129165 V 11.11.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Inter-IMS Network
to Network Interface (NNI) (3GPP TS 29.165
version 11.11.0 Release 11)
- ETSI TS 129199-3 V 8.5.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Open Service
Access (OSA) – Parlay X web services – Part 3:
Call notification (3GPP TS 29.199-03 version 8.5.0
Release 8)
- ETSI TS 129199-3 V 9.3.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Open Service
Access (OSA) – Parlay X web services – Part 3:
Call notification (3GPP TS 29.199-03 version 9.3.0
Release 9)
- ETSI TS 129212 V 7.16.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and Charging
Control (PCC) – Reference points (3GPP TS 29.212
version 7.16.0 Release 7)
- ETSI TS 129212 V 8.23.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and Charging
Control (PCC) – Reference points (3GPP TS 29.212
version 8.23.0 Release 8)
- ETSI TS 129212 V 9.18.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and Charging
Control (PCC) – Reference points (3GPP TS 29.212
version 9.18.0 Release 9)
- ETSI TS 129212 V 10.15.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and Charging
Control (PCC) – Reference points (3GPP TS 29.212
version 10.15.0 Release 10)
- ETSI TS 129212 V 11.13.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and Charging
Control (PCC) – Reference points (3GPP TS 29.212
version 11.13.0 Release 11)
- ETSI TS 129213 V 8.17.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and charging
control signalling flows and Quality of Service (QoS)
parameter mapping (3GPP TS 29.213 version 8.17.0
Release 8)
- ETSI TS 129213 V 9.13.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and charging
control signalling flows and Quality of Service (QoS)
parameter mapping (3GPP TS 29.213 version 9.13.0
Release 9)
- ETSI TS 129213 V 10.11.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and charging
control signalling flows and Quality of Service (QoS)
parameter mapping (3GPP TS 29.213
version 10.11.0 Release 10)
- ETSI TS 129213 V 11.11.1:2014-07
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 11.11.1 Release 11)
- ETSI TS 129214 V 8.18.1:2014-02
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and charging
control over Rx reference point (3GPP TS 29.214
version 8.18.1 Release 8)
- ETSI TS 129214 V 9.16.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and charging
control over Rx reference point (3GPP TS 29.214
version 9.16.0 Release 9)
- ETSI TS 129214 V 10.13.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and charging
control over Rx reference point (3GPP TS 29.214
version 10.13.0 Release 10)
- ETSI TS 129214 V 11.13.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and charging
control over Rx reference point (3GPP TS 29.214
version 11.13.0 Release 11)
- ETSI TS 129215 V 8.15.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and Charging
Control (PCC) over S9 reference point – Stage 3
(3GPP TS 29.215 version 8.15.0 Release 8)
- ETSI TS 129215 V 9.13.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and Charging
Control (PCC) over S9 reference point – Stage 3
(3GPP TS 29.215 version 9.13.0 Release 9)
- ETSI TS 129215 V 10.8.0:2014-07
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 10.8.0 Release 10)
- ETSI TS 129215 V 11.13.0:2014-07
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 11.13.0 Release 11)
- ETSI TS 129219 V 11.6.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Policy and charging control:
Spending limit reporting over Sy reference point
(3GPP TS 29.219 version 11.6.0 Release 11)
- ETSI TS 129228 V 11.10.0:2013-12
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 11.10.0 Release 11)

- ETSI TS 129230 V 8.18.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Diameter applications –
3GPP specific codes and identifiers
(3GPP TS 29.230 version 8.18.0 Release 8)
- ETSI TS 129230 V 9.16.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Diameter applications –
3GPP specific codes and identifiers
(3GPP TS 29.230 version 9.16.0 Release 9)
- ETSI TS 129230 V 10.12.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Diameter applications –
3GPP specific codes and identifiers
(3GPP TS 29.230 version 10.12.0 Release 10)
- ETSI TS 129230 V 11.11.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Diameter applications –
3GPP specific codes and identifiers
(3GPP TS 29.230 version 11.11.0 Release 11)
- ETSI TS 129272 V 8.14.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Evolved Packet
System (EPS) – Mobility Management Entity (MME)
and Serving GPRS Support Node (SGSN) related
interfaces based on Diameter protocol
(3GPP TS 29.272 version 8.14.0 Release 8)
- ETSI TS 129272 V 9.13.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Evolved Packet
System (EPS) – Mobility Management Entity (MME)
and Serving GPRS Support Node (SGSN) related
interfaces based on Diameter protocol
(3GPP TS 29.272 version 9.13.0 Release 9)
- ETSI TS 129272 V 10.9.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Evolved Packet
System (EPS) – Mobility Management Entity (MME)
and Serving GPRS Support Node (SGSN) related
interfaces based on Diameter protocol (3GPP TS
29.272 version 10.9.0 Release 10)
- ETSI TS 129272 V 11.10.0:2014-07
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 11.10.0 Release 11)
- ETSI TS 129273 V 8.14.0:2013-12
Universal Mobile Telecommunications
System (UMTS) – LTE – Evolved Packet
System (EPS) – 3GPP EPS AAA interfaces
(3GPP TS 29.273 version 8.14.0 Release 8)
- ETSI TS 129273 V 9.13.0:2013-12
Universal Mobile Telecommunications
System (UMTS) – LTE – Evolved Packet
System (EPS) – 3GPP EPS AAA interfaces
(3GPP TS 29.273 version 9.13.0 Release 9)
- ETSI TS 129273 V 10.11.0:2013-12
Universal Mobile Telecommunications
System (UMTS) – LTE – Evolved Packet
System (EPS) – 3GPP EPS AAA interfaces
(3GPP TS 29.273 version 10.11.0 Release 10)
- ETSI TS 129273 V 11.9.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – LTE – Evolved Packet
System (EPS) – 3GPP EPS AAA interfaces
(3GPP TS 29.273 version 11.9.0 Release 11)
- ETSI TS 129274 V 10.12.0:2013-12
Universal Mobile Telecommunications
System (UMTS) – LTE – 3GPP Evolved Packet
System (EPS) – Evolved General Packet Radio
Service (GPRS) Tunnelling Protocol for Control
plane (GTPv2-C) – Stage 3 (3GPP TS 29.274
version 10.12.0 Release 10)
- ETSI TS 129274 V 11.11.0:2014-07
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 11.11.0 Release 11)
- ETSI TS 129275 V 11.9.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – LTE – Proxy Mobile IPv6
(PMIPv6) based Mobility and Tunnelling protocols –
Stage 3 (3GPP TS 29.275 version 11.9.0
Release 11)
- ETSI TS 129280 V 9.9.0:2014-07
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 9.9.0 Release 9)
- ETSI TS 129280 V 10.5.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Evolved Packet
System (EPS) – 3GPP Sv interface (MME to MSC,
and SGSN to MSC) for SRVCC (3GPP TS 29.280
version 10.5.0 Release 10)
- ETSI TS 129280 V 11.6.0:2014-07
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 11.6.0 Release 11)
- ETSI TS 129292 V 8.9.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Interworking between
the IP Multimedia (IM) Core Network (CN)
subsystem (IMS) and MSC Server for IMS
Centralized Services (ICS) (3GPP TS 29.292
version 8.9.0 Release 8)
- ETSI TS 129292 V 9.5.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Interworking between
the IP Multimedia (IM) Core Network (CN)
subsystem (IMS) and MSC Server for IMS
Centralized Services (ICS) (3GPP TS 29.292
version 9.5.0 Release 9)
- ETSI TS 129292 V 10.7.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Interworking between
the IP Multimedia (IM) Core Network (CN)
subsystem (IMS) and MSC Server for IMS
Centralized Services (ICS) (3GPP TS 29.292
version 10.7.0 Release 10)
- ETSI TS 129292 V 11.7.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Interworking between
the IP Multimedia (IM) Core Network (CN)
subsystem (IMS) and MSC Server for IMS
Centralized Services (ICS) (3GPP TS 29.292
version 11.7.0 Release 11)
- ETSI TS 129303 V 8.5.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Domain Name System
Procedures – Stage 3 (3GPP TS 29.303
version 8.5.0 Release 8)

- ETSI TS 129303 V 9.5.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Domain Name System
Procedures – Stage 3 (3GPP TS 29.303
version 9.5.0 Release 9)
- ETSI TS 129303 V 10.5.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Domain Name System
Procedures – Stage 3 (3GPP TS 29.303
version 10.5.0 Release 10)
- ETSI TS 129303 V 11.3.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Domain Name System
Procedures – Stage 3 (3GPP TS 29.303
version 11.3.0 Release 11)
- ETSI TS 129305 V 11.7.0:2013-12
Universal Mobile Telecommunications
System (UMTS) – LTE – InterWorking
Function (IWF) between MAP based and Diameter
based interfaces (3GPP TS 29.305 version 11.7.0
Release 11)
- ETSI TS 129328 V 11.11.0:2014-07
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 11.11.0
Release 11)
- ETSI TS 129334 V 10.7.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – IMS Application Level
Gateway (IMS-ALG) – IMS Access Gateway (IMS-
AGW) – Iq Interface – Stage 3 (3GPP TS 29.334
version 10.7.0 Release 10)
- ETSI TS 129334 V 11.3.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – IMS Application Level
Gateway (IMS-ALG) – IMS Access Gateway (IMS-
AGW) – Iq Interface – Stage 3 (3GPP TS 29.334
version 11.3.0 Release 11)
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Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Characteristics of the
IP Multimedia Services Identity Module (ISIM)
application (3GPP TS 31.103 version 8.6.0
Release 8)
- ETSI TS 131103 V 9.4.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Characteristics of the
IP Multimedia Services Identity Module (ISIM)
application (3GPP TS 31.103 version 9.4.0
Release 9)
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Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Characteristics of the
IP Multimedia Services Identity Module (ISIM)
application (3GPP TS 31.103 version 10.3.0
Release 10)
- ETSI TS 131103 V 11.2.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Characteristics of the
IP Multimedia Services Identity Module (ISIM)
application (3GPP TS 31.103 version 11.2.0
Release 11)
- ETSI TS 131104 V 11.2.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – LTE – Characteristics of the
Hosting Party Subscription Identity Module (HPSIM)
application (3GPP TS 31.104 version 11.2.0
Release 11)
- ETSI TS 131111 V 9.11.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Universal Subscriber
Identity Module (USIM) Application Toolkit (USAT)
(3GPP TS 31.111 version 9.11.0 Release 9)
- ETSI TS 131111 V 10.13.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Universal Subscriber
Identity Module (USIM) Application Toolkit (USAT)
(3GPP TS 31.111 version 10.13.0 Release 10)
- ETSI TS 131111 V 11.9.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Universal Subscriber
Identity Module (USIM) Application Toolkit (USAT)
(3GPP TS 31.111 version 11.9.0 Release 11)
- ETSI TS 131121 V 11.4.0:2014-04
Universal Mobile Telecommunications
System (UMTS) – LTE – UICC-terminal interface –
Universal Subscriber Identity Module (USIM)
application test specification (3GPP TS 31.121
version 11.4.0 Release 11)
- ETSI TS 131124 V 11.7.0:2014-07
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 11.7.0 Release 11)
- ETSI TS 132101 V 11.2.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Principles and high level
requirements (3GPP TS 32.101 version 11.2.0
Release 11)
- ETSI TS 132103 V 11.4.0:2014-07
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 11.4.0 Release 11)
- ETSI TS 132107 V 11.1.1:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Fixed Mobile Convergence (FMC)
Federated Network Information Model (FNIM)
(3GPP TS 32.107 version 11.1.1 Release 11)
- ETSI TS 132150 V 11.3.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Integration Reference Point (IRP)
Concept and definitions (3GPP TS 32.150
version 11.3.0 Release 11)
- ETSI TS 132157 V 11.4.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Integration Reference Point (IRP)
Information Service (IS) template (3GPP TS 32.157
version 11.4.0 Release 11)

- ETSI TS 132240 V 11.7.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – Charging
architecture and principles (3GPP TS 32.240
version 11.7.0 Release 11)
- ETSI TS 132251 V 8.16.0:2014-07
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 8.16.0 Release 8)
- ETSI TS 132251 V 9.12.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – Packet
Switched (PS) domain charging (3GPP TS 32.251
version 9.12.0 Release 9)
- ETSI TS 132251 V 10.14.0:2014-07
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 10.14.0 Release 10)
- ETSI TS 132251 V 11.10.0:2014-07
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 11.10.0 Release 11)
- ETSI TS 132260 V 8.17.0:2014-01
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 8.17.0 Release 8)
- ETSI TS 132260 V 9.15.0:2014-01
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 9.15.0 Release 9)
- ETSI TS 132260 V 10.12.0:2014-01
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 10.12.0 Release 10)
- ETSI TS 132260 V 11.12.0:2014-07
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 11.12.0 Release 11)
- ETSI TS 132270 V 11.0.1:2014-08
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – Telecommunication
management – Charging management – Multimedia
Messaging Service (MMS) charging
(3GPP TS 32.270 version 11.0.1 Release 11)
- ETSI TS 132271 V 11.1.2:2014-08
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – Telecommunication
management – Charging management – Location
Services (LCS) charging (3GPP TS 32.271
version 11.1.2 Release 11)
- ETSI TS 132272 V 8.3.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – Push-to-
talk over Cellular (PoC) charging (3GPP TS 32.272
version 8.3.0 Release 8)
- ETSI TS 132272 V 9.1.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – Push-to-
talk over Cellular (PoC) charging (3GPP TS 32.272
version 9.1.0 Release 9)
- ETSI TS 132272 V 10.1.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – Push-to-
talk over Cellular (PoC) charging (3GPP TS 32.272
version 10.1.0 Release 10)
- ETSI TS 132272 V 11.1.1:2014-08
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – Telecommunication
management – Charging management – Push-to-
talk over Cellular (PoC) charging (3GPP TS 32.272
version 11.1.1 Release 11)
- ETSI TS 132273 V 8.2.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – Multimedia
Broadcast and Multicast Service (MBMS) charging
(3GPP TS 32.273 version 8.2.0 Release 8)
- ETSI TS 132273 V 9.3.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – Multimedia
Broadcast and Multicast Service (MBMS) charging
(3GPP TS 32.273 version 9.3.0 Release 9)
- ETSI TS 132273 V 10.1.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – Multimedia
Broadcast and Multicast Service (MBMS) charging
(3GPP TS 32.273 version 10.1.0 Release 10)
- ETSI TS 132273 V 11.1.1:2014-08
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – Telecommunication
management – Charging management – Multimedia
Broadcast and Multicast Service (MBMS) charging
(3GPP TS 32.273 version 11.1.1 Release 11)
- ETSI TS 132275 V 8.5.0:2014-01
Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Charging management – MultiMedia
Telephony (MMTel) charging (3GPP TS 32.275
version 8.5.0 Release 8)

- ETSI TS 132280 V 10.5.0:2014-01
Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Advice of Charge (AoC) service (3GPP TS 32.280 version 10.5.0 Release 10)
- ETSI TS 132280 V 11.1.1:2014-08
Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Charging management – Advice of Charge (AoC) service (3GPP TS 32.280 version 11.1.1 Release 11)
- ETSI TS 132298 V 8.20.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 8.20.0 Release 8)
- ETSI TS 132298 V 9.18.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 9.18.0 Release 9)
- ETSI TS 132298 V 10.15.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 10.15.0 Release 10)
- ETSI TS 132298 V 11.10.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 11.10.0 Release 11)
- ETSI TS 132299 V 8.22.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 8.22.0 Release 8)
- ETSI TS 132299 V 9.17.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 9.17.0 Release 9)
- ETSI TS 132299 V 10.12.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 10.12.0 Release 10)
- ETSI TS 132299 V 11.12.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 11.12.0 Release 11)
- ETSI TS 132422 V 10.13.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 10.13.0 Release 10)
- ETSI TS 132422 V 11.10.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 11.10.0 Release 11)
- ETSI TS 132423 V 9.7.0:2014-03
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 9.7.0 Release 9)
- ETSI TS 132423 V 10.9.0:2014-07
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 10.9.0 Release 10)
- ETSI TS 132423 V 11.8.0:2014-07
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 11.8.0 Release 11)
- ETSI TS 132525 V 9.2.0:2014-01
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) – eXtensible Markup Language (XML) file format definition (3GPP TS 32.525 version 9.2.0 Release 9)
- ETSI TS 132526 V 10.5.0:2014-01
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) – Solution Set (SS) definitions (3GPP TS 32.526 version 10.5.0 Release 10)
- ETSI TS 132526 V 11.7.0:2014-01
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) – Solution Set (SS) definitions (3GPP TS 32.526 version 11.7.0 Release 11)
- ETSI TS 132616 V 10.2.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.616 version 10.2.0 Release 10)

- ETSI TS 132616 V 11.1.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Configuration Management (CM) –
Bulk CM Integration Reference Point (IRP) –
Solution Set (SS) definitions (3GPP TS 32.616
version 11.1.0 Release 11)
- ETSI TS 132762 V 9.5.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Information Service (IS) (3GPP TS 32.762
version 9.5.0 Release 9)
- ETSI TS 132762 V 10.8.0:2014-04
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Information Service (IS) (3GPP TS 32.762
version 10.8.0 Release 10)
- ETSI TS 132762 V 11.7.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
Information Service (IS) (3GPP TS 32.762
version 11.7.0 Release 11)
- ETSI TS 132763 V 9.5.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) Network Resource
Model (NRM) Integration Reference Point (IRP):
Common Object Request Broker Architecture
(CORBA) Solution Set (SS) (3GPP TS 32.763
version 9.5.0 Release 9)
- ETSI TS 132765 V 9.6.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Telecommunication
management – Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) Network Resource
Model (NRM) Integration Reference Point (IRP) –
eXtensible Markup Language (XML) definitions
(3GPP TS 32.765 version 9.6.0 Release 9)
- ETSI TS 132766 V 10.9.0:2014-07
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 10.9.0 Release 10)
- ETSI TS 132766 V 11.9.0:2014-07
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 11.9.0 Release 11)
- ETSI TS 133102 V 9.5.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – 3G security – Security
architecture (3GPP TS 33.102 version 9.5.0
Release 9)
- ETSI TS 133102 V 10.1.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – 3G security – Security
architecture (3GPP TS 33.102 version 10.1.0
Release 10)
- ETSI TS 133102 V 11.6.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – 3G security – Security
architecture (3GPP TS 33.102 version 11.6.0
Release 11)
- ETSI TS 133107 V 11.4.0:2014-07
Universal Mobile Telecommunications
System (UMTS) – LTE – 3G security – Lawful
interception architecture and functions (3GPP TS
33.107 version 11.4.0 Release 11)
- ETSI TS 133221 V 11.1.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Generic Authentication
Architecture (GAA) – Support for subscriber
certificates (3GPP TS 33.221 version 11.1.0
Release 11)
- ETSI TS 133222 V 11.3.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Generic Authentication
Architecture (GAA) – Access to network application
functions using Hypertext Transfer Protocol over
Transport Layer Security (HTTPS) (3GPP TS 33.222
version 11.3.0 Release 11)
- ETSI TR 133980 V 11.1.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Liberty Alliance and 3GPP
security interworking – Interworking of Liberty
Alliance Identity Federation Framework (ID-FF),
Identity Web Services Framework (ID-WSF) and
Generic Authentication Architecture (GAA)
(3GPP TR 33.980 version 11.1.0 Release 11)
- ETSI TS 134108 V 11.9.0:2014-04
Universal Mobile Telecommunications
System (UMTS) – LTE – Common test environments
for User Equipment (UE) – Conformance testing
(3GPP TS 34.108 version 11.9.0 Release 11)
- ETSI TS 134109 V 9.3.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – Terminal logical test interface –
Special conformance testing functions (3GPP TS
34.109 version 9.3.0 Release 9)
- ETSI TS 134109 V 10.3.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – Terminal logical test interface –
Special conformance testing functions
(3GPP TS 34.109 version 10.3.0 Release 10)
- ETSI TS 134109 V 11.2.0:2014-03
Universal Mobile Telecommunications
System (UMTS) – Terminal logical test interface –
Special conformance testing functions
(3GPP TS 34.109 version 11.2.0 Release 11)
- ETSI TS 134121-1 V 11.2.0:2014-02
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 11.2.0 Release 11)

- ETSI TS 134121-1 V 11.3.0:2014-04
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 11.3.0 Release 11)
- ETSI TS 134121-2 V 10.9.0:2014-01
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 10.9.0 Release 10)
- ETSI TS 134121-2 V 11.1.0:2014-01
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 11.1.0 Release 11)
- ETSI TS 134121-2 V 11.2.0:2014-03
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 11.2.0 Release 11)
- ETSI TS 134121-2 V 11.3.0:2014-07
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 11.3.0 Release 11)
- ETSI TS 134122 V 11.8.0:2014-04
Universal Mobile Telecommunications System (UMTS) – Terminal conformance specification – Radio transmission and reception (TDD) (3GPP TS 34.122 version 11.8.0 Release 11)
- ETSI TS 134123-1 V 10.7.0:2014-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 10.7.0 Release 10)
- ETSI TS 134123-1 V 11.1.0:2014-04
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 11.1.0 Release 11)
- ETSI TS 134123-1 V 11.2.0:2014-04
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 11.2.0 Release 11)
- ETSI TS 134123-2 V 10.7.0:2014-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 10.7.0 Release 10)
- ETSI TS 134123-2 V 11.1.0:2014-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 11.1.0 Release 11)
- ETSI TS 134123-2 V 11.2.0:2014-04
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 11.2.0 Release 11)
- ETSI TS 134123-3 V 10.6.0:2014-01
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 10.6.0 Release 10)
- ETSI TS 134123-3 V 11.1.0:2014-02
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 11.1.0 Release 11)
- ETSI TS 134123-3 V 11.2.0:2014-04
Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 11.2.0 Release 11)
- ETSI TS 134229-1 V 10.4.0:2014-01
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 10.4.0 Release 10)
- ETSI TS 134229-1 V 10.5.0:2014-03
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 10.5.0 Release 10)
- ETSI TS 134229-1 V 11.0.0:2014-01
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 11.0.0 Release 11)
- ETSI TS 134229-1 V 11.1.0:2014-03
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 11.1.0 Release 11)
- ETSI TS 134229-2 V 10.3.0:2014-01
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 10.3.0 Release 10)

- ETSI TS 134229-2 V 11.0.0:2014-03
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 11.0.0 Release 11)
- ETSI TS 134229-3 V 9.10.0:2014-01
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 9.10.0 Release 9)
- ETSI TS 134229-3 V 10.1.0:2014-01
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 10.1.0 Release 10)
- ETSI TS 134229-3 V 10.2.0:2014-03
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 10.2.0 Release 10)
- ETSI TS 134229-3 V 10.3.0:2014-07
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 10.3.0 Release 10)
- ETSI TR 134902 V 9.5.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Derivation of test tolerances for multi-cell Radio Resource Management (RRM) conformance tests (3GPP TR 34.902 version 9.5.0 Release 9)
- ETSI TS 136101 V 8.24.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 8.24.0 Release 8)
- ETSI TS 136101 V 9.19.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 9.19.0 Release 9)
- ETSI TS 136101 V 10.14.0:2014-04
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.14.0 Release 10)
- ETSI TS 136101 V 11.8.0:2014-04
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.8.0 Release 11)
- ETSI TS 136104 V 11.9.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 11.9.0 Release 11)
- ETSI TS 136111 V 11.3.0:2014-07
LTE – Location Measurement Unit (LMU) performance specification – Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 36.111 version 11.3.0 Release 11)
- ETSI TS 136133 V 9.20.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 9.20.0 Release 9)
- ETSI TS 136133 V 10.14.0:2014-04
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 10.14.0 Release 10)
- ETSI TS 136133 V 11.8.0:2014-04
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 11.8.0 Release 11)
- ETSI TS 136141 V 11.9.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 11.9.0 Release 11)
- ETSI TS 136211 V 11.5.0:2014-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 11.5.0 Release 11)
- ETSI TS 136212 V 11.5.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 11.5.0 Release 11)
- ETSI TS 136213 V 10.12.0:2014-03
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 10.12.0 Release 10)
- ETSI TS 136213 V 11.7.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 11.7.0 Release 11)
- ETSI TS 136300 V 11.10.0:2014-07
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 11.10.0 Release 11)
- ETSI TS 136302 V 11.5.0:2014-03
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Services provided by the physical layer (3GPP TS 36.302 version 11.5.0 Release 11)
- ETSI TS 136304 V 10.8.0:2014-03
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 10.8.0 Release 10)
- ETSI TS 136304 V 11.6.0:2014-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 11.6.0 Release 11)
- ETSI TS 136306 V 9.9.0:2014-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 9.9.0 Release 9)
- ETSI TS 136306 V 10.11.0:2014-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 10.11.0 Release 10)

- ETSI TS 136306 V 11.7.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 11.7.0 Release 11)
- ETSI TS 136307 V 8.11.0:2014-04
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 8.11.0 Release 8)
- ETSI TS 136307 V 9.12.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 9.12.0 Release 9)
- ETSI TS 136307 V 10.11.0:2014-07
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- ETSI TS 136306 V 9.9.0:2014-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 9.9.0 Release 9)
- ETSI TS 136306 V 10.11.0:2014-01
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 10.11.0 Release 10)
- ETSI TS 136306 V 11.7.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 11.7.0 Release 11)
- ETSI TS 136307 V 8.11.0:2014-04
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 8.11.0 Release 8)
- ETSI TS 136307 V 9.12.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 9.12.0 Release 9)
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 10.11.0 Release 10)
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LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 10.13.0 Release 10)
- ETSI TS 136331 V 11.8.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 11.8.0 Release 11)
- ETSI TS 136355 V 9.14.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 9.14.0 Release 9)
- ETSI TS 136355 V 10.12.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 10.12.0 Release 10)
- ETSI TS 136355 V 11.6.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 11.6.0 Release 11)
- ETSI TS 136413 V 9.9.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 9.9.0 Release 9)
- ETSI TS 136413 V 10.8.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 10.8.0 Release 10)
- ETSI TS 136413 V 11.7.0:2014-07
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 11.7.0 Release 11)
- ETSI TS 136423 V 11.8.0:2014-03
LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 11.8.0 Release 11)
- ETSI TS 136508 V 11.4.0:2014-04
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 11.4.0 Release 11)
- ETSI TS 136509 V 10.2.0:2014-03
LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 10.2.0 Release 10)
- ETSI TS 136521-1 V 11.3.0:2014-03
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 11.3.0 Release 11)
- ETSI TS 136521-1 V 11.4.0:2014-03
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 11.4.0 Release 11)
- ETSI TS 136521-2 V 11.3.0:2014-01
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 11.3.0 Release 11)
- ETSI TS 136521-2 V 11.4.0:2014-04
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 11.4.0 Release 11)
- ETSI TS 136521-3 V 11.3.0:2014-02
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 11.3.0 Release 11)
- ETSI TS 136521-3 V 11.4.0:2014-04
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 11.4.0 Release 11)

- ETSI TS 136523-1 V 11.5.0:2014-02
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 11.5.0 Release 11)
- ETSI TS 136523-1 V 11.6.0 : 2014-04
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 11.6.0 Release 11)
- ETSI TS 136523-2 V 11.5.0:2014-01
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 11.5.0 Release 11)
- ETSI TS 136523-2 V 11.6.0:2014-04
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 11.6.0 Release 11)
- ETSI TS 136523-3 V 11.2.0:2014-02
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 11.2.0 Release 11)
- ETSI TS 136523-3 V 11.3.0:2014-04
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 11.3.0 Release 11)
- ETSI TR 136903 V 10.5.0:2014-03
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 10.5.0 Release 10)
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- ETSI TS 137104 V 9.11.0:2014-01
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 9.11.0 Release 9)
- ETSI TS 137104 V 10.14.0:2014-04
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 10.14.0 Release 10)
- ETSI TS 137104 V 11.9.0:2014-07
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 11.9.0 Release 11)
- ETSI TS 137113 V 11.2.0:2014-07
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) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 11.2.0 Release 11)
- ETSI TS 137141 V 9.12.2:2014-04
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 9.12.2 Release 9)
- ETSI TS 137141 V 10.13.0:2014-04
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 10.13.0 Release 10)
- ETSI TS 137141 V 11.9.0:2014-07
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 11.9.0 Release 11)
- ETSI TS 137571-1 V 10.6.0:2014-01
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 10.6.0 Release 10)
- ETSI TS 137571-1 V 10.7.0:2014-03
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 10.7.0 Release 10)
- ETSI TS 137571-1 V 11.0.0:2014-03
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 11.0.0 Release 11)
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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 11.1.0 Release 11)
- ETSI TS 137571-2 V 10.5.0:2014-01
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 10.5.0 Release 10)

- ETSI TS 137571-2 V 10.6.0:2014-04
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 10.6.0 Release 10)
- ETSI TS 137571-2 V 10.7.0:2014-07
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 10.7.0 Release 10)
- ETSI TS 137571-3 V 10.6.0:2014-01
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 10.6.0 Release 10)
- ETSI TS 137571-3 V 10.7.0:2014-07
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 10.7.0 Release 10)
- ETSI TS 137571-4 V 10.4.0:2014-01
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 10.4.0 Release 10)
- ETSI TS 137571-4 V 10.5.0:2014-03
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 10.5.0 Release 10)
- ETSI TS 137571-4 V 10.6.0:2014-07
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 10.6.0 Release 10)
- ETSI TS 137571-5 V 10.6.0:2014-01
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 10.6.0 Release 10)
- ETSI TS 137571-5 V 10.7.0:2014-03
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 10.7.0 Release 10)
- ETSI TS 137571-5 V 10.8.0:2014-07
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 10.8.0 Release 10)
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Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) application layer data throughput performance (3GPP TR 37.901 version 11.11.0 Release 11)
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Universal Mobile Telecommunications System (UMTS) – LTE – Measurements of User Equipment (UE) radio performances for LTE/UMTS terminals – Total Radiated Power (TRP) and Total Radiated Sensitivity (TRS) test methodology (3GPP TR 37.902 version 11.1.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Technical Specifications and Technical Reports for a GERAN-based 3GPP system (3GPP TS 41.101 version 10.4.0 Release 10)
- ETSI TS 141101 V 11.1.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Technical Specifications and Technical Reports for a GERAN-based 3GPP system (3GPP TS 41.101 version 11.1.0 Release 11)
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Digital cellular telecommunications system (Phase 2+) – Security related network functions (3GPP TS 43.020 version 9.2.0 Release 9)
- ETSI TS 143020 V 10.2.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Security related network functions (3GPP TS 43.020 version 10.2.0 Release 10)
- ETSI TS 143020 V 11.2.0:2014-07
Digital cellular telecommunications system (Phase 2+) – Security related network functions (3GPP TS 43.020 version 11.2.0 Release 11)
- ETSI TS 143129 V 8.4.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Packet-switched handover for GERAN A/Gb mode – Stage 2 (3GPP TS 43.129 version 8.4.0 Release 8)
- ETSI TS 143129 V 9.3.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Packet-switched handover for GERAN A/Gb mode – Stage 2 (3GPP TS 43.129 version 9.3.0 Release 9)
- ETSI TS 143129 V 10.2.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Packet-switched handover for GERAN A/Gb mode – Stage 2 (3GPP TS 43.129 version 10.2.0 Release 10)
- ETSI TS 143129 V 11.1.0:2014-01
Digital cellular telecommunications system (Phase 2+) – Packet-switched handover for GERAN A/Gb mode – Stage 2 (3GPP TS 43.129 version 11.1.0 Release 11)
- ETSI TS 144018 V 11.7.0:2014-03
Digital cellular telecommunications system (Phase 2+) – Mobile radio interface layer 3 specification – Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 11.7.0 Release 11)

- ETSI TS 144031 V 7.14.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Location Services (LCS) –
Mobile Station (MS) – Serving Mobile
Location Centre (SM-LC) Radio Resource LCS
Protocol (RRLP) (3GPP TS 44.031 version 7.14.0
Release 7)
- ETSI TS 144031 V 8.7.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Location Services (LCS) –
Mobile Station (MS) – Serving Mobile
Location Centre (SM-LC) Radio Resource LCS
Protocol (RRLP) (3GPP TS 44.031 version 8.7.0
Release 8)
- ETSI TS 144031 V 9.3.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Location Services (LCS) –
Mobile Station (MS) – Serving Mobile
Location Centre (SM-LC) Radio Resource LCS
Protocol (RRLP) (3GPP TS 44.031 version 9.3.0
Release 9)
- ETSI TS 144031 V 10.1.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Location Services (LCS) –
Mobile Station (MS) – Serving Mobile
Location Centre (SM-LC) Radio Resource LCS
Protocol (RRLP) (3GPP TS 44.031 version 10.1.0
Release 10)
- ETSI TS 144031 V 11.1.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Location Services (LCS) –
Mobile Station (MS) – Serving Mobile
Location Centre (SM-LC) Radio Resource LCS
Protocol (RRLP) (3GPP TS 44.031 version 11.1.0
Release 11)
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Digital cellular telecommunications system
(Phase 2+) – General Packet Radio Service
(GPRS) – Mobile Station (MS) – Base Station
System (BSS) interface – Radio Link Control /
Medium Access Control (RLC/MAC) protocol (3GPP
TS 44.060 version 9.14.0 Release 9)
- ETSI TS 144060 V 10.13.0:2013-12
Digital cellular telecommunications system
(Phase 2+) – General Packet Radio Service
(GPRS) – Mobile Station (MS) – Base Station
System (BSS) interface – Radio Link Control /
Medium Access Control (RLC/MAC) protocol (3GPP
TS 44.060 version 10.13.0 Release 10)
- ETSI TS 144060 V 11.8.0:2014-03
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 11.8.0 Release 11)
- ETSI TS 145005 V 7.26.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Radio transmission and reception
(3GPP TS 45.005 version 7.26.0 Release 7)
- ETSI TS 145005 V 8.17.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Radio transmission and reception
(3GPP TS 45.005 version 8.17.0 Release 8)
- ETSI TS 145005 V 9.14.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Radio transmission and reception
(3GPP TS 45.005 version 9.14.0 Release 9)
- ETSI TS 145005 V 10.8.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Radio transmission and reception
(3GPP TS 45.005 version 10.8.0 Release 10)
- ETSI TS 145005 V 11.4.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Radio transmission and reception
(3GPP TS 45.005 version 11.4.0 Release 11)
- ETSI TS 145008 V 11.6.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Radio subsystem link control
(3GPP TS 45.008 version 11.6.0 Release 11)
- ETSI TS 146010 V 11.1.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Full rate speech – Transcoding
(3GPP TS 46.010 version 11.1.0 Release 11)
- ETSI TS 148008 V 10.8.0:2013-12
Digital cellular telecommunications system
(Phase 2+) – Mobile Switching Centre – Base
Station system (MSC-BSS) interface – Layer 3
specification (3GPP TS 48.008 version 10.8.0
Release 10)
- ETSI TS 148008 V 11.7.0:2013-12
Digital cellular telecommunications system
(Phase 2+) – Mobile Switching Centre – Base
Station system (MSC-BSS) interface – Layer 3
specification (3GPP TS 48.008 version 11.7.0
Release 11)
- ETSI TS 148018 V 8.11.0:2014-03
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 8.11.0
Release 8)
- ETSI TS 148018 V 9.10.0:2014-03
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 9.10.0 Release 9)
- ETSI TS 148018 V 10.10.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – General Packet Radio Service
(GPRS) – Base Station System (BSS) – Serving
GPRS Support Node (SGSN) – BSS GPRS protocol
(BSSGP) (3GPP TS 48.018 version 10.10.0
Release 10)
- ETSI TS 148018 V 11.6.0:2014-03
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 11.6.0
Release 11)
- ETSI TS 151010-1 V 11.3.0:2014-03
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 1: Conformance specification
(3GPP TS 51.010-1 version 11.3.0 Release 11)
- ETSI TS 151010-1 V 11.4.0:2014-04
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 1: Conformance specification
(3GPP TS 51.010-1 version 11.4.0 Release 11)
- ETSI TS 151010-1 V 11.5.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 1: Conformance specification
(3GPP TS 51.010-1 version 11.5.0 Release 11)
- ETSI TS 151010-2 V 11.3.0:2014-01
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 11.3.0
Release 11)

- ETSI TS 151010-2 V 11.4.0:2014-03
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 11.4.0
Release 11)
- ETSI TS 151010-2 V 11.5.0:2014-07
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 11.5.0
Release 11)
- ETSI TS 151010-4 V 4.27.0:2014-01
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 4.27.0
Release 4)
- ETSI TS 151010-4 V 4.28.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 4.28.0
Release 4)
- ETSI TS 151010-4 V 5.0.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 5.0.0
Release 5)
- ETSI TS 151010-4 V 6.0.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 6.0.0
Release 6)
- ETSI TS 151010-4 V 7.0.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 7.0.0
Release 7)
- ETSI TS 151010-4 V 8.0.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 8.0.0
Release 8)
- ETSI TS 151010-4 V 9.0.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 9.0.0
Release 9)
- ETSI TS 151010-4 V 10.0.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 10.0.0
Release 10)
- ETSI TS 151010-4 V 11.0.0:2014-07
Digital cellular telecommunications system
(Phase 2+) – Mobile Station (MS) conformance
specification – Part 4: Subscriber Identity
Module (SIM) application toolkit conformance test
specification (3GPP TS 51.010-4 version 11.0.0
Release 11)
- ETSI TS 151010-5 V 10.7.0:2014-01
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 10.7.0 Release 10)
- ETSI TS 151010-5 V 10.8.0:2014-03
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 10.8.0 Release 10)
- ETSI TS 151010-5 V 10.9.0:2014-07
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 10.9.0 Release 10)
- ETSI TS 151010-7 V 10.2.0:2014-03
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 10.2.0 Release 10)
- ETSI TS 151010-7 V 11.0.0:2014-03
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 11.0.0 Release 11)
- ETSI TS 151010-7 V 11.1.0:2014-07
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 11.1.0 Release 11)
- ETSI TS 151013 V 6.0.0:2014-07
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 6.0.0 Release 6)
- ETSI TS 151013 V 7.0.0:2014-07
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 7.0.0 Release 7)
- ETSI TS 151013 V 8.0.0:2014-07
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 8.0.0 Release 8)
- ETSI TS 151013 V 9.0.0:2014-07
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 9.0.0 Release 9)

ETSI TS 151013 V 10.0.0:2014-07
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 10.0.0 Release 10)

ETSI TS 151013 V 11.0.0:2014-07
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 11.0.0 Release 11)

ETSI TS 151013 V 12.0.0:2014-07
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 12.0.0 Release 12)

ETSI GS ORI 001 V 3.1.1:2014-03
Open Radio equipment Interface (ORI) –
Requirements for Open Radio equipment
Interface (ORI) (Release 3)

ETSI GS ORI 002-1 V 3.1.1:2014-03
Open Radio equipment Interface (ORI) – ORI
Interface Specification – Part 1: Low Layers
(Release 3)

ETSI GS ORI 002-2 V 1.3.1:2014-03
Open Radio equipment Interface (ORI) – ORI
Interface Specification – Part 2: Control and
Management (Release 1)

ETSI GS ORI 002-2 V 2.2.1:2014-03
Open Radio equipment Interface (ORI) – ORI
Interface Specification – Part 2: Control and
Management (Release 2)

33.070.99 Druge pokretne službe

Europska normizacija

ETSI

ETSI TR 103231 V 1.1.1:2014-02
White Space Devices (WSD) – Wireless Access
Systems operating in the 470 MHz to 790 MHz TV
broadcast band – Information on web listings of TV
White Space Databases (TVWSDBs)

ETSI TS 125327 V 9.1.0:2014-07
Universal Mobile Telecommunications System
(UMTS) – High Speed Packet Access (HSPA) –
Requirements on User Equipments (UEs) supporting
a release-independent frequency band and multi-
carrier configuration (3GPP TS 25.327 version 9.1.0
Release 9)

ETSI TS 125327 V 10.1.0:2014-07
Universal Mobile Telecommunications System
(UMTS) – High Speed Packet Access (HSPA) –
Requirements on User Equipments (UEs)
supporting a release-independent frequency band
and multi-carrier configuration (3GPP TS 25.327
version 10.1.0 Release 10)

ETSI TS 125327 V 11.1.0:2014-07
Universal Mobile Telecommunications System
(UMTS) – High Speed Packet Access (HSPA) –
Requirements on User Equipments (UEs)
supporting a release-independent frequency band
and multi-carrier configuration (3GPP TS 25.327
version 11.1.0 Release 11)

ETSI TS 136112 V 11.0.0:2014-07
LTE – Location Measurement Unit (LMU)
conformance specification – Network based
positioning systems in Evolved Universal Terrestrial
Radio Access Network (E-UTRAN) (3GPP TS
36.112 version 11.0.0 Release 11)

ETSI TR 136904 V 11.0.0 : 2014-07

LTE – Evolved Universal Terrestrial Radio Access
(E-UTRA) and Evolved Universal Terrestrial Radio
Access Network (E-UTRAN) – Derivation of test
tolerances for User Equipment (UE) radio reception
conformance tests (3GPP TR 36.904 version 11.0.0
Release 11)

33.100.01 Elektromagnetska kompatibilnost općenito

Međunarodna normizacija

IEC

IEC Guide 107:2014-07

Electromagnetic compatibility – Guide to the drafting
of electromagnetic compatibility publications

33.100.10 Zračenje

Europska normizacija

CENELEC

EN 50566/AC:2014-06

Product standard to demonstrate compliance of radio
frequency fields from handheld and body-mounted
wireless communication devices used by the general
public (30 MHz – 6 GHz)

ETSI

ETSI TS 102361-4 V 1.6.1:2014-06

Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Digital Mobile Radio (DMR) Systems –
Part 4: DMR trunking protocol

ETSI TR 102436 V 2.1.1:2014-06

Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Short Range Devices (SRD) intended
for operation in the bands 865 MHz to 868 MHz
and 915 MHz to 921 MHz – Guidelines for the
installation and commissioning of Radio Frequency
Identification (RFID) equipment at UHF

ETSI TS 102490 V 1.8.1:2014-06

Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Peer-to-Peer Digital Private Mobile
Radio using FDMA with a channel spacing of 6,25 kHz
with e.r.p. of up to 500 mW

ETSI TS 102658 V 2.4.1:2014-06

Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Digital Private Mobile Radio (dPMR)
using FDMA with a channel spacing of 6,25 kHz

ETSI TR 103083 V 1.1.1:2014-03

Electromagnetic compatibility and Radio spectrum
Matters (ERM) – System Reference document
(SRdoc) – Technical characteristics for pan European
harmonized communications equipment operating in
the 5,855 GHz to 5,925 GHz range intended for road
safety and traffic management, and for non-safety
related ITS applications

ETSI TR 103088 V 1.2.1:2014-01

Electromagnetic compatibility and Radio spectrum
Matters (ERM) – Using the EN 301489 series of EMC
standards

ETSI TR 103137 V 1.1.1:2014-01

Electromagnetic compatibility and Radio spectrum
Matters (ERM) – System Reference Document
(SRdoc) – Surveillance Radar equipment for helicopter
application operating in the 76 GHz to 79 GHz
frequency range

- ETSI TR 103148 V 1.1.1:2014-06
Electromagnetic compatibility and Radio spectrum Matters (ERM) – System Reference document (SRdoc) – Technical characteristics of Radio equipment to be used in the 76 GHz to 77 GHz band – Short-Range Radar to be fitted on fixed transport infrastructure
- ETSI TR 103181-2 V 1.1.1:2014-06
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) using Ultra Wide Band (UWB) – Transmission characteristics Part 2: UWB mitigation techniques
- ETSI TS 103236 V 1.1.1:2014-01
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Continuous Tone Controlled Signalling System (CTCSS) and Digitally Coded Squelch Signalling (DCSS) system
- ETSI TR 103263 V 1.1.1:2014-07
Electromagnetic compatibility and Radio spectrum Matters (ERM) – System Reference document (SRdoc) – Cognitive radio techniques for Satellite Communications operating in Ka band
- ETSI TR 103265 V 1.1.2:2014-03
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Definition of radio parameters
- ETSI ES 201468 V 1.4.1:2014-03
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Additional ElectroMagnetic Compatibility (EMC) requirements and resistibility requirements for telecommunications equipment for enhanced availability of service in specific applications

Međunarodna normizacija IEC

- IEC 61000-2-4 Corrigendum 1:2014-07
Electromagnetic compatibility (EMC) – Part 2-4: Environment; Compatibility levels in industrial plants for low-frequency conducted disturbances; Corrigendum 1

33.120.10 Suosni kabeli. Valovodi

Međunarodna normizacija IEC

- IEC 61196-1-111:2014-06
Coaxial communication cables – Part 1-111: Electrical test methods – Stability of phase test methods

33.120.20 Žice i simetrični kabeli

Europska normizacija CENELEC

- EN 50407-3:2014-05
Multi-pair cables used in high bit rate digital access telecommunication networks – Part 3: Indoor multi-pair/quad riser cables up to 100 MHz over 100 m supporting universal services, xDSL and applications up to 100 Mbits over IP

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Europska normizacija CENELEC

- EN 61966-12-2:2014-05
Multimedia systems and equipment – Colour measurement and management – Part 12-2: Simple Metadata format for identification of colour gamut (IEC 61966-12-2:2014)

Međunarodna normizacija IEC

- IEC 60065:2014-06
Audio, video and similar electronic apparatus – Safety requirements
- IEC 62379-5-1:2014-07
Common control interface for networked digital audio and video products – Part 5-1: Transmission over networks – General

33.160.30 Audiosustavi

Europska normizacija CENELEC

- EN 60958-1/A1:2014-07
Digital audio interface – Part 1: General (IEC 60958-1:2008/A1:2014)

33.160.50 Pribor

Međunarodna normizacija IEC

- IEC 60268-4:2014-06
Sound system equipment – Part 4: Microphones

33.170 Televizijski i radijski prijenos

Europska normizacija CENELEC

- EN 300468 V 1.14.1:2014-05
Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems

ETSI

- ETSI TS 100289 V 1.2.1:2014-03
Digital Video Broadcasting (DVB) – Support for use of the DVB Scrambling Algorithm version 3 within digital broadcasting systems
- ETSI TS 101162 V 1.7.1:2014-02
Digital Video Broadcasting (DVB) – Allocation of identifiers and codes for Digital Video Broadcasting (DVB) systems
- ETSI TR 101290 V 1.3.1:2014-07
Digital Video Broadcasting (DVB) – Measurement guidelines for DVB systems
- ETSI TS 101545-1 V 1.2.1:2014-04
Digital Video Broadcasting (DVB) – Second Generation DVB Interactive Satellite System (DVB-RCS2) – Part 1: Overview and System Level specification
- ETSI TS 101545-3 V 1.2.1:2014-04
Digital Video Broadcasting (DVB) – Second Generation DVB Interactive Satellite System (DVB-RCS2) – Part 3: Higher Layers Satellite Specification
- ETSI TR 101545-4 V 1.1.1:2014-04
Digital Video Broadcasting (DVB) – Second Generation DVB Interactive Satellite System (DVB-RCS2) – Part 4: Guidelines for Implementation and Use of EN 301 545-2
- ETSI TR 101545-5 V 1.1.1:2014-04
Digital Video Broadcasting (DVB) – Second Generation DVB Interactive Satellite System (DVB-RCS2) – Part 5: Guidelines for the Implementation and Use of TS 101 545-3
- ETSI TS 101756 V 1.6.1:2014-05
Digital Audio Broadcasting (DAB) – Registered Tables
- ETSI TS 102034 V 1.5.1:2014-05
Digital Video Broadcasting (DVB) – Transport of MPEG-2 TS Based DVB Services over IP Based Networks

- ETSI TS 102606-1 V 1.2.1:2014-07
Digital Video Broadcasting (DVB) – Generic Stream Encapsulation (GSE) – Part 1: Protocol
- ETSI TS 102606-2 V 1.1.1:2014-07
Digital Video Broadcasting (DVB) – Generic Stream Encapsulation (GSE) – Part 2: Logical Link Control (LLC)
- ETSI TS 102606-3 V 1.1.1:2014-07
Digital Video Broadcasting (DVB) – Generic Stream Encapsulation (GSE) – Part 3: Robust Header Compression (ROHC) for IP
- ETSI TS 102823 V 1.2.1:2014-01
Digital Video Broadcasting (DVB) – Specification for the carriage of synchronized auxiliary data in DVB transport streams
- ETSI TS 103129 V 1.1.2:2014-03
Digital Video Broadcasting (DVB) – Framing structure, channel coding and modulation of a carrier identification system (DVB-CID) for satellite transmission
- ETSI TS 103190 V 1.1.1:2014-04
Digital Audio Compression (AC-4) Standard
- ETSI TS 103205 V 1.1.1:2014-03
Digital Video Broadcasting (DVB) – Extensions to the CI Plus™ Specification
- ETSI ES 201980 V 4.1.1:2014-01
Digital Radio Mondiale (DRM) – System Specification

33.180.01 Svjetlovodni sustavi općenito

Europska normizacija CENELEC

- EN 61280-2-12:2014-07
Fibre optic communication subsystem test procedures – Part 2-12: Digital systems – Measuring eye diagrams and Q-factor using a software triggering technique for transmission signal quality assessment (IEC 61280-2-12:2014)

Međunarodna normizacija IEC

- IEC 61280-4-2:2014-06
Fibre-optic communication subsystem test procedures – Part 4-2: Installed cable plant – Single-mode attenuation and optical return loss measurement

33.180.10 Svjetlovodna vlakna i kabele

Međunarodna normizacija ISO

- ISO/IEC 14763-3:2014-06
Information technology – Implementation and operation of customer premises cabling – Part 3: Testing of optical fibre cabling

IEC

- IEC 60794-2-51:2014-06
Optical fibre cables – Part 2-51: Indoor cables – Detail specification for simplex and duplex cables for use in cords for controlled environment
- IEC/TR 62690:2014-06
Guide to hydrogen effects in optical fibre cables

33.180.20 Svjetlovodne vezne naprave

Europska normizacija CENELEC

- EN 61754-30:2014-05
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 30: Type CLIK connector series (IEC 61754-30:2014)
- EN 61753-1-3:2014-07
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 I (IEC 61753-1-3:2014)

Međunarodna normizacija IEC

- IEC 61300-2-43:2014-06
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-43: Tests – Screen testing of return loss of single mode PC optical fibre connectors
- IEC 61300-3-47:2014-07
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-47: Examinations and measurements – End face geometry of PC/APC spherically polished ferrules using interferometry

33.180.30 Optička pojačala

Europska normizacija CENELEC

- EN 62149-8:2014-06
Fibre optic active components and devices – Performance standards – Part 8: Seeded reflective semiconductor optical amplifier devices (IEC 62149-8:2014)
- EN 62149-9:2014-07
Fibre optic active components and devices – Performance standards – Part 9: Seeded reflective semiconductor optical amplifier transceivers (IEC 62149-9:2014)
- EN 62343-3-3:2014-07
Dynamic modules – Performance specification templates – Part 3-3: Wavelength selective switches (IEC 62343-3-3:2014)

Međunarodna normizacija IEC

- IEC/TR 62343-6-5:2014-06
Dynamic modules – Part 6-5: Design guide – Investigation of operating mechanical shock and vibration tests for dynamic modules
- IEC 62572-3:2014-06
Fibre optic active components and devices – Reliability standards – Part 3: Laser modules used for telecommunication
- IEC 62343-2:2014-07
Dynamic modules – Part 2: Reliability qualification

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija ETSI

- ETSI TR 101584 V 2.1.1:2013-12
Machine-to-Machine communications (M2M) – Study on Semantic support for M2M Data
- ETSI TS 102921 V 2.1.1:2013-12
Machine-to-Machine communications (M2M) – mla, dla and mld interfaces
- ETSI TR 102966 V 1.1.1:2014-02
Machine-to-Machine communications (M2M) – Interworking between the M2M Architecture and M2M Area Network technologies

Međunarodna normizacija IEC

- IEC 60870-6-503:2014-07
Telecontrol equipment and systems – Part 6-503: Telecontrol protocols compatible with ISO standards and ITU-T recommendations – TASE.2 Services and protocol
- IEC 60870-6-702:2014-07
Telecontrol equipment and systems – Part 6-702: Telecontrol protocols compatible with ISO standards and ITU-T recommendations – Functional profile for providing the TASE.2 application service in end systems
- IEC 60870-6-802: 014-07
Telecontrol equipment and systems – Part 6-802: Telecontrol protocols compatible with ISO standards and ITU-T recommendations – TASE.2 Object models

35.020 Informacijska tehnologija (IT) općenito

Europska normizacija ETSI

- ETSI TR 103229 V 1.1.1:2014-07
Environmental Engineering (EE) – Safety Extra Low Voltage (SELV) DC power supply network for ICT devices with energy storage and grid or renewable energy sources options

35.040 Skupovi znakova i kodiranje informacija

Europska normizacija ETSI

- ETSI TS 101053-2 V 2.3.1:2014-04
Security Algorithms Group of Experts (SAGE) – Rules for the management of the TETRA standard encryption algorithms – Part 2: TEA2
- ETSI TR 101582 V 1.1.1:2014-06
Methods for Testing and Specification (MTS) – Security Testing – Case Study Experiences
- ETSI ES 203119 V 1.1.1:2014-04
Methods for Testing and Specification (MTS) – The Test Description Language (TDL) – Specification of the Abstract Syntax and Associated Semantics

Međunarodna normizacija ISO

- ISO/IEC 23008-1:2014-06
Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 1: MPEG media transport (MMT)
- ISO/IEC 23009-2:2014-05
Information technology – Dynamic adaptive streaming over HTTP (DASH) – Part 2: Conformance and reference software
- ISO/IEC 14496-12 Technical Corrigendum 2:2014-07
Information technology – Coding of audio-visual objects – Part 12: ISO base media file format; Technical Corrigendum 2
- ISO/IEC 14496-15:2014-07
Information technology – Coding of audio-visual objects – Part 15: Carriage of network abstraction layer (NAL) unit structured video in ISO base media file format
- ISO/IEC 14496-28 Technical Corrigendum 2:2014-07
Information technology – Coding of audio-visual objects – Part 28: Composite font representation – Technical Corrigendum 2: Changes and clarifications of CFR element descriptions; Technical Corrigendum 2
- ISO/IEC 15444-12 Technical Corrigendum 2:2014-07
Information technology – JPEG 2000 image coding system – Part 12: ISO base media file format; Technical Corrigendum 2

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Međunarodna normizacija ISO

- ISO/IEC 1989:2014-06
Information technology – Programming languages, their environments and system software interfaces – Programming language COBOL

35.100.10 Fizikalni sloj

Međunarodna normizacija IEC

- IEC 61158-2:2014-07
Industrial communication networks – Fieldbus specifications – Part 2: Physical layer specification and service definition

35.100.20 Sloj veze između podataka

Međunarodna normizacija IEC

- IEC 61784-2:2014-07
Industrial communication networks – Profiles – Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3

35.100.70 Sloj primjene

Međunarodna normizacija ISO

- ISO/IEC 17811-1:2014-06
Information technology – Device control and management – Part 1: Architecture

35.110 Umrežavanje (IT)

Europska normizacija CENELEC

EN 302636-5-1 V 1.2.1:2014-08
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 5: Transport Protocols – Sub-part 1: Basic Transport Protocol

ETSI

ETSI TR 103282 V 1.1.1:2014-07
Network Technologies (NTECH) – ENUM/ENUM-like options for Number Portability and actual use cases

ETSI TS 187001 V 3.9.1:2014-07
Network Technologies (NTECH) – NGN Security (SEC) – Requirements

ETSI TS 187021 V 3.2.1:2014-04
Security services and mechanisms for customer premises networks connected to NGN

ETSI ES 283035 V 2.7.1:2014-07
Network Technologies (NTECH) – Network Attachment – e2 interface based on the DIAMETER protocol

ETSI GS INS 010 V 1.1.1:2014-03
Identity and access management for Networks and Services – Requirements of a global distributed discovery mechanism of identifiers, providers and capabilities

ETSI GS NFV-PER 001 V 1.1.1:2014-06
Network Functions Virtualisation (NFV) – NFV Performance & Portability Best Practises

Međunarodna normizacija ISO

ISO/IEC 29145-2:2014-03
Information Technology – Wireless Beacon-enabled Energy Efficient Mesh network (WiBEEM) for wireless home network services – Part 2: MAC Layer

ISO/IEC 29145-3:2014-03
Information technology – Wireless Beacon-enabled Energy Efficient Mesh network (WiBEEM) for wireless home network services – Part 3: NWK Layer

ISO/IEC 14763-3:2014-06
Information technology – Implementation and operation of customer premises cabling – Part 3: Testing of optical fibre cabling

ISO/IEC 15149-1:2014-07
Information technology – Telecommunications and information exchange between systems – Magnetic field area network (MFAN) – Part 1: Air interface

35.160 Mikroprocesorski sustavi

Međunarodna normizacija IEC

IEC 61158-2:2014-07
Industrial communication networks – Fieldbus specifications – Part 2: Physical layer specification and service definition

IEC 61784-2:2014-07
Industrial communication networks – Profiles – Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija ISO

ISO/IEC TR 13066-6:2014-07
Information technology – Interoperability with Assistive Technology (AT) – Part 6: Java accessibility application programming interface (API)

35.200 Sučelna i spojna oprema

Međunarodna normizacija ISO

ISO/IEC 29145-2:2014-03
Information Technology – Wireless Beacon-enabled Energy Efficient Mesh network (WiBEEM) for wireless home network services – Part 2: MAC Layer

ISO/IEC 29145-3:2014-03
Information technology – Wireless Beacon-enabled Energy Efficient Mesh network (WiBEEM) for wireless home network services – Part 3: NWK Layer

35.240.01 Primjene informatičke tehnike općenito

Europska normizacija ETSI

ETSI TR 118508 V 1.0.0:2014-07
Analysis of Security Solutions for the oneM2M System

35.240.15 Identifikacijske kartice i pripadajuće naprave

Europska normizacija ETSI

ETSI TS 102223 V 11.3.0:2014-06
Smart Cards – Card Application Toolkit (CAT) (Release 11)

ETSI TS 102223 V 12.0.0:2014-05
Smart Cards – Card Application Toolkit (CAT) (Release 12)

ETSI TS 102225 V 12.0.0:2014-06
Smart Cards – Secured packet structure for UICC based applications (Release 12)

ETSI TS 102230 V 10.1.1:2014-04
Smart Cards – UICC-Terminal interface – Physical, electrical and logical test specification (Release 10)

ETSI TS 103383 V 12.4.0:2014-04
Smart Cards – Embedded UICC – Requirements Specification (Release 12)

Međunarodna normizacija ISO

ISO/IEC 14443-3 AMD 6:2014-06
Identification cards – Contactless integrated circuit cards – Proximity cards – Part 3: Initialization and anticollision – Amendment 6: Bit rates of 3fc/4, fc, 3fc/2 and 2fc from PCD to PICC

ISO/IEC 24727-1:2014-06
Identification cards – Integrated circuit card programming interfaces – Part 1: Architecture

- ISO/IEC 11694-6:2014-07
Identification cards – Optical memory cards – Linear recording method – Part 6: Use of biometrics on an optical memory card
- ISO/IEC 17839-1:2014-07
Information technology – Biometric System-on-Card – Part 1: Core requirements
- ISO/IEC 19794-11 AMD 1:2014-07
Information technology – Biometric data interchange formats – Part 11: Signature/sign processed dynamic data – Amendment 1: Conformance test assertions
- ISO/IEC TR 29144:2014-07
Information technology – Biometrics – The use of biometric technology in commercial Identity Management applications and processes

35.240.20 Primjene IT-a u uredskom poslovanju

Međunarodna normizacija ISO

- ISO/IEC TR 30112:2014-06
Information technology – Specification methods for cultural conventions

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CEN

- EN 16425:2014-07
Simple Publishing Interface

Međunarodna normizacija ISO

- ISO 18626:2014-07
Information and documentation – Interlibrary Loan Transactions

35.240.50 Primjene IT-a u industriji

Europska normizacija CENELEC

- EN 61970-301:2014-07
Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2013)

Međunarodna normizacija IEC

- IEC 62714-1:2014-06
Engineering data exchange format for use in industrial automation systems engineering – Part 1: Architecture and general Requirements
- IEC 61784-2:2014-07
Industrial communication networks – Profiles – Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3
- IEC 62325-451-3:2014-07
Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija CEN

- EN 16656:2014-06
Information technology – Radio frequency identification for item management – RFID Emblem (ISO/IEC 29160:2012, modified)
- CEN/TR 16690 : 2014-07
Electronic fee collection – Guidelines for EFC applications based on in-vehicle ITS stations

CENELEC

- CLC/TR 50623:2014-06
Railway applications – Functional interface specification – Door system
- CLC/TR 50624:2014-06
Railway applications – Functional interface specification – Pantograph system
- EN 302636-6-1 V 1.2.1:2014-05
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 6: Internet Integration – Sub-part 1: Transmission of IPv6 Packets over GeoNetworking Protocols
- EN 302636-4-1 V 1.2.1:2014-07
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
- EN 302636-5-1 V 1.2.1:2014-08
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 5: Transport Protocols – Sub-part 1: Basic Transport Protocol

ETSI

- ETSI TR 101611 V 1.1.1:2014-06
Intelligent Transport Systems (ITS) – Testing – Conformance test specification for CALM Fast Services – FNTP/FSAP/IICP validation report
- ETSI TS 102760-1 V 1.2.1:2014-06
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for Access Technology Support (ISO 21218) – Part 1: Implementation Conformance Statement (ICS) proforma
- ETSI TS 102760-2 V 1.2.1:2014-06
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for Access Technology Support (ISO 21218) – Part 2: Test Suite Structure and Test Purposes (TSS & TP)
- ETSI TS 102760-3 V 1.1.1:2014-06
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for Access Technology Support (ISO 21218) – Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma
- ETSI TS 102797-1 V 1.2.1:2014-06
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for ITS station management (ISO 24102) – Part 1: Protocol Implementation Conformance Statement (PICS) specification
- ETSI TS 102797-2 V 1.2.1:2014-06
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for ITS station management (ISO 24102) – Part 2: Test Suite Structure and Test Purposes (TSS & TP)
- ETSI TS 102797-3 V 1.2.1:2014-06
Intelligent Transport Systems (ITS) – Communications Access for Land Mobiles (CALM) – Test specifications for ITS station management (ISO 24102) – Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma

ETSI TS 102859-1 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Transmission of
IP packets over GeoNetworking – Part 1: Test
requirements and Protocol Implementation
Conformance Statement (PICS) proforma

ETSI TS 102859-2 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Transmission of
IP packets over GeoNetworking – Part 2: Test Suite
Structure and Test Purposes (TSS & TP)

ETSI TS 102859-3 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Transmission of
IP packets over GeoNetworking – Part 3: Abstract
Test Suite (ATS) and Protocol Implementation eXtra
Information for Testing (PIXIT)

ETSI TS 102868-1 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Co-operative
Awareness Messages (CAM) – Part 1: Test
requirements and Protocol Implementation
Conformance Statement (PICS) proforma

ETSI TS 102868-2 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Co-operative
Awareness Messages (CAM) – Part 2: Test Suite
Structure and Test Purposes (TSS & TP)

ETSI TS 102868-3 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Co-operative
Awareness Messages (CAM) – Part 3: Abstract
Test Suite (ATS) and Protocol Implementation eXtra
Information for Testing (PIXIT)

ETSI TS 102869-1 V 1.3.1:2014-05
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Decentralized
Environmental Notification Messages (DENM) – Part 1:
Test requirements and Protocol Implementation
Conformance Statement (PICS) proforma

ETSI TS 102869-2 V 1.3.1:2014-05
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Decentralized
Environmental Notification Messages (DENM) – Part 2:
Test Suite Structure and Test Purposes (TSS & TP)

ETSI TS 102869-3 V 1.3.1:2014-05
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for Decentralized
Environmental Notification Messages (DENM) – Part 3:
Abstract Test Suite (ATS) and Protocol Implementation
eXtra Information for Testing (PIXIT)

ETSI TS 102871-1 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for GeoNetworking
ITS-G5 – Part 1: Test requirements and Protocol
Implementation Conformance Statement (PICS)
proforma

ETSI TS 102871-2 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for GeoNetworking
ITS-G5 – Part 2: Test Suite Structure and Test
Purposes (TSS & TP)

ETSI TS 102871-3 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Conformance test specifications for GeoNetworking
ITS-G5 – Part 3: Abstract Test Suite (ATS) and Protocol
Implementation eXtra Information for Testing (PIXIT)

ETSI TS 102985-1 V 1.2.1:2014-06
Intelligent Transport Systems (ITS) – Communications
Access for Land Mobiles (CALM) – Test specifications
for non-IP networking (ISO 29281) – Part 1: Protocol
Implementation Conformance Statement (PICS)
proforma

ETSI TS 102985-2 V 1.2.1:2014-06
Intelligent Transport Systems (ITS) – Communications
Access for Land Mobiles (CALM) – Test specifications
for non-IP networking (ISO 29281) – Part 2: Test Suite
Structure and Test Purposes (TSS & TP)

ETSI TS 102985-3 V 1.2.1:2014-06
Intelligent Transport Systems (ITS) – Communications
Access for Land Mobiles (CALM) – Test specifications
for non-IP networking (ISO 29281) – Part 3: Abstract
Test Suite (ATS) and partial PIXIT proforma

ETSI TR 103061-1 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing – Part 1:
Conformance test specifications for Co-operative
Awareness Messages (CAM) – CAM validation report

ETSI TR 103061-2 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing –
Part 2: Conformance test specifications for
Decentralized Environmental Notification basic
service Messages (DENM) – DENM validation report

ETSI TR 103061-3 V 1.2.1:2014-04
Intelligent Transport Systems (ITS) – Testing – Part 3:
Conformance test specifications for Geographical
addressing and forwarding for point-to-point and
point-to-multipoint communications – GeoNetworking
validation report

ETSI TR 103099 V 1.2.1:2014-05
Intelligent Transport Systems (ITS) – Architecture of
conformance validation framework

ETSI TR 103101 V 1.1.1:2014-06
Intelligent Transport Systems (ITS) – Test suite
validation – Access technology support ISO 21218

Medunarodna normizacija ISO

ISO 15638-6:2014-07
Intelligent transport systems – Framework for
collaborative Telematics Applications for Regulated
commercial freight Vehicles (TARV) – Part 6: Regulated
applications

ISO 15638-8:2014-07
Intelligent transport systems – Framework for
cooperative telematics applications for regulated
vehicles (TARV) – Part 8: Vehicle access management

ISO 15638-11:2014-07
Intelligent transport systems – Framework for
cooperative telematics applications for regulated
vehicles (TARV) – Part 11: Driver work records

ISO 15638-12:2014-07
Intelligent transport systems – Framework for
cooperative telematics applications for regulated
vehicles (TARV) – Part 12: Vehicle mass monitoring

ISO 15638-14:2014-07
Intelligent transport systems – Framework for
cooperative telematics applications for regulated
vehicles (TARV) – Part 14: Vehicle access control

ISO 15638-15:2014-07
Intelligent transport systems – Framework for
cooperative telematics applications for regulated
vehicles (TARV) – Part 15: Vehicle location monitoring

ISO 15638-16:2014-07
Intelligent transport systems – Framework for
cooperative telematics applications for regulated
vehicles (TARV) – Part 16: Vehicle speed monitoring

ISO 15638-17:2014-07
Intelligent transport systems – Framework for
cooperative telematics applications for regulated
vehicles (TARV) – Part 17: Consignment and
location monitoring

IEC

- IEC 62056-1-0:2014-06
Electricity metering data exchange – The
DLMS/COSEM suite – Part 1-0: Smart metering
standardisation framework
- IEC 62290-1:2014-07
Railway applications – Urban guided transport
management and command/control systems – Part 1:
System principles and fundamental concepts
- IEC 62290-2:2014-07
Railway applications – Urban guided transport
management and command/control systems – Part 2:
Functional requirements specification
- IEC 62325-451-3:2014-07
Framework for energy market communications –
Part 451-3: Transmission capacity allocation business
process (explicit or implicit auction) and contextual
models for European market

35.240.80 Primjene IT u tehnici zaštite zdravlja

Međunarodna normizacija IEC

- IEC/TR 80002-3:2014-06
Medical device software – Part 3: Process reference
model of medical device software life cycle processes
(IEC 62304)

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija CENELEC

- EN 16425:2014-07
Simple Publishing Interface

ETSI

- ETSI GS ISI 003 V 1.1.1:2014-05
Information Security Indicators (ISI) – Key Performance
Security Indicators (KPSI) for the evaluation of maturity
detection of security events
- ETSI GS ISI 003 V 1.1.2:2014-06
Information Security Indicators (ISI) – Key Performance
Security Indicators (KPSI) to evaluate the maturity of
security event detection
- ETSI GS ISI 004 V 1.1.1:2013-12
Information Security Indicators (ISI) – Guidelines for
event detection implementation

Međunarodna normizacija ISO

- ISO 11783-3:2014-05
Tractors and machinery for agriculture and forestry –
Serial control and communications data network –
Part 3: Data link layer
- ISO/IEC 29145-2:2014-03
Information Technology – Wireless Beacon-enabled
Energy Efficient Mesh network (WiBEEM) for wireless
home network services – Part 2: MAC Layer
- ISO/IEC 29145-3:2014-03
Information technology – Wireless Beacon-enabled
Energy Efficient Mesh network (WiBEEM) for wireless
home network services – Part 3: NWK Layer
- ISO 11783-6:2014-07
Tractors and machinery for agriculture and forestry –
Serial control and communications data network –
Part 6: Virtual terminal

ISO/IEC 20006-1:2014-07

Information technology for learning, education and
training – Information model for competency – Part 1:
Competency general framework and information model

37.020 Optička oprema

Međunarodna normizacija ISO

- ISO 17411:2014-06
Optics and photonics – Optical materials and
components – Test method for homogeneity of optical
glasses by laser interferometry

37.040.10 Fotografaska oprema. Projektori

Europska normizacija CENELEC

- EN 61966-12-2:2014-05
Multimedia systems and equipment – Colour
measurement and management – Part 12-2: Simple
Metadata format for identification of colour gamut
(IEC 61966-12-2:2014)

37.040.20 Fotografski papir, filmovi i kazete

Međunarodna normizacija ISO

- ISO 18944:2014-06
Imaging materials – Reflection colour photographic
prints – Test print construction and measurement

37.100.01 Grafička tehnologija općenito

Međunarodna normizacija ISO

- ISO 12647-4:2014-07
Graphic technology – Process control for the
production of half-tone colour separations, proof and
production prints – Part 4: Publication gravure printing

37.100.10 Oprema za umnožavanje

Međunarodna normizacija ISO

- ISO/IEC 17629:2014-06
Information technology – Office equipment – Method
for measuring first print out time for digital printing
devices
- ISO/IEC 24734:2014-07
Information technology – Office equipment – Method
for measuring digital printing productivity

43.020 Cestovna vozila općenito

Međunarodna normizacija ISO

- ISO 12219-5:2014-05
Interior air of road vehicles – Part 5: Screening method
for the determination of the emissions of volatile
organic compounds from vehicle interior parts and
materials – Static chamber method

43.040.10 Električna i elektronička oprema

Europska normizacija

CENELEC

EN 62196-1/AB

Stecker, Steckdosen, Fahrzeugkupplungen und Fahrzeugstecker – Konduktives Laden von Elektrofahrzeugen – Teil 1: Allgemeine Anforderungen

EN 62196-2/AB

Stecker, Steckdosen, Fahrzeugkupplungen und Fahrzeugstecker – Konduktives Laden von Elektrofahrzeugen – Teil 2: Anforderungen und Hauptmaße für die Kompatibilität und Austauschbarkeit von Stift- und Buchsensteckvorrichtungen für Wechselstrom

Međunarodna normizacija

ISO

ISO 19072-1:2014-06

Road vehicles – Connection interface for pyrotechnic devices, two-way and three-way connections – Part 1: Pocket interface definition

IEC

IEC 62196-1:2014-06

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements

IEC 62196-3:2014-06

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. pin and contact-tube vehicle couplers

43.040.30 Pokazni i upravljački uređaji

Međunarodna normizacija

ISO

ISO 2575 AMD 3:2014-07

Road vehicles – Symbols for controls, indicators and tell-tales; Amendment 3

43.040.65 Sustavi za ostakljivanje i brisanje stakla

Međunarodna normizacija

ISO

ISO 3468:2014-06

Passenger cars – Windscreen defrosting and demisting systems – Test method

43.060.40 Sustavi goriva

Međunarodna normizacija

ISO

ISO 12619-1:2014-06

Road vehicles – Compressed gaseous hydrogen (CGH2) and hydrogen/natural gas blend fuel system components – Part 1: General requirements and definitions

ISO 12619-2:2014-06

Road vehicles – Compressed gaseous hydrogen (CGH2) and hydrogen/natural gas blend fuel system components – Part 2: Performance and general test methods

ISO 12619-3:2014-06

Road vehicles – Compressed gaseous hydrogen (CGH2) and hydrogen/natural gas blend fuel system components – Part 3: Pressure regulator

ISO 16380:2014-06

Road vehicles – Blended fuels refuelling connector

ISO 12614-1:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 1: General requirements and definitions

ISO 12614-2:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 2: Performance and general test methods

ISO 12614-3:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 3: Check valve

ISO 12614-4:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 4: Manual valve

ISO 12614-5:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 5: Tank pressure gauge

ISO 12614-6:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 6: Pressure regulator

ISO 12614-7:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 7: Pressure relief valve

ISO 12614-8:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 8: Excess flow valve

ISO 12614-9:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 9: Gas-tight housing and ventilation hose

ISO 12614-10:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 10: Rigid fuel line in stainless steel

ISO 12614-11:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 11: Fittings

ISO 12614-12:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 12: Rigid fuel line in copper and its alloys

ISO 12614-13:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 13: Tank pressure control regulator

ISO 12614-14:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 14: Differential pressure fuel content gauge

ISO 12614-15:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 15: Capacitance fuel content gauge

ISO 12614-16:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 16: Heat exchanger – vaporizer

ISO 12614-17:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 17: Natural gas detector

ISO 12614-18:2014-07

Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 18: Gas temperature sensor

43.080.01 Poslovna vozila općenito

Međunarodna normizacija

ISO

ISO 16552:2014-07

Heavy commercial vehicles and buses – Stopping distance in straight-line braking with ABS – Open loop and closed loop test methods

43.120 Električna cestovna vozila

Europska normizacija

CENELEC

EN 61851-23:2014-05

Electric vehicle conductive charging system – Part 23: D.C electric vehicle charging station (IEC 61851-23:2014)

EN 62196-1/AB

Stecker, Steckdosen, Fahrzeugkupplungen und Fahrzeugstecker – Konduktives Laden von Elektrofahrzeugen – Teil 1: Allgemeine Anforderungen

EN 62196-2/AB

Stecker, Steckdosen, Fahrzeugkupplungen und Fahrzeugstecker – Konduktives Laden von Elektrofahrzeugen – Teil 2: Anforderungen und Hauptmaße für die Kompatibilität und Austauschbarkeit von Stift- und Buchsensteckvorrichtungen für Wechselstrom

Međunarodna normizacija

ISO

ISO 12405-3:2014-05

Electrically propelled road vehicles – Test specification for lithium-ion traction battery packs and systems – Part 3: Safety performance requirements

IEC

IEC 62196-1:2014-06

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements

IEC 62196-3:2014-06

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. pin and contact-tube vehicle couplers

43.150 Bicikli

Europska normizacija

CEN

EN ISO 4210-1:2014-07

Cycles – Safety requirements for bicycles – Part 1: Terms and definitions (ISO 4210-1:2014)

EN ISO 4210-2:2014-07

Cycles – Safety requirements for bicycles – Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles (ISO 4210-2:2014)

EN ISO 4210-3:2014-07

Cycles – Safety requirements for bicycles – Part 3: Common test methods (ISO 4210-3:2014)

EN ISO 4210-4:2014-07

Cycles – Safety requirements for bicycles – Part 4: Braking test methods (ISO 4210-4:2014)

EN ISO 4210-5:2014-07

Cycles – Safety requirements for bicycles – Part 5: Steering test methods (ISO 4210-5:2014)

EN ISO 4210-6:2014-07

Cycles – Safety requirements for bicycles – Part 6: Frame and fork test methods (ISO 4210-6:2014)

EN ISO 4210-7:2014-07

Cycles – Safety requirements for bicycles – Part 7: Wheels and rims test methods (ISO 4210-7:2014)

EN ISO 4210-8:2014-07

Cycles – Safety requirements for bicycles – Part 8: Pedal and drive system test methods (ISO 4210-8:2014)

EN ISO 4210-9:2014-07

Cycles – Safety requirements for bicycles – Part 9: Saddles and seat-post test methods (ISO 4210-9:2014)

EN ISO 8098:2014-06

Cycles – Safety requirements for bicycles for young children (ISO 8098:2014)

Međunarodna normizacija

ISO

ISO 8098:2014-06

Cycles – Safety requirements for bicycles for young children

ISO 4210-1:2014-07

Cycles – Safety requirements for bicycles – Part 1: Terms and definitions

ISO 4210-2:2014-07

Cycles – Safety requirements for bicycles – Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles

ISO 4210-3:2014-07

Cycles – Safety requirements for bicycles – Part 3: Common test methods

ISO 4210-4:2014-07

Cycles – Safety requirements for bicycles – Part 4: Braking test methods

ISO 4210-5:2014-07

Cycles – Safety requirements for bicycles – Part 5: Steering test methods

ISO 4210-6:2014-07

Cycles – Safety requirements for bicycles – Part 6: Frame and fork test methods

ISO 4210-7:2014-07

Cycles – Safety requirements for bicycles – Part 7: Wheels and rims test methods

ISO 4210-8:2014-07

Cycles – Safety requirements for bicycles – Part 8: Pedal and drive system test methods

ISO 4210-9:2014-07

Cycles – Safety requirements for bicycles – Part 9: Saddles and seat-post test methods

43.160 Vozila za posebne namjene

Europska normizacija

CEN

EN 16486:2014-07

Machines for compacting waste materials or recyclable fractions – Compactors – Safety requirements

45.060.01 Željeznička tračnička vozila općenito

Međunarodna normizacija IEC

IEC 61287-1:2014-07
Railway applications – Power converters installed on board rolling stock – Part 1: Characteristics and test methods

45.060.20 Vozila za tegljenje

Europska normizacija CENELEC

CLC/TR 50623 : 2014-06
Railway applications – Functional interface specification – Door system
EN 16334:2014-08
Railway applications – Passenger Alarm System – System requirements

47.020.10 Trupovi i njihovi sastavni elementi

Međunarodna normizacija ISO

ISO 12215-5 AMD 1:2014-07
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination; Amendment 1

47.020.70 Oprema za navigaciju i upravljanje

Međunarodna normizacija IEC

IEC 61162-3 AMD 2:2014-07
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 3: Serial data instrument network
IEC 61162-3 Edition 1.2:2014-07
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 3: Serial data instrument network
IEC 62288:2014-07
Maritime navigation and radiocommunication equipment and systems – Presentation of navigation-related information on shipborne navigational displays – General requirements, methods of testing and required test results

47.020.99 Ostale norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija ISO

ISO 17325-1:2014-06
Ships and marine technology – Marine environment protection – Oil booms – Part 1: Design requirements

47.040 Morska plovila

Međunarodna normizacija ISO

ISO 14885:2014-07
Large yachts – Diesel engines for main propulsion and essential auxiliaries – Safety requirements

47.080 Mali plovni objekti

Europska normizacija CEN

EN ISO 12215-5/A1:2014-07
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination – Amendment 1 (ISO 12215-5:2008/Amd 1:2014)

Međunarodna normizacija ISO

ISO 12215-5 AMD 1:2014-07
Small craft – Hull construction and scantlings – Part 5: Design pressures for monohulls, design stresses, scantlings determination; Amendment 1

49.025.05 Željezne slitine općenito

Europska normizacija CEN

EN 2032-001:2014-07
Aerospace series – Metallic materials – Part 001: Conventional designation

49.025.10 Čelici

Europska normizacija CEN

EN 2226:2014-07
Aerospace series – Steel X105CrMo17 (1.4125) – Hardened and tempered – Hand and die forgings – De ≤ 150 mm

49.025.15 Obojene slitine općenito

Europska normizacija CEN

EN 2032-001:2014-07
Aerospace series – Metallic materials – Part 001: Conventional designation

49.035 Sastavni dijelovi za zrakoplovne konstrukcije

Europska normizacija CEN

EN 4538-2:2014-07
Aerospace series – Bearings, spherical plain, in corrosion resisting steel with self-lubricating liner elevated load under low oscillations – Narrow series – Dimensions and loads – Part 2: Inch series

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija CENELEC

- EN 3774-004:2014-07
Aerospace series – Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A – Part 004: UNC thread terminals – Product standard
- EN 4008-018:2014-07
Aerospace series – Elements of electrical and optical connection – Crimping tool and associated accessories – Part 018: Positioner for crimping tool M22520/2-01 – Product standard
- EN 4056-002:2014-07
Aerospace series – Cable ties for harnesses – Part 002: Index of product standards
- EN 4056-006:2014-07
Aerospace series – Cable ties for harnesses – Part 006: Peek cable ties – For operating temperatures -55 °C to 240 °C – Product standard
- EN 4604-009:2014-07
Aerospace series – Cable, electrical, for signal transmission – Part 009: Cable, coaxial, light weight, 50 ohms, 180 °C, type KW (light WN) – Product standard
- EN 6059-504:2014-07
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 504: Temperature rise within a loom due to self-heating when protected by a sleeve

49.100 Zemaljska služba i oprema za održavanje

Europska normizacija CEN

- EN 12312-14:2014-06
Aircraft ground support equipment – Specific requirements – Part 14: Disabled/incapacitated passenger boarding vehicles

Međunarodna normizacija ISO

- ISO 11077:2014-06
Aircraft ground equipment – De-icers – Functional requirements

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

- ISO 10788:2014-05
Space systems – Lunar simulants
- ISO 17808:2014-07
Space data and information transfer systems – Telemetry (TM) channel coding profiles
- ISO 17809:2014-07
Space data and information transfer systems – Delta-differential one-way ranging (Delta-DOR) operations
- ISO 17810:2014-07
Space data and information transfer systems – Data transmission and pseudo-random noise (PN) ranging for 2 GHz code division multiple access (CDMA) link via data relay satellite
- ISO 19389:2014-07
Space data and information transfer systems – Conjunction data message

53.020.20 Dizalice

Europska normizacija CEN

- EN 13001-2:2014-08
Crane safety – General design – Part 2: Load actions
- EN 13001-3-2:2014-08
Cranes – General design – Part 3-2: Limit states and proof of competence of wire ropes in reeving systems

53.060 Industrijski prijevozni sustavi

Međunarodna normizacija ISO

- ISO 22915-3:2014-07
Industrial trucks – Verification of stability – Part 3: Reach and straddle trucks
- ISO 22915-5:2014-07
Industrial trucks – Verification of stability – Part 5: Single-side-loading trucks
- ISO 22915-16:2014-07
Industrial trucks – Verification of stability – Part 16: Pedestrian-propelled trucks

55.020 Ambalaža, pakiranje i distribucija robe općenito

Europska normizacija CEN

- EN ISO 17351:2014-07
Packaging – Braille on packaging for medicinal products (ISO 17351:2013)

55.100 Boce. Vrčevi. Lonci

Europska normizacija CEN

- EN 16291-2/AC:2014-08
Glass packaging – Screw finishes for pressure capsules – Part 2: One way glass MCA 2 finish

55.180.20 Palete opće namjene

Međunarodna normizacija ISO

- ISO 18333:2014-07
Pallets for materials handling – Quality of new wooden components for flat pallets

55.200 Strojevi za pakiranje

Europska normizacija CEN

- EN 415-1:2014-07
Safety of packaging machines – Part 1: Terminology and classification of packaging machines and associated equipment

59.060.10 Prirodna vlakna

Međunarodna normizacija ISO

- ISO 10306:2014-06
Textiles – Cotton fibres – Evaluation of maturity by the air flow method

59.080.01 Tekstili općenito

Europska normizacija CEN

- EN ISO 12945-3:2014-07
Textiles – Determination of the fabric propensity to surface pilling, fuzzing or matting – Part 3: Random tumble pilling method (ISO 12945-3:2014)
- EN ISO 105-B02:2014-08
Textiles – Tests for colour fastness – Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2014)

Međunarodna normizacija ISO

- ISO 13629-2:2014-06
Textiles – Determination of antifungal activity of textile products – Part 2: Plate count method
- ISO 16373-2:2014-06
Textiles – Dyestuffs – Part 2: General method for the determination of extractable dyestuffs including allergenic and carcinogenic dyestuffs (method using pyridine-water)
- ISO 16373-3:2014-06
Textiles – Dyestuffs – Part 3: Method for determination of certain carcinogenic dyestuffs (method using triethylamine/methanol)
- ISO 16533:2014-07
Textiles – Measurement of exothermic and endothermic properties of textiles under humidity change

59.080.30 Tekstilni proizvodi

Međunarodna normizacija ISO

- ISO 12945-3:2014-07
Textiles – Determination of the fabric propensity to surface pilling, fuzzing or matting – Part 3: Random tumble pilling method

59.080.60 Tekstilne podne obloge

Međunarodna normizacija ISO

- ISO 17984:2014-06
Machine-made textile floor coverings – Determination of dimensional changes after exposure to heat and/or water
- ISO 11856:2014-07
Textile floor coverings – Test methods for the determination of fibre bind using a Modified Martindale Machine

59.120.01 Tekstilni strojevi općenito

Europska normizacija CEN

- EN ISO 9902-1/A2:2014-07
Textile machinery – Noise test code – Part 1: Common requirements – Amendment 2
(ISO 9902-1:2001/Amd 2:2014)

Međunarodna normizacija ISO

- ISO 9902-1 AMD 2:2014-07
Textile machinery – Noise test code – Part 1: Common requirements; Amendment 2

59.120.10 Strojevi za pređenje, pletenje i tkanje

Europska normizacija CEN

- EN ISO 9902-2/A2:2014-06
Textile machinery – Noise test code – Part 2: Spinning preparatory and spinning machinery – Amendment 2
(ISO 9902-2:2001/Amd 2:2014)
- EN ISO 9902-4/A2:2014-06
Textile machinery – Noise test code – Part 4: Yarn processing, cordage and rope manufacturing machinery – Amendment 2
(ISO 9902-4:2001/Amd 2:2014)

Međunarodna normizacija ISO

- ISO 9902-2 AMD 2:2014-06
Textile machinery – Noise test code – Part 2: Spinning preparatory and spinning machinery; Amendment 2
- ISO 9902-4 AMD 2:2014-06
Textile machinery – Noise test code – Part 4: Yarn processing, cordage and rope manufacturing machinery; Amendment 2

59.120.30 Tkalački stanovi. Automatski tkalački stanovi

Europska normizacija CEN

- EN ISO 9902-5/A2:2014-06
Textile machinery – Noise test code – Part 5: Weaving and knitting preparatory machinery
(ISO 9902-5:2001/Amd 2:2014)
- EN ISO 9902-6/A2:2014-06
Textile machinery – Noise test code – Part 6: Fabric manufacturing machinery
(ISO 9902-6:2001/Amd 2:2014)

Međunarodna normizacija ISO

- ISO 9902-5 AMD 2:2014-06
Textile machinery – Noise test code – Part 5: Weaving and knitting preparatory machinery; Amendment 2
- ISO 9902-6 AMD 2:2014-06
Textile machinery – Noise test code – Part 6: Fabric manufacturing machinery; Amendment 2

59.120.40 Strojevi za pletenje

Europska normizacija

CEN

EN ISO 9902-5/A2:2014-06

Textile machinery – Noise test code – Part 5: Weaving and knitting preparatory machinery
(ISO 9902-5:2001/Amd 2:2014)

Međunarodna normizacija

ISO

ISO 9902-5 AMD 2:2014-06

Textile machinery – Noise test code – Part 5: Weaving and knitting preparatory machinery; Amendment 2

ISO 11676:2014-06

Textile machinery and accessories – Pattern disks and pattern chains for warp knitting machines – Vocabulary and symbols

ISO 12912:2014-08

Circular knitting machines – Vocabulary

59.120.50 Oprema za bojenje i dotjerivanje

Europska normizacija

CEN

EN ISO 9902-7/A2:2014-06

Textile machinery – Noise test code – Part 7: Dyeing and finishing machinery
(ISO 9902-7:2001/Amd 2:2014)

Međunarodna normizacija

ISO

ISO 9902-7 AMD 2:2014-06

Textile machinery – Noise test code – Part 7: Dyeing and finishing machinery; Amendment 2

59.120.99 Drugi tekstilni strojevi

Europska normizacija

CEN

EN ISO 9902-3/A2:2014-06

Textile machinery – Noise test code – Part 3: Nonwoven machinery – Amendment 2
(ISO 9902-3:2001/Amd 2:2014)

Međunarodna normizacija

ISO

ISO 9902-3 AMD 2:2014-06

Textile machinery – Noise test code – Part 3: Nonwoven machinery; Amendment 2

59.140.30 Koža i krzno

Europska normizacija

CEN

EN ISO 2588:2014-07

Leather – Sampling – Number of items for a gross sample (ISO 2588:2014)

Međunarodna normizacija

ISO

ISO 2588:2014-07

Leather – Sampling – Number of items for a gross sample

65.060.01 Poljoprivredni strojevi i oprema općenito

Međunarodna normizacija

ISO

ISO 11783-3:2014-05

Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 3: Data link layer

ISO 11783-6:2014-07

Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 6: Virtual terminal

65.060.10 Poljoprivredni traktori i priključna vozila

Međunarodna normizacija

ISO

ISO 730 AMD 1:2014-07

Agricultural wheeled tractors – Rear-mounted three-point linkage – Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4; Amendment 1

65.060.35 Oprema za navodnjavanje i isušivanje

Međunarodna normizacija

ISO

ISO 8779 AMD 1:2014-06

Plastics piping systems – Polyethylene (PE) pipes for irrigation – Specifications; Amendment 1

65.060.70 Oprema za vrtlarstvo

Europska normizacija

CENELEC

EN 50636-2-91:2014-06

Household and similar electrical appliances – Safety – Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers

EN 50636-2-92:2014-06

Household and similar electrical appliances – Safety – Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators

EN 50636-2-94:2014-06

Household and similar electrical appliances – Safety – Part 2-94: Particular requirements for scissors type grass shears

EN 50636-2-100:2014-06

Household and similar electrical appliances – Safety – Part 2-100: Particular requirements for handheld mains-operated garden blowers, vacuums and blower vacuums

67.050 Opće metode za ispitivanje i analizu prehrambenih proizvoda

Europska normizacija

CEN

CEN/TR 16699:2014-07

Foodstuffs – Determination of pesticide residues by GC-MS/MS – Tandem mass spectrometric parameters

67.200.10 Životinjske i biljne masti i ulja

Europska normizacija

CEN

EN ISO 5555/A1:2014-07

Animal and vegetable fats and oils – Sampling – Amendment 1: Flexitanks (ISO 5555:2001/A1:2014)

EN ISO 12228-1:2014-07

Determination of individual and total sterols contents – Gas chromatographic method – Part 1: Animal and vegetable fats and oils (ISO 12228-1:2014)

Međunarodna normizacija

ISO

ISO 12228-1:2014-07

Determination of individual and total sterols contents – Gas chromatographic method – Part 1: Animal and vegetable fats and oils

67.220.10 Mirodiije i začini

Europska normizacija

CEN

EN ISO 3493:2014-07

Vanilla – Vocabulary

Međunarodna normizacija

ISO

ISO 3493:2014-07

Vanilla – Vocabulary

67.240 Senzorske analize

Europska normizacija

CEN

EN ISO 8589/A1:2014-06

Sensory analysis – General guidance for the design of test rooms (ISO 8589:2007/Amd 1:2014)

Međunarodna normizacija

ISO

ISO 8589 AMD 1:2014-06

Sensory analysis – General guidance for the design of test rooms; Amendment 1

67.250 Gradiva i proizvodi u dodiru s hranom

Europska normizacija

CEN

EN 12873-1:2014-07

Influence of materials on water intended for human consumption – Influence due to migration – Part 1: Test method for factory-made products made from or incorporating organic or glassy (porcelain/vitreous enamel) materials

71.040.40 Kemijska analiza

Međunarodna normizacija

ISO

ISO 6145-2:2014-08

Gas analysis – Preparation of calibration gas mixtures using dynamic methods – Part 2: Piston pumps

71.100.10 Materijali za proizvodnju aluminija

Međunarodna normizacija

ISO

ISO 10143:2014-06

Carbonaceous materials for the production of aluminium – Calcined coke for electrodes – Determination of the electrical resistivity of granules

ISO 12986-1:2014-06

Carbonaceous materials used in the production of aluminium – Prebaked anodes and cathode blocks – Part 1: Determination of bending/shear strength by the three-point method

ISO 12986-2:2014-06

Carbonaceous materials used in the production of aluminium – Prebaked anodes and cathode blocks – Part 2: Determination of flexural strength by the four-point method

ISO 18515:2014-07

Carbonaceous materials for the production of aluminium – Cathode blocks and baked anodes – Determination of compressive strength

71.100.45 Rashladne tvari i antifrizi

Međunarodna normizacija

ISO

ISO 817:2014-05

Refrigerants – Designation and safety classification

71.100.60 Eterična ulja

Europska normizacija

CEN

EN ISO 3218:2014-08

Essential oils – Principles of nomenclature (ISO 3218:2014)

Međunarodna normizacija

ISO

ISO 9235 Technical Corrigendum 1:2014-05

Aromatic natural raw materials – Vocabulary; Technical Corrigendum 1

71.100.80 Kemikalije za pročišćivanje vode

Europska normizacija

CEN

EN 900:2014-07

Chemicals used for treatment of water intended for human consumption – Calcium hypochlorite

EN 1017:2014-07

Chemicals used for treatment of water intended for human consumption – Half-burnt dolomite

EN 12518:2014-07

Chemicals used for treatment of water intended for human consumption – High-calcium lime

73.100.01 Rudarska oprema općenito

Europska normizacija

CEN

EN 1127-2:2014-06

Explosive atmospheres – Explosion prevention and protection – Part 2: Basic concepts and methodology for mining

75.060 Prirodni plin

Europska normizacija

CEN

EN ISO 6974-5:2014-07

Natural gas – Determination of composition and associated uncertainty by gas chromatography – Part 5: Isothermal method for nitrogen, carbon dioxide, C1 to C5 hydrocarbons and C6+ hydrocarbons (ISO 6974-5:2014)

Međunarodna normizacija

ISO

ISO 14532:2014-06

Natural gas – Vocabulary

ISO 6974-5:2014-07

Natural gas – Determination of composition and associated uncertainty by gas chromatography – Part 5: Isothermal method for nitrogen, carbon dioxide, C1 to C5 hydrocarbons and C6+ hydrocarbons

ISO/TR 22302:2014-07

Natural gas – Calculation of methane number

75.160.10 Kruta goriva

Europska normizacija

CEN

EN ISO 16559:2014-07

Solid biofuels – Terminology, definitions and descriptions (ISO 16559:2014)

Međunarodna normizacija

ISO

ISO 16559:2014-07

Solid biofuels – Terminology, definitions and descriptions

75.160.20 Tekuća goriva

Međunarodna normizacija

ISO

ISO 5163:2014-06

Petroleum products – Determination of knock characteristics of motor and aviation fuels – Motor method

ISO 5164:2014-06

Petroleum products – Determination of knock characteristics of motor fuels – Research method

75.180.10 Oprema za iskorištavanje i vađenje

Europska normizacija

CEN

EN ISO 17824:2014-08

Petroleum and natural gas industries – Downhole equipment – Sand screens (ISO 17824:2009)

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Europska normizacija

CEN

EN ISO 6808:2014-07

Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids – Specification (ISO 6808:2014)

Međunarodna normizacija

ISO

ISO 6808:2014-07

Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids – Specification

ISO 27127:2014-07

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas – Specification

77.040.10 Mehaničko ispitivanje kovina

Europska normizacija

CEN

EN ISO 16808:2014-07

Metallic materials – Sheet and strip – Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems (ISO 16808:2014)

77.040.99 Druge metode za ispitivanje kovina

Međunarodna normizacija

ISO

ISO 17081:2014-06

Method of measurement of hydrogen permeation and determination of hydrogen uptake and transport in metals by an electrochemical technique

77.080.01 Crne kovine općenito

Međunarodna normizacija

ISO

ISO 13933:2014-07

Steel and iron – Determination of calcium and magnesium – Inductively coupled plasma atomic emission spectrometric method

77.080.10 Željezo

Europska normizacija

CEN

EN 16482:2014-06

Founding – Continuous cast iron bars

77.140.20 Čelici visoke kakvoće

Međunarodna normizacija ISO

- ISO 15510:2014-05
Stainless steels – Chemical composition
- ISO 16143-1:2014-05
Stainless steels for general purposes – Part 1: Corrosion-resistant flat products
- ISO 16143-2:2014-05
Stainless steels for general purposes – Part 2: Corrosion-resistant semi-finished products, bars, rods and sections
- ISO 16143-3:2014-05
Stainless steels for general purposes – Part 3: Wire

77.140.50 Proizvodi i poluproizvodi od plosnatog čelika

Međunarodna normizacija ISO

- ISO 4999:2014-07
Continuous hot-dip terne (lead alloy) coated cold-reduced carbon steel sheet of commercial, drawing and structural qualities

77.140.65 Čelična žica, čelična užad i lanci

Međunarodna normizacija ISO

- ISO 16143-3:2014-05
Stainless steels for general purposes – Part 3: Wire

77.150.30 Bakreni proizvodi

Europska normizacija CEN

- EN 12420:2014-06
Copper and copper alloys – Forgings

79.060.01 Ploče s drvenom osnovom općenito

Europska normizacija CEN

- EN 326-2+A1:2014-08
Wood-based panels – Sampling, cutting and inspection – Part 2: Initial type testing and factory production control

81.040.20 Građevno staklo

Europska normizacija CEN

- EN 15752-1:2014-08
Glass in building – Adhesive backed polymeric film – Part 1: Definitions and requirements

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

- ISO 17139:2014-06
Fine ceramics (advanced ceramics, advanced technical ceramics) – Thermophysical properties of ceramic composites – Determination of thermal expansion
- ISO 17140:2014-06
Fine ceramics (advanced ceramics, advanced technical ceramics) – Mechanical properties of ceramic composites at room temperature – Determination of fatigue properties at constant amplitude
- ISO 17142:2014-06
Fine ceramics (advanced ceramics, advanced technical ceramics) – Mechanical properties of ceramic composites at high temperature in air at atmospheric pressure – Determination of fatigue properties at constant amplitude
- ISO 17861:2014-06
Fine ceramics (advanced ceramics, advanced technical ceramics) – Measurement method of spectral transmittance of fine ceramics thin films under humid condition
- ISO 18061:2014-06
Fine Ceramics (Advanced Ceramics, Advanced Technical Ceramics) – Determination of antiviral activity of semiconducting photocatalytic materials – Test method using bacteriophage Q-beta

83.040.10 Lateks i sirova guma

Međunarodna normizacija ISO

- ISO 2000:2014-06
Rubber, raw natural – Guidelines for the specification of technically specified rubber (TSR)

83.060 Guma

Međunarodna normizacija ISO

- ISO 18766:2014-07
Rubber, vulcanized or thermoplastic – Low temperature testing – General introduction and guide

83.080.01 Plastika općenito

Europska normizacija CEN

- EN ISO 10350-1/A1:2014-06
Plastics – Acquisition and presentation of comparable single-point data – Part 1: Moulding materials (ISO 10350-1:2007/Amd 1:2014)
- EN ISO 11357-4:2014-06
Plastics – Differential scanning calorimetry (DSC) – Part 4: Determination of specific heat capacity (ISO 11357-4:2014)
- EN ISO 11403-1:2014-06
Plastics – Acquisition and presentation of comparable multipoint data – Part 1: Mechanical properties (ISO 11403-1:2014)
- EN ISO 11403-3:2014-06
Plastics – Acquisition and presentation of comparable multipoint data – Part 3: Environmental influences on properties (ISO 11403-3:2014)

- EN ISO 3167:2014-08
Plastics – Multipurpose test specimens (ISO 3167:2014)
- EN ISO 11358-1:2014-07
Plastics – Thermogravimetry (TG) of polymers – Part 1: General principles (ISO 11358-1:2014)
- CEN ISO/TR 22007-5:2014-07
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 5: Results of interlaboratory testing of poly(methyl methacrylate) samples (ISO/TR 22007-5:2011)

Međunarodna normizacija ISO

- ISO 10350-1 AMD 1:2014-06
Plastics – Acquisition and presentation of comparable single-point data – Part 1: Moulding materials; Amendment 1
- ISO 11357-4:2014-06
Plastics – Differential scanning calorimetry (DSC) – Part 4: Determination of specific heat capacity
- ISO 11358-2:2014-06
Plastics – Thermogravimetry (TG) of polymers – Part 2: Determination of activation energy
- ISO 11403-1:2014-06
Plastics – Acquisition and presentation of comparable multipoint data – Part 1: Mechanical properties
- ISO 11403-3:2014-06
Plastics – Acquisition and presentation of comparable multipoint data – Part 3: Environmental influences on properties
- ISO/TR 17801:2014-06
Plastics – Standard table for reference global solar spectral irradiance at sea level – Horizontal, relative air mass 1
- ISO 22007-6:2014-06
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 6: Comparative method for low thermal conductivities using a temperature-modulation technique
- ISO 11358-1:2014-07
Plastics – Thermogravimetry (TG) of polymers – Part 1: General principles

83.080.10 Termostatična gradiva

Europska normizacija CEN

- EN ISO 4895:2014-07
Plastics – Liquid epoxy resins – Determination of tendency to crystallize (ISO 4895:2014)

Međunarodna normizacija ISO

- ISO 4895:2014-07
Plastics – Liquid epoxy resins – Determination of tendency to crystallize

83.100 Porasta gradiva

Europska normizacija CEN

- EN ISO 844:2014-08
Rigid cellular plastics – Determination of compression properties (ISO 844:2014)
- EN ISO 3385:2014-07
Flexible cellular polymeric materials – Determination of fatigue by constant-load pounding (ISO 3385:2014)

Međunarodna normizacija ISO

- ISO 3385:2014-07
Flexible cellular polymeric materials – Determination of fatigue by constant-load pounding

83.140.01 Gumeni i plastični proizvodi općenito

Međunarodna normizacija ISO

- ISO 3302-1:2014-07
Rubber – Tolerances for products – Part 1: Dimensional tolerances

83.140.10 Filmovi i ploče

Europska normizacija CEN

- EN 15752-1:2014-08
Glass in building – Adhesive backed polymeric film – Part 1: Definitions and requirements

83.140.40 Sipke cijevi

Europska normizacija CEN

- EN ISO 6808:2014-07
Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids – Specification (ISO 6808:2014)
- EN ISO 3949:2014-07
Plastics hoses and hose assemblies – Textile-reinforced types for hydraulic applications – Specification (ISO 3949:2009)

Međunarodna normizacija ISO

- ISO 6808:2014-07
Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids – Specification

83.160.30 Gume za poljoprivredne i druge strojeve

Međunarodna normizacija ISO

- ISO 4250-1:2014-06
Reifen und Felgen für Erdbewegungsmaschinen – Teil 1: Reifenbezeichnung und -abmessungen
Earth-mover tyres and rims – Part 1: Tyre designation and dimensions
- ISO 4250-2:2014-06
Earth-mover tyres and rims – Part 2: Loads and inflation pressures

83.180 Adhezivi

Međunarodna normizacija ISO

- ISO 16525-9:2014-05
Adhesives – Test methods for isotropic electrically conductive adhesives – Part 9: Determination of high-speed signal-transmission characteristics

83.200 Oprema za industriju gume i plastike

Europska normizacija CEN

EN 289:2014-06

Plastics and rubber machines – Compression moulding machines and transfer moulding machines – Safety requirements

85.060 Papir i karton

Europska normizacija CEN

EN ISO 2759:2014-07

Board – Determination of bursting strength (ISO 2759:2014)

Međunarodna normizacija ISO

ISO 2759:2014-07

Board – Determination of bursting strength

ISO 5631-2:2014-07

Paper and board – Determination of colour by diffuse reflectance – Part 2: Outdoor daylight conditions (D65/10 degrees)

ISO 5631-3:2014-07

Paper and board – Determination of colour by diffuse reflectance – Part 3: Indoor illumination conditions (D50/2 degrees)

87.040 Boje i lakovi

Europska normizacija CEN

EN 16492:2014-06

Paints and varnishes – Evaluation of the surface disfigurement caused by fungi and algae on coatings

EN ISO 3233-2:2014-07

Paints and varnishes – Determination of the percentage volume of non-volatile matter – Part 2: Method using the determination of non-volatile-matter content in accordance with ISO 3251 and determination of dry film density on coated test panels by the Archimedes principle (ISO 3233-2:2014)

EN ISO 17463:2014-08

Paints and varnishes – Guidelines for the determination of anticorrosive properties of organic coatings by accelerated cyclic electrochemical technique (ISO 17463:2014)

Međunarodna normizacija ISO

ISO 3233-2:2014-07

Paints and varnishes – Determination of the percentage volume of non-volatile matter – Part 2: Method using the determination of non-volatile-matter content in accordance with ISO 3251 and determination of dry film density on coated test panels by the Archimedes principle

91.060.30 Stropovi. Podovi. Stubišta

Europska normizacija CEN

EN 16481:2014-06

Timber stairs – Structural design – Calculation methods

91.060.50 Vrata i prozori

Europska normizacija CEN

EN 15269-5:2014-06

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows

91.100.01 Građevna gradiva općenito

Europska normizacija CEN

CEN-CENELEC Guide 28:2014-06

Guidelines for the public access of Eurocodes and their National Annexes and Harmonized European Standards under the Construction Products Regulation

91.100.10 Cement. Gips. Vapno. Žbuka

Europska normizacija CEN

CEN/TR 16632:2014-06

Isothermal Conduction Calorimetry (ICC) for the determination of heat of hydration of cement: State of Art Report and Recommendations

91.100.23 Keramičke pločice

Europska normizacija CEN

EN ISO 10545-4:2014-07

Ceramic tiles – Part 4: Determination of modulus of rupture and breaking strength (ISO 10545-4:2014)

Međunarodna normizacija ISO

ISO 10545-4:2014-07

Ceramic tiles – Part 4: Determination of modulus of rupture and breaking strength

91.100.50 Veziva. Materijali za brtvljenje

Međunarodna normizacija ISO

ISO 11617:2014-07

Buildings and civil engineering works – Sealants – Determination of changes in cohesion and appearance of elastic weatherproofing sealants after exposure of statically cured specimens to artificial weathering and mechanical cycling

91.120.20 Akustika u zgradama. Zvučna izolacija

Europska normizacija CEN

EN ISO 16251-1:2014-08
Acoustics – Laboratory measurement of the reduction of transmitted impact noise by floor coverings on a small floor mock-up – Part 1: Heavyweight compact floor (ISO 16251-1:2014)

Međunarodna normizacija ISO

ISO 10140-1 AMD 2:2014-06
Acoustics – Laboratory measurement of sound insulation of building elements – Part 1: Application rules for specific products – Amendment 2: Rainfall sound
ISO 12999-1:2014-05
Acoustics – Determination and application of measurement uncertainties in building acoustics – Part 1: Sound insulation

91.140.10 Sustavi centralnoga grijanja

Europska normizacija CEN

EN 15502-2-2:2014-07
Gas-fired central heating boilers – Part 2-2: Specific standard for type B1 appliances

91.140.30 Sustavi prozračivanja i klimatizacije

Europska normizacija CEN

EN 13141-8:2014-06
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 8: Performance testing of un-ducted mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for a single room

91.140.40 Sustavi opskrbe plinom

Europska normizacija CEN

CEN/TR 1749:2014-06
European scheme for the classification of gas appliances according to the method of evacuation of the combustion products (types)

Međunarodna normizacija ISO

ISO 17484-1:2014-06
Plastics piping systems – Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) – Part 1: Specifications for systems

91.140.50 Sustavi opskrbe električnom energijom

Međunarodna normizacija IEC

IEC 62053-24:2014-06
Electricity metering equipment (a.c.) – Particular requirements – Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1)
IEC 62056-1-0:2014-06
Electricity metering data exchange – The DLMS/COSEM suite – Part 1-0: Smart metering standardisation framework

91.140.60 Sustavi opskrbe vodom

Međunarodna normizacija ISO

ISO 4064-1:2014-06
Water meters for cold potable water and hot water – Part 1: Metrological and technical requirements
ISO 4064-2:2014-06
Water meters for cold potable water and hot water – Part 2: Test methods
ISO 4064-3:2014-06
Water meters for cold potable water and hot water – Part 3: Test report format
ISO 4064-4:2014-06
Water meters for cold potable water and hot water – Part 4: Non-metrological requirements not covered in ISO 4064-1
ISO 4064-5:2014-06
Water meters for cold potable water and hot water – Part 5: Installation requirements

91.140.90 Dizala. Pokretne stube

Europska normizacija CENELEC

EN 81-20:2014-08
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 20: Passenger and goods passenger lifts
EN 81-50:2014-08
Safety rules for the construction and installation of lifts – Examinations and tests – Part 50: Design rules, calculations, examinations and tests of lift components

91.160.01 Rasvjeta općenito

Međunarodna normizacija ISO

ISO 10916:2014-06
Calculation of the impact of daylight utilization on the net and final energy demand for lighting

91.160.10 Unutrašnja rasvjeta

Međunarodna normizacija IEC

IEC 60598-2-22:2014-06
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting

93.080.20 Materijali za gradnju cesta

Europska normizacija

CEN

EN 12697-43:2014-06

Bituminous mixtures – Test methods for hot mix asphalt – Part 43: Resistance to fuel

93.080.30 Cestovna oprema i instalacije

Europska normizacija

CEN

EN 16272-3-2:2014-07

Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Test method for determining the acoustic performance – Part 3-2: Normalized railway noise spectrum and single number ratings for direct field applications

97.030 Kućanski električni uređaji općenito

Europska normizacija

CENELEC

EN 60335-1/AD

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 1: Allgemeine Anforderungen

Međunarodna normizacija

IEC

IEC 60299:2014-07

Household electric blankets – Methods for measuring performance

IEC 61255:2014-07

Household electric heating pads – Methods for measuring performance

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija

IEC

IEC 60705 AMD 1:2014-06

Household microwave ovens – Methods for measuring performance

IEC 60705 Edition 4.1:2014-06

Household microwave ovens – Methods for measuring performance

97.040.30 Kućanski rashladni uređaji

Međunarodna normizacija

IEC

IEC 60335-2-89 Interpretation Sheet 1:2014-07

Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor; Interpretation Sheet 1

97.080 Uređaji za čišćenje podova

Međunarodna normizacija

IEC

IEC 62929:2014-07

Cleaning robots for household use – Dry cleaning: Methods of measuring performance

97.120 Automatsko upravljanje za kućansku uporabu (ESHG)

Europska normizacija

CENELEC

EN 50491-1:2014-06

General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 1: General requirements

97.190 Oprema za djecu

Europska normizacija

CEN

EN ISO 8098:2014-06

Cycles – Safety requirements for bicycles for young children (ISO 8098:2014)

Međunarodna normizacija

ISO

ISO 8098:2014-06

Cycles – Safety requirements for bicycles for young children

97.220.10 Sportski objekti

Europska normizacija

CEN

EN 13451-5:2014-08

Swimming pool equipment – Part 5: Additional specific safety requirements and test methods for lane lines and dividing line

97.220.40 Oprema za sportove na otvorenom i sportove na vodi

Europska normizacija

CEN

EN 1809:2014-06

Diving equipment – Buoyancy compensators – Functional and safety requirements, test methods