

Hrvatski zavod za norme

Oglasnik za normativne dokumente

7/2017 srpanj, 2017.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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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)
- izradom izvorne hrvatske norme (izv).

Oznaka načina prihvaćanja navedena je uz referencijsku oznaku hrvatske norme. Hrvatske su norme zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 22, Cestovna vozila

HRN ISO 2575:2012/A5:2017 en pr
Cestovna vozila – Simboli za upravljačke naprave, indikatore i pokazne svjetiljke (ISO 2575:2010/Amd 5:2016)
Road vehicles – Symbols for controls, indicators and tell-tales (ISO 2575:2010/Amd 5:2016)

HRN ISO 3536:2017 en pr
Cestovna vozila – Materijali za sigurnosno ostakljenje i terminološki rječnik (ISO 3536:2016)
Road vehicles – Safety glazing materials – Vocabulary (ISO 3536:2016)

HRN ISO 6460-1:2012/A1:2017 en pr
Motocikli – Metoda mjerenja emisija ispušnih plinova i potrošnje goriva – 1. dio: Opći ispitni zahtjevi (ISO 6460-1:2007/Amd 1:2015)
Motorcycles – Measurement method for gaseous exhaust emissions and fuel consumption – Part 1: General test requirements (ISO 6460-1:2007/Amd 1:2015)

HRN ISO 6460-3:2012/A1:2017 en pr
Motocikli – Metoda mjerenja emisija ispušnih plinova i potrošnje goriva – 3. dio: Mjerenje potrošnje goriva pri konstantnoj brzini (ISO 6460-3:2007/Amd 1:2015)
Motorcycles – Measurement method for gaseous exhaust emissions and fuel consumption – Part 3: Fuel consumption measurement at a constant speed (ISO 6460-3:2007/Amd 1:2015)

HRN ISO 7637-3:2017 en pr
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprežanjem – 3. dio: Prijenos električnih tranzijenata kapacitivnim ili induktivnim sprežanjem vodovima koji nisu namijenjeni napajanju (ISO 7637-3:2016)
Road vehicles – Electrical disturbances from conduction and coupling – Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines (ISO 7637-3:2016)

HRN ISO 11452-3:2017 en pr
Cestovna vozila – Metode ispitivanja sastavnica na električne smetnje od uskopojasnoga zračenja elektromagnetske energije – 3. dio: Transverzalna elektromagnetska (TEM) komora (ISO 11452-3:2016)
Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 3: Transverse electromagnetic (TEM) cell (ISO 11452-3:2016)

HRN ISO 14230-2:2017 en pr
Cestovna vozila – Dijagnostička veza preko K-linije (DoK-Line) – 2. dio: Sloj podatkovne veze (ISO 14230-2:2016)
Road vehicles – Diagnostic communication over K-Line (DoK-Line) – Part 2: Data link layer (ISO 14230-2:2016)

HRN ISO 15082:2017 en pr
Cestovna vozila – Ispitivanja materijala za sigurnosno ostakljenje od krute plastike (ISO 15082:2016)
Road vehicles – Tests for rigid plastic safety glazing materials (ISO 15082:2016)

HRN ISO 15501-1:2017 en pr
Cestovna vozila – Sustavi za stlačeni prirodni plin (SPP) kao gorivo – 1. dio: Sigurnosni zahtjevi (ISO 15501-1:2016)
Road vehicles – Compressed natural gas (CNG) fuel systems – Part 1: Safety requirements (ISO 15501-1:2016)

HRN ISO 15501-2:2017 en pr
Cestovna vozila – Sustavi za stlačeni prirodni plin (SPP) kao gorivo – 2. dio: Metode ispitivanja (ISO 15501-2:2016)
Road vehicles – Compressed natural gas (CNG) fuel systems – Part 2: Test methods (ISO 15501-2:2016)

HRN ISO 16845-1:2017 en pr
Cestovna vozila – Postupak provjere usklađenosti regulatora mrežnog područja (CAN) – 1. dio: Sloj podatkovne mreže i fizička signalizacija (ISO 16845-1:2016)
Road vehicles – Controller area network (CAN) conformance test plan – Part 1: Data link layer and physical signalling (ISO 16845-1:2016)

HRN ISO 16845-2:2017 en pr
Cestovna vozila – Postupak provjere usklađenosti regulatora mrežnog područja (CAN) – 2. dio: Jedinica za pristup mediju velike brzine sa selektivnom funkcijom aktiviranja (ISO 16845-2:2014)
Road vehicles – Controller area network (CAN) conformance test plan – Part 2: High-speed medium access unit with selective wake-up functionality (ISO 16845-2:2014)

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

HRN EN ISO 4254-12:2013/A1:2017 en pr
Poljoprivredna mehanizacija – Sigurnost – 12. dio: Rotacijske kosilice s diskom, rotacijske kosilice s bubnjem i kosilice s roto-udaračima (ISO 4254-12:2012/Amd 1:2017; EN ISO 4254-12:2012/A1:2017)
Agricultural machinery – Safety – Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012/Amd 1:2017; EN ISO 4254-12:2012/A1:2017)

HRN ISO 11784:2006/A2:2017 en pr
Radiofrekvencijska identifikacija životinja – Struktura kodova – Amandman 2: Oznaka za napredni transponder (ISO 11784:1996/Amd 2:2010)
Radio frequency identification of animals – Code structure – Amendment 2: Indication of an advanced transponder (ISO 11784:1996/Amd 2:2010)

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 636:2017 en pr
Dodatni i potrošni materijali za zavarivanje – Šipke, žice i depoziti za TIG zavarivanje nelegiranih i sitnozrnatih čelika – Razredba (ISO 636:2017; EN ISO 636:2017)
Welding consumables – Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels – Classification (ISO 636:2017; EN ISO 636:2017)

HRN EN ISO 13479:2017 en pr
Dodatni i potrošni materijali za zavarivanje – Opća norma za proizvod za dodatne materijale i praškove za zavarivanje metalnih materijala taljenjem (EN 13479:2017)
Welding consumables – General product standard for filler metals and fluxes for fusion welding of metallic materials (EN 13479:2017)

HRN EN ISO 14555:2017 en pr
Zavarivanje – Elektrolučno zavarivanje svornjaka od metalnih materijala (ISO 14555:2017; EN ISO 14555:2017)
Welding – Arc stud welding of metallic materials (ISO 14555:2017; EN ISO 14555:2017)

HRN EN ISO 15614-1:2017 en pr
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 1. dio: Elektrolučno i plinsko zavarivanje čelika i elektrolučno zavarivanje nikla i legura nikla (ISO 15614-1:2017; EN ISO 15614-1:2017)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2017; EN ISO 15614-1:2017)

HZN/TO 69, *Primjena statističkih metoda*

HRN ISO 11843-5:2012/A1:2017 en pr
Sposobnost detekcije – 5. dio: Metodologija u slučajevima linearnih i nelinearnih kalibracija (ISO 11843-5:2008/Amd 1:2017)
Capability of detection – Part 5: Methodology in the linear and non-linear calibration cases (ISO 11843-5:2008/Amd 1:2017)

HZN/TO 92, *Zaštita od požara*

HRN EN 1364-5:2017 en pr
Ispitivanja otpornosti na požar nenosivih elemenata – 5. dio: Rešetke za prijenos zraka (EN 1364-5:2017)
Fire resistance tests for non-loadbearing elements – Part 5: Air transfer grilles (EN 1364-5:2017)

HZN/TO 108, *Mehaničke vibracije i udari*

HRN ISO 21940-2:2017 en pr
Mehaničke vibracije – Uravnoteživanje rotora – 2. dio: Terminološki rječnik (ISO 21940-2:2017)
Mechanical vibration – Rotor balancing – Part 2: Vocabulary (ISO 21940-2:2017)

HZN/TO 136, *Namještaj*

HRN EN 716-1:2017 en pr
Namještaj – Dječji kreveti i prijenosni dječji kreveti za kućnu uporabu – 1. dio: Sigurnosni zahtjevi (EN 716-1:2017)
Furniture – Children's cots and folding cots for domestic use – Part 1: Safety requirements (EN 716-1:2017)

HRN EN 716-2:2017 en pr
Namještaj – Dječji kreveti i prijenosni dječji kreveti za kućnu uporabu – 2. dio: Metode ispitivanja (EN 716-2:2017)
Furniture – Children's cots and folding cots for domestic use – Part 2: Test methods (EN 716-2:2017)

HZN/TO 146, *Kvaliteta zraka*

HRN EN 16897:2017 en pr
Profesionalna izloženost – Karakterizacija ultrafinih aerosola/nanoaerosola – Određivanje brojčane koncentracije upotrebom brojača kondenziranih čestica (EN 16897:2017)
Workplace exposure – Characterization of ultrafine aerosols/nanoaerosols – Determination of number concentration using condensation particle counters (EN 16897:2017)

HZN/TO 147, *Kvaliteta vode*

HRN EN ISO 9697:2017 en pr
Kvaliteta vode – Mjerenje ukupne beta aktivnosti u slatkoj vodi – Metoda debelog izvora (ISO 9697:2015; EN ISO 9697:2017)
Water quality – Gross beta activity in non-saline water – Test method using thick source (ISO 9697:2015; EN ISO 9697:2017)

HRN EN ISO 11731:2017 en pr
Kvaliteta vode – Brojenje Legionella (ISO 11731:2017; EN ISO 11731:2017)
Water quality – Enumeration of Legionella (ISO 11731:2017; EN ISO 11731:2017)

HRN EN ISO 13843:2017 en pr
Kvaliteta vode – Zahtjevi za utvrđivanje izvedbenih značajka kvantitativnih mikrobioloških metoda (ISO 13843:2017; EN ISO 13843:2017)
Water quality – Requirements for establishing performance characteristics of quantitative microbiological methods (ISO 13843:2017; EN ISO 13843:2017)

HZN/TO 163, *Toplinska izolacija*

HRN EN 16382:2017 en pr
Toplinsko izolacijski proizvodi za primjenu u zgradarstvu – Određivanje otpornosti na izvlačenje pločastih sidara kroz proizvode za toplinsku izolaciju (EN 16382:2016)
Thermal insulation products for building applications – Determination of the pull-through resistance of plate anchors through thermal insulation products (EN 16382:2016)

HRN EN 16383:2017 en pr
Toplinsko-izolacijski proizvodi za primjenu u zgradarstvu – Određivanje ponašanja s obzirom na toplinu i vlagu kompozitnih sustava vanjske toplinske izolacije sa žbukama (ETICS) (EN 16383:2016)
Thermal insulating products for building applications – Determination of the hygrothermal behaviour of external thermal insulation composite systems with renders (ETICS) (EN 16383:2016)

HZN/TO 179, *Zidane konstrukcije*

HRN EN 15824:2017 en pr
Specifikacije za vanjske i unutarnje žbuke na osnovi organskih veziva (EN 15824:2017)
Specifications for external renders and internal plasters based on organic binders (EN 15824:2017)

HZN/TO 211, *Geoinformacije/Geomatika*

HRN ISO 19103:2017 en pr
Geoinformacije – Jezik konceptualne sheme (ISO 19103:2015)
Geographic information – Conceptual schema language (ISO 19103:2015)

HZN/TO 217, *Kozmetika*

HRN EN ISO 16212:2017 en pr
Kozmetika – Mikrobiologija – Određivanje broja kvasaca i plijesni (ISO 16212:2017; EN ISO 16212:2017)
Cosmetics – Microbiology – Enumeration of yeast and mould (ISO 16212:2017; EN ISO 16212:2017)

HRN EN ISO 18415:2017 en pr
Kozmetika – Mikrobiologija – Dokazivanje specifičnih i nespecifičnih mikroorganizama (ISO 18415:2017; EN ISO 18415:2017)
Cosmetics – Microbiology – Detection of specified and non-specified microorganisms (ISO 18415:2017; EN ISO 18415:2017)

HRN EN ISO 21148:2017 en pr
Kozmetika – Mikrobiologija – Opće upute za mikrobiološka ispitivanja (ISO 21148:2017; EN ISO 21148:2017)
Cosmetics – Microbiology – General instructions for microbiological examination (ISO 21148:2017; EN ISO 21148:2017)

HRN EN ISO 21149:2017 en pr
Kozmetika – Mikrobiologija – Određivanje broja i dokazivanje aerobnih mezofilnih bakterija (ISO 21149:2017; EN ISO 21149:2017)
Cosmetics – Microbiology – Enumeration and detection of aerobic mesophilic bacteria (ISO 21149:2017; EN ISO 21149:2017)

HZN/TO 218, *Drvo*

HRN EN 14915:2017 en pr
Zidne i stropne obloge od cjelovitoga drva – Značajke, zahtjevi i označavanje (EN 14915:2013+A1:2017)
Solid wood panelling and cladding – Characteristics, requirements and marking (EN 14915:2013+A1:2017)

HZN/TO 219, *Podne obloge*

HRN EN ISO 9405:2017 en pr
Tekstilne podne obloge – Ocjena promjene izgleda (ISO 9405:2015; EN ISO 9405:2017)
Textile floor coverings – Assessment of changes in appearance (ISO 9405:2015; EN ISO 9405:2017)

HZN/TO 503, *Metalni materijali*

HRN EN ISO 16120-1:2017 en pr
Valjana žica od nelegiranog čelika za vučenje u žicu – 1. dio: Opći zahtjevi (ISO 16120-1:2017; EN ISO 16120-1:2017)
Non-alloy steel wire rod for conversion to wire – Part 1: General requirements (ISO 16120-1:2017; EN ISO 16120-1:2017)

HRN EN ISO 16120-4:2017 en pr
Valjana žica od nelegiranog čelika za vučenje u žicu – 4. dio: Posebni zahtjevi za valjanu žicu za posebnu primjenu (ISO 16120-4:2017; EN ISO 16120-4:2017)
Non-alloy steel wire rod for conversion to wire – Part 4: Specific requirements for wire rod for special applications (ISO 16120-4:2017; EN ISO 16120-4:2017)

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

HRN EN ISO 15257:2017 en pr
Katodna zaštita – Razine osposobljenosti osoba koje se bave katodnom zaštitom – Osnova za certifikacijsku shemu (ISO 15257:2017; EN ISO 15257:2017)
Cathodic protection – Competence levels of cathodic protection persons – Basis for certification scheme (ISO 15257:2017; EN ISO 15257:2017)

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

HRN EN ISO 16664:2017 en pr
Analiza plina – Postupanje s plinovima i plinskim smjesama za umjeravanje – Upute (ISO 16664:2017; EN ISO 16664:2017)
Gas analysis – Handling of calibration gases and gas mixtures – Guidelines (ISO 16664:2017; EN ISO 16664:2017)

HZN/TO 524, *Inteligentni transportni sustavi*

HRN EN ISO 12813:2016/A1:2017 en pr
Elektronička naplata – Komunikacija provjere sukladnosti za autonomne sustave (ISO 12813:2015/Amd 1:2017; EN ISO 12813:2015/A1:2017)
Electronic fee collection – Compliance check communication for autonomous systems (ISO 12813:2015/Amd 1:2017; EN ISO 12813:2015/A1:2017)

HRN EN ISO 13141:2016/A1:2017 en pr
Elektronička naplata – Komunikacija pojačane lokalizacije za autonomne sustave (ISO 13141:2015/Amd 1:2017; EN ISO 13141:2015/A1:2017)
Electronic fee collection – Localisation augmentation communication for autonomous systems (ISO 13141:2015/Amd 1:2017; EN ISO 13141:2015/A1:2017)

HZN/TO 528, *Oprema za željeznice*

HRN EN 16587:2017 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Zahtjevi za infrastrukturu koja uključuje puteve bez prepreka (EN 16587:2017)
Railway applications – Design for PRM Use – Requirements on obstacle free routes for infrastructure (EN 16587:2017)

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

HRN ISO 606:2017 en pr
Kratkočlani pogonski precizni valjčasti i tuljčasti lanci, nosive spojnice i pripadajući lančanici (ISO 606:2015)
Short-pitch transmission precision roller and bush chains, attachments and associated chain sprockets (ISO 606:2015)

HRN ISO 4347:2017 en pr
Pločasti lanci, priključnici i glatki lančanici – Dimenzije, mjerne sile i prekidna čvrstoća (ISO 4347:2015)
Leaf chains, clevises and sheaves – Dimensions, measuring forces, tensile strengths and dynamic strengths (ISO 4347:2015)

HRN ISO 15654:2017 en pr
Metoda ispitivanja dinamičke izdržljivosti pogonskih preciznih valjčastih lanaca (ISO 15654:2015)
Fatigue test method for transmission precision roller chains and leaf chains (ISO 15654:2015)

HZN/TO 531, *Plastika i guma*

HRN EN ISO 294-1:2017 en pr
Plastika – Injekcijsko prešani ispitni plastomernih materijala – 1. dio: Opća načela i prešanje višenamjenskih ispitaka i štapića (ISO 294-1:2017; EN ISO 294-1:2017)
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 1: General principles, and moulding of multipurpose and bar test specimens (ISO 294-1:2017; EN ISO 294-1:2017)

HRN EN ISO 5659-2:2017 en pr
Plastika – Stvaranje dima – 2. dio: Određivanje optičke gustoće jednokomornim ispitivanjem (ISO 5659-2:2017; EN ISO 5659-2:2017)
Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test (ISO 5659-2:2017; EN ISO 5659-2:2017)

HRN EN ISO 6806:2017 en pr
Gumena crijeva i crijevni uređaji za upotrebu u naftnim plamenicima – Specifikacija (ISO 6806:2017; EN ISO 6806:2017)
Rubber hoses and hose assemblies for use in oil burners – Specification (ISO 6806:2017; EN ISO 6806:2017)

HRN EN ISO 20568-1:2017 en pr
Plastika – Fluoropolimerne disperzije i materijali za injekcijsko prešanje i ekstrudiranje – 1. dio: Sustav označavanja i osnove za specifikacije (ISO 20568-1:2017; EN ISO 20568-1:2017)
Plastics – Fluoropolymer dispersions and moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 20568-1:2017; EN ISO 20568-1:2017)

HRN EN ISO 20568-2:2017 en pr
Plastika – Fluoropolimerne disperzije i materijali za injekcijsko prešanje i ekstrudiranje – 2. dio: Priprema ispitnih uzoraka i određivanje svojstava (ISO 20568-2:2017; EN ISO 20568-2:2017)
Plastics – Fluoropolymer dispersions and moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 20568-2:2017; EN ISO 20568-2:2017)

HZN/TO 533, *Kolničke konstrukcije*

HRN EN 12697-18:2017 en pr
Bitumenske mješavine – Metode ispitivanja – 18. dio: Ocjeđivanje veziva (EN 12697-18:2017)
Bituminous mixtures – Test methods – Part 18: Binder drainage (EN 12697-18:2017)

HRN EN 12697-27:2017 en pr
Bitumenske mješavine – Metode ispitivanja – 27. dio: Uzorkovanje (EN 12697-27:2017)
Bituminous mixtures – Test methods – Part 27: Sampling (EN 12697-27:2017)

HRN EN 14187-1:2017 en pr
Hladne brtvene mase – Metode ispitivanja – 1. dio: Određivanje brzine otvrdnjavanja (EN 14187-1:2017)
Cold applied joint sealants – Test methods – Part 1: Determination of rate of cure (EN 14187-1:2017)

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

HRN EN 13141-3:2017 en pr
Ventilacija u zgradama – Ispitivanje značajka dijelova/proizvoda za ventilaciju stambenih zgrada – 3. dio: Otsisne nape bez ventilatora za stanove (EN 13141-3:2017)
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 3: Range hoods for residential use without fan (EN 13141-3:2017)

HRI CEN/TR 16798-6:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 6. dio: Tumačenje zahtjeva u normama EN 16798-5-1 i EN 16798-5-2 – Metoda proračuna energijskih zahtjeva za sustave ventilacije i klimatizacije (Moduli M5-6, M5-8, M6-5, M6-8, M7-5, M7-8) (CEN/TR 16798-6:2017)
Energy performance of buildings – Ventilation for buildings – Part 6: Interpretation of the requirements in EN 16798-5-1 and EN 16798-5-2 – Calculation methods for energy requirements of ventilation and air conditioning systems (Modules M5-6, M5-8, M6-5, M6-8, M7-5, M7-8) (CEN/TR 16798-6:2017)

HRN EN 16798-7:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 7. dio: Metoda proračuna za određivanje protoka zraka u zgradama uključujući infiltraciju (Moduli M5-5) (EN 16798-7:2017)
Energy performance of buildings – Ventilation for buildings – Part 7: Calculation methods for the determination of air flow rates in buildings including infiltration (Modules M5-5) (EN 16798-7:2017)

HRI CEN/TR 16798-8:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 8. dio: Tumačenje zahtjeva u normi EN 16798-7 – Metoda proračuna za određivanje protoka zraka u zgradama uključujući infiltraciju – (Modul M5-5) (CEN/TR 16798-8:2017)
Energy performance of buildings – Ventilation for buildings – Part 8: Interpretation of the requirements in EN 16798-7 – Calculation methods for the determination of air flow rates in buildings including infiltration – (Module M5-5) (CEN/TR 16798-8:2017)

HRN EN 16798-9:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 9. dio: Metode proračuna energijskih zahtjeva za sustave hlađenja (Moduli M4-1, M4-4, M4-9) – Općenito (EN 16798-9:2017)
Energy performance of buildings – Ventilation for buildings – Part 9: Calculation methods for energy requirements of cooling systems (Modules M4-1, M4-4, M4-9) – General (EN 16798-9:2017)

HRI CEN/TR 16798-10:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 10. dio: Tumačenje zahtjeva u normi EN 16798-9 – Metode proračuna energijskih zahtjeva sustava hlađenja (Moduli M4-1, M4-4, M4-9) – Općenito (CEN/TR 16798-10:2017)
Energy performance of buildings – Ventilation for buildings – Part 10: Interpretation of the requirements in EN 16798-9 – Calculation methods for energy requirements of cooling systems (Module M4-1, M4-4, M4-9) – General (CEN/TR 16798-10:2017)

HRN EN 16798-13:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 13. dio: Proračun sustava hlađenja (Modul M4-8) – Proizvodnja (EN 16798-13:2017)
Energy performance of buildings – Ventilation for buildings – Part 13: Calculation of cooling systems (Module M4-8) – Generation (EN 16798-13:2017)

HRI CEN/TR 16798-14:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 14. dio: Tumačenje zahtjeva u normi EN 16798-13 – Proračun sustava hlađenja (Modul M4-8) – Proizvodnja (CEN/TR 16798-14:2017)
Energy performance of buildings – Ventilation for buildings – Part 14: Interpretation of the requirements in EN 16798-13 – Calculation of cooling systems (Module M4-8) – Generation (CEN/TR 16798-14:2017)

HRN EN 16798-15:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 15. dio: Proračun sustava hlađenja (Modul M4-7) – Akumulacija (EN 16798-15:2017)
Energy performance of buildings – Ventilation for buildings – Part 15: Calculation of cooling systems (Module M4-7) – Storage (EN 16798-15:2017)

HRI CEN/TR 16798-16:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 16. dio: Tumačenje zahtjeva u normi EN 16798-15 – Proračun sustava hlađenja (Modul M4-7) – Akumulacija (CEN/TR 16798-16:2017)
Energy performance of buildings – Ventilation for buildings – Part 16: Interpretation of the requirements in EN 16798-15 – Calculation of cooling systems (Module M4-7) – Storage (CEN/TR 16798-16:2017)

HRN EN 16798-17:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 17. dio: Smjernice za pregled sustava ventilacije i klimatizacije (Moduli M4-11, M5-11, M6-11, M7-11) (EN 16798-17:2017)
Energy performance of buildings – Ventilation for buildings – Part 17: Guidelines for inspection of ventilation and air conditioning systems (Module M4-11, M5-11, M6-11, M7-11) (EN 16798-17:2017)

HRI CEN/TR 16798-18:2017 en pr
Energijska svojstva zgrada – Ventilacija u zgradama – 18. dio: Tumačenje zahtjeva u normi EN 16798-17 – Smjernice za pregled sustava ventilacije i klimatizacije (Moduli M4-11, M5-11, M6-11, M7-11) (CEN/TR 16798-18:2017)
Energy performance of buildings – Ventilation for buildings – Part 18: Interpretation of the requirements in EN 16798-17 – Guidelines for inspection of ventilation and air-conditioning systems (Modules M4-11, M5-11, M6-11, M7-11) (CEN/TR 16798-18:2017)

HZN/TO 550, Opskrba vodom

HRN EN 1017:2017 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Poluzareni dolomit (EN 1017:2014+A1:2017)
Chemicals used for treatment of water intended for human consumption – Half-burnt dolomite (EN 1017:2014+A1:2017)

HZN/TO 551, Gradnja

HRN EN ISO 10563:2017 en pr
Zgrade i inženjerske građevine – Brtvila – Određivanje promjene mase i obujma (ISO 10563:2017; EN ISO 10563:2017)
Buildings and civil engineering works – Sealants – Determination of change in mass and volume (ISO 10563:2017; EN ISO 10563:2017)

HZN/TO 553, Predgotovljeni proizvodi

HRN EN 16757:2017 en pr
Održivost građevina – Izjava zaštite okoliša – Pravila za kategorizaciju proizvoda za beton i betonske elemente (EN 16757:2017)
Sustainability of construction works – Environmental product declarations – Product Category Rules for concrete and concrete elements (EN 16757:2017)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 1384:2017 en pr
Kacige za konjičke aktivnosti (EN 1384:2017)
Helmets for equestrian activities (EN 1384:2017)

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

HRN EN 1439:2017 en pr
Oprema i pribor za UNP – Postupak provjere prenosivih, ponovno punjivih boca za UNP prije punjenja, tijekom punjenja i nakon punjenja (EN 1439:2017)
LPG equipment and accessories – Procedure for checking transportable refillable LPG cylinders before, during and after filling (EN 1439:2017)

HRN EN 1860-1:2017 en pr
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja (EN 1860-1:2013+A1:2017)
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods (EN 1860-1:2013+A1:2017)

HRN EN 13480-3:2012/A1:2017 en pr
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun (EN 13480-3:2012/A1:2017)
Metallic industrial piping – Part 3: Design and calculation (EN 13480-3:2012/A1:2017)

HRN EN 13480-4:2012/A5:2017 en pr
Metalni industrijski cjevovodi – 4. dio: Izrada i ugradnja (EN 13480-4:2012/A5:2017)
Metallic industrial piping – Part 4: Fabrication and installation (EN 13480-4:2012/A5:2017)

HRN EN 13952:2017 en pr
Oprema i pribor za UNP – Postupci punjenja UNP boca (EN 13952:2017)
LPG equipment and accessories – Filling procedures for LPG cylinders (EN 13952:2017)

HZN/TO 568, Analiza hrane – horizontalne metode, mikrobiologija, posuđe i pribor u kontaktu s hranom

HRN EN ISO 19020:2017 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za imunoenzimsko dokazivanje prisutnosti stafilkoknih enterotoksina u hrani (ISO 19020:2017; EN ISO 19020:2017)
Microbiology of the food chain – Horizontal method for the immunoenzymatic detection of staphylococcal enterotoxins in foodstuffs (ISO 19020:2017; EN ISO 19020:2017)

HZN/TO 573, Elektronički račun

HRN EN 16931-1:2017 en pr
Elektronički račun – 1. dio: Semantički model podataka osnovnih elemenata elektroničkog računa (EN 16931-1:2017)
Electronic invoicing – Part 1: Semantic data model of the core elements of an electronic invoice (EN 16931-1:2017)

HRS CEN/TS 16931-2:2017 en pr
Elektronički račun – 2. dio: Lista sintaksi u skladu s EN 16931-1 (CEN/TS 16931-2:2017)
Electronic invoicing – Part 2: List of syntaxes that comply with EN 16931-1 (CEN/TS 16931-2:2017)

HZN/TO E2, Rotacijski strojevi

HRN EN 60034-12:2017 en pr
Rotacijski električni strojevi – 12. dio: Zaletna svojstva jednobrzinskih trofaznih kaveznih indukcijskih motora (IEC 60034-12:2016; EN 60034-12:2017)
Rotating electrical machines – Part 12: Starting performance of single-speed three-phase cage induction motors (IEC 60034-12:2016; EN 60034-12:2017)

HRN EN 60034-18-42:2017 en pr
Rotacijski električni strojevi – Dio 18-42: Električni sustavi izolacije otporni na parcijalna izbijanja (tip II), koji se upotrebljavaju u rotacijskim električnim strojevima napajanim iz pretvarača napona – Kvalifikacijska ispitivanja (IEC 60034-18-42:2017; EN 60034-18-42:2017)
Rotating electrical machines – Part 18-42: Partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters – Qualification tests (IEC 60034-18-42:2017; EN 60034-18-42:2017)

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

HRN EN 62056-7-3:2017 en pr
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 7-3: Žični i bežični M-Bus komunikacijski profili za lokalne i susjedne mreže (IEC 62056-7-3:2017; EN 62056-7-3:2017)
Electricity metering data exchange – The DLMS/COSEM suite – Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks (IEC 62056-7-3:2017; EN 62056-7-3:2017)

HRN EN 62056-8-6:2017 en pr
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 8-6: PLC ISO/IEC 12139-1 komunikacijski profil velike brzine za susjedne mreže (IEC 62056-8-6:2017; EN 62056-8-6:2017)
Electricity metering data exchange – The DLMS/COSEM Suite – Part 8-6: High speed PLC ISO/IEC 12139-1 profile for neighbourhood networks (IEC 62056-8-6:2017; EN 62056-8-6:2017)

HZN/TO E22, Energetska elektronika

HRN EN 61800-9-1:2017 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 9-1: Ekološko projektiranje za elektromotorne sustave, startere motora, energetska elektroniku i njihovu upravljačku primjenu – Opći zahtjevi za određivanje energetske učinkovitosti norma za elektromotornu opremu uporabom proširenog pristupa proizvodu (EPA) i polu analitičkog modela (SAM) (IEC 61800-9-1:2017; EN 61800-9-1:2017)
Adjustable speed electrical power drive systems – Part 9-1: Ecodesign for power drive systems; motor starters, power electronics and their driven applications – General requirements for setting energy efficiency standards for power driven equipment using the extended product approach (EPA) and semi analytic model (SAM) (IEC 61800-9-1:2017; EN 61800-9-1:2017)

HRN EN 61800-9-2:2017 en pr
Elektromotorni sustavi prilagodljive brzine – Dio 9-2: Ekološko projektiranje za elektromotorne sustave, startere motora, energetska elektroniku i njihovu upravljačku primjenu – Energetska učinkovitost za elektromotorne sustave i startere motora (IEC 61800-9-2:2017; EN 61800-9-2:2017)
Adjustable speed electrical power drive systems – Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications – Energy efficiency indicators for power drive systems and motor starters (IEC 61800-9-2:2017; EN 61800-9-2:2017)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60810:2015/A1:2017 en pr
Žarulje za cestovna vozila – Izvedbeni zahtjevi (IEC 60810:2014/am1:2017; EN 60810:2015/A1:2017)
Lamps for road vehicles – Performance requirements (IEC 60810:2014/am1:2017; EN 60810:2015/A1:2017)

HRN EN 62612:2013/A11:2017 en pr
Žarulje sa svjetlećim diodama s vlastitom predspojnom napravom za opću uporabu u rasvjeti s naponom napajanja većim od 50 V – Izvedbeni zahtjevi (EN 62612:2013/A11:2017)
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements (EN 62612:2013/A11:2017)

HRN EN 62612:2013/A1:2017 en pr
Žarulje sa svjetlećim diodama s vlastitom predspojnom napravom za opću uporabu u rasvjeti s naponom napajanja većim od 50 V – Izvedbeni zahtjevi (IEC 62612:2013/am1:2015; EN 62612:2013/A1:2017)
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements (IEC 62612:2013/am1:2015; EN 62612:2013/A1:2017)

HRN EN 62717:2017 en pr
Moduli svjetlećih dioda za opću rasvjetu – Izvedbeni zahtjevi (IEC 62717:2014, MOD+am1:2015, MOD; EN 62717:2017)
LED modules for general lighting – Performance requirements (IEC 62717:2014, MOD+am1:2015, MOD; EN 62717:2017)

HRN EN 62931:2017 en pr
Cjevaste žarulje sa svjetlećim diodama i podnoškom GX16t-5 – Sigurnosne specifikacije (IEC 62931:2017; EN 62931:2017)
GX16t-5 capped tubular LED lamp – Safety specifications (IEC 62931:2017; EN 62931:2017)

HZN/TO E36, Izolatori

HRN EN 50180-3:2015/A1:2017 en pr
Provodni izolatori iznad 1 kV do 52 kV i od 250 A do 3,15 kA za transformatore punjene tekućinom – 3. dio: Zahtjevi za uvršćenja provodnih izolatora (EN 50180-3:2015/A1:2017)
Bushings above 1 kV up to 52 kV and from 250 A to 3,15 kA for liquid filled transformers – Part 3: Requirements for bushing fixations (EN 50180-3:2015/A1:2017)

HZN/TO E44, Elektrotehnička sigurnost strojeva

HRN EN 62745:2017 en pr
Sigurnost strojeva – Zahtjevi za bežične sustave upravljanja strojevima (IEC 62745:2017; EN 62745:2017)
Safety of machinery – Requirements for cableless control systems of machinery (IEC 62745:2017; EN 62745:2017)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

HRN EN 62325-451-1:2017 en pr
Okvir za komunikaciju na tržištu električnom energijom – Dio 451-1: Poslovni proces potvrđivanja i kontekstualni model za CIM europsko tržište (IEC 62325-451-1:2017; EN 62325-451-1:2017)
Framework for energy market communications – Part 451-1: Acknowledgement business process and contextual model for CIM European market (IEC 62325-451-1:2017; EN 62325-451-1:2017)

HZN/TO E76, Sigurnost optičkoga zračenja i laserska oprema

HRN EN 60825-1:2015/lsp:1:2017 en pr
Sigurnost laserskih proizvoda – 1. dio: Razredba opreme i zahtjevi (EN 60825-1:2014/AC:2017)
Safety of laser products – Part 1: Equipment classification and requirements (EN 60825-1:2014/AC:2017)

HZN/TO E81, Zaštita od munje

HRN EN 62561-1:2017 en pr
Komponente sustava zaštite od munje (LPSC) – 1. dio: Zahtjevi za spojne komponente (IEC 62561-1:2017; EN 62561-1:2017)
Lightning Protection System Components (LPSC) – Part 1: Requirements for connection components (IEC 62561-1:2017; EN 62561-1:2017)

HZN/TO E88, Vjetroagregati

HRN EN 61400-12-1:2017 en pr
Vjetroagregati – Dio 12-1: Mjerenje značajka snage vjetroagregata koji proizvode električnu energiju (IEC 61400-12-1:2017; EN 61400-12-1:2017)
Wind turbines – Part 12-1: Power performance measurements of electricity producing wind turbines (IEC 61400-12-1:2017; EN 61400-12-1:2017)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRN EN 50647:2017 en pr
Osnovna norma za procjenu izloženosti radnika električnim i magnetskim poljima od uređaja i instalacija za proizvodnju, prijenos i distribuciju električne energije (EN 50647:2017)
Basic standard for the evaluation of workers' exposure to electric and magnetic fields from equipment and installations for the production, transmission and distribution of electricity (EN 50647:2017)

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

HRN EN 62949:2017 en pr
Posebni sigurnosni zahtjevi za opremu koja se priključuje na informacijske i komunikacijske mreže (IEC 62949:2017; EN 62949:2017)
Particular safety requirements for equipment to be connected to information and communication networks (IEC 62949:2017; EN 62949:2017)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55016-1-4:2012/A2:2017 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 1-4: Uređaji za mjerenje radiosmetnja i otpornosti – Antene i ispitna mjesta za mjerenje zračenih smetnja (CISPR 16-1-4:2010/A2:2017; EN 55016-1-4:2010/A2:2017)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements (CISPR 16-1-4:2010/A2:2017; EN 55016-1-4:2010/A2:2017)

HRN EN 61000-4-39:2017 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-39: Ispitne i mjerne tehnike – Zračeća polja u neposrednoj blizini – Ispitivanje otpornosti (IEC 61000-4-39:2017; EN 61000-4-39:2017)
Electromagnetic Compatibility (EMC) – Part 4-39: Testing and measurement techniques – Radiated fields in close proximity – Immunity test (IEC 61000-4-39:2017; EN 61000-4-39:2017)

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN 62127-2:2008/A2:2017 en pr
Ultrazvuk – Hidrofoni – 2. dio: Umjeravanje za ultrazvučna polja do 40 MHz (IEC 62127-2:2007/am2:2017; EN 62127-2:2007/A2:2017)
Ultrasonics – Hydrophones – Part 2: Calibration for ultrasonic fields up to 40 MHz (IEC 62127-2:2007/am2:2017; EN 62127-2:2007/A2:2017)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 224 V2.1.1:2017 en pr
Koprena pokretna služba – Radijska oprema za uporabu u jednosmjernom pozivanju koja radi u frekvencijskom području 25 MHz - 470 MHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 300 224 V2.1.1:2017)
Land Mobile Service – Radio Equipment for use in a Paging Service operating within the frequency range 25 MHz - 470 MHz – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 300 224 V2.1.1:2017)

HRN EN 301 357 V2.1.1:2017 en pr
Bežični audio uređaji u području od 25 MHz do 2 000 MHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 301 357 V2.1.1:2017)
Cordless audio devices in the range 25 MHz to 2 000 MHz – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 301 357 V2.1.1:2017)

HRN EN 302 296 V2.1.1:2017 en pr
Digitalni zemaljski TV odašiljači – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 302 296 V2.1.1:2017)
Digital Terrestrial TV Transmitters – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 302 296 V2.1.1:2017)

HRN EN 303 413 V1.1.1:2017 en pr
Satelitske zemaljske postaje i sustavi (SES) – Prijamnici globalnoga satelitskog navigacijskog sustava (GNSS) – Radijska oprema koja radi u frekvencijskim pojasima od 1 164 MHz do 1 300 MHz i od 1 559 MHz do 1 610 MHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 303 413 V1.1.1:2017)
Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers – Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 303 413 V1.1.1:2017)

HZN/TU I2, Strojarstvo 2

HRN EN 15163:2017 en pr
Strojevi i uređaji za iskorištavanje i obradu prirodnog kamena – Sigurnosni zahtjevi za pile (EN 15163:2017)
Machines and installations for the exploitation and processing of natural stone – Safety – Requirements for diamond wire saws (EN 15163:2017)

HZN/TU N1, Nemetalni materijali 1

HRN EN 16723-2:2017 en pr
Natural gas and biomethane for use in transport and biomethane for injection in the natural gas network – Part 2: Automotive fuel specifications (EN 16723-2:2017)

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

HRN EN ISO 11609:2017 en pr
Stomatologija – Zubne paste – Zahtjevi, metode ispitivanja i označivanje (ISO 11609:2017; EN ISO 11609:2017)
Dentistry – Dentifrices – Requirements, test methods and marking (ISO 11609:2017; EN ISO 11609:2017)

HRN EN 16844:2017 en pr
Estetske medicinske usluge – Nekirurški medicinski postupci (EN 16844:2017)
Aesthetic medicine services – Non-surgical medical procedures (EN 16844:2017)

HRN EN ISO 19490:2017 en pr
Stomatologija – Instrument za podizanje membrane sinusa (ISO 19490:2017; EN ISO 19490:2017)
Dentistry – Sinus membrane elevator (ISO 19490:2017; EN ISO 19490:2017)

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

HRN EN 2714-013:2017 en pr
Zrakoplovstvo – Kabeli, električni, jednožilni i višezilni za opću upotrebu – Radna temperatura između -55 °C i 260 °C – Dio 013: DR porodica, oklopljeni (spiralni) i obloženi, za ispis UV laserskim pisačem – Norma za proizvod (EN 2714-013:2017)
Aerospace series – Cables, electrical, single and multicore for general purpose – Operating temperatures between -55 °C and 260 °C – Part 013: DR family, screened (spiral) and jacketed, UV laser printable – Product standard (EN 2714-013:2017)

HRN EN 2997-001:2017 en pr
Zrakoplovstvo – Spojnice, električne, kružne, opremljene s navojnim prstenom, otporne na vatru ili neotporne na vatru, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – 001. dio: Tehnička specifikacija (EN 2997-001:2017)
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 001: Technical specification (EN 2997-001:2017)

HRN EN 3773-006:2017 en pr
Zrakoplovstvo – Automatski osigurači, jednopolni, temperaturno kompenzirani, nazivnih struja 1 A do 25 A – Dio 006: Ravni priključak 6,3 mm – Norma za proizvod (EN 3773-006:2017)
Aerospace series – Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A – Part 006: 6,3 mm blade terminal – Product standard (EN 3773-006:2017)

HRN EN 4072:2016/Ispr.2:2017 en pr
Zrakoplovstvo – Vijci, sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka uske tolerancije, kratkog navoja, od legure titana, prevučeni IVD aluminijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 425 °C (EN 4072:2016/AC:2017)
Aerospace series – Screws, 100° countersunk normal head, offset cruciform recess, close tolerance shank, short thread in titanium alloy, aluminium IVD coated – Classification: 1 100 MPa (at ambient temperature) / 425 °C (EN 4072:2016/AC:2017)

HRN EN 4674-003:2017 en pr
Zrakoplovstvo – Električni kabeli, ugradnja – Samoomatajuća, oklopljena (EMI) zaštitna navlaka – Dio 003: Otvorena navlaka – Unutarnje područje pod kontroliranim tlakom – EMI zaštita 5 kA – Temperaturni raspon od -65 °C do 200 °C – Norma za proizvod (EN 4674-003:2017)
Aerospace series – Electrical cables, installation – Self-wrapping shielding (EMI) protective sleeve – Part 003: Open sleeve – Inside pressurized area – EMI protection 5 kA – Temperature range -65 °C to 200 °C – Product standard (EN 4674-003:2017)

HRN EN 4804:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Zakretna prirubnica s 4 otvora za pričvršćivanje, od legure nikla – Nizovi u inčima (EN 4804:2017)
Aerospace series – Flange couplings – Swivel flange with 4 fastening holes, in nickel alloy – Inch series (EN 4804:2017)

HRN EN 4805:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Spoj za zavarivanje, ravni, od čelika otpornog na toplinu – Nizovi u inčima (EN 4805:2017)
Aerospace series – Flange couplings – Weld coupling, Straight, in heat resisting steel – Inch series (EN 4805:2017)

HRN EN 4806:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Spoj za zavarivanje, ravni, od legure nikla – Nizovi u inčima (EN 4806:2017)
Aerospace series – Flange couplings – Weld coupling, Straight, in nickel alloy – Inch series (EN 4806:2017)

HRN EN 4809:2017 en pr
Zrakoplovstvo – Prirubnički spojevi – Brtva s fluorougličnom brtvom na aluminijskoj ploči s 3 otvora za pričvršćivanje – Nizovi u inčima (EN 4809:2017)
Aerospace series – Flange couplings – Gasket seal with fluorocarbon seal on aluminium plate with 3 fastening holes – Inch series (EN 4809:2017)

HRN EN 16603-50-15:2017 en pr
Svemirsko inženjerstvo – CAN protokol proširenja sabirnice (EN 16603-50-15:2017)
Space engineering – CANbus extension protocol (EN 16603-50-15:2017)

HZN/TU U1, Opća elektrotehnika 1

HRN EN 60068-2-18:2017 en pr
Ispitivanje pri utjecaju okoliša – Dio 2-18: Ispitivanja – Ispitivanje R i nupatak: Voda (IEC 60068-2-18:2017; EN 60068-2-18:2017)
Environmental testing – Part 2-18: Tests – Tests R and guidance: Water (IEC 60068-2-18:2017; EN 60068-2-18:2017)

HRN EN 60664-3:2017 en pr
Koodinacija izolacije za opremu niskonaponskih sustava – 3. dio: Zaštita od zagađenja oblaganjem te stavljanjem u kućište ili kalup (IEC 60664-3:2016; EN 60664-3:2017)
Insulation coordination for equipment within low-voltage systems – Part 3: Use of coating, potting or moulding for protection against pollution (IEC 60664-3:2016; EN 60664-3:2017)

HRN EN 60695-11-5:2017 en pr
Ispitivanje opasnosti od požara – Dio 11-5: Ispitni plamenovi – Metoda ispitivanja s igličastim plamenom – Uredaj, postupak ispitivanja za potvrđivanje i upute (IEC 60695-11-5:2016; EN 60695-11-5:2017)
Fire hazard testing – Part 11-5: Test flames – Needle-flame test method – Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-5:2016; EN 60695-11-5:2017)

HRN EN 62321-7-2:2017 en pr
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima – Dio 7-2: Šesterovalentni krom – Određivanje šesterovalentnog kroma (Cr(VI)) u polimerima i elektronicolorimetrijskom metodom (IEC 62321-7-2:2017; EN 62321-7-2:2017)
Determination of certain substances in electrotechnical products – Part 7-2: Hexavalent chromium – Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method (IEC 62321-7-2:2017; EN 62321-7-2:2017)

HZN/TU V1, Elektronika 1

HRN EN 60068-2-69:2017 en pr
Environmental testing – Part 2-69: Tests – Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method (IEC 60068-2-69:2017; EN 60068-2-69:2017)

HRN EN 60749-3:2017 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 3: External visual examination (IEC 60749-3:2017; EN 60749-3:2017)

HRN EN 60749-4:2017 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 4: Damp heat, steady state, highly accelerated stress test (HAST) (IEC 60749-4:2017; EN 60749-4:2017)

HRN EN 60749-6:2017 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 6: Storage at high temperature (IEC 60749-6:2017; EN 60749-6:2017)

HRN EN 60749-9:2017 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 9: Permanence of marking (IEC 60749-9:2017; EN 60749-9:2017)

HRN EN 60749-28:2017 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 28: Electrostatic discharge (ESD) sensitivity testing – Charged device model (CDM) – device level (IEC 60749-28:2017; EN 60749-28:2017)

HRN EN 61076-2-113:2017 en pr
Connectors for electronic equipment – Product requirements – Part 2-113: Circular connectors – Detail specification for connectors with M12 screw locking with power and signal contacts for data transmission with frequency up to 100 MHz (IEC 61076-2-113:2017; EN 61076-2-113:2017)

HRN EN 61169-11:2017 en pr
Radio-frequency connectors – Part 11: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 9,5 mm with threaded coupling – Characteristic impedance 50 Ω (type 4,1-9,5) (IEC 61169-11:2017; EN 61169-11:2017)

HRN EN 61188-7:2017 en pr
Printed boards and printed board assemblies – Design and use – Part 7: Electronic component zero orientation for CAD library construction (IEC 61188-7:2017; EN 61188-7:2017)

HRN EN 61291-5-2:2017 en pr
Optical amplifiers – Part 5-2: Qualification specifications – Reliability qualification for optical fibre amplifiers (IEC 61291-5-2:2017; EN 61291-5-2:2017)

HRN EN 61300-2-55:2017 en pr
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-55: Tests – Strength of mounted adaptor (IEC 61300-2-55:2017; EN 61300-2-55:2017)

HRN EN 62433-3:2017 en pr
EMC IC modelling – Part 3: Models of Integrated Circuits for EMI behavioural simulation – Radiated emissions modelling (ICEM-RE) (IEC 62433-3:2017; EN 62433-3:2017)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 61951-2:2017 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Prijenosni zapečaćeni sekundarni članci i baterije – 2. dio: Nikal-metalni hidrid (IEC 61951-2:2017; EN 61951-2:2017)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 2: Nickel-metal hydride (IEC 61951-2:2017; EN 61951-2:2017)

HRN EN 62282-4-102:2017 en pr
Tehnologija gorivih članaka – dio 1-102: Sustavi gorivih članaka za napajanje električnih industrijskih vozila – Metode za ispitivanje značajki (IEC 62282-4-102:2017; EN 62282-4-102:2017)
Fuel cell technologies – Part 4-102: Fuel cell power systems for industrial electric trucks – Performance test methods (IEC 62282-4-102:2017; EN 62282-4-102:2017)

HRN EN 62841-2-10:2017 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 2-10: Posebni zahtjevi za ručne mješalice (IEC 62841-2-10:2017; EN 62841-2-10:2017)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-10: Particular requirements for hand-held mixers (IEC 62841-2-10:2017; EN 62841-2-10:2017)

HRN EN 62841-3-13:2017 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-13: Posebni zahtjevi za prijenosne bušilice (IEC 62841-3-13:2017; EN 62841-3-13:2017)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-13: Particular requirements for transportable drills (IEC 62841-3-13:2017; EN 62841-3-13:2017)

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 6, *Papir, karton i pulpe*

prEN 12498 en
Paper and board – Paper and board intended to come into contact with foodstuffs – Determination of cadmium, chromium and lead in an aqueous extract
Papir i karton – Papir i karton koji dolazi u kontakt s prehranbenim proizvodima – Određivanje kadmija i olova u vodenom ekstraktu

HZN/TO 21, *Protupožarna i vatrogasna oprema*

prEN 14972-1 en
Fixed firefighting systems – Water mist systems – Part 1: Design, installation, inspection and maintenance
Stabilni protupožarni sustavi – Sustavi vodene magle – Projektiranje i ugradnja

HZN/TO 25, *Ljevarstvo*

prEN 1562 en
Founding – Malleable cast irons
Ljevarstvo – Temporni lijevovi

HZN/TO 28, *Naftni proizvodi i maziva*

prEN ISO 3924 en
Petroleum products – Determination of boiling range distribution – Gas chromatography method (ISO/DIS 3924:2017)
Naftni proizvodi – Određivanje područja destilacije – Metoda plinske kromatografije (ISO/DIS 3924:2017)

prEN ISO 4264 en
Petroleum products – Calculation of cetane index of middle-distillate fuels by the four variable equation (ISO/DIS 4264:2017)
Naftni proizvodi – Izračunavanje cetanskog indeksa za srednje destilatna goriva pomoću jednadžbe s četiri veličine (ISO/DIS 4264:2017)

ISO 8216-1:2017 en
Petroleum products – Fuels (class F) classification – Part 1: Categories of marine fuels
Naftni proizvodi – Razredba goriva (razred F) – 1. dio: Kategorije brodskih goriva

ISO 8216-99:2002 en
Petroleum products – Fuels (class F) – Classification – Part 99: General
Naftni proizvodi – Goriva (razred F) – Klasifikacija – 99. dio: Općenito

ISO 8217:2017 en
Petroleum products – Fuels (class F) – Specifications of marine fuels
Naftni proizvodi – Goriva (razred F) – Specifikacije brodskih goriva

prEN 12916 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

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

ISO 2256:1984/DAmD 1 en
Dried mint (spearmint) (*Mentha spicata* Linnaeus syn. *Mentha viridis* Linnaeus) – Specification
Sušena metvica (zelena) (*Mentha spicata* Linnaeus syn. *Mentha viridis* Linnaeus) – Specifikacija

ISO/DIS 2292 en
Cocoa beans – Sampling
Kakao zrno – Uzimanje uzoraka

ISO/DIS 2451 en
Cocoa beans – Specification and quality requirements

HZN/TO 43, *Akustika*

ISO 1996-2:2017 en
Acoustics – Description, measurement and assessment of environmental noise – Part 2: Determination of environmental noise levels
Akustika – Opis, mjerenje i ocjenjivanje buke okoliša – 2. dio: Određivanje razina buke okoliša

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN 1011-6 en
Welding – Recommendation for welding of metallic materials – Part 6: Laser beam welding
Zavarivanje – Preporuka za zavarivanje metalnih materijala – 6. dio: Zavarivanje laserom

HZN/TO 92, *Zaštita od požara*

prEN ISO 17116 en
Reaction to fire tests for products – Determination of the gross heat of combustion (calorific value) (ISO/DIS 17116:2017)
Ispitivanja reakcije na požar proizvoda – Određivanje bruto toplinskog potencijala (kalorična vrijednost) (ISO/DIS 17116:2017)

HZN/TO 120, *Koža i obuća*

prEN ISO 23702-1 en
Leather – Organic fluorine – Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography (ISO/DIS 23702-1:2017)

HZN/TO 126, *Duhan i duhanski proizvodi*

ISO 13276:2017 en
Tobacco and tobacco products – Determination of nicotine purity – Gravimetric method using tungstosilicic acid
Duhan i duhanski proizvodi – Određivanje čistoće nikotina – Gravimetrijska metoda uporabom silikovolframove kiseline

ISO 15152:2003/DAmD 2 en
Tobacco – Determination of the content of total alkaloids as nicotine – Continuous-flow analysis method
Duhan – Određivanje udjela ukupnih alkaloida kao nikotina – Metoda analize kontinuiranog toka

HZN/TO 130, *Grafička tehnologija*

- ISO 2834-3:2008 en
Graphic technology – Laboratory preparation of test prints – Part 3: Screen printing inks
Grafička tehnologija – Laboratorijska priprema probnih otisaka – 3. dio: Sitotiskarske boje
- ISO 12632:2015 en
Graphic technology – Ink, paper and labels – Requirements on hot alkali penetration and resistance
Grafička tehnologija – Bojilo, papir i etikete – Zahtjevi za penetraciju tople lužine i otpornost na lužinu
- ISO 12637-2:2008 en
Graphic technology – Vocabulary – Part 2: Prepress terms
Grafička tehnologija – Terminološki rječnik – 2. dio: Nazivi u grafičkoj pripremi
- ISO 12637-4:2008 en
Graphic technology – Vocabulary – Part 4: Postpress terms
Grafička tehnologija – Terminološki rječnik – 4. dio: Nazivi u grafičkoj doradi
- ISO 12640-3:2007 en
Graphic technology – Prepress digital data exchange – Part 3: CIELAB standard colour image data (CIELAB/SCID)
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – 3. dio: CIELAB standardni podaci za kolornu sliku (CIELAB/SCID)
- ISO 12640-4:2011 en
Graphic technology – Prepress digital data exchange – Part 4: Wide gamut display-referred standard colour image data [Adobe RGB (1998)/SCID]
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – 4. dio: Prikazivanje veličine gamuta određenog standardnim podacima za kolornu sliku [Adobe RGB (1998)/SCID]
- ISO 12640-5:2013 en
Graphic technology – Prepress digital data exchange – Part 5: Scene-referred standard colour image data (RIMM/SCID)
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – 5. dio: Standardni podaci za kolornu sliku određeni motivom (RIMM/SCID)
- ISO 12641-1:2016 en
Graphic technology – Prepress digital data exchange – Colour targets for input scanner calibration – Part 1: Colour targets for input scanner calibration
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – Kolorna testna polja za ulaznu kalibraciju skenera – 1. dio: Kolorna testna polja za ulaznu kalibraciju skenera
- ISO 12643-5:2010 en
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 5: Stand-alone platen presses
Grafička tehnologija – Sigurnosni zahtjevi za grafičku opremu i sustave – 5. dio: Samostalni zaklopi strojevi
- ISO 12647-7:2016 en
Graphic technology – Process control for the production of halftone colour separations, proof and production prints – Part 7: Proofing processes working directly from digital data
Grafička tehnologija – Kontrola postupaka za proizvodnju rasterskih izvadaka, probnog i proizvodnog otiska – 7. dio: Probno otiskivanje direktno iz digitaliziranih podataka
- ISO 12647-8:2012 en
Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 8: Validation print processes working directly from digital data
Grafička tehnologija – Kontrola postupaka za proizvodnju rasterskih izvadaka, probnog i proizvodnog otiska – 8. dio: Provjera tiskarskog procesa nastalog direktno iz digitaliziranih podataka
- ISO 14298:2013 en
Graphic technology – Management of security printing processes
Grafička tehnologija – Upravljanje procesima zaštitnog tiska
- ISO 14861:2015 en
Graphic technology – Requirements for colour soft proofing systems
Grafička tehnologija – Zahtjevi sustava za višebojno probno otiskivanje (soft proof)
- ISO 15076-1:2010 en
Image technology colour management – Architecture, profile format and data structure – Part 1: Based on ICC.1:2010
Tehnologija kolornog upravljanja slike – Ustroj, format profila i struktura podataka – 1. dio: Na temelju ICC.1:2010
- ISO 15341:2014 en
Graphic technology – Method for radius determination of printing cylinders
Grafička tehnologija – Metoda određivanja polumjera tiskovnog cilindra
- ISO 15397:2014 en
Graphic technology – Communication of graphic paper properties
Grafička tehnologija – Navođenje svojstava grafičkih papira
- ISO 15930-7:2010 en
Graphic technology – Prepress digital data exchange using PDF – Part 7: Complete exchange of printing data (PDF/X-4) and partial exchange of printing data with external profile reference (PDF/X-4p) using PDF 1.6
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi pomoću PDF-a – 7. dio: Potpuna razmjena tiskarskih podataka (PDF/X-4) i djelomična razmjena digitalnih podataka s vanjskim podacima profila (PDF/X-4p) pomoću PDF 1.6
- ISO 15930-8:2010+Cor 1:2011 en
Graphic technology – Prepress digital data exchange using PDF – Part 8: Partial exchange of printing data using PDF 1.6 (PDF/X-5)
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi pomoću PDF-a – 8. dio: Djelomična razmjena digitalnih podataka pomoću PDF 1.6 (PDF/X-5)
- ISO 16612-2:2010 en
Graphic technology – Variable data exchange – Part 2: Using PDF/X-4 and PDF/X-5 (PDF/VT-1 and PDF/VT-2)
Grafička tehnologija – Razmjena promjenljivih podataka digitalnog tiska – 2. dio: Korištenje PDF/X-4 i PDF/X-5 (PDF/VT-1 i PDF/VT-2)
- ISO 16684-1:2012 en
Graphic technology – Extensible metadata platform (XMP) specification – Part 1: Data model, serialization and core properties
Grafička tehnologija – Specifikacija proširive platforme metapodataka (XMP) – 1. dio: Model podataka, serijalizacija i temeljna svojstva
- ISO 16684-2:2014 en
Graphic technology – Extensible metadata platform (XMP) – Part 2: Description of XMP schemas using RELAX NG
Grafička tehnologija – Specifikacija proširive platforme metapodataka (XMP) – 2. dio: Opis XMP shema pomoću RELAX NG
- ISO 16759:2013 en
Graphic technology – Quantification and communication for calculating the carbon footprint of print media products
Grafička tehnologija – Kvantifikacija i komunikacija pri izračunavanju emisije stakleničkih plinova (uglični otisak) za proizvode tiskanih medija
- ISO 16760:2014 en
Graphic technology – Prepress data exchange – Preparation and visualization of RGB images to be used in RGB-based graphics arts workflows
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – Priprema i vizualizacija RGB slika koje se upotrebljavaju u radnim tokovima (workflow) grafičkih ilustracija temeljenim na RGB-u
- ISO 16762:2016 en
Graphic technology – Post-press – General requirements for transfer, handling and storage
Grafička tehnologija – Grafička dorada – Opći zahtjevi za prijenos, rukovanje i skladištenje
- ISO 16763:2016 en
Graphic technology – Post-press – Requirements for bound products
Grafička tehnologija – Grafička dorada – Zahtjevi za uvezane proizvode

ISO 17972-1:2015 en
Graphic technology – Colour data exchange format – Part 1: Relationship to CxF3 (CxF/X)
Grafička tehnologija – Format razmjene kolornih podataka – 1. dio: Odnos prema CxF3 (CxF/X)

ISO 17972-2:2016 en
Graphic technology – Colour data exchange format (CxF/X) – Part 2: Scanner target data (CxF/X-2)
Grafička tehnologija – Format razmjene kolornih podataka (CxF/X) – 2. dio: Ciljani podaci za skener (CxF/X-2)

ISO 18619:2015 en
Image technology colour management – Black point compensation
Tehnologija kolornog upravljanja slike – Kompenzacija akromatske točke (Black point)

ISO 18620:2016 en
Graphic technology – Prepress data exchange – Tone adjustment curves exchange
Grafička tehnologija – Razmjena digitalnih podataka u grafičkoj pripremi – Razmjena krivulja za podešavanje tonova

ISO 19445:2016 en
Graphic technology – Metadata for graphic arts workflow – XMP metadata for image and document proofing
Grafička tehnologija – Metapodaci za radne tokove (workflow) grafičkih ilustracija – XMP metapodaci za slike i probne otiske dokumenata

ISO 19594:2017 en
Graphic technology – Test method for the determination of the binding strength for perfect-bound products – Page-pull test working upwards
Grafička tehnologija – Metoda ispitivanja za određivanje čvrstoće mekog uveza – Ispitivanje povlačenjem stranice prema gore

ISO 28178:2009 en
Graphic technology – Exchange format for colour and process control data using XML or ASCII text
Grafička tehnologija – Format razmjene kontrolnih podataka boja i procesa korištenjem XML ili ASCII teksta

HZN/TO 134, Gnojiva i poboljšivači tla

ISO/DIS 7409 en
Fertilizers – Marking – Presentation and declarations
Gnojiva – Označavanje – Predstavljanje i deklariranje

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

prEN ISO 13056 en
Plastics piping systems – Pressure systems for hot and cold water – Test method for leaktightness under vacuum (ISO 13056:2011)

EN ISO 15874-2:2013/prA1 en
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes (ISO 15874-2:2013/DAM 1:2017)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 2. dio: Cijevi (ISO 15874-2:2013/DAM 1:2017)

EN ISO 15874-3:2013/prA1 en
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings (ISO 15874-3:2013/DAM 1:2017)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 3. dio: Spojnice (ISO 15874-3:2013/DAM 1:2017)

EN ISO 15874-5:2013/prA1 en
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 5: Fitness for purpose of the system (ISO 15874-5:2013/DAM 1:2017)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 5. dio: Prikladnost sustava za uporabu (ISO 15874-5:2013/DAM 1:2017)

prEN ISO 19892 en
Plastics piping systems – Thermoplastics pipes and fittings for hot and cold water – Test method for the resistance of joints to pressure cycling (ISO 19892:2011)

prEN ISO 19893 en
Plastics piping systems – Thermoplastics pipes and fittings for hot and cold water – Test method for the resistance of mounted assemblies to temperature cycling (ISO 19893:2011)
Plastični cijevni sustavi – Plastomerne cijevi i spojnice za toplu i hladnu vodu – Ispitna metoda za postojanost montiranih sklopova prema cikličkim promjenama temperature (ISO 19893:2011)

prEN ISO 21225-1 en
Plastics piping systems for the trenchless replacement of underground pipeline networks – Part 1: Replacement on the line by pipe bursting and pipe extraction (ISO/DIS 21225-1:2017)

prEN ISO 21225-2 en
Plastics piping systems for the trenchless replacement of underground pipeline networks – Part 2: Replacement off the line by horizontal directional drilling and impact moling (ISO/DIS 21225-2:2017)

HZN/TO 146, Kvaliteta zraka

FprCEN ISO/TS 21623 en
Workplace exposure – Assessment of dermal exposure to nano-objects and their aggregates and agglomerates (NOAA) (ISO/PRF TS 21623:2017)
Profesionalna izloženost – Procjena izloženosti kože nanoobjektima i njihovim agregatima i aglomeratima (NOAA) (ISO/PRF TS 21623:2017)

HZN/TO 147, Kvaliteta vode

prEN 17136 en
Water quality – Guidance on field and laboratory procedures for quantitative analysis and identification of macro-invertebrates from inland surface waters

HZN/TO 159, Ergonomija

prEN ISO 27501 en
The human-centred organization – Guidance for managers (ISO/DIS 27501:2017)
Organizacija usmjerena prema čovjeku – Smjernica za menadžere (ISO/DIS 27501:2017)

HZN/TO 163, Toplinska izolacija

prEN 13494 en
Thermal insulation products for building applications – Determination of the tensile bond strength of the adhesive and of the base coat to the thermal insulation material
Toplinsko-izolacijski proizvodi za primjenu u zgradarstvu – Određivanje vlačne čvrstoće prionljivosti ljepila i temeljnog sloja na toplinsko-izolacijskom materijalu

prEN 13497 en
Thermal insulation products for building applications – Determination of the resistance to impact of external thermal insulation composite systems (ETICS)
Toplinsko-izolacijski proizvodi za primjenu u zgradarstvu – Određivanje otpornosti na udar povezanih sustava za vanjsku toplinsku izolaciju (ETICS)

prEN 17139 en
Thermal insulation products for building – Factory made vegetal fibres based products (VFBP)
Toplinsko-izolacijski proizvodi za zgrade – Tvornički proizvedeni proizvodi na osnovi biljnih vlakana (VFBP)

HZN/TO 165, Drvene konstrukcije

prEN 14592 en
Timber structures – Dowel-type fasteners – Requirements
Drvene konstrukcije – Štapasta spajala – Zahtjevi

HZN/TO 172, Optika i optički instrumenti

prEN ISO 11145 en
Optics and photonics – Lasers and laser-related equipment – Vocabulary and symbols (ISO/DIS 11145:2017)
Optika i fotonika – Laseri i pridružena oprema – Terminološki rječnik i simboli (ISO/DIS 11145:2017)

prEN ISO 13694 en
Optics and photonics – Lasers and laser-related equipment – Test methods for laser beam power (energy) density distribution
Optika i fotonika – Laseri i pridružena oprema – Ispitne metode za raspodjelu gustoće snage (energije) laserskog snopa

HZN/TO 182, Geotehničke konstrukcije

prEN ISO 22477-1 en
Geotechnical investigation and testing – Testing of geotechnical structures – Part 1: Pile load test by static axially loaded compression (ISO/DIS 22477-1:2017)
Geotehničko istraživanje i ispitivanje – Ispitivanje geotehničkih konstrukcija – 1. dio: Ispitivanje nosivosti pilota statičkim tlačnim osnim opterećenjem (ISO/DIS 22477-1:2017)

HZN/TO 207, Upravljanje okolišem

prEN ISO 14064-1 en
Greenhouse gases – Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (ISO/DIS 14064-1:2017)
Staklenički plinovi – 1. dio: Specifikacija sa smjernicama na razini organizacije za kvantificiranje i izvješćivanje o emisijama i uklanjanju stakleničkih plinova (ISO/DIS 14064-1:2017)

prEN ISO 14064-2 en
Greenhouse gases – Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements (ISO/DIS 14064-2:2017)
Staklenički plinovi – 2. dio: Specifikacija sa smjernicama na razini projekta za kvantificiranje, praćenje i izvješćivanje o smanjivanju emisija ili povećanju uklanjanja stakleničkih plinova (ISO/DIS 14064-2:2017)

HZN/TO 215, Medicinska informatika

prEN ISO 11238 en
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on substances (ISO/DIS 11238:2017)
Medicinska informatika – Identifikacija medicinskih proizvoda – Podaci i strukture za jedinstvenu identifikaciju i razmjenu propisanih informacija o sastojcima (ISO/DIS 11238:2017)

HZN/TO 219, Podne obloge

prEN 12104 en
Resilient floor coverings – Cork floor tiles – Specification
Elastične podne obloge – Plutene podne ploče – Specifikacija

prEN 17142 en
Modular multilayer floor coverings – Elements with a wood powder based surface layer – Specifications, requirements and test methods

prEN ISO 23999 en
Resilient floor coverings – Determination of dimensional stability and curling after exposure to heat (ISO/DIS 23999:2017)
Elastične podne obloge – Određivanje dimenzijske stabilnosti i valovitosti nakon izlaganja toplini (ISO/DIS 23999:2017)

HZN/TO 502, Plinski uređaji

EN 203-2-1:2014/prA1 en
Gas heated catering equipment – Part 2-1: Specific requirements – Open burners and wok burners
Plinski uređaji za profesionalne kuhinje – Dio 2-1: Specifični zahtjevi – Otvoreni plamenici i wok plamenici

HZN/TO 503, Metalni materijali

prEN 10264-2 en
Steel wire and wire products – Steel wire for ropes – Part 2: Cold drawn non alloy steel wire for ropes for general applications
Čelična žica i žičani proizvodi – Čelična žica za užad – 2. dio: Hladno vučena nelegirana čelična žica za užad opće namjene

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 6158 en
Metallic and other inorganic coatings – Electrodeposited coatings of chromium for engineering purposes (ISO/DIS 6158:2017)
Metalne prevlake – Elektrokemijske kromatne prevlake za inženjerske namjene (ISO/DIS 6158:2017)

HZN/TO 505, Prijenos i distribucija plina

prEN 15001-1 en
Gas Infrastructure – Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations – Part 1: Detailed functional requirements for design, materials, construction, inspection and testing
Plinska infrastruktura – Plinske instalacije za radni tlak veći od 0,5 bar za industrijske instalacije i za tlak veći od 5 bar za industrijske i neindustrijske instalacije – 1. dio: Detaljni funkcionalni zahtjevi za projektiranje, materijale, konstrukciju, nadzor i ispitivanje

prEN 15001-2 en
Gas supply systems – Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations – Part 2: Detailed functional requirements for commissioning, operation and maintenance
Plinska infrastruktura – Plinske instalacije za radni tlak veći od 0,5 bar za industrijske instalacije i za tlak veći od 5 bar za industrijske i neindustrijske instalacije – 2. dio: Detaljni funkcionalni zahtjevi za probni rad i održavanje

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

prEN ISO 20321 en
Petroleum, petrochemical and natural gas industries – Safety of machineries – Powered elevators (ISO/DIS 20321:2017)

HZN/TO 513, Mjerne jedinice i mjerila

ISO 1438:2017 en
Hydrometry – Open channel flow measurement using thin-plate weirs
Hidrometrija – Mjerenje protoka u otvorenim kanalima primjenom tankostjenih preljeva

ISO 4359:2013/Amd 1:2017 en
Flow measurement structures – Rectangular, trapezoidal and U-shaped flumes

prEN 12480 en
Gas meters – Rotary displacement gas meters
Plinomjeri – Plinomjeri s rotacijskim klipovima

HZN/TO 515, Žičare, uspinjače i vučnice

prEN 1709 en
Safety requirements for cableway installations designed to carry persons – Precommissioning inspection and instructions for maintenance and operational inspection
Sigurnosni zahtjevi za žičare za prijevoz osoba – Pregledi prije preuzimanja, održavanje, pregledi u tijeku uporabe i provjere

prEN 12927 en
Safety requirements for cableway installations designed to carry persons – Ropes
Sigurnosni zahtjevi za žičare za prijevoz osoba – Užad

HZN/TO 517, Posebne vrste konstrukcija

EN 13374:2013/prA1 en
Temporary edge protection systems – Product specification – Test methods
Privremene ograde – Specifikacija proizvoda – Metode ispitivanja

HZN/TO 521, Usluge održavanja

prEN 15341 en
Maintenance – Maintenance Key Performance Indicators
Održavanje – Ključni pokazatelji učinkovitosti održavanja

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

prEN 14701-4 en
Characterization of sludges – Filtration properties – Part 4: Determination of the drainability of flocculated sludges
Karakterizacija mulja – Filtracijska svojstva – 4. dio: Određivanje sposobnosti odvodnjavanja flokuliranih muljeva

HZN/TO 524, *Inteligentni transportni sustavi*

- prEN 16157-1 en
Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 1: Context and Framework
Inteligentni transportni sustavi – DATEX II specifikacija za razmjenu podataka za upravljanje prometom i informiranje – 1. dio: Okruženje i okvir
- prEN 16157-2 en
Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 2: Location referencing
Inteligentni transportni sustavi – DATEX II specifikacija za razmjenu podataka za upravljanje prometom i informiranje – 2. dio: Referenciranje lokacija
- prEN 16157-3 en
Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 3: Situation Publication
Inteligentni transportni sustavi – DATEX II specifikacije za razmjenu podataka za upravljanje prometom i informacije o prometu – 3. dio: Objava situacija
- prEN 16157-7 en
Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 7: Common data elements
Inteligentni transportni sustavi – DATEX II specifikacija za razmjenu podataka za upravljanje prometom i informiranje – 7. dio: Zajednički elementi podataka

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

- prEN 1024 en
Clay roofing tiles for discontinuous laying – Determination of geometric characteristics
Glineni crijepljaci za prijelazno polaganje – Određivanje geometrijskih značajka

HZN/TO 528, *Oprema za željeznice*

- EN 14363:2016/prA1 en
Railway applications – Testing and Simulation for the acceptance of running characteristics of railway vehicles – Running Behaviour and stationary tests
Željeznički sustav – Ispitivanje i simulacija za prihvatljivost voznih svojstava željezničkih vozila – Dinamička i statička ispitivanja
- EN 15877-1:2012/prA1 en
Railway applications – Marking on railway vehicles – Part 1: Freight wagons
Željeznički sustav – Oznake na željezničkim vozilima – 1. dio: Teretni vagoni
- EN 16186-3:2016/prA1 en
Railway applications – Driver's cab – Part 3: Design of displays
Željeznički sustav – Upravljačnica – 3. dio: Projektiranje zaslona

HZN/TO 531, *Plastika i guma*

- prEN ISO 8067 en
Flexible cellular polymeric materials – Determination of tear strength (ISO/DIS 8067:2017)
Savitljivi pjenasti polimerni materijali – Određivanje zaderne čvrstoće (ISO/DIS 8067:2017)
- prEN ISO 8307 en
Flexible cellular polymeric materials – Determination of resilience by ball rebound (ISO/DIS 8307:2017)
Savitljivi pjenasti polimerni materijali – Određivanje elastičnosti odskokom kuglice (ISO/DIS 8307:2017)
- prEN ISO 10210 en
Plastics – Methods for the preparation of samples for biodegradation testing of plastic materials (ISO 10210:2012)
- prEN ISO 14853 en
Plastics – Determination of the ultimate anaerobic biodegradation of plastic materials in an aqueous system – Method by measurement of biogas production (ISO 14853:2016)

prEN ISO 15985 en
Plastics – Determination of the ultimate anaerobic biodegradation under high-solids anaerobic-digestion conditions – Method by analysis of released biogas (ISO 15985:2014)

prEN 17129 en
Continuous-fibre-reinforced plastic composites – Pultruded unidirectional rods – Determination of tensile properties in parallel to the fibre direction

prEN ISO 18830 en
Plastics – Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sandy sediment interface – Method by measuring the oxygen demand in closed respirometer (ISO 18830:2016)

prEN ISO 19679 en
Plastics – Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface – Method by analysis of evolved carbon dioxide (ISO 19679:2016)

prEN ISO 21301-1 en
Plastics – Ethylene/vinyl acetate (E/VAC) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO/DIS 21301-1:2017)

prEN ISO 21301-2 en
Plastics – Ethylene/vinyl acetate (E/VAC) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO/DIS 21301-2:2017)

prEN ISO 21304-1 en
Plastics – Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO/DIS 21304-1:2017)

prEN ISO 29988-1 en
Plastics – Polyoxymethylene (POM) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO/DIS 29988-1:2017)
Plastika – Poli(oksimetilenski) (POM) materijali za kalupljenje i ekstrudiranje – 1. dio: Sustav označavanja i osnove za specifikacije (ISO/DIS 29988-1:2017)

prEN ISO 29988-2 en
Plastics – Polyoxymethylene (POM) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO/DIS 29988-2:2017)
Plastika – Poli(oksimetilenski) (POM) materijali za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitnih uzoraka i određivanje svojstava (ISO/DIS 29988-2:2017)

HZN/TO 533, *Kolničke konstrukcije*

FprCEN/TS 12697-50 en
Bituminous mixtures – Test methods – Part 50: Resistance to scuffing
Bitumenske mješavine – Metode ispitivanja – 50. dio: Otpornost na habanje

prEN 13036-5 en
Road and airfield surface characteristics – Test methods – Part 5: Determination of longitudinal unevenness indices
Površinska svojstva cesta i aerodromskih operativnih površina – Metode ispitivanja – 5. dio: Određivanje indeksa uzdužne neravnosti

HZN/TO 534, *Spremnici za teret*

EN 14116:2012+A1:2014/prA2 en
Tanks for transport of dangerous goods – Digital interface for product recognition devices for liquid fuels
Spremnici za prijevoz opasnih tvari – Digitalno sučelje uređaja za prepoznavanje proizvoda za tekuća goriva

EN 16657:2016/prA1 en
Tanks for the transport of dangerous goods – Transport tank equipment for overflow prevention devices for static tanks
Spremnici za prijevoz opasnih tvari – Oprema na transportnom spremniku za uređaje za sprječavanje prepunjenosti nepomičnih spremnika

prEN 17124 en
Hydrogen fuel – Product specification and quality assurance – Proton exchange membrane (PEM) fuel cell applications for road vehicles

prEN 17127 en
Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols

prEN ISO 17268 en
Gaseous hydrogen land vehicle refuelling connection devices (ISO/DIS 17268:2017)
Prikjučni uređaji za punjenje gorivom terenskih vozila na tekući vodik (ISO/DIS 17268:2017)

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

prEN 572-9 en
Glass in building – Basic soda lime silicate glass products – Part 9: Product standard
Staklo u graditeljstvu – Proizvodi od osnovnog natrij-kalcij-silikatnog stakla – 9. dio: Norma za proizvod

prEN 14178-1 en
Glass in building – Basic alkaline earth silicate glass products – Part 1: Float glass
Staklo u graditeljstvu – Osnovni zemnoalkalijski, silikatni, stakleni proizvodi – 1. dio: Float staklo

prEN 14178-2 en
Glass in building – Basic alkaline earth silicate glass products – Part 2: Product standard
Staklo u graditeljstvu – Osnovni zemnoalkalijski, silikatni, stakleni proizvodi – 2. dio: Norma za proizvod

EN 16361:2013+A1:2016/prA2:2017 en
Power operated pedestrian doors – Product standard, performance characteristics – Pedestrian doorsets, other than swing type, initially designed for installation with power operation
Strojno pogonjena vrata za pješake – Norma za proizvod, izvedbene značajke – Vrata za pješake, osim mimokretnih tipova, koja su u osnovi projektirana za ugradnju sa strojnim pogonom

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

prEN ISO 6412-1 en
Technical drawings – Simplified representation of pipelines – Part 1: General rules and orthogonal representation (ISO/FDIS 6412-1:2017)
Tehnički crteži – Pojednostavljeni prikaz cjevovoda – 1. dio: Opća pravila i ortogonalni prikaz (ISO/FDIS 6412-1:2017)

prEN ISO 6412-2 en
Technical drawings – Simplified representation of pipelines – Part 2: Isometric projection (ISO/FDIS 6412-2:2017)
Tehnički crteži – Pojednostavljeni prikaz cjevovoda – 2. dio: Izometrijska projekcija (ISO/FDIS 6412-2:2017)

prEN ISO 6412-3 en
Technical drawings – Simplified representation of pipelines – Part 3: Terminal features of ventilation and drainage systems (ISO/FDIS 6412-3:2017)
Tehnički crteži – Pojednostavljeni prikaz cjevovoda – 3. dio: Značajke završetaka ventilacijskih i odvodnih sustava (ISO/FDIS 6412-3:2017)

EN ISO 14405-2:2011/prA1 en
Geometrical product specifications (GPS) – Dimensional tolerancing – Part 2: Dimensions other than linear sizes (ISO 14405-2:2011/DAM 1:2017)
Geometrijske specifikacije proizvoda (GSP) – Tolerancije dimenzija – 2. dio: Dimenzije koje nisu duljinske (ISO 14405-2:2011/DAM 1:2017)

HZN/TO 539, Kemijski dezinficijensi i antiseptici

prEN 14885 en
Chemical disinfectants and antiseptics – Application of European Standards for chemical disinfectants and antiseptics
Kemijski dezinficijensi i antiseptici – Primjena europskih norma za kemijske dezinficijense i antiseptike

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

prEN 1822-1 en
High efficiency air filters (EPA; HEPA and ULPA) – Part 1: Classification, performance testing, marking
Visokoučinkoviti zračni filtri (EPA, HEPA i ULPA) – 1. dio: Razredba, ispitivanje značajka, označavanje

FprEN 12977-1 en
Thermal solar systems and components – Custom built systems – Part 1: General requirements for solar water heaters and combisystems
Sunčani toplinski sustavi i komponente – Sustavi izrađeni po narudžbi – 1. dio: Opći zahtjevi za sunčane grijače vode i kombinirane sustave

FprEN 12977-2 en
Thermal solar systems and components – Custom built systems – Part 2: Test methods for solar water heaters and combisystems
Sunčani toplinski sustavi i komponente – Sustavi izrađeni po narudžbi – 2. dio: Metode ispitivanja za sunčane grijače vode i kombinirane sustave

FprEN 12977-3 en
Thermal solar systems and components – Custom built systems – Part 3: Performance test methods for solar water heater stores
Sunčani toplinski sustavi i komponente – Sustavi izrađeni po narudžbi – 3. dio: Metode ispitivanja radnih značajka spremnika za sunčane grijače vode

FprEN 12977-4 en
Thermal solar systems and components – Custom built systems – Part 4: Performance test methods for solar combistores
Sunčani toplinski sustavi i komponente – Sustavi izrađeni po narudžbi – 4. dio: Metode ispitivanja radnih značajka sunčanih kombiniranih spremnika

FprEN 12977-5 en
Thermal solar systems and components – Custom built systems – Part 5: Performance test methods for control equipment
Sunčani toplinski sustavi i komponente – Sustavi izrađeni po narudžbi – 5. dio: Metode ispitivanje radnih značajka opreme za upravljanje

CEN/TR 16798-2:2017 en
Energy performance of buildings – Ventilation for buildings – Part 2: Interpretation of the requirements in EN 16798-1 – Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics (Module M1-6)
Energijiska svojstva zgrada – Ventilacija u zgradama – 2. dio: Tumačenje zahtjeva u normi EN 16798-1 – Ulazni mikroklimatski parametri za projektiranje i procjenu energijske učinkovitosti zgrada koji se odnose na kvalitetu zraka, toplinsko okruženje, rasvjetu i akustiku (Modul M1-6)

HZN/TO 544, Strojni elementi

prEN ISO 888 en
Fasteners – Bolts, screws and studs – Nominal lengths and thread lengths (ISO 888:2012)
Spojni elementi – Vijci i svorni vijci – Nazivne duljine i navojne duljine (ISO 888:2012)

prEN ISO 4042 en
Fasteners – Electroplated coating systems (ISO/DIS 4042:2017)
Spojni elementi – Sustav elektrolitičke zaštite (ISO/DIS 4042:2017)

HZN/TO 546, Očuvanje kulturne baštine

prEN 17121 en
Conservation of cultural heritage – Historic Timber Structures – Guidelines for the On Site Assessment

prEN 17135 en
Conservation of cultural heritage – Generale terms for describing the alterations of objects

prEN 17138 en
Conservation of cultural heritage – Methods and materials for cleaning porous inorganic materials

HZN/TO 555, Medicinski proizvodi

prEN 17141 en
Cleanrooms and associated controlled environments – Biocontamination control
Čisti prostori i odgovarajući kontrolirani okoliš – Kontrola zagađenja biološkim materijalom

HZN/TO 556, *Osobna zaštitna oprema*

- prEN 352-4 en
Hearing protectors – Safety requirements and testing – Part 4: Level-dependent ear-muffs
Štitnici sluha – Sigurnosni zahtjevi i ispitivanje – 4. dio: Ušne školjke ovisne o razini
- prEN 352-5 en
Hearing protectors – Safety requirements and testing – Part 5: Active noise reduction ear-muffs
Štitnici sluha – Sigurnosni zahtjevi i ispitivanje – 5. dio: Ušne školjke s aktivnom kompenzacijom šuma
- prEN 352-6 en
Hearing protectors – Safety requirements and testing – Part 6: Ear-muffs with electrical audio input
Štitnici sluha – Sigurnosni zahtjevi i ispitivanje – 6. dio: Ušne školjke s audio-električkim ulazom
- prEN 352-7 en
Hearing protectors – Safety requirements and testing – Part 7: Level-dependent ear-plugs
Štitnici sluha – Sigurnosni zahtjevi i ispitivanje – 7. dio: Ušni čepovi ovisni o razini
- prEN 352-8 en
Hearing protectors – Safety requirements and testing – Part 8: Entertainment audio ear-muffs
Štitnici sluha – Sigurnosni zahtjevi i ispitivanje – 8. dio: Audioušne školjke namijenjene zabavi
- prEN 352-9 en
Hearing protectors – Safety requirements and testing – Part 9: Earplugs with electrical audio input
Štitnici sluha – Sigurnosni zahtjevi i ispitivanje – 9. dio: Ušni čepovi s audio-električkim ulazom
- prEN 352-10 en
Hearing protectors – Safety requirements and testing – Part 10: Earplugs with entertainment audio input
Štitnici sluha – Sigurnosni zahtjevi i ispitivanje – 10. dio: Ušni čepići s audio ulazom namijenjeni zabavi
- prEN ISO 22568-1 en
Foot and leg protectors – Requirements and test methods for footwear components assessment – Metallic toecaps (ISO/DIS 22568-1:2017)
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za procjenu dijelova obuće – Metalne kapice (ISO/DIS 22568-1:2017)
- prEN ISO 22568-2 en
Foot and leg protectors – Requirements and test methods for footwear component assessment – Part 2: Non-metallic toecaps (ISO/DIS 22568-2:2017)
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za procjenu dijelova obuće – 2. dio: Nemetalne kapice (ISO/DIS 22568-2:2017)
- prEN ISO 22568-3 en
Foot and leg protectors – Requirements and test methods for footwear components assessment – Part 3: Metallic anti-perforation insert (ISO/DIS 22568-3:2017)
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za procjenu dijelova obuće – 3. dio: Metalni antiperforacijski uložak (ISO/DIS 22568-3:2017)
- prEN ISO 22568-4 en
Foot and leg protectors – Requirements and test methods for footwear components assessment – Part 4: Non-metallic perforation resistant insert (ISO/DIS 22568-4:2017)
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za procjenu dijelova obuće – 4. dio: Nemetalni antiperforacijski uložak (ISO/DIS 22568-4:2017)

HZN/TO 557, *Zaštitna odjeća*

- EN 16523-1:2015/prA1 en
Determination of material resistance to permeation by chemicals – Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact
Određivanje otpornosti materijala na permeaciju kemikalija – 1. dio: Permeacija potencijalno opasnih tekućih kemikalija u uvjetima stalnog dodira

- EN 16523-2:2015/prA1 en
Determination of material resistance to permeation by chemicals – Part 2: Permeation by potentially hazardous gaseous chemicals under conditions of continuous contact
Određivanje otpornosti materijala na permeaciju kemikalija – 2. dio: Permeacija potencijalno opasnih plinovitih kemikalija u uvjetima stalnog dodira

HZN/TO 558, *Zaštita dišnih putova*

- prEN 143 en
Respiratory protective devices – Particle filters – Requirements, testing, marking
Zaštitne naprave za disanje – Filtri za čestice – Zahtjevi, ispitivanje, označavanje
- prEN 148-1 en
Respiratory protective devices – Threads for facepieces – Part 1: Standard thread connection
Zaštitne naprave za disanje – Navoji za maske – 1. dio: Standardni spoj s navojem
- prEN 14387 en
Respiratory protective devices – Gas filter(s) and combined filter(s) – Requirements, testing, marking
Zaštitne naprave za disanje – Filtar(filtri) za plin i kombinirani filter(filtri) – Zahtjevi, ispitivanje, označavanje

HZN/TO 560, *Tekstilni proizvodi*

- prEN ISO 105-B03 en
Textiles – Tests for colour fastness – Part B03: Colour fastness to weathering: Outdoor exposure (ISO/FDIS 105-B03:2017)
Tekstil – Ispitivanje postojanosti obojenja – Dio B03: Postojanost obojenja na atmosferske uvjete: Direktno izlaganje (ISO/FDIS 105-B03:2017)
- prEN ISO 3175-4 en
Textiles – Professional care; drycleaning and wetcleaning of fabrics and garments – Part 4: Procedure for testing performance when cleaning and finishing using simulated wetcleaning (ISO/DIS 3175-4:2017)
Tekstil – Profesionalna njega, kemijsko čišćenje i mokro čišćenje plošnih tekstila i odjevnih predmeta – 4. dio: Postupak za ispitivanje svojstava primjenom simuliranog mokrog čišćenja pri čišćenju i oplemenjivanju (ISO/DIS 3175-4:2017)
- prEN 17137 en
Textiles – Determination of the content of compounds based on chlorobenzenes and chlorotoluenes

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

- EN 13445-3:2014/prA12 en
Unfired pressure vessels – Part 3: Design
Neložene tlačne posude – 3. dio: Projektiranje
- EN 13445-5:2014/prA2 en
Unfired pressure vessels – Part 5: Inspection and testing
Neložene tlačne posude – 5. dio: Pregled i ispitivanje

HZN/TO 563, *Sigurnost strojeva*

- EN 13870:2015/prA1 en
Food processing machinery – Portion cutting machines – Safety and hygiene requirements
Strojevi za preradu hrane – Strojevi za rezanje mesa – Sigurnosni i higijenski zahtjevi

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

- prEN 959 en
Mountaineering equipment – Rock anchors – Safety requirements and test methods
Planinarska oprema – Stijenska sidra – Sigurnosni zahtjevi i metode ispitivanja
- EN 12277:2015/prA1 en
Mountaineering equipment – Harnesses – Safety requirements and test methods
Planinarska oprema – Pojasovi – Sigurnosni zahtjevi i metode ispitivanja
- prEN 15288-1 en
Swimming pools – Part 1: Safety requirements for design
Bazeni – 1. dio: Sigurnosni zahtjevi za projektiranje

prEN 15288-2 en
Swimming pools – Part 2: Safety requirements for operation
Bazeni – 2. dio: Sigurnosni zahtjevi za upravljanje

EN ISO 23537-1:2016/prA1 en
Requirements for sleeping bags – Part 1: Thermal and dimensional requirements (ISO 23537-1:2016/DAmD1:2017)
Zahtjevi za vreće za spavanje – 1. dio: Toplinski zahtjevi i zahtjevi za dimenzije (ISO 23537-1:2016/DAmD1:2017)

HZN/TO 573, Elektronički račun

FprCEN/TS 16931-3-2 en
Electronic invoicing – Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note
Elektronički račun – Dio 3-2: Sintaksno povezivanje za normu ISO/IEC 19845 (UBL 2.1), račun i odobrenje

FprCEN/TS 16931-3-3 en
Electronic invoicing – Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B
Elektronički račun – Dio 3-3: Sintaksno povezivanje za normu UN/CEFACT XML Industry Invoice D16B

FprCEN/TS 16931-3-4 en
Electronic invoicing – Part 3-4: Syntax binding for UN/EDIFACT INVOIC D16B
Elektronički račun – Dio 3-4: Sintaksno povezivanje za normu UN/EDIFACT INVOIC D16B

HZN/TO 574, Sustavi upravljanja kvalitetom, rizicima, vrijednostima i inovacijama

ISO 10007:2017 en
Quality management – Guidelines for configuration management
Upravljanje kvalitetom – Smjernice za upravljanje konfiguracijom

HZN/TO E9, Električna oprema za željeznicu

prEN 50238-1:2017 en
Railway applications – Compatibility between rolling stock and train detection systems – Part 1: General
Željeznički sustav – Kompatibilnost između željezničkih vozila i sustava detekcije vlaka – 1. dio: Općenito

EN 62580-1:2016/A11:2017 en
Electronic railway equipment – On-board multimedia and telematic subsystems for railways – Part 1: General architecture
Elektronička oprema za željeznice – Željeznički multimedijски i telematički podsustavi na vozilu – 1. dio: Opća arhitektura

HZN/TO E11, Nadzemni vodovi

EN 50341-2-13:2017/A1:2017 en
Overhead electrical lines exceeding AC 1 kV – Part 2-13: National Normative Aspects (NNA) for ITALY (based on EN 50341-1:2012)
Nadzemni električni vodovi izmjenične struje iznad 1 kV – Dio 2-13: Nacionalni normativni aspekti (NNA) za Italiju (na temelju EN 50341-1:2012)

HZN/TO E17, Sklopni i upravljački uređaji

prEN 60947-4-1:2017 en
Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters (IEC 60947-4-1:201X)
Niskonaponska sklopna aparatura – Dio 4-1: Sklopnici i motorski pokretači – Elektromehanički sklopnici i motorski pokretači (IEC 60947-4-1:201X)

prEN 62271-102:2017 en
High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (IEC 62271-102:201X)

HZN/TO E31, Eksplozivne atmosfere

prEN ISO/IEC 80079-34 en
Explosive atmospheres – Part 34: Application of quality systems for equipment manufacture (ISO/IEC/DIS 80079-34:2017)
Eksplozivne atmosfere – 34. Dio: Primjena sustava upravljanja kvalitetom u proizvodnji opreme (ISO/IEC/DIS 80079-34:2017)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

prEN 61970-456:2017 en
Energy management system application program interface (EMS-API) – Part 456: Solved power system state profiles (IEC 61970-456:201X)
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 456. dio: Riješeni profili stanja elektroenergetskog sustava (IEC 61970-456:201X)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

EN 60335-2-27:2013/FprA2:2017 en
Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009/am2:2015)

HZN/TO E62, Električna oprema u medicinskoj praksi

prEN 60601-2-26:2017 en
Medical electrical equipment – Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs (IEC 60601-2-26:201X)
Medicinska električna oprema – Dio 2-26: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke elektroencefalografa (IEC 60601-2-26:201X)

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

prHD 60364-5-56:2017 en
Low-voltage electrical installations – Part 5-56: Selection and erection of electrical equipment – Safety services (IEC 60364-5-56:201X)
Niskonaponske električne instalacije – Dio 5-56: Odabir i ugradnja električne opreme – Instalacije za sigurnosne svrhe (IEC 60364-5-56:201X)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

prEN 60730-2-8:2017 en
Automatic electrical controls for household and similar use – Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements (IEC 60730-2-8:201X)
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-8: Posebni zahtjevi za električne ventile za vodu, uključujući mehaničke zahtjeve (IEC 60730-2-8:201X)

HZN/TO E79, Alarmni sustavi

prEN 50131-4 en
Alarm systems – Intrusion and hold-up systems – Part 4: Warning devices
Alarmni sustavi – Protuprovalni i protuprovalni sustavi – 4. dio: Uređaji za upozorenje

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

FprEN 50364:2017 en
Product standard for human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications
Norma proizvoda za određivanje izloženosti ljudi elektromagnetskim poljima uređaja koji rade u frekvencijskom području od 0 Hz do 300 GHz te se koriste za elektroničku kontrolu proizvoda, radiofrekvencijsku identifikaciju i slične primjene

HZN/TO E501, Elektroakustika i ultrazvuk

EN 62489-1:2010/prA2:2017 en
Electroacoustics – Audio-frequency induction loop systems for assisted hearing – Part 1: Methods of measuring and specifying the performance of system components (IEC 62489-1:2010/am2:201X)
Elektroakustika – Sustavi s indukcijskim petljama kao slušna pripomoć u audiofrekvencijskome području – 1. dio: Metode mjerenja i određivanja mogućnosti sastavnice sustava (IEC 62489-1:2010/am2:201X)

HZN/TO T4, Normizacija u telekomunikacijama

Draft ETSI EN 300 175-1 V2.6.6 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 1: Overview
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 1. dio: Pregled

Draft ETSI EN 300 175-2 V2.6.6 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 2: Physical Layer (PHL)
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 2. dio: Fizički sloj (PHL)

Draft ETSI EN 300 175-3 V2.6.6 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 3: Medium Access Control (MAC) layer
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 3. dio: Sloj kontrole pristupa mediju (MAC)

Draft ETSI EN 300 175-4 V2.6.6 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 4: Data Link Control (DLC) layer
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 4. dio: Sloj kontrole podatkovne veze (DLC)

Draft ETSI EN 300 175-5 V2.6.6 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 5: Network (NWK) layer
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 5. dio: Mrežni (NWK) sloj

Draft ETSI EN 300 175-6 V2.6.6 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 6: Identities and addressing
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 6. dio: Identiteti i adresiranje

Draft ETSI EN 300 175-7 V2.6.7 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 7: Security features
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 7. dio: Sigurnosne značajke

Draft ETSI EN 300 175-8 V2.6.6 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 8: Speech and audio coding and transmission
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 8. dio: Kodiranje i prijenos govora i zvuka

Draft ETSI EN 301 926 V1.3.0 en
Satellite Earth Stations and Systems (SES) – Radio Frequency and Modulation Standard for Telemetry, Command and Ranging (TCR) of Communications Satellites
Satelitske zemaljske postaje i sustavi (SES)
– Radiofrekvencijska i modulacijska norma za telemetriju, upravljanje i određivanje radijusa leta (TCR) komunikacijskih satelita

HZN/TU B1, Graditeljstvo 1

prEN 13200-2 en
Spectator facilities – Layout criteria of service area – Part 2: Characteristics

FprCEN/TR 17113 en
Construction products – Assessment of release of dangerous substances – Radiation from construction products – Dose assessment of emitted gamma radiation
Građevni proizvodi – Procjena otpuštanja opasnih tvari – Zračenje iz građevnih proizvoda – Procjena doze emitirano gama-zračenja

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

prEN ISO 19399 en
Paints and varnishes – Wedge-cut method for determination of film thickness (scribe and drill method) (ISO 19399:2016)

prEN ISO 23900-1 en
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 1: General introduction (ISO 23900-1:2015)
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 1. dio: Opći uvod (ISO 23900-1:2015)

prEN ISO 23900-2 en
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 2: Determination of colouristic properties and ease of dispersion in plasticized polyvinyl chloride by two-roll milling (ISO 23900-2:2015)
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 2. dio: Određivanje svojstva obojenja i lakoće dispergiranja u polivinilkloridu postupkom dvostrukog valjanja (ISO 23900-2:2015)

prEN ISO 23900-3 en
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 3: Determination of colouristic properties and ease of dispersion of black and colour pigments in polyethylene by two-roll milling (ISO 23900-3:2015)
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 3. dio: Određivanje kolorističkih svojstava i lakoće dispergiranja crnih i obojenih pigmentata u polietilenu postupkom dvostrukog valjanja (ISO 23900-3:2015)

prEN ISO 23900-4 en
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 4: Determination of colouristic properties and ease of dispersion of white pigments in polyethylene by two-roll milling (ISO 23900-4:2015)
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 4. dio: Određivanje kolorističkih svojstava i lakoće dispergiranja bijelih pigmentata u polietilenu postupkom dvostrukog valjanja (ISO 23900-4:2015)

prEN ISO 23900-5 en
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 5: Determination by filter pressure value test (ISO 23900-5:2015)
Pigmenti i punila – Metode dispergiranja i ocjena sposobnosti dispergiranja u plastici – 5. dio: Određivanje metodom tlaka pomoću filtra (ISO 23900-5:2015)

prEN ISO 23900-6 en
Pigments and extenders – Methods of dispersion and assessment of dispersibility in plastics – Part 6: Determination by film test (ISO 23900-6:2015)
Pigmenti i punila – Metode disperzije i ocjenjivanja nesposobnosti disperzije u plastici – 6. dio: Određivanje ispitivanjem filma (ISO 23900-6:2015)

HZN/TU I2, Strojarstvo 2

EN 474-1:2006+A4:2013/FprA5 en
Earth-moving machinery – Safety – Part 1: General requirements
Strojari za zemljane radove – Sigurnost – 1. dio: Opći zahtjevi

HZN/TU N1, Nemetalni materijali 1

prEN 12130 en
Feather and down – Test methods – Determination of the filling power (massic volume)
Perje i pahuljica – Metode ispitivanja – Određivanje snage punjenja (volumen grude)

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

prEN 13795-1 en
Surgical clothing and drapes – Requirements and test methods – Part 1: Surgical drapes and gowns
Kirurška odjeća i prekrivači – Zahtjevi i metode ispitivanja – 1. dio: Kirurški prekrivači i ogrtači

prEN 13795-2 en
Surgical clothing and drapes – Requirements and test methods – Part 2: Clean air suits
Kirurška odjeća i prekrivači – Zahtjevi i metode ispitivanja – 2. dio: Operacijska odijela

prEN ISO 20695 en
Enteral feeding systems – Design and testing (ISO/DIS 20695:2017)
Sustavi za unos hrane – Dizajn i ispitivanje (ISO/DIS 20695:2017)

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

FprEN 2114 en
Aerospace series – Aluminium 1050A-H14 – Wire for solid rivets – $D \leq 10$ mm

FprEN 2119 en
Aerospace series – Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) – Solution treated and precipitation treated – Wires for rivets – $2 \text{ mm} \leq D \leq 10 \text{ mm}$ – $R_m \geq 960 \text{ MPa}$

FprEN 2135 en
Aerospace series – Steel FE-PL61 – Carburized, hardened and tempered – Bar – $De \leq 40$ mm

FprEN 2137 en
Aerospace series – Steel FE-PL75 – $1 \text{ 100 MPa} \leq R_m \leq 1 \text{ 250 MPa}$ – Bars – $De \leq 100$ mm

FprEN 2174 en
Aerospace series – Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) – Solution treated and precipitation treated – Forgings – $De \leq 100$ mm – $R_m \geq 850 \text{ MPa}$

FprEN 2221 en
Aerospace series – Steel FE-PL31 – Hardened and tempered – Hollow bars – $3, 5 \text{ mm} \leq a \leq 55 \text{ mm}$

FprEN 2222 en
Aerospace series – Steel FE-PL31 – Hardened and tempered – Hand and die forgings

FprEN 2591-403 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 403. dio: Sinusne i slučajne vibracije

FprEN 3475-603 en
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 603: Resistance to wet arc tracking
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 603. dio: Otpornost na iskrenje u vlazi

FprEN 3475-604 en
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 604: Resistance to dry arc propagation
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 604. dio: Otpornost na iskrenje u suhoj sredini

FprEN 3475-605 en
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 605: Wet short circuit test
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 605. dio: Ispitivanje kratkog spoja u vlazi

FprEN 3904 en
Aerospace series – Washers, wire locking in aluminium alloy, anodized

FprEN 4400-1 en
Aerospace series – Aluminium and aluminium-and magnesium-alloys – Technical specification – Part 1: Aluminium and aluminium alloy plate

FprEN 4400-2 en
Aerospace series – Aluminium and aluminium-and magnesium-alloys – Technical specification – Part 2: Aluminium and aluminium alloy sheet and strip

FprEN 4400-3 en
Aerospace series – Aluminium and aluminium-and magnesium-alloys – Technical specification – Part 3: Aluminium and aluminium alloy bar and section

FprEN 4400-6 en
Aerospace series – Aluminium and aluminium-and magnesium-alloys – Technical specification – Part 6: Aluminium alloy forging stock

FprEN 4652-002 en
Aerospace series – Connectors, coaxial, radiofrequency – Part 002: Specification of performances

FprEN 4652-222 en
Aerospace series – Connectors, coaxial, radio frequency – Part 222: Type 2, TNC interface – Crimp version – Square flange receptacle – Product standard

FprEN 4652-320 en
Aerospace series – Connectors, coaxial, radio frequency – Part 320: Type 3, N interface – Crimp version – Straight plug – Product standard

FprEN 4674-004 en
Aerospace series – Electrical cables, installation – Self-wrapping shielding (EMI) protective sleeve – Part 004: Open sleeve – Outside pressurized area – EMI protection 10 kA – Temperature range – 65 °C to 200 °C – Product standard
Zrakoplovstvo – Električni kabeli, ugradnja – Samoomatajuća, oklopljena (EMI) zaštitna navlaka – Dio 004: Otvorena navlaka – Vanjsko područje pod kontroliranim tlakom – EMI zaštitna 10 kA – Temperaturni raspon od -65 °C do 200 °C – Norma za proizvod

FprEN 4708-104 en
Aerospace series – Sleeving; heat-shrinkable; for binding; insulation and identification – Part 104: Semi-rigid polyvinylidene fluoride (PDVF) – Operating temperature – 55 °C to 175 °C – Product Standard

FprEN 4708-301 en
Aerospace series – Sleeving; heat-shrinkable, for binding, insulation and identification – Part 301: Adhesive lined polyolefin sleeveings – Operating temperature – 55 °C to 105 °C – Product Standard

FprEN 6041 en
Aerospace series – Non-metallic materials – Test method – Analysis of non-metallic materials (uncured) by Differential Scanning Calorimetry (DSC)

FprEN 6059-303 en
Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 303: Resistance to fluids

FprEN 9133 en
Aerospace series – Quality Management Systems – Qualification Procedure for Aerospace Standard Products
Zrakoplovstvo – Sustavi upravljanja kvalitetom – Postupak kvalifikacije za standardne dijelove u zrakoplovstvu

FprEN 9145 en
Aerospace series – Requirements for Advanced Product Quality Planning and Production Part Approval Process

FprEN 9162 en
Aerospace series – Aerospace Operator Self-Verification Programs

FprEN 9223-100 en
Programme Management – Configuration Management – Part 100: A guide for the application of the principles of configuration management

FprEN 9223-101 en
Programme Management – Configuration Management – Part 101: Configuration identification

FprEN 9223-102 en
Programme Management – Configuration Management – Part 102: Configuration status accounting

FprEN 9223-103 en
Programme Management – Configuration Management – Part 103: Configuration Verifications, Reviews and Audits

FprEN 9223-104 en
Programme Management – Configuration Management – Part 104: Configuration Control

FprEN 9223-105 en
Programme Management – Configuration Management – Part 105: Glossary

FprEN 9300-010 en
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 010: Overview Data Flow

FprEN 9300-110 en
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 110: CAD mechanical 3D Explicit geometry information

FprEN 9300-115 en
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 115: Explicit CAD assembly structure

prEN 16842-3 en
Powered industrial trucks – Visibility – Test method and verification – Part 3: Reach trucks up to and including 10 000 kg

prEN 16842-4 en
Powered industrial trucks – Visibility – Test methods and verification – Part 4: Industrial variable reach trucks up to and including 10 000 kg capacity

prEN 16842-6 en
Powered industrial trucks – Visibility – Test methods and verification – Part 6: Sit-on counterbalance trucks and rough terrain masted trucks greater than 10 000 kg capacity

prEN 16842-7 en
Powered industrial trucks – Visibility – Test method for verification – Part 7: Variable reach and masted container trucks handling freight containers of 6 m length and longer

HZN/TU U1, Opća elektrotehnika 1

CLC/TS 50625-3-3:2017 en
Collection, logistics & treatment requirements for WEEE – Part 3-3: Specification for de-pollution – WEEE containing CRTs and flat panel displays
Zahtjevi za prikupljanje, logistiku i obradu otpadne električne i elektroničke opreme – Dio 3-3: Specifikacija za uklanjanje onečišćenja – Električna i elektronička oprema (WEEE) koja sadrži katodne cijevi (CRT) i ravne ekrane

HZN/TU V1, Elektronika 1

prEN 60384-26:2017 en
Fixed capacitors for use in electronic equipment – Part 26: Sectional specification – Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (IEC 60384-26:201X)

prEN 61010-2-091:2017 en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-091: Particular requirements for cabinet X-ray systems (IEC 61010-2-091:201X)
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-091: Posebni zahtjevi za rendgenske sustave u kućištu (IEC 61010-2-091:201X)

prEN 61290-4-3:2017 en
Optical amplifiers – Test methods – Part 4-3: Power transient parameters – Single channel optical amplifiers in output power control (IEC 61290-4-3:201X)

prEN 61290-4-4:2017 en
Optical amplifiers – Test methods – Part 4-4: Gain transient parameters – Single channel optical amplifiers with gain control (IEC 61290-4-4:201X)

prEN 61291-1:2017 en
Optical amplifiers – Part 1: Generic specification (IEC 61291-1:201X)

prEN 61300-3-21:2017 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-21: Examinations and measurements – Switching time (IEC 61300-3-21:201X)

prEN 61757-1:2017 en
Fibre optic sensors – Part 1: Generic specification (IEC 61757-1:201X)

prEN 62228-1:2017 en
Integrated Circuits – EMC evaluation of transceivers – Part 1: General conditions and definitions (IEC 62228-1:201X)

prEN 62343-3-4:2017 en
Dynamic modules – Part 3-4: Performance specification templates – Multicast optical switches (IEC 62343-3-4:201X)

prEN 62435-4:2017 en
Electronic components – Long-term storage of electronic semiconductor devices – Part 4: Storage (IEC 62435-4:201X)

prEN 63032:2017 en
Fibre optic interconnecting devices and passive components – Fibre optic tuneable bandpass filters – Generic specification (IEC 63032:201X)

prEN 63041-1:2017 en
Piezoelectric Sensors – Part 1: Generic Specifications (IEC 63041-1:201X)

prEN 63041-2:2017 en
Piezoelectric Sensors – Part 2: Chemical and Biochemical Sensors (IEC 63041-2:201X)

HZN/TU W1, Energetska elektrotehnika 1

EN 62841-3-10:2015/prAA:2017 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
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-10: Posebni zahtjevi za prijenosne rezne alate

EN 62841-3-1:2014/prAA:2017 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-1: Posebni zahtjevi za prijenosne stolne pile

EN 62841-3-6:2014/prAA:2017 en
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-6: Particular requirements for transportable diamond drills with liquid system
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-6: Posebni zahtjevi za dijamantne bušilice sa sustavom tekućine

EN 62841-3-9:2015/prAA:2017 en
Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery – Safety – Part 3-9: Particular requirements for transportable mitre saws
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-9: Posebni zahtjevi za prijenosne kutne pile

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 22, Cestovna vozila

HRN ISO 3536:2003 en,fr
Cestovna vozila – Sigurnosna stakla – Rječnik (ISO 3536:1999)
Road vehicles – Safety glazing materials – Vocabulary (ISO 3536:1999)
- zamijenjena s: HRN ISO 3536:2017

HRN ISO 7637-3:2013 en
Cestovna vozila – Električne smetnje koje nastaju vođenjem i sprežanjem – Prijenos električnih tranzijenata kapacitivnim ili induktivnim sprežanjem vodovima koji nisu namijenjeni napajanju (ISO 7637-3:2007)
Road vehicles – Electrical disturbances from conduction and coupling – Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines (ISO 7637-3:2007)
- zamijenjena s: HRN ISO 7637-3:2017

HRN ISO 11452-3:2001 en
Cestovna vozila – Metode ispitivanja sastavnica na električne smetnje od uskopojasnoga zračenja elektromagnetske energije – 3. dio: Transverzalna elektromagnetska (TEM) komora (ISO 11452-3:2001)
Road vehicles – Component test method for electrical disturbances by narrowband radiated electromagnetic energy – Part 3: Transverse electromagnetic mode (TEM) cell (ISO 11452-3:2001)
- zamijenjena s: HRN ISO 11452-3:2017

HRN ISO 14230-2:2014 en
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)
- zamijenjena s: HRN ISO 14230-2:2017

HRN ISO 15082:2003 en
Cestovna vozila – Ispitivanja sigurnosnih stakala od krute plastike (ISO 15082:1999)
Road vehicles – Tests for rigid plastic safety glazing materials (ISO 15082:1999)
- zamijenjena s: HRN ISO 15082:2017

HRN ISO 15501-1:2014 en
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)
- zamijenjena s: HRN ISO 15501-1:2017

HRN ISO 15501-2:2001 en
Cestovna vozila – Sustavi za opskrbu vozila stlačenim prirodnim plinom, ugrađeni na vozilo – 2. dio: Metode ispitivanja (ISO 15501-2:2001)
Road vehicles – Compressed natural gas fuelling systems – Part 2: Test methods (ISO 15501-2:2001)
- zamijenjena s: HRN ISO 15501-2:2017

HRN ISO 16845:2004 en
Cestovna vozila – Regulator mrežnog područja (CAN) – Postupak provjere usklađenosti (ISO 16845:2004)
Road vehicles – Controller area network (CAN) – Conformance test plan (ISO 16845:2004)
- zamijenjena s: HRN ISO 16845-1:2017

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 636:2016 en
Dodatni i potrošni materijali za zavarivanje – Šipke, žice i depoziti za TIG zavarivanje nelegiranih i sitnozrnatih čelika – Razredba (ISO 636:2015; EN ISO 636:2015)
Welding consumables – Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels – Classification (ISO 636:2015; EN ISO 636:2015)
- zamijenjena s: HRN EN ISO 636:2017

HRN EN 13479:2007 en
Dodatni i potrošni materijali za zavarivanje – Opća norma za dodatne materijale i praškove za zavarivanje metalnih materijala taljenjem (EN 13479:2004)
Welding consumables – General product standard for filler metals and fluxes for fusion welding of metallic materials (EN 13479:2004)
- zamijenjena s: HRN EN 13479:2017

HRN EN ISO 14555:2014 en
Zavarivanje – Elektrolučno zavarivanje svornjaka od metalnih materijala (ISO 14555:2014; EN ISO 14555:2014)
Welding – Arc stud welding of metallic materials (ISO 14555:2014; EN ISO 14555:2014)
- zamijenjena s: HRN EN ISO 14555:2017

HRN EN ISO 15614-1:2007 en
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 1. dio: Elektrolučno i plinsko zavarivanje čelika te elektrolučno zavarivanje nikla i legura nikla (ISO 15614-1:2004; EN ISO 15614-1:2004)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2004; EN ISO 15614-1:2004)
- zamijenjena s: HRN EN ISO 15614-1:2017

HRN EN ISO 15614-1:2007/A1:2008 en
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 1. dio: Elektrolučno i plinsko zavarivanje čelika te elektrolučno zavarivanje nikla i legura nikla – Amandman 1 (ISO 15614-1:2004/Amd 1:2008; EN ISO 15614-1:2004/A1:2008)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys – Amendment 1 (ISO 15614-1:2004/Amd 1:2008; EN ISO 15614-1:2004/A1:2008)
- zamijenjena s: HRN EN ISO 15614-1:2017

HRN EN ISO 15614-1:2007/A2:2012 en
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 1. dio: Elektrolučno i plinsko zavarivanje čelika te elektrolučno zavarivanje nikla i legura nikla (ISO 15614-1:2004/Amd 2:2012; EN ISO 15614-1:2004/A2:2012)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2004/Amd 2:2012; EN ISO 15614-1:2004/A2:2012)
- zamijenjena s: HRN EN ISO 15614-1:2017

HZN/TO 108, Mehaničke vibracije i udari

HRN ISO 1925:2008 en, fr
Mehaničke vibracije – Uravnoteženje – Terminološki rječnik (ISO 1925:2001)
Mechanical vibration – Balancing – Vocabulary (ISO 1925:2001)
- zamijenjena s: HRN ISO 21940-2:2017

HZN/TO 136, Namještaj

HRN EN 716-1:2013 hr-en
Namještaj – Dječji krevetići i sklopivi dječji krevetići za kućnu uporabu – 1. dio: Sigurnosni zahtjevi (EN 716-1:2008+A1:2013)
Furniture – Children's cots and folding cots for domestic use – Part 1: Safety requirements (EN 716-1:2008+A1:2013)
- zamijenjena s: HRN EN 716-1:2017

HRN EN 716-2:2013 en
Namještaj – Dječji krevetići i sklopivi dječji krevetići za kućnu uporabu – 2. dio: Metode ispitivanja (EN 716-2:2008+A1:2013)
Furniture – Children's cots and folding cots for domestic use – Part 2: Test methods (EN 716-2:2008+A1:2013)
- zamijenjena s: HRN EN 716-2:2017

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

HRN ISO 9697:2014 en
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)
- zamijenjena s: HRN EN ISO 9697:2017

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

HRN ISO 11731:2000 en
Kakvoća vode – Detekcija i brojenje Legionella (ISO 11731:1998)
Water quality – Detection and enumeration of Legionella (ISO 11731:1998)
- zamijenjena s: HRN EN ISO 11731:2017

HRN EN ISO 11731-2:2008 en
Kakvoća vode – Detekcija i brojenje Legionella – 2. dio: Izravna metoda membranske filtracije za vode s malim brojem bakterija (ISO 11731-2:2004; EN ISO 11731-2:2008)
Water quality – Detection and enumeration of Legionella – Part 2: Direct membrane filtration method for waters with low bacterial counts (ISO 11731-2:2004; EN ISO 11731-2:2008)
- zamijenjena s: HRN EN ISO 11731:2017

HRN ENV ISO 13843:2002 en
Kakvoća vode – Smjernice za vrednovanje mikrobioloških metoda (ISO/TR 13843:2000; ENV ISO 13843:2001)
Water quality – Guidance on validation of microbiological methods (ISO/TR 13843:2000; ENV ISO 13843:2001)
- zamijenjena s: HRN EN ISO 13843:2017

HZN/TO 179, *Zidane konstrukcije*

HRN EN 15824:2009 en
Specifikacije za vanjske i unutrašnje žbuke na osnovi organskih veziva (EN 15824:2009)
Specifications for external renders and internal plasters based on organic binders (EN 15824:2009)
- zamijenjena s: HRN EN 15824:2017

HZN/TO 211, *Geoinformacije/Geomatika*

HRS ISO/TS 19103:2013 en
Geoinformacije – Jezik konceptualne sheme (ISO/TS 19103:2005)
Geographic information – Conceptual schema language (ISO/TS 19103:2005)
- zamijenjena s: HRN ISO 19103:2017

HZN/TO 217, *Kozmetika*

HRN EN ISO 16212:2011 en
Kozmetika – Mikrobiologija – Brojenje kvasaca i plijesni (ISO 16212:2008; EN ISO 16212:2011)
Cosmetics – Microbiology – Enumeration of yeast and mould (ISO 16212:2008; EN ISO 16212:2011)
- zamijenjena s: HRN EN ISO 16212:2017

HRN EN ISO 18415:2011 en
Kozmetika – Mikrobiologija – Dokazivanje specifičnih i nespecifičnih mikroorganizama (ISO 18415:2007; EN ISO 18415:2011)
Cosmetics – Microbiology – Detection of specified and non-specified microorganisms (ISO 18415:2007; EN ISO 18415:2011)
- zamijenjena s: HRN EN ISO 18415:2017

HRN EN ISO 21148:2010 en
Kozmetika – Mikrobiologija – Opće upute za mikrobiološka ispitivanja (ISO 21148:2005; EN ISO 21148:2009)
Cosmetics – Microbiology – General instructions for microbiological examination (ISO 21148:2005; EN ISO 21148:2009)
- zamijenjena s: HRN EN ISO 21148:2017

HRN EN ISO 21149:2010 en
Kozmetika – Mikrobiologija – Brojenje i dokazivanje aerobnih mezofilnih bakterija (ISO 21149:2006; EN ISO 21149:2009)
Cosmetics – Microbiology – Enumeration and detection of aerobic mesophilic bacteria (ISO 21149:2006; EN ISO 21149:2009)
- zamijenjena s: HRN EN ISO 21149:2017

HZN/TO 218, *Drvo*

HRN EN 14915:2013 en
Zidne i stropne obloge od cjelovitoga drva – Značajke, ocjena sukladnosti i označavanje (EN 14915:2013)
Solid wood panelling and cladding – Characteristics, evaluation of conformity and marking (EN 14915:2013)
- zamijenjena s: HRN EN 14915:2017

HZN/TO 219, *Podne obloge*

HRN EN 1471:2004 en
Tekstilne podne obloge – Ocjena promjene izgleda (EN 1471:1996)
Textile floor coverings – Assessment of changes in appearance (EN 1471:1996)
- zamijenjena s: HRN EN ISO 9405:2017

HRN EN 1471:2004/A1:2008 en
Tekstilne podne obloge – Ocjena promjene izgleda (EN 1471:1996/A1:2003)
Textile floor coverings – Assessment of changes in appearance (EN 1471:1996/A1:2003)
- zamijenjena s: HRN EN ISO 9405:2017

HZN/TO 502, *Plinski uređaji*

HRN EN 297/A4:2005 en
Plinski kotlovi za centralno grijanje – Kotlovi vrste B11 i B11BS s atmosferskim plamenicima i nazivnim toplinskim opterećenjem jednakim ili manjim od 70 kW (EN 297:1994/A4:2004)
Gas-fired central heating boilers – Type B boilers fitted with atmospheric burners of nominal heat input not exceeding 70 kW (EN 297:1994/A4:2004)
- zamijenjena s: HRN EN 15502-2-2:2014

HRN EN 297/A6:2004 en
Plinski kotlovi za centralno grijanje – Kotlovi vrste B11 i B11BS s atmosferskim plamenicima i nazivnim toplinskim opterećenjem jednakim ili manjim od 70 kW (EN 297:1994/A6:2003)
Gas-fired central heating boilers – Type B11 and B11BS boilers, fitted with atmospheric burners of nominal heat input not exceeding 70 kW (EN 297:1994/A6:2003)
- zamijenjena s: HRN EN 15502-2-2:2014

HRN EN 297:2000 en
Plinski kotlovi za centralno grijanje – Kotlovi vrste B11 i B11BS s atmosferskim plamenicima i nazivnim toplinskim opterećenjem jednakim ili manjim od 70 kW (EN 297:1994+A2:1996+A3:1996+A5:1998)
Gas-fired central heating boilers – Type B11 and B11BS boilers fitted with atmospheric burners of nominal heat input not exceeding 70 kW (EN 297:1994+A2:1996+A3:1996+A5:1998)
- zamijenjena s: HRN EN 15502-2-2:2014

HRN EN 297:2000/A2:2000/Ispr.1:2008 en
Plinski kotlovi za centralno grijanje – Kotlovi vrste B11 i B11BS s atmosferskim plamenicima i nazivnim toplinskim opterećenjem jednakim ili manjim od 70 kW (EN 297:1994/A2:1996/AC:2006)
Gas-fired central heating boilers – Type B11 and B11BS boilers fitted with atmospheric burners of nominal heat input not exceeding 70 kW (EN 297:1994/A2:1996/AC:2006)
- zamijenjena s: HRN EN 15502-2-2:2014

HRN EN 625:2000 en
Plinski kotlovi za centralno grijanje – Posebni zahtjevi za pripremu vruće sanitarne vode kod kombi-kotlova s nazivnim toplinskim opterećenjem jednakim ili manjim od 70 kW (EN 625:1995)
Gas-fired central heating boilers – Specific requirements for the domestic hot water operation of combination boilers of nominal heat input not exceeding 70 kW (EN 625:1995)
- zamijenjena s: HRN EN 15502-2-2:2014

HRN EN 677:2000 en
Plinski kotlovi za centralno grijanje – Posebni zahtjevi za kondenzacijske kotlove s nazivnim toplinskim opterećenjem jednakim ili manjim od 70 kW (EN 677:1998)
Gas-fired central heating boilers – Specific requirements for condensing boilers with a nominal heat input not exceeding (EN 677:1998)
- zamijenjena s: HRN EN 15502-2-2:2014

HRN EN 1643:2004 en
Ventilski nadzorni sustavi za automatske zaporne ventile za plinske plamenike i plinske uređaje (EN 1643:2000)
Valve proving systems for automatic shut-off valves for gas burners and gas appliances (EN 1643:2000)
- zamijenjena s: HRN EN 1643:2014

HRN EN 15417:2008 en
Plinski kotlovi za centralno grijanje – Posebni zahtjevi za kondenzacijske kotlove s nazivnim toplinskim opterećenjem većim od 70 kW ali ne većim od 1000 kW (EN 15417:2006)
Gas-fired central heating boilers – Specific requirements for condensing boilers with a nominal heat input greater than 70 kW but not exceeding 1000 kW (EN 15417:2006)
- zamijenjena s: HRN EN 15502-2-2:2014

HZN/TO 503, *Metalni materijali*

HRN EN ISO 16120-1:2012 en
Valjana žica od nelegiranog čelika za vučenje u žicu – 1. dio: Opći zahtjevi (ISO 16120-1:2011; EN ISO 16120-1:2011)
Non-alloy steel wire rod for conversion to wire – Part 1: General requirements (ISO 16120-1:2011; EN ISO 16120-1:2011)
- zamijenjena s: HRN EN ISO 16120-1:2017

HRN EN ISO 16120-4:2012 en
Valjana žica od nelegiranog čelika za vučenje u žicu – 4. dio: Posebni zahtjevi za valjanu žicu za posebnu primjenu (ISO 16120-4:2011; EN ISO 16120-4:2011)
Non-alloy steel wire rod for conversion to wire – Part 4: Specific requirements for wire rod for special applications (ISO 16120-4:2011; EN ISO 16120-4:2011)
- zamijenjena s: HRN EN ISO 16120-4:2017

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

HRN EN 15257:2007 en
Katodna zaštita – Razine osposobljenosti i potvrđivanje osoblja koje se bavi katodnom zaštitom (EN 15257:2006)
Cathodic protection – Competence levels and certification of cathodic protection personnel (EN 15257:2006)
- zamijenjena s: HRN EN ISO 15257:2017

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

HRN EN ISO 16664:2008 en
Analiza plina – Postupanje s plinovima i plinskim smjesama za umjeravanje – Upute (ISO 16664:2004; EN ISO 16664:2008)
Gas analysis – Handling of calibration gases and gas mixtures – Guidelines (ISO 16664:2004; EN ISO 16664:2008)
- zamijenjena s: HRN EN ISO 16664:2017

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

HRN ISO 606:2004 en
Kratkočlani pogonski precizni valjčasti i tuljčasti lanci, nosive sile i pripadajući lančanici (ISO 606:2004)
Short-pitch transmission precision roller and bush chains, attachments and associated chain sprockets (ISO 606:2004)
- zamijenjena s: HRN ISO 606:2017

HRN ISO 4347:2004 en
Pločasti lanci, priključnici i glatki lančanici – Dimenzije, mjerne sile i prekidna čvrstoća (ISO 4347:2004)
Leaf chains, cleaves and sheaves – Dimensions, measuring forces and tensile strengths (ISO 4347:2004)
- zamijenjena s: HRN ISO 4347:2017

HRN ISO 15654:2004 en
Metoda ispitivanja dinamičke izdržljivosti pogonskih preciznih valjčastih lanaca (ISO 15654:2004)
Fatigue test method for transmission precision roller chains (ISO 15654:2004)
- zamijenjena s: HRN ISO 15654:2017

HZN/TO 531, Plastika i guma

HRN EN ISO 294-1:2004 en
Plastika – Injekcijsko prešani ispitnici plastomernih materijala – 1. dio: Opća načela i prešanje višenamjenskih ispitaka i štapića (ISO 294-1:1996+Amd 1:2001; EN ISO 294-1:1998+A1:2002)
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 1: General principles, and moulding of multipurpose and bar test specimens (ISO 294-1:1996+Amd 1:2001; EN ISO 294-1:1998+A1:2002)
- zamijenjena s: HRN EN ISO 294-1:2017

HRN EN ISO 5659-2:2013 en
Plastika – Stvaranje dima – 2. dio: Određivanje optičke gustoće jednodimenzionalnim ispitivanjem (ISO 5659-2:2012; EN ISO 5659-2:2012)
Plastics – Smoke generation – Part 2: Determination of optical density by a single-chamber test (ISO 5659-2:2012; EN ISO 5659-2:2012)
- zamijenjena s: HRN EN ISO 5659-2:2017

HRN EN ISO 6806:2014 en
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)
- zamijenjena s: HRN EN ISO 6806:2017

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-18:2004 en
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 18. dio: Ocjeđivanje veziva (EN 12697-18:2004)
Bituminous mixtures – Test methods for hot mix asphalt – Part 18: Binder drainage (EN 12697-18:2004)
- zamijenjena s: HRN EN 12697-18:2017

HRN EN 14187-1:2004 en
Hladne brtvne mase – 1. dio: Ispitna metoda za određivanje brzine otvrdnjivanja (EN 14187-1:2003)
Cold applied joint sealants – Part 1: Test method for the determination of rate of cure (EN 14187-1:2003)
- zamijenjena s: HRN EN 14187-1:2017

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

HRN EN 13141-3:2008 en
Ventilacija u zgradama – Ispitivanje značajki dijelova/proizvoda za ventilaciju stambenih zgrada – 3. dio: Otsisne nape za stanove (EN 13141-3:2004)
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 3: Range hoods for residential use (EN 13141-3:2004)
- zamijenjena s: HRN EN 13141-3:2017

HRN EN 15239:2008 en
Ventilacija u zgradama – Energijske značajke zgrada – Smjernice za provjeru ventilacijskih sustava (EN 15239:2007)
Ventilation for buildings – Energy performance of buildings – Guidelines for inspection of ventilation systems (EN 15239:2007)
- zamijenjena s: HRN EN 16798-17:2017

HRN EN 15240:2008 en
Ventilacija u zgradama – Energijske značajke zgrada – Smjernice za provjeru sustava pripreme zraka (EN 15240:2007)
Ventilation for buildings – Energy performance of buildings – Guidelines for inspection of air-conditioning systems (EN 15240:2007)
- zamijenjena s: HRN EN 16798-17:2017

HRN EN 15242:2008 en
Ventilacija u zgradama – Metode proračuna za određivanje protoka zraka u zgradama uključujući infiltraciju (EN 15242:2007)
Ventilation for buildings – Calculation methods for the determination of air flow rates in buildings including infiltration (EN 15242:2007)
- zamijenjena s: HRN EN 16798-7:2017

HRN EN 15243:2008 en
Ventilacija u zgradama – Proračun temperatura, opterećenja i energije u prostorijama zgrada sa sustavima klimatizacije prostora (EN 15243:2007)
Ventilation for buildings – Calculation of room temperatures and of load and energy for buildings with room conditioning systems (EN 15243:2007)
- zamijenjena s: HRI CEN/TR 16798-14:2017, HRN EN 16798-13:2017, HRN EN 16798-9:2017

HZN/TO 550, Opskrba vodom

HRN EN 1017:2014 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Polužareni dolomit (EN 1017:2014)
Chemicals used for treatment of water intended for human consumption – Half-burnt dolomite (EN 1017:2014)
- zamijenjena s: HRN EN 1017:2017

HZN/TO 551, Gradnja

HRN EN ISO 10563:2008 en
Gradnja zgrada – Brtvila – Određivanje promjene mase i obujma (ISO 10563:2005; EN ISO 10563:2005)
Building construction – Sealants – Determination of change in mass and volume (ISO 10563:2005; EN ISO 10563:2005)
- zamijenjena s: HRN EN ISO 10563:2017

HZN/TO 556, Osobna zaštitna oprema

HRN EN 1384:2012 en
Kacige za jahačke akrobatske aktivnosti (EN 1384:2012)
Helmets for equestrian activities (EN 1384:2012)
- zamijenjena s: HRN EN 1384:2017

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

HRN EN 1439:2008 en
Oprema i pribor za UNP – Postupak provjere boca za UNP prije, tijekom i nakon punjenja (EN 1439:2008)
LPG equipment and accessories – Procedure for checking LPG cylinders before, during and after filling (EN 1439:2008)
- zamijenjena s: HRN EN 1439:2017

HRN EN 1860-1:2013 en
Aparati, kruta goriva i sredstva za potpalu za roštiljanje
– 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja
(EN 1860-1:2013)
Appliances, solid fuels and firelighters for barbecueing
– Part 1: Barbecues burning solid fuels – Requirements and
test methods (EN 1860-1:2013)
- zamijenjena s: HRN EN 1860-1:2017

HRN EN 13952:2003 en
Boce za UNP – Postupci punjenja (EN 13952:2003)
LPG cylinders – Filling procedures (EN 13952:2003)
- zamijenjena s: HRN EN 13952:2017

HRN EN 13952:2003/A1:2008 en
Oprema i pribor za UNP – Postupci punjenja UNP boca
(EN 13952:2003/A1:2006)
LPG equipment and accessories – Filling procedures for LPG
cylinders (EN 13952:2003/A1:2006)
- zamijenjena s: HRN EN 13952:2017

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRS ISO/PAS 17001:2008 en
Ocjenjivanje sukladnosti – Nepristranost – Načela i zahtjevi
(ISO/PAS 17001:2005)
Conformity assessment – Impartiality – Principles and
requirements (ISO/PAS 17001:2005)
- bez zamjene

HRS ISO/PAS 17002:2008 en
Ocjenjivanje sukladnosti – Tajnost – Načela i zahtjevi
(ISO/PAS 17002:2004)
Conformity assessment – Confidentiality – Principles and
requirements (ISO/PAS 17002:2004)
- bez zamjene

HRS ISO/PAS 17003:2008 en
Ocjenjivanje sukladnosti – Prigovori i prizivi – Načela i zahtjevi
(ISO/PAS 17003:2004)
Conformity assessment – Complaints and appeals – Principles
and requirements (ISO/PAS 17003:2004)
- bez zamjene

HRS ISO/PAS 17004:2008 en
Ocjenjivanje sukladnosti – Otkrivanje informacija – Načela i
zahtjevi (ISO/PAS 17004:2005)
Conformity assessment – Disclosure of information
– Principles and requirements (ISO/PAS 17004:2005)
- bez zamjene

HRS ISO/PAS 17005:2010 en
Ocjenjivanje sukladnosti – Upotreba sustava upravljanja
– Načela i zahtjevi (ISO/PAS 17005:2008)
Conformity assessment – Use of management systems
– Principles and requirements (ISO/PAS 17005:2008)
- bez zamjene

HZN/TU I2, Strojstvo 2

HRN EN 15163:2008 en
Strojevi i uređaji za iskorištavanje i obradu prirodnog
kamenja – Sigurnosni zahtjevi za pile s dijamantnom sajmom
(EN 15163:2008)
Machines and installations for the exploitation and processing
of natural stone – Safety – Requirements for diamond wire
saws (EN 15163:2008)
- zamijenjena s: HRN EN 15163:2017

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

HRN EN ISO 11609:2011 en
Stomatologija – Zubne paste – Zahtjevi, metode ispitivanja i
označavanje (ISO 11609:2010; EN ISO 11609:2010)
Dentistry – Dentifrices – Requirements, test methods and
marking (ISO 11609:2010; EN ISO 11609:2010)
- zamijenjena s: HRN EN ISO 11609:2017

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

HRN EN 2714-013:2008 en
Nizovi o zrakoplovstvu – Kabeli, električni, jednožilni i višežilni
za opću upotrebu – Radna temperatura između –55 °C i
260 °C – 013. dio: DR porodica, Oklopljeni (spiralni) i
obloženi, ispisivanje pomoću UV lasera – Norma za proizvod
(EN 2714-013:2005)
Aerospace series – Cables, electrical, single and multicore
for general purpose – Operating temperatures between
– 55 °C and 260 °C – Part 013: DR family, screened
(spiral) and jacketed, UV laser printable – Product standard
(EN 2714-013:2005)
- zamijenjena s: HRN EN 2714-013:2017

HRN EN 2997-001:2011 en
Nizovi o zrakoplovstvu – Spojnice, električne, kružne,
opremljene s navojnim prstenom, otporne na vatru ili
neotporne na vatru, radne temperature –65 °C do 175 °C
neprekidno, 200 °C neprekidno, 260 °C vršno – 001. dio:
Tehnička specifikacija (EN 2997-001:2011)
Aerospace series – Connectors, electrical, circular, coupled
by threaded ring, fire-resistant or non fire-resistant,
operating temperatures –65 °C to 175 °C continuous, 200 °C
continuous, 260 °C peak – Part 001: Technical specification
(EN 2997-001:2011)
- zamijenjena s: HRN EN 2997-001:2017

HRN EN 4072:2016/Ispr.1:2017 en
Zrakoplovstvo – Vijci, sa 100° upuštenom normalnom glavom,
s ujednačenim križnim uredom, normalnog struka uske
tolerancije, kratkog navoja, od legure titana, prevučeni IVD
aluminijem – Klasifikacija: 1100 MPa (pri temperaturi okoline)
/ 425 °C (EN 4072:2016/AC:2017)
Aerospace series – Screws, 100° countersunk normal head,
offset cruciform recess, close tolerance shank, short thread
in titanium alloy, aluminium IVD coated – Classification:
1 100 MPa (at ambient temperature) / 425 °C
(EN 4072:2016/AC:2017)
- zamijenjena s: HRN EN 4072:2016/Ispr.2:2017

HRN EN 4674-003:2015 en
Zrakoplovstvo – Električni kabeli, ugradnja – Samoomatajuća,
oklopljena (EMI) zaštitna navlaka – Dio 003: Otvorena navlaka
– Unutarne područje pod kontroliranim tlakom – EMI zaštita
5 kA – Temperaturni raspon od –65 °C do 200 °C – Norma za
proizvod (EN 4674-003:2015)
Aerospace series – Electrical cables, installation – Self-
wrapping shielding (EMI) protective sleeve – Part 003: Open
sleeve – Inside pressurized area – EMI protection 5 kA
– Temperature range –65 °C to 200 °C – Product standard
(EN 4674-003:2015)
- zamijenjena s: HRN EN 4674-003:2017

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. Navedeni ispravci smatraju se
službenom informacijom i nisu nužno uključeni u norme koje su
prethodno objavljene.

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

- **umjesto**
HRN ISO 11784:2006
Radio-frekvencijsko označavanje životinja – Struktura koda
(ISO 11784:1996+Amd 1:2004)
Radio-frequency identification of animals – Code structure
(ISO 11784:1996+Amd 1:2004)

- **treba biti**
HRN ISO 11784:2006
Radiofrekvencijska identifikacija životinja – Struktura koda
(ISO 11784:1996+Amd 1:2004)
Radio-frequency identification of animals – Code structure
(ISO 11784:1996+Amd 1:2004)

- **umjesto**
HRN ISO 11785:2006
Radio-frekvencijska identifikacija životinja – Tehnički koncept (ISO 11785:1996)
Radio-frequency identification of animals – Technical concept (ISO 11785:1996)

- **treba biti**
HRN ISO 11785:2006
Radiofrekvencijska identifikacija životinja – Tehnički koncept (ISO 11785:1996)
Radio-frequency identification of animals – Technical concept (ISO 11785:1996)

HZN/TO 555, *Medicinski proizvodi*

- **umjesto**
HRN EN ISO 80369-6:2016
Spojnici malog promjera za tekućine i plinove **koji se upotrebljavaju** u zdravstvu – 6. dio: Spojnici za neuroaksijalnu primjenu (ISO 80369-6:2016, ispravljena verzija 2016-11-15; EN ISO 80369-6:2016)
Small bore connectors for liquids and gases in healthcare applications – Part 6: Connectors for neuraxial applications (ISO 80369-6:2016, Corrected version 2016-11-15; EN ISO 80369-6:2016)

- **treba biti**
HRN EN ISO 80369-6:2016
Spojnici malog promjera za tekućine i plinove **za primjenu** u zdravstvu – 6. dio: Spojnici za neuroaksijalnu primjenu (ISO 80369-6:2016, ispravljena verzija 2016-11-15; EN ISO 80369-6:2016)
Small bore connectors for liquids and gases in healthcare applications – Part 6: Connectors for neuraxial applications (ISO 80369-6:2016, Corrected version 2016-11-15; EN ISO 80369-6:2016)

HZN/TU U1, *Opća elektrotehnika 1*

- **umjesto**
HRS CLC/TS 50625-3-2:2016
Zahtjevi za prikupljanje, logistiku i obradu otpadne električne i elektroničke opreme (WEEE) – Dio 3-2: Tehnička specifikacija za uklanjanje onečišćenja – **Svjetiljke** (CLC/TS 50625-3-2:2016)
Collection, logistics & Treatment requirements for WEEE – Part 3-2: Technical specification for de-pollution – Lamps (CLC/TS 50625-3-2:2016)

- **treba biti**
HRS CLC/TS 50625-3-2:2016
Zahtjevi za prikupljanje, logistiku i obradu otpadne električne i elektroničke opreme (WEEE) – Dio 3-2: Tehnička specifikacija za uklanjanje onečišćenja – **Zarulje** (CLC/TS 50625-3-2:2016)
Collection, logistics & Treatment requirements for WEEE – Part 3-2: Technical specification for de-pollution – Lamps (CLC/TS 50625-3-2:2016)

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, koji nisu nužno uključeni u norme koje su prethodno objavljene. Obavijest o naslovima na hrvatskome jeziku smatra se službenom informacijom.

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

HRN EN 61000-4-14:2001/A2:2012
Elektromagnetska kompatibilnost (EMC) – Dio 4-14: Ispitne i mjerne tehnike – Ispitivanje otpornosti na kolebanje napona za opremu čija ulazna struja ne prelazi 16 A po fazi (IEC 61000-4-14:1999/am2:2009; EN 61000-4-14:1999/A2:2009)
Electromagnetic compatibility (EMC) – Part 4-14: Testing and measurement techniques – Voltage fluctuation immunity test for equipment with input current not exceeding 16 A per phase (IEC 61000-4-14:1999/am2:2009; EN 61000-4-14:1999/A2:2009)

HZN/TO T4, *Normizacija u telekomunikacijama*

HRN EN 301 178-1 V1.2.1:2009
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prenosiva VHF radiotelefonska oprema za pomorsku pokretnu službu u VHF pojasevima (samo za ne-GMDSS primjene) – Tehničke karakteristike i metode ispitivanja (EN 301 178-1 V1.2.1:2003)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only) – Part 1: Technical characteristics and methods of measurement (EN 301 178-1 V1.2.1:2003)

HRN EN 301 178-1 V1.3.1:2009
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Prenosiva VHF radiotelefonska oprema za pomorsku pokretnu službu u VHF pojasevima (samo za ne-GMDSS primjene) – Tehničke karakteristike i metode ispitivanja (EN 301 178-1 V1.3.1:2007)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only) – Part 1: Technical characteristics and methods of measurement (EN 301 178-1 V1.3.1:2007)

HRN EN 301 357 V1.1.1:2009
Elektromagnetska kompatibilnost i radiospektar (ERM) – Tehničke značajke i ispitne metode za analogne bežične širokopojasne audionaprave sa ugrađenim antenama koje rade u propisanom CEPT frekvencijskom području od 863 MHz do 865 MHz (EN 301 357 V1.1.1:1999)
ElectroMagnetic Compatibility and Radio Spectrum Matters (ERM) – Technical characteristics and test methods for analogue cordless wideband audio devices using integral antennas operating in the CEPT recommended 863 MHz to 865 MHz frequency range (EN 301 357 V1.1.1:1999)

HRN EN 301 357-1 V1.1.2:2009
Elektromagnetska kompatibilnost i radiospektar (ERM) – Analogne bežične širokopojasne audionaprave sa ugrađenim antenama koje rade u propisanom CEPT frekvencijskom području od 863 MHz do 865 MHz – 1. dio: Tehničke značajke i ispitne metode (EN 301 357-1 V1.1.2:2000)
ElectroMagnetic Compatibility and Radio Spectrum Matters (ERM) – Analogue cordless wideband audio devices using integral antennas operating in the CEPT recommended 863 MHz to 865 MHz frequency range – Part 1: Technical characteristics and test methods (EN 301 357-1 V1.1.2:2000)

HRN EN 301 357-1 V1.3.1:2009
Elektromagnetska kompatibilnost i radiospektar (ERM) – Bežične audionaprave u području od 25 MHz do 2 000 MHz – 1. dio: Tehničke značajke i ispitne metode (EN 301 357-1 V1.4.1:2008)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Cordless audio devices in the range 25 MHz to 2000 MHz – Part 1: Technical characteristics and test methods (EN 301 357-1 V1.3.1:2006)

HRN EN 301 357-1 V1.4.1:2009
Elektromagnetska kompatibilnost i radiospektar (ERM) – Bežične audionaprave u području od 25 MHz do 2 000 MHz – 1. dio: Tehničke značajke i ispitne metode (EN 301 357-1 V1.4.1:2008)
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Cordless audio devices in the range 25 MHz to 2000 MHz – Part 1: Technical characteristics and test methods (EN 301 357-1 V1.4.1:2008)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.17 Mjeriteljstvo i mjerenje. Fizikalne pojave (Rječnici)

Europska normizacija
CENELEC

EN 60051-1:2017
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 1: Definitions and general requirements common to all parts (IEC 60051-1:2016)

Međunarodna normizacija
ISO

ISO 18405:2017
Underwater acoustics – Terminology

01.040.25 Proizvodna tehnika (Rječnici)

Europska normizacija
CENELEC

EN 61511-1:2017
Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, system, hardware and application programming Requirements (IEC 61511-1:2016+Cor1:2016)

01.040.35 Informacijska tehnologija. Uredski strojevi (Rječnici)

Europska normizacija
CENELEC

EN 61511-1:2017
Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, system, hardware and application programming Requirements (IEC 61511-1:2016+Cor1:2016)

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Europska normizacija
CEN

EN 13967:2012+A1:2017
Flexible sheets for waterproofing – Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet – Definitions and characteristics

03.080.99 Ostale usluge

Međunarodna normizacija
ISO

ISO 18587:2017
Translation services – Post-editing of machine translation output – Requirements

03.100.10 Nabava. Opskrba. Logistika

Međunarodna normizacija
ISO

ISO 20400:2017
Sustainable procurement – Guidance

03.100.30 Upravljanje ljudskim resursima

Međunarodna normizacija
ISO/IEC

ISO/IEC TR 19788-11:2017
Information technology – Learning, education and training – Metadata for learning resources – Part 11: Migration from LOM to MLR

03.100.40 Istraživanje i razvoj

Međunarodna normizacija
ISO

ISO 21505:2017
Project, programme and portfolio management – Guidance on governance

03.100.70 Sustavi upravljanja

Međunarodna normizacija
ISO

ISO 10007:2017
Quality management – Guidelines for configuration management

ISO/IEC 27003:2017
Information technology – Security techniques – Information security management systems – Guidance

IEC

ISO/IEC 27003:2017
Information technology – Security techniques – Information security management systems – Guidance

03.120.10 Upravljanje kvalitetom i osiguravanje kvalitete

Međunarodna normizacija
ISO

ISO 10007:2017
Quality management – Guidelines for configuration management

03.120.30 Primjena statističkih metoda

Međunarodna normizacija
ISO

ISO 7870-8:2017
Control charts – Part 8: Charting techniques for short runs and small mixed batches

03.220.01 Prijevoz općenito

Međunarodna normizacija
ISO

ISO 24102-1:2013/Amd 1:2017
Intelligent transport systems – Communications access for land mobiles (CALM) – ITS station management – Part 1: Local management; Amendment 1

ISO 24102-3:2013/Amd 1:2017
Intelligent transport systems – Communications access for land mobiles (CALM) – ITS station management – Part 3: Service access points; Amendment 1

ISO 24102-5:2013/Amd 1:2017
Intelligent transport systems – Communications access for land mobiles (CALM) – ITS station management – Part 5: Fast service advertisement protocol (FSAP); Amendment 1

ISO 29281-1:2013/Amd 1:2017
Intelligent transport systems – Communication access for land mobiles (CALM) – Non-IP networking – Part 1: Fast networking & transport layer protocol (FNTP); Amendment 1

07.100.30 Mikrobiologija hrane

Međunarodna normizacija ISO

- ISO 10273:2017
Microbiology of the food chain – Horizontal method for the detection of pathogenic *Yersinia enterocolitica*
- ISO 16654:2001/Amd 1:2017
Microbiology of food and animal feeding stuffs – Horizontal method for the detection of *Escherichia coli* O157 – Amendment 1: Annex B: Result of interlaboratory studies
- ISO 22964:2017
Microbiology of the food chain – Horizontal method for the detection of *Cronobacter* spp.

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

- ISO 14708-3:2017
Implants for surgery – Active implantable medical devices – Part 3: Implantable neurostimulators

11.040.70 Oftalmološka oprema

Međunarodna normizacija ISO

- ISO 11979-8:2017
Ophthalmic implants – Intraocular lenses – Part 8: Fundamental requirements
- ISO/TR 22979:2017
Ophthalmic implants – Intraocular lenses – Guidance on assessment of the need for clinical investigation of intraocular lens design modifications

11.060.20 Stomatološka oprema

Međunarodna normizacija ISO

- ISO 9873:2017
Dentistry – Intra-oral mirrors

11.100.20 Biološko vrednovanje medicinskih proizvoda

Međunarodna normizacija ISO

- ISO 10993-4:2017
Biological evaluation of medical devices – Part 4: Selection of tests for interactions with blood

11.120.10 Lijekovi

Međunarodna normizacija ISO

- ISO 19610:2017
Traditional Chinese medicine – General requirements for industrial manufacturing process of red ginseng (Panax ginseng C.A. Meyer)

11.180.01 Pomagala za osobe s invaliditetom općenito

Europska normizacija CEN

- EN 16586-1:2017
Railway applications – Design for PRM use – Accessibility of persons with reduced mobility to rolling stock – Part 1: Steps for access and egress

- EN 16586-2:2017
Railway applications – Design for PRM use – Accessibility of persons with reduced mobility to rolling stock – Part 2: Boarding aids

11.180.15 Pomagala za gluhe i osobe oštećenog sluha

Međunarodna normizacija IEC

- IEC TR 63079:2017
Code of practice for hearing-loop systems (HLS)

13.020.20 Ekogospodarstvo

Međunarodna normizacija ISO

- ISO 20400:2017
Sustainable procurement – Guidance

13.040.50 Emisije plinova iz prijevoznih sredstava

Međunarodna normizacija ISO

- ISO 8178-1:2017
Reciprocating internal combustion engines – Exhaust emission measurement – Part 1: Test-bed measurement systems of gaseous and particulate emissions
- ISO 8178-4:2017
Reciprocating internal combustion engines – Exhaust emission measurement – Part 4: Steady-state and transient test cycles for different engine applications

13.060.45 Ispitivanje vode općenito (uključujući uzorkovanje)

Međunarodna normizacija ISO

- ISO 5667-16:2017
Water quality – Sampling – Part 16: Guidance on biotesting of samples

13.140 Utjecaj buke na ljude

Međunarodna normizacija IEC

- IEC 61252:1993/Amd2:2017
Amendment 2 – Electroacoustics – Specifications for personal sound exposure meters
- IEC 61252:1993+Amd1:2000+Amd2:2017
Electroacoustics – Specifications for personal sound exposure meters

13.160 Utjecaj vibracija i udara na ljude

Međunarodna normizacija ISO

- ISO 28927-1:2009/Amd 1:2017
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 1: Angle and vertical grinders – Amendment 1: Cupped wire brushes

13.180 Ergonomija

Međunarodna normizacija ISO

- ISO 9241-333:2017
Ergonomics of human-system interaction – Part 333: Stereoscopic displays using glasses

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Međunarodna normizacija ISO

- ISO 4589-1:2017
Plastics – Determination of burning behaviour by oxygen index – Part 1: General requirements
- ISO 4589-2:2017
Plastics – Determination of burning behaviour by oxygen index – Part 2: Ambient-temperature test
- ISO 4589-3:2017
Plastics – Determination of burning behaviour by oxygen index – Part 3: Elevated-temperature test

13.220.50 Vatrootpornost građevnih materijala i elemenata

Europska normizacija CEN

- EN 1366-10:2011+A1:2017
Fire resistance tests for service installations – Part 10: Smoke control dampers

13.260 Zaštita od električnog udara. Rad pod naponom

Međunarodna normizacija IEC

- IEC TR 61328:2017
Live working – Guidelines for the installation of transmission and distribution line conductors and earth wires – Stringing equipment and accessory item

17.020 Mjeriteljstvo i mjerenje općenito

Međunarodna normizacija ISO

- ISO 21748:2017
Guidance for the use of repeatability, reproducibility and trueness estimates in measurement uncertainty evaluation

17.140.01 Akustička mjerenja i smanjenje buke općenito

Međunarodna normizacija ISO

- ISO 3745:2012/Amd 1:2017
Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Precision methods for anechoic rooms and hemi-anechoic rooms; Amendment 1
- ISO 18405:2017
Underwater acoustics – Terminology
- ISO 26101:2017
Acoustics – Test methods for the qualification of free-field environments

17.140.20 Buka koju proizvode strojevi i oprema

Međunarodna normizacija IEC

- IEC 60704-2-3:2017
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-3: Particular requirements for dishwashers

17.140.30 Buka koju proizvode prijevozna sredstva

Međunarodna normizacija ISO

- ISO 11819-2:2017
Acoustics – Measurement of the influence of road surfaces on traffic noise – Part 2: The close-proximity method
- ISO 18405:2017
Underwater acoustics – Terminology
- ISO 18406:2017
Underwater acoustics – Measurement of radiated underwater sound from percussive pile driving

17.140.50 Elektroakustika

Međunarodna normizacija IEC

- IEC 60500:2017
Underwater acoustics – Hydrophones – Properties of hydrophones in the frequency range 1 Hz to 500 kHz
- IEC 61252:1993/Amd2:2017
Amendment 2 – Electroacoustics – Specifications for personal sound exposure meters
- IEC 61252:1993+Amd1:2000+Amd2:2017
Electroacoustics – Specifications for personal sound exposure meters
- IEC 61260-2:2016/Amd1:2017
Amendment 1 – Electroacoustics – Octave-band and fractional-octave band filters – Part 2: Pattern evaluation tests
- IEC 61260-2:2016+Amd1:2017
Electroacoustics – Octave-band and fractional-octave band filters – Part 2: Pattern evaluation tests
- IEC 61672-2:2013/Amd1:2017
Amendment 1 – Electroacoustics – Sound level meters – Part 2: Pattern evaluation tests
- IEC 61672-2:2013+Amd1:2017
Electroacoustics – Sound level meters – Part 2: Pattern evaluation tests
- IEC TR 63079:2017
Code of practice for hearing-loop systems (HLS)

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija CENELEC

- EN 60051-1:2017
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 1: Definitions and general requirements common to all parts (IEC 60051-1:2016)
- EN 62052-11:2003/A1:2017
Electricity metering equipment (AC) – General requirements, tests and test conditions – Part 11: Metering equipment (IEC 62052-11:2003/Amd1:2016)
- EN 62053-23:2003/A1:2017
Electricity metering equipment (a.c.) – Particular requirements – Part 23: Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2003/Amd1:2016)
- EN 62053-24:2015/A1:2017
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 62053-24:2014/Amd1:2016)

19.120 Analiza veličine čestica.Prosijavanje

Međunarodna normizacija
ISO

ISO 20998-3:2017
Measurement and characterization of particles by acoustic methods – Part 3: Guidelines for non-linear theory

21.100.10 Klizni ležajevi

Međunarodna normizacija
ISO

ISO 10129:2017
Plain bearings – Testing of bearing metals – Resistance to corrosion by lubricants under static conditions

ISO 12308:2017
Plain bearings – Quality assurance of sample types – Definitions, applications and testing

ISO 13778:2017
Plain bearings – Quality assurance of thin-walled half bearings – Selective assembly of bearings to achieve a narrow clearance range

21.100.20 Valjni ležajevi

Međunarodna normizacija
ISO

ISO 15243:2017
Rolling bearings – Damage and failures – Terms, characteristics and causes

21.200 Zupčanici

Međunarodna normizacija
ISO

ISO 14104:2017
Gears – Surface temper etch inspection after grinding, chemical method

21.220.10 Remenski pogon i njegovi sastavni dijelovi

Međunarodna normizacija
ISO

ISO 5295:2017
Synchronous belts – Calculation of power rating and drive centre distance

23.020.40 Kriogeničke posude

Međunarodna normizacija
ISO

ISO 23208:2017
Cryogenic vessels – Cleanliness for cryogenic service

23.040.01 Cjevovodne sastavni dijelovi i cjevovodi općenito

Europska normizacija
CEN

EN 13480-4:2012/A4:2017
Metallic industrial piping – Part 4: Fabrication and installation

EN 13480-5:2012/A3:2017
Metallic industrial piping – Part 5: Inspection and testing

23.040.05 Cjevovodi i dijelovi za vanjske kanalizacijske sustave

Europska normizacija
CEN

EN 752:2017
Drain and sewer systems outside buildings – Sewer system management

23.100.01 Sustavi za hidraulički i pneumatski prijenos energije općenito

Međunarodna normizacija
ISO

ISO/TR 16194:2017
Pneumatic fluid power – Assessment of component reliability by accelerated life testing – General guidelines and procedures

23.100.99 Ostali sastavni dijelovi sustava za hidraulični i pneumatski prijenos energije

Europska normizacija
CEN

EN 14359:2017
Gas-loaded accumulators for fluid power applications

25.040.01 Sustavi industrijske automatizacije općenito

Međunarodna normizacija
ISO

ISO 20140-5:2017
Automation systems and integration – Evaluating energy efficiency and other factors of manufacturing systems that influence the environment – Part 5: Environmental performance evaluation data

ISO 22400-2:2014/Amd 1:2017
Automation systems and integration – Key performance indicators (KPIs) for manufacturing operations management – Part 2: Definitions and descriptions – Amendment 1: Key performance indicators for energy management

IEC

ISO 20140-5:2017
Automation systems and integration – Evaluating energy efficiency and other factors of manufacturing systems that influence the environment – Part 5: Environmental performance evaluation data

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Europska normizacija
CENELEC

EN 61010-2-202:2017
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-202: Particular requirements for electrically operated valve actuators (IEC 61010-2-202:2016)

EN 61511-1:2017
Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, system, hardware and application programming Requirements (IEC 61511-1:2016+Cor1:2016)

EN 61511-2:2017
Functional safety – Safety instrumented systems for the process industry sector – Part 2: Guidelines for the application of IEC 61511-1 (IEC 61511-2:2016)

EN 61511-3:2017
Functional safety – Safety instrumented systems for the process industry sector – Part 3: Guidance for the determination of the required safety integrity levels (IEC 61511-3:2016)

EN 61987-11:2017
Industrial-process measurement and control – Data structures and elements in -process equipment catalogues – Part 11: Lists of properties (LOPs) of measuring equipment for electronic data exchange – Generic structures (IEC 61987-11:2016)

EN 61987-16:2017
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 16: Lists of properties (LOPs) for density measuring equipment for electronic data exchange (IEC 61987-16:2016)

25.060.20 Diobene i stezne naprave za alat i obradak

Međunarodna normizacija
ISO

ISO 26622-1:2017
Modular taper interface with ball track system – Part 1: Dimensions and designation of shanks

25.140.10 Pneumatski alati

Međunarodna normizacija
ISO

ISO 28927-1:2009/Amd 1:2017
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 1: Angle and vertical grinders – Amendment 1: Cupped wire brushes

25.140.30 Ručno pokretani alati

Međunarodna normizacija
ISO

ISO 4229:2017
Assembly tools for screws and nuts – Single-head engineer's wrenches for lower torque applications – Maximum outside dimensions of heads and test torques

25.160.01 Zavarivanje, meko i tvrdo lemljenje općenito

Međunarodna normizacija
ISO

ISO 19828:2017
Welding for aerospace applications – Visual inspection of welds

25.160.20 Dodatni i potrošni materijali za zavarivanje

Međunarodna normizacija
ISO

ISO 3580:2017
Welding consumables – Covered electrodes for manual metal arc welding of creep-resisting steels – Classification

25.160.50 Tvrdo i meko lemljenje

Europska normizacija
CENELEC

EN 62739-3:2017
Test method for erosion of wave soldering equipment using molten lead-free solder alloy – Part 3: Selection guidance of erosion test methods (IEC 62739-3:2017)

25.220.40 Metalne prevlake

Međunarodna normizacija
ISO

ISO 14713-1:2017
Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 1: General principles of design and corrosion resistance

ISO 14713-3:2017
Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 3: Sherardizing

27.010 Tehnika prijenosa energije i topline općenito

Međunarodna normizacija
IEC

IEC 62325-451-4:2017
Framework for energy market communications – Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market

27.015 Energijska učinkovitost. Očuvanje energije općenito

Europska normizacija
CENELEC

CLC/TR 50600-99-1:2017
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management

27.020 Motori s unutrašnjim izgaranjem

Međunarodna normizacija
ISO

ISO 8178-1:2017
Reciprocating internal combustion engines – Exhaust emission measurement – Part 1: Test-bed measurement systems of gaseous and particulate emissions

ISO 8178-4:2017
Reciprocating internal combustion engines – Exhaust emission measurement – Part 4: Steady-state and transient test cycles for different engine applications

27.070 Gorivi članci

Međunarodna normizacija
IEC

IEC 62282-4-102:2017
Fuel cell technologies – Part 4-102: Fuel cell power systems for industrial electric trucks – Performance test methods

27.160 Solarna energetika

Europska normizacija
CEN

EN 15316-4-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-3: Heat generation systems, thermal solar and photovoltaic systems, Module M3-8-3, M8-8-3, M11-8-3

CEN/TR 15316-6-1:2017
Energy performance of buildings- Method for calculation of system energy requirements and system efficiencies – Part 6-1: Explanation and justification of EN 15316-1, Module M3-1, M3-4, M3-9, M8-1, M8-4

CEN/TR 15316-6-6:2017

Energy performance of buildings – Method for calculation of system energy performance and system efficiencies – Part 6-6: Explanation and justification of EN 15316-4-3, Module M3-8-3, M8-8-3

CEN/TR 15316-6-7:2017

Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-7: Explanation and justification of EN 15316-4-4, Module M8-3-4, M8-8-4, M8-11-4

CEN/TR 15316-6-9:2017

Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-9: Explanation and justification of EN 15316-4-8, Module M3-8-8

CENELEC

EN 61215-2:2017

Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures (IEC 61215-2:2016)

Međunarodna normizacija IEC

IEC 60364-7-712:2017

Low voltage electrical installations – Part 7-712: Requirements for special installations or locations – Solar photovoltaic (PV) power supply systems

27.180 Sustavi vjetroagregata

Europska normizacija CENELEC

EN 61400-25-6:2017

Wind energy generation systems – Part 25-6: Communications for monitoring and control of wind power plants – Logical node classes and data classes for condition monitoring (IEC 61400-25-6:2016)

27.190 Biološki izvori i alternativni izvori energije

Međunarodna normizacija ISO

ISO 14780:2017

Solid biofuels – Sample preparation

ISO 18125:2017

Solid biofuels – Determination of calorific value

ISO 19743:2017

Solid biofuels – Determination of content of heavy extraneous materials larger than 3,15 mm

29.030 Magnetni materijali

Europska normizacija CENELEC

EN 60404-8-6:2017

Magnetic materials – Part 8-6: Specifications for individual materials – Soft magnetic metallic materials (IEC 60404-8-6:2016)

29.035.20 Plastični i gumeni izolacijski materijali

Europska normizacija CENELEC

EN 60674-3-8:2011/A1:2017

Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 8: Balanced biaxially oriented polyethylene naphthalate (PEN) films used for electrical insulation (IEC 60674-3-8:2011/Amd1:2016)

29.060.10 Žice

Europska normizacija CENELEC

EN 60317-67:2017

Specifications for particular types of winding wires – Part 67: Polyvinyl acetal enamelled rectangular aluminium wire, class 105 (IEC 60317-67:2017)

EN 60317-68:2017

Specifications for particular types of winding wires – Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120 (IEC 60317-68:2017)

EN 60317-69:2017

Specifications for particular types of winding wires – Part 69: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 220 (IEC 60317-69:2017)

29.060.20 Kabeli

Međunarodna normizacija IEC

IEC 60287-2-3:2017

Electric cables – Calculation of the current rating – Part 2-3: Thermal resistance – Cables installed in ventilated tunnels

29.080.30 Izolacijski sustavi

Europska normizacija CENELEC

EN 61857-31:2017

Electrical insulation systems – Procedures for thermal evaluation – Part 31: Applications with a designed life of 5 000 h or less (IEC 61857-31:2017)

29.100.10 Magnetski sastavni dijelovi

Europska normizacija CENELEC

EN 62211:2017

Inductive components – Reliability management (IEC 62211:2017)

29.120.10 Zaštitne cijevi za električne potrebe

Međunarodna normizacija IEC

IEC 61386-1:2008/AMD1:2017

Conduit systems for cable management – Part 1: General requirements

IEC 61386-1:2008+AMD1:2017

Conduit systems for cable management – Part 1: General requirements

29.120.20 Naprave za povezivanje

Međunarodna normizacija IEC

IEC 60570:2003/AMD1:2017

Amendment 1 – Electrical supply track systems for luminaires

IEC 60570:2003+AMD1:2017

Electrical supply track systems for luminaires

29.120.99 Ostali električni pribor

Europska normizacija CENELEC

EN 61242:1997/A13:2017

Electrical accessories – Cable reels for household and similar purposes

29.140.10 Kape i držači svjetiljki

Europska normizacija CENELEC

- EN 60061-1:1993/A55:2017
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/A55:2016)
- EN 60838-1:2017
Miscellaneous lampholders – Part 1: General requirements and tests (IEC 60838-1:2016)
- EN 60838-2-3:2017
Miscellaneous lampholders – Part 2-3: Particular requirements – Lampholders for double-capped linear LED lamps (IEC 60838-2-3:2016)

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Europska normizacija CENELEC

- EN 62532:2011/A1:2017
Fluorescent induction lamps – Safety specifications (IEC 62532:2011/Amd1:2016)

29.140.40 Rasvjetna tijela

Međunarodna normizacija IEC

- IEC 60570:2003/AMD1:2017
Amendment 1 – Electrical supply track systems for luminaires
- IEC 60570:2003+AMD1:2017
Electrical supply track systems for luminaires
- IEC 60598-2-4:2017
Luminaires – Part 2-4: Particular requirements – Portable general purpose luminaire

29.140.50 Rasvjetni instalacijski sustavi

Međunarodna normizacija IEC

- IEC 60570:2003/AMD1:2017
Amendment 1 – Electrical supply track systems for luminaires
- IEC 60570:2003+AMD1:2017
Electrical supply track systems for luminaires

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

- EN 61347-2-3:2011/A1:2017
Lamp control gear – Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps (IEC 61347-2-3:2011/Amd1:2016)
- EN 61347-2-13:2014/A1:2017
Lamp control gear – Part 2-13: Particular requirements for d.c. or a.c. supplied electronic control gear for LED modules (IEC 61347-2-13:2014/Amd1:2016)
- EN 61995-1:2008/A1:2017
Devices for the connection of luminaires for household and similar purposes – Part 1: General requirements (IEC 61995-1:2005/Amd1:2016)

29.160.30 Motori

Europska normizacija CENELEC

- EN 61800-5-1:2007/A1:2017
Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy (IEC 61800-5-1:2007/Amd1:2016)
- EN 61800-5-2:2017
Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Functional (IEC 61800-5-2:2016)

29.180 Transformatori. Prigušnice

Europska normizacija CENELEC

- EN 62211:2017
Inductive components – Reliability management (IEC 62211:2017)

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Europska normizacija CENELEC

- EN 62924:2017
Railway applications – Fixed installations – Stationary energy storage system for DC traction systems (IEC 62924:2017)

29.220.01 Galvanski članci i baterije općenito

Europska normizacija CENELEC

- EN 62281:2017
Safety of primary and secondary lithium cells and batteries during transport (IEC 62281:2016)

29.240.20 Vodovi za prijenos i razdiobu električne energije

Međunarodna normizacija IEC

- IEC TR 61328:2017
Live working – Guidelines for the installation of transmission and distribution line conductors and earth wires – Stringing equipment and accessory item

29.240.99 Ostala oprema koja se upotrebljava u mrežama za prijenos i razdiobu električne energije

Međunarodna normizacija IEC

- IEC 61954:2011/Amd2:2017
Amendment 2 – Static var compensators (SVC) – Testing of thyristor valves
- IEC 61954:2011+Amd1:2013+Amd2:2017
Static var compensators (SVC) – Testing of thyristor valves

29.260.20 Električni uređaji za eksplozivnu atmosferu

Europska normizacija CENELEC

- EN 60079-30-1:2017
Explosive atmospheres – Part 30-1: Electrical resistance trace heating – General and testing requirements (IEC/IEEE 60079-30-1:2015, modified)

29.260.99 Ostala električna oprema za rad u posebnim uvjetima

Međunarodna normizacija IEC

IEC TR 61328:2017
Live working – Guidelines for the installation of transmission and distribution line conductors and earth wires – Stringing equipment and accessory item

29.280 Oprema za električnu vuču

Europska normizacija CENELEC

EN 62924:2017
Railway applications – Fixed installations – Stationary energy storage system for DC traction systems (IEC 62924:2017)

31.060.70 Energetski kondenzatori

Međunarodna normizacija IEC

IEC 60143-1:2015/COR1:2017
Corrigendum 1 – Series capacitors for power systems – Part 1: General

31.080.01 Poluvodičke naprave općenito

Međunarodna normizacija IEC

IEC 60749-5:2017
Semiconductor devices – Mechanical and climatic test methods – Part 5: Steady-state temperature humidity bias life test

IEC 62951-1:2017
Semiconductor devices – Flexible and stretchable semiconductor devices – Part 1: Bending test method for conductive thin films on flexible substrates

31.080.20 Tiristori

Međunarodna normizacija IEC

IEC 61954:2011/Amd2:2017
Amendment 2 – Static var compensators (SVC) – Testing of thyristor valves

IEC 61954:2011+Amd1:2013+Amd2:2017
Static var compensators (SVC) – Testing of thyristor valves

31.140 Piezoelektrične naprave

Europska normizacija CENELEC

EN 60444-8:2017
Measurement of quartz crystal unit parameters – Part 8: Test fixture for surface mounted quartz crystal units (IEC 60444-8:2016)

31.180 Tiskani krugovi i pločice

Međunarodna normizacija IEC

IEC 61188-7:2017
Printed boards and printed board assemblies – Design and use – Part 7: Electronic component zero orientation for CAD library construction

31.190 Sklopovi elektroničkih sastavnih dijelova

Međunarodna normizacija IEC

IEC 61188-7:2017
Printed boards and printed board assemblies – Design and use – Part 7: Electronic component zero orientation for CAD library construction

IEC 62090:2017
Product package labels for electronic components using bar code and two-dimensional symbologies

31.200 Integrirani krugovi. Mikroelektronika

Europska normizacija CENELEC

EN 62435-1:2017
Electronic components – Long-term storage of electronic semiconductor devices – Part 1: General (IEC 62435-1:2017)

EN 62435-2:2017
Electronic components – Long-term storage of electronic semiconductor devices – Part 2: Deterioration mechanisms (IEC 62435-2:2017)

EN 62435-5:2017
Electronic components – Long-term storage of electronic semiconductor devices – Part 5: Die and wafer devices (IEC 62435-5:2017)

Međunarodna normizacija IEC

IEC 62090:2017
Product package labels for electronic components using bar code and two-dimensional symbologies

31.220.01 Elektromehanički sastavni dijelovi općenito

Međunarodna normizacija IEC

IEC 62951-1:2017
Semiconductor devices – Flexible and stretchable semiconductor devices – Part 1: Bending test method for conductive thin films on flexible substrates

31.240 Mehaničke konstrukcije za elektroničku opremu

Europska normizacija CENELEC

EN 61587-1:2017
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks, subracks and chassis under indoor condition use and transportation (IEC 61587-1:2016)

33.040.20 Prijenosni sustavi

Europska normizacija CENELEC

EN 61970-301:2017
Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2016)

33.040.99 Ostala oprema za komunikacijske sustave

Međunarodna normizacija IEC

IEC 62766-4-2:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 4-2: Examples of IPTV protocol sequences

33.050.01 Telekomunikacijska terminalna oprema općenito

Europska normizacija ETSI

ETSI EN 303 423 V1.1.1:2017
Environmental Engineering (EE); Electrical and electronic household and office equipment; Measurement of networked standby power consumption of Interconnecting equipment; Harmonised Standard covering the measurement method for EC Regulation 1275/2008 amended by EU Regulation 801/2013

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija ETSI

ETSI EN 301 178 V2.2.2:2017
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only); Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 301 908-3 V11.1.3 (2017)
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)

ETSI EN 301 908-18 V11.1.2 (2017)
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)

ETSI EN 302 018 V2.1.1:2017
Transmitting equipment for the Frequency Modulated (FM) sound broadcasting service; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.060.99 Ostala oprema za radiokomunikacije

Europska normizacija ETSI

ETSI EN 303 146-4 V1.1.2:2017
Reconfigurable Radio Systems (RRS); Mobile Device (MD) information models and protocols; Part 4: Radio Programming Interface (RPI)

33.070.01 Usluge pokretne mreže općenito

Europska normizacija ETSI

ETSI EN 301 908-3 V11.1.3 (2017)
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)

ETSI EN 301 908-18 V11.1.2 (2017)
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)

33.070.99 Ostale pokretne službe

Europska normizacija ETSI

ETSI EN 301 178 V2.2.2:2017
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only); Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 303 146-4 V1.1.2:2017
Reconfigurable Radio Systems (RRS); Mobile Device (MD) information models and protocols; Part 4: Radio Programming Interface (RPI)

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija CENELEC

EN 55016-2-3:2017
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements (CISPR 16-2-3:2016)

ETSI

ETSI EN 301 178 V2.2.2:2017
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only); Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 301 908-3 V11.1.3:2017
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)

ETSI EN 302 017 V2.1.1:2017
Transmitting equipment for the Amplitude Modulated (AM) sound broadcasting service; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.100.10 Zračenje

Europska normizacija CENELEC

EN 55011:2016/A1:2017
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement (CISPR 11:2015/Amd1:2016)

EN 55014-1:2017
Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission (CISPR 14-1:2016+Cor1:2016)

ETSI

ETSI EN 301 908-3 V11.1.3:2017
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)

Međunarodna normizacija IEC

IEC 61000-3-11:2017
Electromagnetic compatibility (EMC) – Part 3-11: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems – Equipment with rated current ≤ 75 A and subject to conditional connection

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Europska normizacija CENELEC

EN 62827-3:2017
Wireless power transfer – Management – Part 3: Multiple source control management (IEC 62827-3:2016)

33.160.99 Ostala audiooprema, videooprema i audiovizualna oprema

Međunarodna normizacija IEC

IEC 62394:2017
Service diagnostic interface for consumer electronics products and networks – Implementation for ECHONET

33.170 Televizijski i radijski prijenos

Europska normizacija CENELEC

EN 62766-2-1:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 2-1: Media formats (IEC 62766-2-1:2016)

EN 62766-2-2:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 2-2: HTTP adaptive streaming (IEC 62766-2-2:2016)

EN 62766-3:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 3: Content metadata (IEC 62766-3:2016)

ETSI

ETSI EN 300 472 V1.4.1:2017
Digital Video Broadcasting (DVB); Specification for conveying ITU-R System B Teletext in DVB bitstreams

ETSI EN 302 017 V2.1.1:2017
Transmitting equipment for the Amplitude Modulated (AM) sound broadcasting service; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 302 018 V2.1.1:2017
Transmitting equipment for the Frequency Modulated (FM) sound broadcasting service; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ETSI EN 303 146-4 V1.1.2:2017
Reconfigurable Radio Systems (RRS); Mobile Device (MD) information models and protocols; Part 4: Radio Programming Interface (RPI)

Međunarodna normizacija IEC

IEC 62766-4-2:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 4-2: Examples of IPTV protocol sequences

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija CENELEC

EN 60793-1-1:2017
Optical fibres – Part 1-1: Measurement methods and test procedures – General and guidance (IEC 60793-1-1:2017)

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Međunarodna normizacija IEC

IEC 61968-3:2017
Application integration at electric utilities – System interfaces for distribution management – Part 3: Interface for network operations

IEC 62056-8-6:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 8-6: High speed PLC ISO/IEC 12139-1 profile for neighbourhood networks

IEC 62325-451-4:2017
Framework for energy market communications – Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market

35.020 Informacijska tehnologija (IT) općenito

Europska normizacija CENELEC

CLC/TR 50600-99-1:2017
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management

EN 60950-22:2017
Information technology equipment – Safety – Part 22: Equipment to be installed outdoors (IEC 60950-22:2016)

35.030 Sigurnost u informacijskoj tehnologiji

Međunarodna normizacija ISO/IEC

ISO/IEC 24759:2017
Information technology – Security techniques – Test requirements for cryptographic modules

ISO/IEC 27003:2017
Information technology – Security techniques – Information security management systems – Guidance

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijskih i hipermedijskih informacija

Međunarodna normizacija ISO/IEC

ISO/IEC 14496-12:2015/Amd 1:2017
Information technology – Coding of audio-visual objects – Part 12: ISO base media file format – Amendment 1: DRC Extensions

35.040.50 Tehnike automatskog prepoznavanja i preuzimanja podataka

Međunarodna normizacija IEC

IEC 62090:2017
Product package labels for electronic components using bar code and two-dimensional symbologies

35.040.99 Ostale norme koje se odnose na kodiranje informacija

Europska normizacija CENELEC

EN 61987-16:2017
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 16: Lists of properties (LOPs) for density measuring equipment for electronic data exchange (IEC 61987-16:2016)

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Međunarodna normizacija ISO/IEC

ISO/IEC 19514:2017
Information technology – Object management group systems modeling language (OMG SysML)

35.100.20 Sloj veze između podataka

Europska normizacija CENELEC

EN 61987-11:2017
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 11: Lists of properties (LOPs) of measuring equipment for electronic data exchange – Generic structures (IEC 61987-11:2016)

35.100.30 Mrežni sloj

Međunarodna normizacija ISO/IEC

ISO/IEC TR 29181-8:2017
Information technology – Future Network – Problem statement and requirements – Part 8: Quality of Service

ISO/IEC TR 29181-9:2017
Information technology – Future Network – Problem statement and requirements – Part 9: Networking of everything

35.110 Umrežavanje

Europska normizacija CENELEC

CLC/TR 50600-99-1:2017
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management

Međunarodna normizacija IEC

IEC 62394:2017
Service diagnostic interface for consumer electronics products and networks – Implementation for ECHONET

35.160 Mikroprocesorski sustavi

Europska normizacija CENELEC

CLC/TR 50600-99-1:2017
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management

35.180 Terminalna i druga vanjska oprema informacijske tehnologije

Međunarodna normizacija ISO

ISO 9241-333:2017
Ergonomics of human-system interaction – Part 333: Stereoscopic displays using glasses

35.240.15 Identifikacijske kartice i pripadajuće naprave

Međunarodna normizacija ISO/IEC

ISO/IEC 11695-3:2017
Identification cards – Optical memory cards – Holographic recording method – Part 3: Optical properties and characteristics

ISO/IEC 18013-3:2017
Information technology – Personal identification – ISO-compliant driving licence – Part 3: Access control, authentication and integrity validation

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Europska normizacija CENELEC

EN 61987-16:2017
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 16: Lists of properties (LOPs) for density measuring equipment for electronic data exchange (IEC 61987-16:2016)

Međunarodna normizacija ISO

ISO 18587:2017
Translation services – Post-editing of machine translation output – Requirements

35.240.50 Primjene IT-a u industriji

Europska normizacija CENELEC

EN 61511-1:2017
Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, system, hardware and application programming Requirements (IEC 61511-1:2016+Cor1:2016)

EN 61511-2:2017
Functional safety – Safety instrumented systems for the process industry sector – Part 2: Guidelines for the application of IEC 61511-1 (IEC 61511-2:2016)

EN 61511-3:2017
Functional safety – Safety instrumented systems for the process industry sector – Part 3: Guidance for the determination of the required safety integrity levels (IEC 61511-3:2016)

EN 61970-301:2017
Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2016)

EN 61987-11:2017
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 11: Lists of properties (LOPs) of measuring equipment for electronic data exchange – Generic structures (IEC 61987-11:2016)

EN 61987-16:2017
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 16: Lists of properties (LOPs) for density measuring equipment for electronic data exchange (IEC 61987-16:2016)

Međunarodna normizacija IEC

IEC 62325-451-4:2017
Framework for energy market communications – Part 451-4:
Settlement and reconciliation business process, contextual
and assembly models for European market

35.240.60 Primjene IT-a u prijevozu i trgovini

Međunarodna normizacija ISO

ISO 24102-1:2013/Amd 1:2017
Intelligent transport systems – Communications access for
land mobiles (CALM) – ITS station management – Part 1:
Local management; Amendment 1

ISO 24102-3:2013/Amd 1:2017
Intelligent transport systems – Communications access for
land mobiles (CALM) – ITS station management – Part 3:
Service access points; Amendment 1

ISO 24102-5:2013/Amd 1:2017
Intelligent transport systems – Communications access for
land mobiles (CALM) – ITS station management – Part 5:
Fast service advertisement protocol (FSAP); Amendment 1

ISO 29281-1:2013/Amd 1:2017
Intelligent transport systems – Communication access for
land mobiles (CALM) – Non-IP networking – Part 1: Fast
networking & transport layer protocol (FNTTP); Amendment 1

35.240.63 IT aplikacije za trgovinu

Međunarodna normizacija IEC

IEC 61000-3-11:2017
Electromagnetic compatibility (EMC) – Part 3-11: Limits
– Limitation of voltage changes, voltage fluctuations and
flicker in public low-voltage supply systems – Equipment with
rated current ≤ 75 A and subject to conditional connection

IEC 62325-451-4:2017
Framework for energy market communications – Part 451-4:
Settlement and reconciliation business process, contextual
and assembly models for European market

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Međunarodna normizacija ISO

ISO/IEEE 11073-10417:2017
Health informatics – Personal health device communication
– Part 10417: Device specialization – Glucose meter

35.240.90 IT aplikacije za obrazovanje

Međunarodna normizacija ISO/IEC

ISO/IEC TR 19788-11:2017
Information technology – Learning, education and training
– Metadata for learning resources – Part 11: Migration from
LOM to MLR

35.240.95 Internetske aplikacije

Europska normizacija CENELEC

EN 62766-2-1:2017
Consumer terminal function for access to IPTV and open
internet multimedia services – Part 2-1: Media formats
(IEC 62766-2-1:2016)

EN 62766-2-2:2017
Consumer terminal function for access to IPTV and open
internet multimedia services – Part 2-2: HTTP adaptive
streaming (IEC 62766-2-2:2016)

EN 62766-3:2017
Consumer terminal function for access to IPTV and open
internet multimedia services – Part 3: Content metadata
(IEC 62766-3:2016)

Međunarodna normizacija IEC

IEC 62766-4-2:2017
Consumer terminal function for access to IPTV and open
internet multimedia services – Part 4-2: Examples of IPTV
protocol sequences

35.240.99 Primjene IT-a u ostalim područjima

Međunarodna normizacija IEC

IEC 61968-3:2017
Application integration at electric utilities – System interfaces
for distribution management – Part 3: Interface for network
operations

IEC 62056-8-6:2017
Electricity metering data exchange – The DLMS/COSEM
suite – Part 8-6: High speed PLC ISO/IEC 12139-1 profile for
neighbourhood networks

35.260 Uredski strojevi

Europska normizacija ETSI

ETSI EN 303 423 V1.1.1:2017
Environmental Engineering (EE); Electrical and electronic
household and office equipment; Measurement of
networked standby power consumption of Interconnecting
equipment; Harmonised Standard covering the measurement
method for EC Regulation 1275/2008 amended by
EU Regulation 801/2013

37.020 Optička oprema

Međunarodna normizacija ISO

ISO 20711:2017
Optics and photonics – Environmental requirements – Test
requirements for telescopic systems

43.040.10 Električna i elektronička oprema

Europska normizacija CENELEC

EN 62196-2:2017
Plugs, socket-outlets, vehicle connectors and vehicle inlets
– Conductive charging of electric vehicles – Part 2:
Dimensional compatibility and interchangeability requirements
for a.c. pin and contact-tube accessories (IEC 62196-2:2016)

43.060.10 Blok motora i unutarnji sastavni dijelovi

Međunarodna normizacija ISO

ISO 6624-1:2017
Internal combustion engines – Piston rings – Part 1: Keystone
rings made of cast iron

ISO 6624-3:2017
Internal combustion engines – Piston rings – Part 3: Keystone
rings made of steel

43.060.40 Sustavi goriva

Međunarodna normizacija ISO

- ISO 22241-3:2017
Diesel engines – NOx reduction agent AUS 32 – Part 3:
Handling, transportation, and storage

43.120 Električna cestovna vozila

Europska normizacija CENELEC

- EN 62196-2:2017
Plugs, socket-outlets, vehicle connectors and vehicle inlets
– Conductive charging of electric vehicles – Part 2:
Dimensional compatibility and interchangeability requirements
for a.c. pin and contact-tube accessories (IEC 62196-2:2016)

43.140 Motocikli i mopedi

Međunarodna normizacija ISO

- ISO 18243:2017
Electrically propelled mopeds and motorcycles – Test
specifications and safety requirements for lithium-ion battery
systems

45.020 Željeznička tehnika općenito

Europska normizacija CEN

- EN 15273-1:2013+A1:2016/AC:2017
Railway applications – Gauges – Part 1: General – Common
rules for infrastructure and rolling stock

45.060.01 Željeznička tračnička vozila općenito

Europska normizacija CEN

- EN 15273-1:2013+A1:2016/AC:2017
Railway applications – Gauges – Part 1: General – Common
rules for infrastructure and rolling stock

45.060.20 Vozila za tegljenje

Europska normizacija CEN

- EN 16586-1:2017
Railway applications – Design for PRM use – Accessibility of
persons with reduced mobility to rolling stock – Part 1: Steps
for access and egress

- EN 16586-2:2017
Railway applications – Design for PRM use – Accessibility
of persons with reduced mobility to rolling stock – Part 2:
Boarding aids

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija ETSI

- ETSI EN 301 178 V2.2.2:2017
Portable Very High Frequency (VHF) radiotelephone
equipment for the maritime mobile service operating in the
VHF bands (for non-GMDSS applications only); Harmonised
Standard covering the essential requirements of article 3.2 of
Directive 2014/53/EU

Međunarodna normizacija IEC

- IEC 62287-1:2017
Maritime navigation and radiocommunication equipment
and systems – Class B shipborne equipment of the automatic
identification system (AIS) – Part 1: Carrier-sense time
division multiple access (CSTDMA) techniques

49.020 Zrakoplovi i svemirska vozila općenito

Međunarodna normizacija ISO

- ISO 16192:2017
Space systems – Experience gained in space projects
(lessons learned) – Principles and guidelines

49.030.99 Ostale vrste spojnih elemenata

Europska normizacija CEN

- EN 2285:2017
Aerospace series – Bushes, plain, aluminium alloy, with self-
lubricating liner – Dimensions and loads
- EN 2286:2017
Aerospace series – Bushes, flanged aluminium alloy, with
self-lubricating liner – Dimensions and loads

49.035 Sastavni dijelovi za zrakoplovne konstrukcije

Europska normizacija CEN

- EN 6075:2017
Aerospace series – Static seal elements O-Ring ethylene-
propylene, moulded, phosphate ester resistant (- 55 °C to
107 °C) – Inch series
- EN 6076:2017
Aerospace series – Static seal elements O-Ring for straight
thread tube fitting boss, ethylene-propylene, moulded,
phosphate ester resistant (-55 °C to 107 °C) – Inch series

49.080 Hidraulični i pneumatski sustavi i sastavni dijelovi za zrakoplove

Europska normizacija CEN

- EN 4810:2017
Aerospace series – Flange couplings – Gasket seal with nickel
alloy C seal on heat resisting steel plate with 3 fastening holes
– Inch series

Međunarodna normizacija ISO

- ISO 9538:2017
Aerospace series – Hydraulic tubing joints and fittings – Planar
flexure test
- ISO 18487-1:2017
Aerospace series – Titanium tube for 35 MPa operating
pressure – Part 1: Inch series

49.140 Svemirski sustavi i operacije

Međunarodna normizacija ISO

- ISO 16192:2017
Space systems – Experience gained in space projects
(lessons learned) – Principles and guidelines

53.100 Strojevi za zemljane radove

Međunarodna normizacija ISO

ISO 5006:2017
Earth-moving machinery – Operator's field of view – Test method and performance criteria

65.060.40 Oprema za njegu biljaka

Međunarodna normizacija ISO

ISO 5682-1:2017
Equipment for crop protection – Spraying equipment – Part 1: Test methods for sprayer nozzles

ISO 5682-2:2017
Equipment for crop protection – Spraying equipment – Part 2: Test methods to assess the horizontal transverse distribution for hydraulic sprayers

ISO 5682-3:2017
Equipment for crop protection – Spraying equipment – Part 3: Test method to assess the performance of volume/area adjustment systems

65.060.80 Oprema za šumarstvo

Međunarodna normizacija ISO

ISO 11681-2:2011/Amd 1:2017
Machinery for forestry – Portable chain-saw safety requirements and testing – Part 2: Chain-saws for tree service – Amendment 1

67.100.01 Mlijeko i mliječni proizvodi općenito

Međunarodna normizacija ISO

ISO 22964:2017
Microbiology of the food chain – Horizontal method for the detection of Cronobacter spp.

67.160.20 Bezalkoholna pića

Europska normizacija CEN

EN 16857:2017
Foodstuffs – Determination of benzene in soft drinks, other beverages and vegetable-based infant foods by headspace gas chromatography mass spectrometry (HS-GC-MS)

67.200.10 Životinjske i biljne masti i ulja

Međunarodna normizacija ISO

ISO 3656:2011/Amd 1:2017
Animal and vegetable fats and oils – Determination of ultraviolet absorbance expressed as specific UV extinction; Amendment 1

67.230 Zapakirana i zgotovljena hrana

Europska normizacija CEN

EN 16857:2017
Foodstuffs – Determination of benzene in soft drinks, other beverages and vegetable-based infant foods by headspace gas chromatography mass spectrometry (HS-GC-MS)

71.040.20 Laboratorijsko posuđe i odgovarajuća aparatura

Europska normizacija CENELEC

EN 61010-2-011:2017
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-011: Particular requirements for refrigerating equipment (IEC 61010-2-011:2016)

EN 61010-2-020:2017
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-020: Particular requirements for laboratory centrifuges (IEC 61010-2-020:2016)

71.040.40 Kemijska analiza

Međunarodna normizacija ISO

ISO 12963:2017
Gas analysis – Comparison methods for the determination of the composition of gas mixtures based on one- and two-point calibration

71.040.50 Fizikalnokemijske metode analize

Međunarodna normizacija ISO

ISO 19214:2017
Microbeam analysis – Analytical electron microscopy – Method of determination for apparent growth direction of wirelike crystals by transmission electron microscopy

73.040 Ugljen

Međunarodna normizacija ISO

ISO 14180:2017
Solid mineral fuels – Guidance on the sampling of coal seams

73.060.10 Željezove rude

Međunarodna normizacija ISO

ISO/TR 4688-1:2017
Iron ores – Determination of aluminium – Part 1: Flame atomic absorption spectrometric method

75.160.40 Biogoriva

Međunarodna normizacija ISO

ISO 14780:2017
Solid biofuels – Sample preparation

ISO 18125:2017
Solid biofuels – Determination of calorific value

ISO 19743:2017
Solid biofuels – Determination of content of heavy extraneous materials larger than 3,15 mm

77.150.20 Proizvodi od magnezija

Međunarodna normizacija ISO

ISO 16220:2017
Magnesium and magnesium alloys – Magnesium alloy ingots and castings

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

ISO 19628:2017
Fine ceramics (advanced ceramics, advanced technical ceramics) – Thermophysical properties of ceramic composites – Determination of specific heat capacity

ISO 19810:2017
Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for self-cleaning performance of semiconducting photocatalytic materials under indoor lighting environment – Measurement of water contact angle

83.080.01 Plastika općenito

Međunarodna normizacija ISO

ISO 4589-1:2017
Plastics – Determination of burning behaviour by oxygen index – Part 1: General requirements

ISO 4589-2:2017
Plastics – Determination of burning behaviour by oxygen index – Part 2: Ambient-temperature test

ISO 4589-3:2017
Plastics – Determination of burning behaviour by oxygen index – Part 3: Elevated-temperature test

ISO 9370:2017
Plastics – Instrumental determination of radiant exposure in weathering tests – General guidance and basic test method

83.160.30 Gume za poljoprivredne i ostale strojeve

Međunarodna normizacija ISO

ISO 4251-1:2017
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 1: Tyre designation and dimensions, and approved rim contours

ISO 4251-2:2017
Tyres (ply rating marked series) and rims for agricultural tractors and machines – Part 2: Tyre load ratings

91.010.30 Tehnički aspekti

Europska normizacija CEN

EN 1993-1-5:2006/A1:2017
Eurocode 3 – Design of steel structures – Part 1-5: Plated structural elements

EN 1993-1-6:2007/A1:2017
Eurocode 3 – Design of steel structures – Part 1-6: Strength and Stability of Shell Structures

91.040.01 Građevine općenito

Međunarodna normizacija ISO

ISO 15686-7:2017
Buildings and constructed assets – Service life planning – Part 7: Performance evaluation for feedback of service life data from practice

91.040.10 Javne građevine

Europska normizacija CEN

EN 13200-8:2017
Spectator facilities – Part 8: Safety Management

91.060.50 Vrata i prozori

Međunarodna normizacija ISO

ISO 19467:2017
Thermal performance of windows and doors – Determination of solar heat gain coefficient using solar simulator

91.080.13 Čelične konstrukcije

Europska normizacija CEN

EN 1993-1-5:2006/A1:2017
Eurocode 3 – Design of steel structures – Part 1-5: Plated structural elements

EN 1993-1-6:2007/A1:2017
Eurocode 3 – Design of steel structures – Part 1-6: Strength and Stability of Shell Structures

91.080.20 Drvene konstrukcije

Međunarodna normizacija ISO

ISO/TR 21136:2017
Timber structures – Vibration performance criteria for timber floors

91.100.30 Beton i betonski proizvodi

Europska normizacija CEN

EN 451-1:2017
Method of testing fly ash – Part 1: Determination of free calcium oxide content

EN 451-2:2017
Method of testing fly ash – Part 2: Determination of fineness by wet sieving

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija CEN

EN 13967:2012+A1:2017
Flexible sheets for waterproofing – Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet – Definitions and characteristics

EN 14693:2017
Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of the behaviour of waterproofing sheets during application of mastic asphalt

91.120.10 Toplinska izolacija

Europska normizacija CEN

CEN/TR 12831-2:2017
Energy performance of buildings – Method for calculation of the design heat load – Part 2: Explanation and justification of EN 12831-1, Module M3-3

CEN/TR 12831-4:2017
Energy performance of buildings – Method for calculation of the design heat load – Part 4: Explanation and justification of EN 12831-3, Module M8-2, M8-3

EN 15193-1:2017
Energy performance of buildings – Energy requirements for lighting – Part 1: Specifications, Module M9

- CEN/TR 15316-6-1:2017
Energy performance of buildings- Method for calculation of system energy requirements and system efficiencies – Part 6-1: Explanation and justification of EN 15316-1, Module M3-1, M3-4, M3-9, M8-1, M8-4
- CEN/TR 15316-6-2:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-2: Explanation and justification of EN 15316-2, Module M3-5, M4-5
- CEN/TR 15316-6-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-3: Explanation and justification of 15316-3, Module M3-6, M4-6, M8-6
- CEN/TR 15316-6-4:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-4: Explanation and justification of EN 15316-4-1, Module M3-8-1, M8-8-1
- CEN/TR 15316-6-5:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-5: Explanation and justification of EN 15316-4-2, Module M3-8
- CEN/TR 15316-6-6:2017
Energy performance of buildings – Method for calculation of system energy performance and system efficiencies – Part 6-6: Explanation and justification of EN 15316-4-3, Module M3-8-3, M8-8-3
- CEN/TR 15316-6-7:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-7: Explanation and justification of EN 15316-4-4, Module M8-3-4, M8-8-4, M8-11-4
- CEN/TR 15316-6-8:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-8: Explanation and justification of EN 15316-4-5 (District heating and cooling), Module M3-8-5, M4-8-5, M8-8-5, M11-8-5
- CEN/TR 15316-6-9:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-9: Explanation and justification of EN 15316-4-8, Module M3-8-8
- CEN/TR 15316-6-10:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-10: Explanation and justification of EN 15316-5, Module M3-7, M8-7
- CEN/TR 15378-2:2017
Energy performance of buildings – Heating systems and DHW in buildings – Part 2: Explanation and justification of EN 15378-1, Module M3-11 and M8-11
- CEN/TR 15378-4:2017
Energy performance of buildings – Heating systems and DHW in buildings – Part 4: Explanation and justification of EN 15378-3, Module M3-10, M8-10
- CEN/TR 15459-2:2017
Energy performance of buildings – Economic evaluation procedure for energy systems in buildings – Part 2: Explanation and justification of EN 15459-1, Module M1-14
- EN 16783:2017
Thermal insulation products – Product category rules (PCR) for factory made and in-situ formed products for preparing environmental product declarations
- EN 16947-1:2017
Energy Performance of Buildings – Building Management System – Part 1: Module M10-12

Međunarodna normizacija ISO

- ISO 19467:2017
Thermal performance of windows and doors – Determination of solar heat gain coefficient using solar simulator

91.140.10 Sustavi centralnoga grijanja

Europska normizacija CEN

- EN 12098-1:2017
Energy Performance of Buildings – Controls for heating systems – Part 1: Control equipment for hot water heating systems – Modules M3-5, 6, 7, 8
- CEN/TR 12831-2:2017
Energy performance of buildings – Method for calculation of the design heat load – Part 2: Explanation and justification of EN 12831-1, Module M3-3
- CEN/TR 12831-4:2017
Energy performance of buildings – Method for calculation of the design heat load – Part 4: Explanation and justification of EN 12831-3, Module M8-2, M8-3
- EN 15316-1:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 1: General and Energy performance expression, Module M3-1, M3-4, M3-9, M8-1, M8-4
- EN 15316-2:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 2: Space emission systems (heating and cooling), Module M3-5, M4-5
- EN 15316-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 3: Space distribution systems (DHW, heating and cooling), Module M3-6, M4-6, M8-6
- EN 15316-4-2:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-2: Space heating generation systems, heat pump systems, Module M3-8-2, M8-8-2
- EN 15316-4-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-3: Heat generation systems, thermal solar and photovoltaic systems, Module M3-8-3, M8-8-3, M11-8-3
- EN 15316-4-4:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-4: Heat generation systems, building-integrated cogeneration systems, Module M8-3-4, M8-8-4, M8-11-4
- EN 15316-4-8:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 4-8: Space heating generation systems, air heating and overhead radiant heating systems, including stoves (local), Module M3-8-8
- CEN/TR 15316-6-1:2017
Energy performance of buildings- Method for calculation of system energy requirements and system efficiencies – Part 6-1: Explanation and justification of EN 15316-1, Module M3-1, M3-4, M3-9, M8-1, M8-4
- CEN/TR 15316-6-2:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-2: Explanation and justification of EN 15316-2, Module M3-5, M4-5
- CEN/TR 15316-6-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-3: Explanation and justification of 15316-3, Module M3-6, M4-6, M8-6
- CEN/TR 15316-6-4:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-4: Explanation and justification of EN 15316-4-1, Module M3-8-1, M8-8-1

CEN/TR 15316-6-5:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-5: Explanation and justification of EN 15316-4-2, Module M3-8

CEN/TR 15316-6-6:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-6: Explanation and justification of EN 15316-4-3, Module M3-8-3, M8-8-3

CEN/TR 15316-6-7:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-7: Explanation and justification of EN 15316-4-4, Module M8-3-4, M8-8-4, M8-11-4

CEN/TR 15316-6-8:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-8: Explanation and justification of EN 15316-4-5 (District heating and cooling), Module M3-8-5, M4-8-5, M8-8-5, M11-8-5

CEN/TR 15316-6-9:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-9: Explanation and justification of EN 15316-4-8, Module M3-8-8

CEN/TR 15316-6-10:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-10: Explanation and justification of EN 15316-5, Module M3-7, M8-7

EN 15378-1:2017
Energy performance of buildings – Heating systems and DHW in buildings – Part 1: Inspection of boilers, heating systems and DHW, Module M3-11, M8-11

CEN/TR 15378-2:2017
Energy performance of buildings – Heating systems and DHW in buildings – Part 2: Explanation and justification of EN 15378-1, Module M3-11 and M8-11

EN 15378-3:2017
Energy performance of buildings – Heating and DHW systems in buildings – Part 3: Measured energy performance, Module M3-10, M8-10

CEN/TR 15378-4:2017
Energy performance of buildings – Heating systems and DHW in buildings – Part 4: Explanation and justification of EN 15378-3, Module M3-10, M8-10

CEN/TR 15459-2:2017
Energy performance of buildings – Economic evaluation procedure for energy systems in buildings – Part 2: Explanation and justification of EN 15459-1, Module M1-14

91.140.30 Sustavi prozračivanja i klimatizacije

Europska normizacija CEN

EN 1366-10:2011+A1:2017
Fire resistance tests for service installations – Part 10: Smoke control dampers

EN 15316-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 3: Space distribution systems (DHW, heating and cooling), Module M3-6, M4-6, M8-6

CEN/TR 15316-6-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-3: Explanation and justification of 15316-3, Module M3-6, M4-6, M8-6

CEN/TR 15316-6-8:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-8: Explanation and justification of EN 15316-4-5 (District heating and cooling), Module M3-8-5, M4-8-5, M8-8-5, M11-8-5

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija CENELEC

EN 62052-11:2003/A1:2017
Electricity metering equipment (AC) – General requirements, tests and test conditions – Part 11: Metering equipment (IEC 62052-11:2003/Amd1:2016)

EN 62053-23:2003/A1:2017
Electricity metering equipment (a.c.) – Particular requirements – Part 23: Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2003/Amd1:2016)

EN 62053-24:2015/A1:2017
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 62053-24:2014/Amd1:2016)

Međunarodna normizacija IEC

IEC 60364-7-708:2017
Low-voltage electrical installations – Part 7-708: Requirements for special installations or locations – Caravan parks, camping parks and similar locations

IEC 60364-7-712:2017
Low voltage electrical installations – Part 7-712: Requirements for special installations or locations – Solar photovoltaic (PV) power supply systems

IEC 62056-8-6:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 8-6: High speed PLC ISO/IEC 12139-1 profile for neighbourhood networks

91.140.65 Oprema za grijanje vode

Europska normizacija CEN

CEN/TR 12831-4:2017
Energy performance of buildings – Method for calculation of the design heat load – Part 4: Explanation and justification of EN 12831-3, Module M8-2, M8-3

EN 15316-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 3: Space distribution systems (DHW, heating and cooling), Module M3-6, M4-6, M8-6

CEN/TR 15316-6-3:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-3: Explanation and justification of 15316-3, Module M3-6, M4-6, M8-6

CEN/TR 15316-6-4:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-4: Explanation and justification of EN 15316-4-1, Module M3-8-1, M8-8-1

CEN/TR 15316-6-10:2017
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 6-10: Explanation and justification of EN 15316-5, Module M3-7, M8-7

91.140.99 Ostale norme koje se odnose na zgrade

Europska normizacija CEN

EN 15193-1:2017
Energy performance of buildings – Energy requirements for lighting – Part 1: Specifications, Module M9

91.160.01 Rasvjeta općenito

Europska normizacija CEN

EN 15193-1:2017
Energy performance of buildings – Energy requirements for lighting – Part 1: Specifications, Module M9

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Međunarodna normizacija ISO

ISO 22476-11:2017
Geotechnical investigation and testing – Field testing – Part 11: Flat dilatometer test

93.030 Vanjski kanalizacijski sustavi

Europska normizacija CEN

EN 752:2017
Drain and sewer systems outside buildings – Sewer system management

93.100 Gradnja željezničkih pruga

Europska normizacija CEN

EN 13803:2017
Railway applications – Track – Track alignment design parameters – Track gauges 1 435 mm and wider

97.030 Kućanski električni uređaji općenito

Europska normizacija ETSI

ETSI EN 303 423 V1.1.1:2017
Environmental Engineering (EE); Electrical and electronic household and office equipment; Measurement of networked standby power consumption of Interconnecting equipment; Harmonised Standard covering the measurement method for EC Regulation 1275/2008 amended by EU Regulation 801/2013

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija IEC

IEC 60335-2-36:2017
Household and similar electrical appliances – Safety – Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements

IEC 60335-2-37:2017
Household and similar electrical appliances – Safety – Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers

IEC 60335-2-39:2012/Amd1:2017
Household and similar electrical appliances – Safety – Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans; Amendment 1

IEC 60335-2-39:2012+Amd1:2017
Household and similar electrical appliances – Safety – Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans

IEC 60335-2-42:2002/Amd2:2017
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens

IEC 60335-2-42:2002+Amd1:2008+Amd2:2017
Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens

IEC 60335-2-47:2002/Amd2:2017
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-47: Particular requirements for commercial electric boiling pans

IEC 60335-2-47:2002+Amd1:2008+Amd2:2017 CSV
Household and similar electrical appliances – Safety – Part 2-47: Particular requirements for commercial electric boiling pans

IEC 60335-2-48:2002/Amd2:2017
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-48: Particular requirements for commercial electric grillers and toasters

IEC 60335-2-48:2002+Amd1:2008+Amd2:2017
Household and similar electrical appliances – Safety – Part 2-48: Particular requirements for commercial electric grillers and toasters

97.040.30 Kućanski rashladni uređaji

Međunarodna normizacija IEC

IEC 60335-2-24:2010/AMD2:2017
Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers; Amendment 2

IEC 60335-2-24:2010+AMD1:2012+AMD2:2017
Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers

97.040.40 Strojevi za pranje posuđa

Međunarodna normizacija IEC

IEC 60704-2-3:2017
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-3: Particular requirements for dishwashers

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija CEN

EN 16946-1:2017
Energy Performance of Buildings – Inspection of Automation, Controls and Technical Building Management – Part 1: Module M10-11

EN 16947-1:2017
Energy Performance of Buildings – Building Management System – Part 1: Module M10-12

EN 63044-1:2017
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 1: General requirements

97.140 Namještaj

Europska normizacija CEN

- EN 16890:2017
Children's furniture – Mattresses for cots and cribs – Safety requirements and test methods
- EN 16955:2017
Hardware for furniture – Tapered pressure tubes for self-supporting gas springs for the height adjustment of seating – Test methods and requirements for strength and durability

97.190 Oprema za djecu

Europska normizacija CEN

- EN 16890:2017
Children's furniture – Mattresses for cots and cribs – Safety requirements and test methods

97.195 Umjetnički i obrtnički predmeti

Europska normizacija CEN

- EN 16853:2017
Conservation of cultural heritage – Conservation process – Decision making, planning and implementation

97.200.10 Oprema za kazalište, scenu i studio

Europska normizacija CEN

- EN 13200-8:2017
Spectator facilities – Part 8: Safety Management

97.200.30 Oprema za kampiranje i kampove

Međunarodna normizacija IEC

- IEC 60364-7-708:2017
Low-voltage electrical installations – Part 7-708: Requirements for special installations or locations – Caravan parks, camping parks and similar locations

97.200.50 Igračke

Međunarodna normizacija IEC

- IEC 62115:2017
Electric toys – Safety

97.220.10 Sportski objekti

Europska normizacija CEN

- EN 13200-8:2017
Spectator facilities – Part 8: Safety Management