

Hrvatski zavod za norme

Oglasnik za normativne dokumente

3/2018 ožujak, 2018.

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 nacрте hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije razvrstane po predmetnom ustroju i obavijesti HZN-a.

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

HZN/TO 8, *Brodogradnja*

HRN ISO 6482:2018 en pr
Brodogradnja – Palubni strojevi – Profili bubnja za namatanje užeta (ISO 6482:2017)
Shipbuilding – Deck machinery – Warping end profiles (ISO 6482:2017)

HRN ISO 7825:2018 en pr
Brodogradnja – Palubni strojevi – Opći zahtjevi (ISO 7825:2017)
Shipbuilding – Deck machinery – General requirements (ISO 7825:2017)

HRN EN ISO 8099-1:2018 en pr
Mala plovila – Sustav otpada – 1. dio: Prikupljanje otpadne vode (ISO 8099-1:2018; EN ISO 8099-1:2018)
Small craft – Waste systems – Part 1: Waste water retention (ISO 8099-1:2018; EN ISO 8099-1:2018)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 1568-1:2018 en pr
Sredstva za gašenje požara – Pjenila – 1. dio: Specifikacija pjenuša za dobivanje pjene srednje ekspanzije za površinsku primjenu na tekućinama koje se ne miješaju s vodom (EN 1568-1:2018)
Fire extinguishing media – Foam concentrates – Part 1: Specification for medium expansion foam concentrates for surface application to water-immiscible liquids (EN 1568-1:2018)

HRN EN 1568-2:2018 en pr
Sredstva za gašenje požara – Pjenila – 2. dio: Specifikacija pjenuša za dobivanje pjene visoke ekspanzije za površinsku primjenu na tekućinama koje se ne miješaju s vodom (EN 1568-2:2018)
Fire extinguishing media – Foam concentrates – Part 2: Specification for high expansion foam concentrates for surface application to water-immiscible liquids (EN 1568-2:2018)

HRN EN 1568-4:2018 en pr
Sredstva za gašenje požara – Pjenila – 4. dio: Specifikacija pjenuša za dobivanje pjene niske ekspanzije za površinsku primjenu na tekućinama koje se miješaju s vodom (EN 1568-4:2018)
Fire extinguishing media – Foam concentrates – Part 4: Specification for low expansion foam concentrates for surface application to water-miscible liquids (EN 1568-4:2018)

HZN/TO 22, *Cestovna vozila*

HRN EN 1646-1:2018 en pr
Vozila za odmor – Motorna vozila za stanovanje – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1646-1:2018)
Leisure accommodation vehicles – Motor caravans – Part 1: Habitation requirements relating to health and safety (EN 1646-1:2018)

HRN EN ISO 18541-6:2018 en pr
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 6. dio: Posebni slučajevi uporabe i zahtjevi s obzirom na RMI za vozila kategorije L (ISO 18541-6:2018; EN ISO 18541-6:2018)
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 6: L-Category vehicle specific RMI use cases and requirements (ISO 18541-6:2018; EN ISO 18541-6:2018)

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

HRN EN ISO 5395-3:2014/A2:2018 en pr
Garden equipment – Safety requirements for combustion-engine-powered lawnmowers – Part 3: Ride-on lawnmowers with seated operator – Amendment 2: Cutting means enclosure guards (ISO 5395-3:2013/Amd 2:2017; EN ISO 5395-3:2013/A2:2018)

HZN/TO 25, *Ljevarstvo*

HRN EN ISO 945-1:2018 en pr
Mikrostruktura željeznih lijevova – 1. dio: Razredba grafita vizualnom analizom (ISO 945-1:2017; EN ISO 945-1:2018)
Microstructure of cast irons – Part 1: Graphite classification by visual analysis (ISO 945-1:2017; EN ISO 945-1:2018)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 11747:2013/A1:2018 en pr
Riža – Određivanje otpornosti zrna riže na ekstruziju nakon kuhanja (ISO 11747:2012/Amd 1:2017; EN ISO 11747:2012/A1:2018)
Rice – Determination of rice kernel resistance to extrusion after cooking (ISO 11747:2012/Amd 1:2017; EN ISO 11747:2012/A1:2018)

HZN/TO 43, *Akustika*

HRN EN ISO 389-1:2018 en pr
Akustika – Referentna nulta razina za umjeravanje audiometara – 1. dio: Referentni pragovi razine ekvivalentnoga zvučnog tlaka za čiste tonove i supraauralne slušalice (ISO 389-1:2017; EN ISO 389-1:2018)
Acoustics – Reference zero for the calibration of audiometric equipment – Part 1: Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones (ISO 389-1:2017; EN ISO 389-1:2018)

HRN EN ISO 3822-3:2018 en pr
Akustika – Laboratorijska ispitivanja emisije buke od naprava i opreme korištene u instalacijama za opskrbu vodom – 3. dio: Uvjeti ugradnje i rada prolaznih ventila i naprava (ISO 3822-3:2018; EN ISO 3822-3:2018)
Acoustics – Laboratory tests on noise emission from appliances and equipment used in water supply installations – Part 3: Mounting and operating conditions for in-line valves and appliances (ISO 3822-3:2018; EN ISO 3822-3:2018)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 11666:2018 en pr
Nerazorno ispitivanje zavarenih spojeva – Ultrazvučno ispitivanje – Razine prihvatljivosti (ISO 11666:2018; EN ISO 11666:2018)
Non-destructive testing of welds – Ultrasonic testing – Acceptance levels (ISO 11666:2018; EN ISO 11666:2018)

HRN EN ISO 15011-4:2018 en pr
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Laboratorijska metoda za uzorkovanje dima i plinova – 4. dio: Obrasci za podatke o dimu (ISO 15011-4:2017; EN ISO 15011-4:2018)
Health and safety in welding and allied processes – Laboratory method for sampling fume and gases – Part 4: Fume data sheets (ISO 15011-4:2017; EN ISO 15011-4:2018)

HRN EN ISO 18278-3:2018 en pr
Elektrootporno zavarivanje – Zavarljivost – 3. dio: Postupci vrednovanja zavarljivosti pri točkastom zavarivanju (ISO 18278-3:2017; EN ISO 18278-3:2017)
Resistance welding – Weldability – Part 3: Evaluation procedures for weldability in spot weld bonding (ISO 18278-3:2017; EN ISO 18278-3:2017)

- HRN EN ISO 26304:2018 en pr
Dodatni i potrošni materijali za zavarivanje – Elektrode od pune žice, elektrode od žice punjene praškom i kombinacije elektrode i praška za elektrolučno zavarivanje pod praškom čelika visoke čvrstoće – Razredba (ISO 26304:2017; EN ISO 26304:2018)
Welding consumables – Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels – Classification (ISO 26304:2017; EN ISO 26304:2018)
- HZN/TO 108, Mehaničke vibracije i udari**
- HRN ISO 17359:2018 en pr
Nadzor stanja i dijagnostika strojeva – Opće smjernice (ISO 17359:2018)
Condition monitoring and diagnostics of machines – General guidelines (ISO 17359:2018)
- HZN/TO 120, Koža i obuća**
- HRN EN ISO 20701:2018 en pr
Koža – Ispitivanje postojanosti obojenja – Postojanost obojenja na slinu (ISO 20701:2017; EN ISO 20701:2018)
Leather – Tests for colour fastness – Colour fastness to saliva (ISO 20701:2017; EN ISO 20701:2018)
- HZN/TO 121, Anestetička i respiracijska oprema**
- HRN EN ISO 80601-2-55:2018 en pr
Medicinska električna oprema – Dio 2-55: Posebni zahtjevi za osnovnu sigurnost i nužne značajke opreme za praćenje dišnih plinova (ISO 80601-2-55:2018; EN ISO 80601-2-55:2018)
Medical electrical equipment – Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors (ISO 80601-2-55:2018; EN ISO 80601-2-55:2018)
- HZN/TO 135, Nerazorna ispitivanja**
- HRN EN ISO 20485:2018 en pr
Nerazorno ispitivanje – Ispitivanje propusnosti – Metoda ispitnog plina (ISO 20485:2017; EN ISO 20485:2018)
Non-destructive testing – Leak testing – Tracer gas method (ISO 20485:2017; EN ISO 20485:2018)
- HRN EN ISO 20486:2018 en pr
Nerazorno ispitivanje – Ispitivanje propusnosti – Umjeravanje referencijskog etalona za propuštanje plinova (ISO 20486:2017; EN ISO 20486:2018)
Non-destructive testing – Leak testing – Calibration of reference leaks for gases (ISO 20486:2017; EN ISO 20486:2018)
- HZN/TO 138, Plastične cijevi, spojnice i ventili za prijenos tekućina**
- HRN EN ISO 11296-2:2018 en pr
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 2. dio: Obnavljanje s kontinuiranim cijevima (ISO 11296-2:2018; EN ISO 11296-2:2018)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 2: Lining with continuous pipes (ISO 11296-2:2018; EN ISO 11296-2:2018)
- HRN EN ISO 11296-4:2018 en pr
Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 4. dio: Oblaganje nanošenjem strukturiranih duromernih slojeva na terenu (ISO 11296-4:2018; EN ISO 11296-4:2018)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 4: Lining with cured-in-place pipes (ISO 11296-4:2018; EN ISO 11296-4:2018)
- HRN EN ISO 11297-2:2018 en pr
Plastični cijevni sustavi za obnavljanje podzemnih tlačnih mreža za odvodnju i kanalizaciju – 2. dio: Obnavljanje s kontinuiranim cijevima (ISO 11297-2:2018; EN ISO 11297-2:2018)
Plastics piping systems for renovation of underground drainage and sewerage networks under pressure – Part 2: Lining with continuous pipes (ISO 11297-2:2018; EN ISO 11297-2:2018)
- HRN EN ISO 11297-4:2018 en pr
Plastični cijevni sustavi za obnavljanje podzemnih tlačnih mreža za odvodnju i kanalizaciju – 4. dio: Oblaganje nanošenjem strukturiranih duromernih slojeva na terenu (ISO 11297-4:2018; EN ISO 11297-4:2018)
Plastics piping systems for renovation of underground drainage and sewerage networks under pressure – Part 4: Lining with cured-in-place pipes (ISO 11297-4:2018; EN ISO 11297-4:2018)
- HRN EN ISO 11298-2:2018 en pr
Plastični cijevni sustavi za obnavljanje podzemnih vodovodnih distribucijskih mreža – 2. dio: Obnavljanje kontinuiranim cijevima (ISO 11298-2:2018; EN ISO 11298-2:2018)
Plastics piping systems for renovation of underground water supply networks – Part 2: Lining with continuous pipes (ISO 11298-2:2018; EN ISO 11298-2:2018)
- HZN/TO 146, Kvaliteta zraka**
- HRS CEN ISO/TS 21623:2018 en pr
Profesionalna izloženost – Procjena izloženosti kože nanoobjektima i njihovim agregatima i aglomeratima (NOAA) (ISO/TS 21623:2017; CEN ISO/TS 21623:2018)
Workplace exposure – Assessment of dermal exposure to nano-objects and their aggregates and agglomerates (NOAA) (ISO/TS 21623:2017; CEN ISO/TS 21623:2018)
- HZN/TO 178, Dizala, pokretne stube i pokretne trake za osobe**
- HRN EN 16719:2018 en pr
Transportne platforme (EN 16719:2018)
Transport platforms (EN 16719:2018)
- HZN/TO 182, Geotehničke konstrukcije**
- HRN EN ISO 14688-1:2018 en pr
Geotehničko istraživanje i ispitivanje – Identifikacija i klasifikacija tla – 1. dio: Identifikacija i opis (ISO 14688-1:2017; EN ISO 14688-1:2018)
Geotechnical investigation and testing – Identification and classification of soil – Part 1: Identification and description (ISO 14688-1:2017; EN ISO 14688-1:2018)
- HRN EN ISO 14688-2:2018 en pr
Geotehničko istraživanje i ispitivanje – Identifikacija i klasifikacija tla – 2. dio: Načela klasifikacije (ISO 14688-2:2017; EN ISO 14688-2:2018)
Geotechnical investigation and testing – Identification and classification of soil – Part 2: Principles for a classification (ISO 14688-2:2017; EN ISO 14688-2:2018)
- HRN EN ISO 14689:2018 en pr
Geotehničko istraživanje i ispitivanje – Identifikacija, opis i klasifikacija stijene (ISO 14689:2017; EN ISO 14689:2018)
Geotechnical investigation and testing – Identification, description and classification of rock (ISO 14689:2017; EN ISO 14689:2018)
- HRN EN ISO 17892-7:2018 en pr
Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 7. dio: Ispitivanje jednoosne tlačne čvrstoće (ISO 17892-7:2017; EN ISO 17892-7:2018)
Geotechnical investigation and testing – Laboratory testing of soil – Part 7: Unconfined compression test (ISO 17892-7:2017; EN ISO 17892-7:2018)
- HZN/TO 211, Geoinformacije/Geomatika**
- HRN EN ISO 19115-1:2014/A1:2018 en pr
Geoinformacije – Metapodaci – 1. dio: Osnove (ISO 19115-1:2014/Amd 1:2018; EN ISO 19115-1:2014/A1:2018)
Geographic information – Metadata – Part 1: Fundamentals (ISO 19115-1:2014/Amd 1:2018; EN ISO 19115-1:2014/A1:2018)
- HZN/TO 503, Metalni materijali**
- HRN EN ISO 2931:2018 en pr
Anodna obrada aluminija i aluminijevih legura – Ocjenjivanje kvalitete zapunjenih prevlaka anodnom oksidacijom mjerenjem prijemljivosti (ISO 2931:2017; EN ISO 2931:2018)
Anodizing of aluminium and its alloys – Assessment of quality of sealed anodic oxidation coatings by measurement of admittance (ISO 2931:2017; EN ISO 2931:2018)

HRN EN ISO 3183:2013/A1:2018 en pr
Industrija nafte i zemnog plina – Čelične cijevi za cjevovodne transportne sustave (ISO 3183:2012/Amd 1:2017; EN ISO 3183:2012/A1:2018)
Petroleum and natural gas industries – Steel pipe for pipeline transportation systems (ISO 3183:2012/Amd 1:2017; EN ISO 3183:2012/A1:2018)

HRN EN ISO 4545-1:2018 en pr
Metalni materijali – Ispitivanje tvrdoće prema Knoopu – 1. dio: Metoda ispitivanja (ISO 4545-1:2017; EN ISO 4545-1:2018)
Metallic materials – Knoop hardness test – Part 1: Test method (ISO 4545-1:2017; EN ISO 4545-1:2018)

HRN EN ISO 4545-2:2018 en pr
Metalni materijali – Ispitivanje tvrdoće prema Knoopu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja (ISO 4545-2:2017; EN ISO 4545-2:2018)
Metallic materials – Knoop hardness test – Part 2: Verification and calibration of testing machines (ISO 4545-2:2017; EN ISO 4545-2:2018)

HRN EN ISO 4545-3:2018 en pr
Metalni materijali – Ispitivanje tvrdoće prema Knoopu – 3. dio: Umjeravanje referentnih pločica (ISO 4545-3:2017; EN ISO 4545-3:2018)
Metallic materials – Knoop hardness test – Part 3: Calibration of reference blocks (ISO 4545-3:2017; EN ISO 4545-3:2018)

HRN EN ISO 4545-4:2018 en pr
Metalni materijali – Ispitivanje tvrdoće prema Knoopu – 4. dio: Tablica vrijednosti tvrdoća (ISO 4545-4:2017; EN ISO 4545-4:2018)
Metallic materials – Knoop hardness test – Part 4: Table of hardness values (ISO 4545-4:2017; EN ISO 4545-4:2018)

HRN EN ISO 6507-1:2018 en pr
Metalni materijali – Ispitivanje tvrdoće prema Vickersu – 1. dio: Metoda ispitivanja (ISO 6507-1:2018; EN ISO 6507-1:2018)
Metallic materials – Vickers hardness test – Part 1: Test method (ISO 6507-1:2018; EN ISO 6507-1:2018)

HRN EN ISO 6507-2:2018 en pr
Metalni materijali – Ispitivanje tvrdoće prema Vickersu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja (ISO 6507-2:2018; EN ISO 6507-2:2018)
Metallic materials – Vickers hardness test – Part 2: Verification and calibration of testing machines (ISO 6507-2:2018; EN ISO 6507-2:2018)

HRN EN ISO 6507-3:2018 en pr
Metalni materijali – Ispitivanje tvrdoće prema Vickersu – 3. dio: Umjeravanje etalonskih pločica (ISO 6507-3:2018; EN ISO 6507-3:2018)
Metallic materials – Vickers hardness test – Part 3: Calibration of reference blocks (ISO 6507-3:2018; EN ISO 6507-3:2018)

HRN EN ISO 7599:2018 en pr
Anodna obrada aluminija i aluminijevih legura – Metode specifikacije dekorativnih i zaštitnih prevlaka dobivenih anodnom oksidacijom na aluminiju (ISO 7599:2018; EN ISO 7599:2018)
Anodizing of aluminium and its alloys – Method for specifying decorative and protective anodic oxidation coatings on aluminium (ISO 7599:2018; EN ISO 7599:2018)

HRN EN ISO 26203-1:2018 en pr
Metalni materijali – Statičko vlačno ispitivanje pri velikim brzinama istezanja – 1. dio: Sustav elastičnih udarnih valova (ISO 26203-1:2018; EN ISO 26203-1:2018)
Metallic materials – Tensile testing at high strain rates – Part 1: Elastic-bar-type systems (ISO 26203-1:2018; EN ISO 26203-1:2018)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 2819:2018 en pr
Metalne prevlake na metalnim podlogama – Elektronanesene i kemijski nanese prevlake – Pregled metoda za ispitivanje priornjivosti (ISO 2819:2017; EN ISO 2819:2018)
Metallic coatings on metallic substrates – Electrodeposited and chemically deposited coatings – Review of methods available for testing adhesion (ISO 2819:2017; EN ISO 2819:2018)

HRN EN ISO 11130:2018 en pr
Korozija metala i legura – Ispitivanje izmjeničnim uranjanjem u otopinu soli (ISO 11130:2017; EN ISO 11130:2018)
Corrosion of metals and alloys – Alternate immersion test in salt solution (ISO 11130:2017; EN ISO 11130:2018)

HRN EN ISO 28706-3:2018 en pr
Staklasti i porculanski emajli – Određivanje otpornosti na kemijsku koroziju – 3. dio: Određivanje otpornosti na kemijsku koroziju lužnatim tekućinama upotrebom šesterokutne posude i četverokutne staklene boce (ISO 28706-3:2017; EN ISO 28706-3:2018)

Vitreous and porcelain enamels – Determination of resistance to chemical corrosion – Part 3: Determination of resistance to chemical corrosion using alkaline liquids using a hexagonal vessel or a tetragonal glass bottle (ISO 28706-3:2017; EN ISO 28706-3:2018)

HZN/TO 509, Cestovna oprema

HRN EN 1794-1:2018 en pr
Barijere za zaštitu od buke s cesta – Neakustična svojstva – 1. dio: Mehanička svojstva i zahtjevi za stabilnost (EN 1794-1:2018)
Road traffic noise reducing devices – Non-acoustic performance – Part 1: Mechanical performance and stability requirements (EN 1794-1:2018)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 12480:2018 en pr
Plinomjeri – Plinomjeri s rotacijskim klipovima (EN 12480:2018)
Gas meters – Rotary displacement gas meters (EN 12480:2018)

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

HRN EN 12691:2018 en pr
Savijljive hidroizolacijske trake – Bitumenske, plastične i elastomerne hidroizolacijske trake za krovove – Određivanje otpornosti na udarac (EN 12691:2018)
Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Determination of resistance to impact (EN 12691:2018)

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

HRN EN 12999:2018 en pr
Granici – Pretovarni granici (EN 12999:2011+A2:2018)
Cranes – Loader cranes (EN 12999:2011+A2:2018)

HRN EN 13001-3-6:2018 en pr
Granici – Osnove projektiranja – Dio 3-6: Granična stanja i dokaz sigurnosti za strojeve – Hidraulički cilindri (EN 13001-3-6:2018)
Cranes – General design – Part 3-6: Limit states and proof of competence of machinery – Hydraulic cylinders (EN 13001-3-6:2018)

HZN/TO 531, Plastika i guma

HRN EN ISO 10619-1:2018 en pr
Gumena i plastična crijeva i cijevi – Mjerenje savitljivosti i krutosti – 1. dio: Savojna ispitivanja pri temperaturi okoline (ISO 10619-1:2017; EN ISO 10619-1:2018)
Rubber and plastics hoses and tubing – Measurement of flexibility and stiffness – Part 1: Bending tests at ambient temperature (ISO 10619-1:2017; EN ISO 10619-1:2018)

HRN EN ISO 10619-2:2018 en pr
Gumena i plastična crijeva i cijevi – Mjerenje savitljivosti i krutosti – 2. dio: Savojna ispitivanja pri temperaturi nižoj od temperature okoline (ISO 10619-2:2017; EN ISO 10619-2:2018)
Rubber and plastics hoses and tubing – Measurement of flexibility and stiffness – Part 2: Bending tests at sub-ambient temperatures (ISO 10619-2:2017; EN ISO 10619-2:2018)

HRN EN ISO 10960:2018 en pr
Gumena i plastična crijeva – Procjena dinamičke postojanosti na ozon (ISO 10960:2017; EN ISO 10960:2018)
Rubber and plastics hoses – Assessment of ozone resistance under dynamic conditions (ISO 10960:2017; EN ISO 10960:2018)

HRN EN 13207:2018 en pr
Plastika – Termoplastični silažni filmovi i cijevi za uporabu u poljoprivredi (EN 13207:2018)
Plastics – Thermoplastic silage films and tubes for use in agriculture (EN 13207:2018)

HRN EN 13655:2018 en pr
Plastika – Termoplastični filmovi za malčiranje oporablivi nakon uporabe, za korištenje u poljoprivredi i vrtlarstvu (EN 13655:2018)
Plastics – Thermoplastic mulch films recoverable after use, for use in agriculture and horticulture (EN 13655:2018)

HRN EN ISO 20029-1:2018 en pr
Plastika – Plastomerni poliestar/ester i polieter/ester elastomeri za oblikovanje i ekstrudiranje – 1. dio: Sustav označavanja i osnove za specifikacije (ISO 20029-1:2017; EN ISO 20029-1:2018)
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 1: Designation system and basis for specifications (ISO 20029-1:2017; EN ISO 20029-1:2018)

HRN EN ISO 20029-2:2018 en pr
Plastika – Poliestar/esterski i polieter/esterski elastoplastomeri za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 20029-2:2017; EN ISO 20029-2:2018)
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 2: Preparation of test specimen and determination of properties (ISO 20029-2:2017; EN ISO 20029-2:2018)

HRN EN ISO 28017:2018 en pr
Gumena crijeva i crijevni pribori ojačani žicom ili tekstilom za primjene u jaruženju – Specifikacija (ISO 28017:2018; EN ISO 28017:2018)
Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications – Specification (ISO 28017:2018; EN ISO 28017:2018)

HZN/TO 544, Strojni elementi

HRN EN ISO 16228:2018 en pr
Spoini elementi – Vrste dokumenata o pregledu (ISO 16228:2017; EN ISO 16228:2018)
Fasteners – Types of inspection documents (ISO 16228:2017; EN ISO 16228:2018)

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 16893:2018 en pr
Očuvanje kulturne baštine – Specifikacije za mjesto, gradnju i preinake zgrada i prostorija za pohranu i uporabu zbirki kulturne baštine (EN 16893:2018)
Conservation of Cultural Heritage – Specifications for location, construction and modification of buildings or rooms intended for the storage or use of heritage collections (EN 16893:2018)

HZN/TO 548, Konstrukcijski eurokodovi

HRN EN 1993-1-5:2014/A1:2018 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-5: Pločasti konstrukcijski elementi (EN 1993-1-5:2006/A1:2017)
Eurocode 3: Design of steel structures – Part 1-5: Plated structural elements (EN 1993-1-5:2006/A1:2017)

HRN EN 1993-1-6:2014/A1:2018 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija (EN 1993-1-6:2007/A1:2017)
Eurocode 3: Design of steel structures – Part 1-6: Strength and Stability of Shell Structures (EN 1993-1-6:2007/A1:2017)

HRN EN 1993-1-6:2014/NA:2018 hr-en izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-6: Strength and Stability of Shell Structures – National Annex

HZN/TO 557, Zaštitna odjeća

HRN EN 13158:2018 en pr
Zaštitna odjeća – Zaštitne jakne, štitičnici tijela i ramena za rad s konjima: za jahače, za osobe koje rade s konjima i one koji se voze u konjskim zapregama – Zahtjevi i metode ispitivanja (EN 13158:2018)
Protective clothing – Protective jackets, body and shoulder protectors for equestrian use, for horse riders and those working with horses, and for horse drivers – Requirements and test methods (EN 13158:2018)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 736-1:2018 en pr
Zaporni uređaji – Nazivlje – 1. dio: Definicije vrsta zapornih uređaja (EN 736-1:2018)
Valves – Terminology – Part 1: Definition of types of valves (EN 736-1:2018)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 12138:2018 en pr
Tekstil – Postupci pranja u kućanstvu za tekstilne proizvode prije ispitivanja gorivosti (ISO 12138:2017; EN ISO 12138:2018)
Textiles – Domestic laundering procedures for textile fabrics prior to flammability testing (ISO 12138:2017; EN ISO 12138:2018)

HRN EN ISO 15797:2018 en pr
Tekstil – Postupci industrijskog pranja i oplemenjivanja za ispitivanje radne odjeće (ISO 15797:2017; EN ISO 15797:2018)
Textiles – Industrial washing and finishing procedures for testing of workwear (ISO 15797:2017; EN ISO 15797:2018)

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

HRN EN ISO 11363-1:2018 en pr
Plinske boce – 17E i 25E konusni navoj za spajanje ventila na plinske boce – 1. dio: Specifikacije (ISO 11363-1:2018; EN ISO 11363-1:2018)
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 1: Specifications (ISO 11363-1:2018; EN ISO 11363-1:2018)

HZN/TO 562, Alatni strojevi i alati

HRN EN ISO 16092-1:2018 en pr
Sigurnost alatnih strojeva – Preše – Opći sigurnosni zahtjevi (ISO 16092-1:2017; EN ISO 16092-1:2018)
Machine tools safety – Presses – Part 1: General safety requirements (ISO 16092-1:2017; EN ISO 16092-1:2018)

HRN EN ISO 16092-3:2018 en pr
Sigurnost alatnih strojeva – Preše – Sigurnosni zahtjevi za hidraulične preše (ISO 16092-3:2017; EN ISO 16092-3:2018)
Machine tools safety – Presses – Part 3: Safety requirements for hydraulic presses (ISO 16092-3:2017; EN ISO 16092-3:2018)

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

HRN EN ISO 11133:2014/A1:2018 en pr
Mikrobiologija hrane, hrane za životinje i vode – Priprema, proizvodnja, skladištenje i ispitivanje hranjive podloge (ISO 11133:2014/Amd 1:2018; EN ISO 11133:2014/A1:2018)
Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media (ISO 11133:2014/Amd 1:2018; EN ISO 11133:2014/A1:2018)

HZN/TO 569, Hrana za životinje

HRN EN 17049:2018 en pr
Hrana za životinje: Metode uzorkovanja i analize – Otkrivanje tilozina, spiramicina, virginijamicina, karbadoksa i olakvindoksa na razini nižoj od aditiva u krmnim smjesama – Analiza za potvrđivanje metodom LC-MS (EN 17049:2018)
Animal feeding stuffs: Methods of sampling and analysis – Identification of tylosin, spiramycin, virginiamycin, carbadox and olaquinox at sub-additive levels in compound feed – Confirmatory analysis by LC-MS (EN 17049:2018)

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

HRN EN 16869:2017/Ispr.1:2018 en pr
Izvedba i postavljanje osiguranih planinarskih staza (via ferrata) (EN 16869:2017/AC:2018)
Design/construction of Via Ferratas (EN 16869:2017/AC:2018)

HRN EN ISO 23537-1:2016/A1:2018 en pr
Zahtjevi za vreće za spavanje – 1. dio: Toplinski zahtjevi i zahtjevi za dimenzije (ISO 23537-1:2016/Amd 1:2018; EN ISO 23537-1:2016/A1:2018)
Requirements for sleeping bags – Part 1: Thermal and dimensional requirements (ISO 23537-1:2016/Amd 1:2018; EN ISO 23537-1:2016/A1:2018)

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

HRN ISO/TS 9002:2018 en pr
Sustavi upravljanja kvalitetom – Smjernice za primjenu norme ISO 9001:2015 (ISO/TS 9002:2016)
Quality management systems – Guidelines for the application of ISO 9001:2015 (ISO/TS 9002:2016)

HRN ISO 31000:2018 en pr
Upravljanje rizicima – Smjernice (ISO 31000:2018)
Risk management – Guidelines (ISO 31000:2018)

HZN/TO 577, Metode ispitivanja za karakterizaciju krutih i tekućih sastavnica i opterećenja okoliša

HRN EN ISO 17601:2018 en pr
Soil quality – Estimation of abundance of selected microbial gene sequences by quantitative PCR from DNA directly extracted from soil (ISO 17601:2016; EN ISO 17601:2018)

HRN EN ISO 18187:2018 en pr
Soil quality – Contact test for solid samples using the dehydrogenase activity of *Arthrobacter globiformis* (ISO 18187:2016; EN ISO 18187:2018)

HRN EN ISO 18311:2018 en pr
Soil quality – Method for testing effects of soil contaminants on the feeding activity of soil dwelling organisms – Bait-lamina test (ISO 18311:2016; EN ISO 18311:2018)

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

HRN EN IEC 62056-6-2:2018 en pr
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 6-2: COSEM razredi sučelja (IEC 62056-6-2:2017; EN IEC 62056-6-2:2018)
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-2: COSEM interface classes (IEC 62056-6-2:2017; EN IEC 62056-6-2:2018)

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

HRN EN IEC 60370:2018 en pr
Ispitni postupak za određivanje toplinske izdržljivosti izolacijskih smola i lakova – Metode električnog proboja (IEC 60370:2017; EN IEC 60370:2018)
Test procedure for thermal endurance of insulating resins and varnishes for impregnation purposes – Electric breakdown methods (IEC 60370:2017; EN IEC 60370:2018)

HRN EN IEC 60893-3-6:2005/A2:2018 en pr
Izolacijski materijali – Industrijski izrađeni kruti laminirani listovi na bazi termoreaktivnih smola za elektrotehničke svrhe – Dio 3-6: Specifikacije za pojedinačne materijale – Zahtjevi za krute laminirane listove na bazi silikonskih smola (IEC 60893-3-6:2003/am2:2017; EN IEC 60893-3-6:2004/A2:2018)
Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-6: Specifications for individual materials – Requirements for rigid laminated sheets based on silicone resins (IEC 60893-3-6:2003/am2:2017; EN IEC 60893-3-6:2004/A2:2018)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN 62271-100:2010/A2:2017/Ispr.1:2018 en pr
Visokonaponska sklopna aparatura – 100. dio: Prekidači izmjenične struje (IEC 62271-100:2008/am2:2017/Corr.1:2018; EN 62271-100:2009/A2:2017/AC:2018)
High-voltage switchgear and controlgear – Part 100: Alternating-current circuit-breakers (IEC 62271-100:2008/am2:2017/Corr.1:2018; EN 62271-100:2009/A2:2017/AC:2018)

HZN/TO E23, Električni instalacijski pribor

HRN EN 60669-1:2018 en pr
Sklopke za kućanstvo i slične fiksne električne instalacije – 1. dio: Opći zahtjevi (IEC 60669-1:2017; EN 60669-1:2018)
Switches for household and similar fixed electrical installations – Part 1: General requirements (IEC 60669-1:2017; EN 60669-1:2018)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60598-1:2015/A1:2018 en pr
Svjetiljke – 1. dio: Opći zahtjevi i ispitivanja (IEC 60598-1:2014/am1:2017; EN 60598-1:2015/A1:2018)
Luminaires – Part 1: General requirements and tests (IEC 60598-1:2014/am1:2017; EN 60598-1:2015/A1:2018)

HRN EN IEC 60809:2015/A2:2018 en pr
Žarulje za cestovna vozila – Dimenzije, električni i svjetlosni zahtjevi (IEC 60809:2014/am2:2017; EN IEC 60809:2015/A2:2018)
Lamps for road vehicles – Dimensional, electrical and luminous requirements (IEC 60809:2014/am2:2017; EN IEC 60809:2015/A2:2018)

HRN EN IEC 60810:2018 en pr
Žarulje, izvori svjetla i svjetleće diode za cestovna vozila – Izvedbeni zahtjevi (IEC 60810:2017; EN IEC 60810:2018)
Lamps, light sources and LED packages for road vehicles – Performance requirements (IEC 60810:2017; EN IEC 60810:2018)

HRN EN IEC 62386-332:2018 en pr
Digitalno upravljanje rasvjetom – 332. dio: Posebni zahtjevi – Ulazni upravljački uređaji – Povratne informacije (IEC 62386-332:2017; EN IEC 62386-332:2018)
Digital addressable lighting interface – Part 332: Particular requirements – Input control devices – Feedback (IEC 62386-332:2017; EN IEC 62386-332:2018)

HRN EN IEC 62554:2012/A1:2018 en pr
Pripremanje uzorka za mjerenje razine žive u fluorescentnim cijevima (IEC 62554:2011/am1:2017; EN IEC 62554:2011/A1:2018)
Sample preparation for measurement of mercury level in fluorescent lamps (IEC 62554:2011/am1:2017; EN IEC 62554:2011/A1:2018)

HZN/TO E37, Odvodnici prenapona

HRN EN IEC 60099-8:2018 en pr
Odvodnici prenapona – 8. dio: Metaloksidni odvodnici prenapona s vanjskim serijskim iskrištem (EGLA) za nadzemne prijenosne i distribucijske vodove sustava izmjenične struje napona većeg od 1 kV (IEC 60099-8:2017; EN IEC 60099-8:2018)
Surge arresters – Part 8: Metal-oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kV (IEC 60099-8:2017; EN IEC 60099-8:2018)

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

HRN EN IEC 62439-3:2018 en pr
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti – 3. dio: Protokol usporedne zalihosti (PRP) i neograničene zalihosti velike raspoloživosti (HSR) (IEC 62439-3:2016; EN IEC 62439-3:2018)
Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR) (IEC 62439-3:2016; EN IEC 62439-3:2018)

HRN EN IEC 62439-5:2018 en pr
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti – 5. dio: Protokol zalihosti signala (IEC 62439-5:2016; EN IEC 62439-5:2018)
Industrial communication networks – High availability automation networks – Part 5: Beacon Redundancy Protocol (BRP) (IEC 62439-5:2016; EN IEC 62439-5:2018)

HRN EN IEC 62828-1:2018 en pr
Početni uvjeti i postupci za ispitivanje industrijskih mjernih prijenosnika – 1. dio: Općeniti postupci za sve vrste prijenosnika (IEC 62828-1:2017; EN IEC 62828-1:2018)
Reference conditions and procedures for testing industrial and process measurement transmitters – Part 1: General procedures for all types of transmitters (IEC 62828-1:2017; EN IEC 62828-1:2018)

HRN EN IEC 62828-2:2018 en pr
Početni uvjeti i postupci za ispitivanje industrijskih mjernih prijenosnika – 2. dio: Posebni postupci za prijenosnike tlaka (IEC 62828-2:2017; EN IEC 62828-2:2018)
Reference conditions and procedures for testing industrial and process measurement transmitters – Part 2: Specific procedures for pressure transmitters (IEC 62828-2:2017; EN IEC 62828-2:2018)

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

- HRN EN IEC 60728-3:2018 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 3. dio: Aktivna širokopojasna oprema za mreže suosnih kabela (IEC 60728-3:2017; EN IEC 60728-3:2018)
Cable networks for television signals, sound signals and interactive services – Part 3: Active wideband equipment for cable networks (TA 5) (IEC 60728-3:2017; EN IEC 60728-3:2018)
- HRN EN IEC 62919:2018 en pr
Content management – Monitoring and management of personal digital content (IEC 62919:2017; EN IEC 62919:2018)
- HRN EN 63029:2017/lSpr.1:2018 en pr
Audio, video and multimedia systems and equipment – Multimedia e-publishing and e-book technologies – Raster-graphics image-based e-books (IEC 63029:2017/Corr.1:2018; EN 63029:2017/AC:2018)

HZN/TO E501, Elektroakustika i ultrazvuk

- HRN EN IEC 60118-4:2015/A1:2018 en pr
Elektroakustika – Slušna pomagala – 4. dio: Sustavi s indukcijskom petljom u slušnim pomagalima – Zahtjevi za karakteristike sustava (IEC 60118-4:2014/am1:2017; EN IEC 60118-4:2015/A1:2018)
Electroacoustics – Hearing aids – Part 4: Induction-loop systems for hearing aid purposes – System performance requirements (IEC 60118-4:2014/am1:2017; EN IEC 60118-4:2015/A1:2018)
- HRN EN IEC 60942:2018 en pr
Elektroakustika – Zvučni kalibratori (IEC 60942:2017; EN IEC 60942:2018)
Electroacoustics – Sound calibrators (IEC 60942:2017; EN IEC 60942:2018)
- HRN EN 62489-1:2012/A2:2018 en pr
Elektroakustika – Sustavi s indukcijskim petljama kao slušna pripomoć u audiofrekvencijskom području – 1. dio: Metode mjerenja i određivanje mogućnosti sastavnice sustava (IEC 62489-1:2010/am2:2017; EN 62489-1:2010/A2:2018)
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/am2:2017; EN 62489-1:2010/A2:2018)

HZN/TO T4, Normizacija u telekomunikacijama

- HRN EN 300 176-1 V2.3.1:2018 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Ispitna specifikacija – 1. dio: Radio (EN 300 176-1 V2.3.1:2018)
Digital Enhanced Cordless Telecommunications (DECT) – Test specification – Part 1: Radio (EN 300 176-1 V2.3.1:2018)
- HRN EN 300 718-1 V2.1.1:2018 en pr
Lavinski radio farovi koji rade na 457 kHz – Sustavi odašiljač-prijamnik – 1. dio: Harmonizirana norma za pristup radijskom spektru (EN 300 718-1 V2.1.1:2018)
Avalanche Beacons operating at 457 kHz – Transmitter-receiver systems – Part 1: Harmonised Standard for access to radio spectrum (EN 300 718-1 V2.1.1:2018)
- HRN EN 300 718-2 V2.1.1:2018 en pr
Lavinski radio farovi koji rade na 457 kHz – Sustavi odašiljač-prijamnik – 2. dio: Harmonizirana norma za značajke hitnih službi (EN 300 718-2 V2.1.1:2018)
Avalanche Beacons operating at 457 kHz – Transmitter-receiver systems – Part 2: Harmonised Standard for features for emergency services (EN 300 718-2 V2.1.1:2018)
- HRN EN 301 598 V2.1.1:2018 en pr
Uređaji bijelog prostora (WSD) – Sustavi bežičnog pristupa koji rade u pojasu od 470 MHz do 790 MHz TV emitiranja – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 301 598 V2.1.1:2018)
White Space Devices (WSD) – Wireless Access Systems operating in the 470 MHz to 790 MHz TV broadcast band – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 301 598 V2.1.1:2018)

HRN EN 302 054 V2.2.1:2018 en pr
Meteorološka pomagala (Met pomagala) – Radiosonde za primjenu u frekvencijskom području od 400,15 MHz do 406 MHz s razinama snage do 200 mW – Harmonizirana norma za pristup radijskom spektru (EN 302 054 V2.2.1:2018)
Meteorological Aids (Met Aids) – Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW – Harmonised Standard for access to radio spectrum (EN 302 054 V2.2.1:2018)

HRN EN 303 454 V1.1.1:2018 en pr
Uređaji kratkoga dometa (SRD) – Senzori za detekciju metala i objekta u frekvencijskom području od 1 kHz do 148,5 kHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 303 454 V1.1.1:2018)
Short Range Devices (SRD) – Metal and object detection sensors in the frequency range 1 kHz to 148,5 kHz – Harmonised standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 303 454 V1.1.1:2018)

HRN EN 305 174-1 V1.1.1:2018 en pr
Pristup, terminali, prijenos i multipleksiranje (ATTM) – Širokopojasna primjena i upravljanje životnim ciklusom elemenata sustava – 1. dio: Pregled, opći i generički aspekti (EN 305 174-1 V1.1.1:2018)
Access, Terminals, Transmission and Multiplexing (ATTM) – Broadband Deployment and Lifecycle Resource Management – Part 1: Overview, common and generic aspects (EN 305 174-1 V1.1.1:2018)

HRN EN 305 174-2 V1.1.1:2018 en pr
Pristup, terminali, prijenos i multipleksiranje (ATTM) – Širokopojasna primjena i upravljanje životnim ciklusom elemenata sustava – 2. dio: ICT lokacije (EN 305 174-2 V1.1.1:2018)
Access, Terminals, Transmission and Multiplexing (ATTM) – Broadband Deployment and Lifecycle Resource Management – Part 2: ICT Sites (EN 305 174-2 V1.1.1:2018)

HRN EN 305 174-8 V1.1.1:2018 en pr
Pristup, terminali, prijenos i multipleksiranje (ATTM) – Upravljanje širokopojasnim pristupom i životnim ciklusom elemenata sustava (resursa) – 8. dio: Upravljanje krajem životnog ciklusa ICT opreme (ICT otpad/životni kraj) (EN 305 174-8 V1.1.1:2018)
Access, Terminals, Transmission and Multiplexing (ATTM) – Broadband Deployment and Lifecycle Resource Management – Part 8: Management of end of life of ICT equipment (ICT waste/end of life) (EN 305 174-8 V1.1.1:2018)

HRN EN 305 200-2-1 V1.1.1:2018 en pr
Pristup, terminali, prijenos i multipleksiranje (ATTM) – Upravljanje energijom – Operativna infrastruktura – Globalni ključni pokazivači izvedbe (KPI) – 2. dio: Posebni zahtjevi – 1. poddio: ICT lokacije (EN 305 200-2-1 V1.1.1:2018)
Access, Terminals, Transmission and Multiplexing (ATTM) – Energy management – Operational infrastructures – Global KPIs – Part 2: Specific requirements – Sub-part 1: ICT Sites (EN 305 200-2-1 V1.1.1:2018)

HRN EN 305 200-3-1 V1.1.1:2018 en pr
Pristup, terminali, prijenos i multipleksiranje (ATTM) – Upravljanje energijom – Operativna infrastruktura – Globalni ključni pokazivači izvedbe (KPI) – 3. dio: ICT lokacije – 1. poddio: DCEM (EN 305 200-3-1 V1.1.1:2018)
Access, Terminals, Transmission and Multiplexing (ATTM) – Energy management – Operational infrastructures – Global KPIs – Part 3: ICT Sites – Sub-part 1: DCEM (EN 305 200-3-1 V1.1.1:2018)

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

HRN EN ISO 22300:2018 en pr
Sigurnost i elastičnost – Terminološki rječnik (ISO 22300:2018; EN ISO 22300:2018)
Security and resilience – Vocabulary (ISO 22300:2018; EN ISO 22300:2018)

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

HRN EN ISO 10364:2018 en pr
Adhezivi za konstrukcije – Određivanje vremena obrade (pot life) višekomponentnih adheziva (ISO 10364:2015; EN ISO 10364:2018)
Structural adhesives – Determination of the pot life (working life) of multi-component adhesives (ISO 10364:2015; EN ISO 10364:2018)

HRN EN ISO 12944-6:2018 en pr
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 6. dio: Metode laboratorijskih ispitivanja svojstava (ISO 12944-6:2018; EN ISO 12944-6:2018)
Paints and varnishes – Corrosion protection of steel structures by protective coating systems – Part 6: Laboratory performance test methods (ISO 12944-6:2018; EN ISO 12944-6:2018)

HRN EN ISO 12944-9:2018 en pr
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavima boja – 9. dio: Zaštitni sustavi boja i metode laboratorijskih ispitivanja svojstava za odobalne i povezane objekte (ISO 12944-9:2018; EN ISO 12944-9:2018)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 9: Protective paint systems and laboratory performance test methods for offshore and related structures (ISO 12944-9:2018; EN ISO 12944-9:2018)

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

HRN EN ISO 7492:2018 en pr
Stomatologija – Stomatološka sonda (ISO 7492:2018; EN ISO 7492:2018)
Dentistry – Dental explorer (ISO 7492:2018; EN ISO 7492:2018)

HRN EN ISO 13897:2018 en pr
Stomatologija – Višekratne kapsule za miješanje dentalnog amalgama (ISO 13897:2018; EN ISO 13897:2018)
Dentistry – Dental amalgam reusable mixing-capsules (ISO 13897:2018; EN ISO 13897:2018)

HRN EN ISO 19023:2018 en pr
Stomatologija – Vijci za sidrenje u ortodontiji (ISO 19023:2018; EN ISO 19023:2018)
Dentistry – Orthodontic anchor screws (ISO 19023:2018; EN ISO 19023:2018)

HRN EN ISO 20126:2012/A1:2018 en pr
Stomatologija – Ručne četkice za zube – Opći zahtjevi i metode ispitivanja (ISO 20126:2012/Amd 1:2018; EN ISO 20126:2012/A1:2018)
Dentistry – Manual toothbrushes – General requirements and test methods (ISO 20126:2012/Amd 1:2018; EN ISO 20126:2012/A1:2018)

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

HRN EN 2795:2018 en pr
Zrakoplovstvo – Fluorouglična guma (FKM) – Nizak indeks slijeganja – Tvrdća 50 IRHD (EN 2795:2018)
Aerospace series – Fluorocarbon rubber (FKM) – Low compressions set – Hardness 50 IRHD (EN 2795:2018)

HRN EN 9223-100:2018 en pr
Upravljanje programom – Upravljanje konfiguracijom – 100. dio: Upute za primjenu načela upravljanja konfiguracijom (EN 9223-100:2018)
Programme Management – Configuration Management – Part 100: A guide for the application of the principles of configuration management (EN 9223-100:2018)

HRN EN 9223-101:2018 en pr
Upravljanje programom – Upravljanje konfiguracijom – 101. dio: Utvrđivanje i označavanje konfiguracije (EN 9223-101:2018)
Programme Management – Configuration Management – Part 101: Configuration identification (EN 9223-101:2018)

HRN EN 9223-102:2018 en pr
Upravljanje programom – Upravljanje konfiguracijom – 102. dio: Knjigovodstvo statusa konfiguracije (EN 9223-102:2018)
Programme Management – Configuration Management – Part 102: Configuration status accounting (EN 9223-102:2018)

HRN EN 9223-103:2018 en pr
Upravljanje programom – Upravljanje konfiguracijom – 103. dio: Verifikacija, pregledi i auditi konfiguracije (EN 9223-103:2018)
Programme Management – Configuration Management – Part 103: Configuration Verifications, Reviews and Audits (EN 9223-103:2018)

HRN EN 9223-104:2018 en pr
Upravljanje programom – Upravljanje konfiguracijom – 104. dio: Nadzor nad konfiguracijom (EN 9223-104:2018)
Programme Management – Configuration Management – Part 104: Configuration Control (EN 9223-104:2018)

HRN EN 9223-105:2018 en pr
Upravljanje programom – Upravljanje konfiguracijom – 105. dio: Pojmovnik (EN 9223-105:2018)
Programme Management – Configuration Management – Part 105: Glossary (EN 9223-105:2018)

HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60068-2-52:2018 en pr
Ispitivanje utjecaja okoliša – 2. dio: Ispitivanja – Kb ispitivanje: Slana magla, ciklički (natrijev klorid) (IEC 60068-2-52:2017; EN IEC 60068-2-52:2018)
Environmental testing – Part 2: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution) (IEC 60068-2-52:2017; EN IEC 60068-2-52:2018)

HRN EN IEC 62822-3:2018 en pr
Električni oprema za zavarivanje – Procjena u vezi s ograničenjem izloženosti ljudi elektromagnetskim poljima (0 Hz do 300 Hz) – 3. dio: Oprema za elektrootporno zavarivanje (IEC 62822-3:2017; EN IEC 62822-3:2018)
Electric welding equipment – Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) – Part 3: Resistance welding equipment (IEC 62822-3:2017; EN IEC 62822-3:2018)

HZN/TU V1, Elektronika 1

HRN EN 60068-2-69:2017/Ispr.1:2018 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/Corr.1:2018; EN 60068-2-69:2017/AC:2018)

HRN EN IEC 60749-12:2018 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 12: Vibration, variable frequency (IEC 60749-12:2017; EN IEC 60749-12:2018)

HRN EN IEC 60793-1-45:2018 en pr
Optical fibre – Part 1-45: Measurement methods – Mode field diameter measurement (IEC 60793-1-45:2017; EN IEC 60793-1-45:2018)

HRN EN IEC 60793-1-47:2018 en pr
Optical fibres – Part 1-47: Measurement methods and test procedures – Macrobending loss (IEC 60793-1-47:2017; EN IEC 60793-1-47:2018)

HRN EN IEC 61076-2-111:2018 en pr
Connectors for electrical and electronic equipment – Product requirements – Part 2-111: Circular connectors – Detail specification for power connectors with M12 screw-locking (IEC 61076-2-111:2017; EN IEC 61076-2-111:2018)

HRN EN IEC 61190-1-3:2018 en pr
Attachment materials for electronic assembly – Part 1-3: Requirements for electronic grade solder alloys and fluxed and non-fluxed solid solder for electronic soldering applications (IEC 61190-1-3:2017; EN IEC 61190-1-3:2018)

HRN EN IEC 61281-1:2018 en pr
Fibre optic communication subsystems – Part 1: Generic specification (IEC 61281-1:2017; EN IEC 61281-1:2018)

HRN EN IEC 62024-1:2018 en pr
High frequency inductive components – Electrical characteristics and measuring methods – Part 1: Nanohenry range chip inductor (IEC 62024-1:2017; EN IEC 62024-1:2018)

HRN EN IEC 62148-1:2018 en pr
Fibre optic active components and devices – Package and interface standards – Part 1: General and guidance (IEC 62148-1:2017; EN IEC 62148-1:2018)

HRN EN IEC 62604-2:2018 en pr
Surface Acoustic Wave (SAW) and Bulk Acoustic Wave (BAW) duplexers of assessed quality – Part 2: Guidelines for the use (IEC 62604-2:2017; EN IEC 62604-2:2018)

HRN EN IEC 62969-1:2018 en pr
Semiconductor devices – Semiconductor interface for automotive vehicles – Part 1: General requirements of power interface for automotive vehicle sensors (IEC 62969-1:2017; EN IEC 62969-1:2018)

HRN EN IEC 63041-1:2018 en pr
Piezoelectric Sensors – Part 1: Generic Specifications
(IEC 63041-1:2017; EN IEC 63041-1:2018)

HRN EN IEC 63041-2:2018 en pr
Piezoelectric Sensors – Part 2: Chemical and Biochemical
Sensors (IEC 63041-2:2017; EN IEC 63041-2:2018)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN IEC 60519-12:2018 en pr
Sigurnost u instalacijama za električno grijanje i
elektromagnetsku obradu – 12. dio: Posebni zahtjevi za
infracrvenog električno grijanje (IEC 60519-12:2016;
EN IEC 60519-12:2018)
Safety in installations for electroheating and electromagnetic
processing – Part 12: Particular requirements for infrared
electroheating (IEC 60519-12:2016; EN IEC 60519-12:2018)

HRN EN IEC 62933-2-1:2018 en pr
Sustavi za pohranu električne energije (EES) – Dio 2-1:
Parametri i ispitne metode jedinica – Opća specifikacija
(IEC 62933-2-1:2017; EN IEC 62933-2-1:2018)
Electrical energy storage (EES) systems – Part 2-1: Unit
parameters and testing methods – General specification
(IEC 62933-2-1:2017; EN IEC 62933-2-1:2018)

1.2 Nacrti hrvatskih norma

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

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

HZN/TO 548, Konstrukcijski eurokodovi

nHRN EN 1993-4-1:2014/A1 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-1: Silosi
(EN 1993-4-1:2007/A1:2017)
Eurocode 3: Design of steel structures – Part 4-1: Silos
(EN 1993-4-1:2007/A1:2017)

nHRN EN 1993-4-1:2014/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-1: Silosi
– Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-1: Silos
– National Annex

nHRN EN 1993-4-2:2014/A1 hr pp
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-2:
Spremnici (EN 1993-4-2:2007/A1:2017)
Eurocode 3: Design of steel structures – Part 4-2: Tanks
(EN 1993-4-2:2007/A1:2017)

nHRN EN 1993-4-2:2014/NA hr izv
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 4-2:
Spremnici – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 4-2: Tanks
– National Annex

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma.

Pisane primjedbe na prijedloge za prihvaćanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 8, Brodogradnja

prEN ISO 11812 en
Small craft – Watertight or quick draining recesses and
cockpits (ISO/DIS 11812:2018)
Mala plovila – Vodonepropusni kokpiti i brzoprazneći kokpiti
(ISO/DIS 11812:2018)

HZN/TO 44, Zavarivanje i srodni postupci

prEN ISO 13588 en
Non-destructive testing of welds – Ultrasonic testing – Use of
automated phased array technology (ISO/DIS 13588:2018)
Nerazorno ispitivanje zavarenih spojeva – Ultrazvučno
ispitivanje – Upotreba sustava automatske višepretvorničke
tehnologije (ISO/DIS 13588:2018)

HZN/TO 92, Zaštita od požara

prEN 1366-3 en
Fire resistance tests for service installations – Part 3:
Penetration seals
Ispitivanja otpornosti servisnih instalacija na požar – 3. dio:
Penetracijska brtvila

HZN/TO 120, Koža i obuća

prEN ISO 26082-1 en
Leather – Physical and mechanical test methods for the
determination of soiling – Part 1: Rubbing (Martindale) method
(ISO/DIS 26082-1:2018)
Koža – Fizikalne i mehaničke metode ispitivanja za
određivanje zaprljanja – 1. dio: Metoda trljanja (Martindale)
(ISO/DIS 26082-1:2018)

HZN/TO 163, Toplinska izolacija

prEN 16491 en
Thermal insulation products for buildings – Factory made
composite products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički
proizvedeni kompozitni proizvodi – Specifikacija

HZN/TO 172, Optika i optički instrumenti

ISO 17123-5:2018 en
Optics and optical instruments – Field procedures for testing
geodetic and surveying instruments – Part 5: Total stations
Optika i optički instrumenti – Terenski postupci za ispitivanje
geodetskih instrumenata i instrumenata izmjere – 5. dio:
Geodetske mjerne stanice

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

prEN 81-20 en
Safety rules for the construction and installation of lifts – Lifts
for the transport of persons and goods – Part 20: Passenger
and goods passenger lifts
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala
za prijevoz osoba i tereta – 20. dio: Osobna dizala i teretno
osobna dizala

prEN 81-22 en
Safety rules for the construction and installation of lifts – Lifts
for the transport of persons and goods – Part 22: Passenger
and goods passenger lifts with inclined travel path

prEN 81-50 en

Safety rules for the construction and installation of lifts – Examinations and tests – Part 50: Design rules, calculations, examinations and tests of lift components
Sigurnosna pravila za konstrukciju i ugradnju dizala – Pregledi i ispitivanja – 50. dio: Pravila projektiranja, proračuni, pregledi i ispitivanja dijelova dizala

prEN 81-72 en

Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 72: Firefighters lifts
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 72. dio: Vatrogasna dizala

prEN 81-73 en

Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 73: Behaviour of lifts in the event of fire
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 73. dio: Način rada dizala u slučaju požara

HZN/TO 182, Geotehničke konstrukcije

prEN ISO 17892-10 en

Geotechnical investigation and testing – Laboratory testing of soil – Part 10: Direct shear tests (ISO/DIS 17892-10:2018)
Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 10. dio: Izravni posmik (ISO/DIS 17892-10:2018)

prEN ISO 17892-11 en

Geotechnical investigation and testing – Laboratory testing of soil – Part 11: Permeability tests (ISO/DIS 17892-11:2018)
Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 11. dio: Ispitivanja propusnosti (ISO/DIS 17892-11:2018)

HZN/TO 207, Upravljanje okolišem

prEN ISO 14005 en

Environmental management systems – Guidelines for a flexible approach to phased implementation (ISO/DIS 14005:2018)
Sustavi upravljanja okolišem – Smjernice za fleksibilan pristup provedbi u fazama (ISO/DIS 14005:2018)

HZN/TO 217, Kozmetika

prEN ISO 11930 rev en

Cosmetics – Microbiology – Evaluation of the antimicrobial protection of a cosmetic product (ISO/DIS 11930:2018)
Kozmetika – Mikrobiologija – Vrednovanje antimikrobne zaštite kozmetičkog proizvoda (ISO/DIS 11930:2018)

HZN/TO 219, Podne obloge

prEN 16641 en

Textile floor coverings – Guidelines for acceptable colour deviations
Tekstilne podne obloge – Smjernice za prihvatljivo odstupanje obojenja

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 8289-2 en

Vitreous and porcelain enamels – Low-voltage test for detecting and locating defects – Part 2: Slurry test for profile surfaces (ISO/DIS 8289-2:2018)
Staklasti i porculanski emajli – Niskonaponsko ispitivanje za otkrivanje i određivanje mjesta nepravilnosti – 2. dio: Ispitivanje profiliranih površina tiksotropnom smjesom (ISO/DIS 8289-2:2018)

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

prEN ISO 29001 en

Petroleum, petrochemical and natural gas industries – Sector-specific quality management systems – Requirements for product and service supply organizations (ISO/DIS 29001:2018)
Industrija nafte, petrokemije i prirodnog plina – Područje-posebni sustavi upravljanja kvalitetom – Zahtjevi za organizacije koje isporučuju proizvode i usluge (ISO/DIS 29001:2018)

HZN/TO 508, Ambalaža i pakiranje

prEN 14848 en

Aerosol containers – Metal containers with 25,4 mm aperture – Dimensions of valve cups
Spremnici za aerosole – Metalni spremnici s otvorom 25,4 mm – Dimenzije tijela ventila

prEN 17220 en

Packaging – Flexible aluminium tubes – Tube nozzles

HZN/TO 531, Plastika i guma

prEN ISO 6721-1 en

Plastics – Determination of dynamic mechanical properties – Part 1: General principles (ISO/DIS 6721-1:2018)
Plastika – Određivanje dinamičkih mehaničkih svojstava – 1. dio: Opća načela (ISO/DIS 6721-1:2018)

prEN ISO 6721-2 en

Plastics – Determination of dynamic mechanical properties – Part 2: Torsion-pendulum method (ISO/DIS 6721-2:2018)
Plastika – Određivanje dinamičkih mehaničkih svojstava – 2. dio: Metoda torzijskog njihala (ISO/DIS 6721-2:2018)

prEN 17228 en

Plastics – Bio-based polymers, plastics, and plastic products – Terminology, characteristics and communication

prEN ISO 21302-1 en

Plastics – Polybutene-1 (PB-1) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO/DIS 21302-1:2018)
Plastika – Polibutenski (PB) prešani i ekstrudirani materijali – 1. dio: Sustav označavanja i osnove za specifikacije (ISO/DIS 21302-1:2018)

prEN ISO 21302-2 en

Plastics – Polybutene-1 (PB-1) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO/DIS 21302-2:2018)
Plastika – Polibutenski (PB) prešani i ekstrudirani materijali – 2. dio: Priprema ispitaka i određivanje svojstava (ISO/DIS 21302-2:2018)

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

prEN 13024-1 en

Glass in building – Thermally toughened borosilicate safety glass – Part 1: Definition and description
Staklo u graditeljstvu – Kaljeno borosilikatno sigurnosno staklo – 1. dio: Definicija i opis

prEN 13024-2 en

Glass in building – Thermally toughened borosilicate safety glass – Part 2: Product standard
Staklo u graditeljstvu – Kaljeno borosilikatno sigurnosno staklo – 2. dio: Norma za proizvod

prEN 17213 en

Windows and doors – Environmental Product Declarations – Product category rules for windows and pedestrian doorsets
Prozori i vrata – Izjava zaštite okoliša – Pravila za kategorizaciju proizvoda za prozore i vrata za pješake

HZN/TO 556, Osobna zaštitna oprema

ISO 45001:2018 en

Occupational health and safety management systems – Requirements with guidance for use
Sustavi upravljanja zaštitom zdravlja i sigurnosti pri radu – Zahtjevi s uputama za uporabu

HZN/TO 560, Tekstilni proizvodi

prEN 17130 en

Textile products – Critical substances potentially present in components of textile products – Test method to quantitatively determine dimethylfumarate (DMFu) in textile product materials

prEN 17131 en

Textiles and textile products – Critical substances potentially present in components of textile product materials – Determination of dimethylformamide (DMF), method using gas chromatography

prEN 17132 en

Textiles and textile products – Critical substances potentially present in components of textile product materials – Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using chromatographic techniques

prEN 17134 en

Textiles and textile products – Critical substances potentially present in components of textile product materials – Determination of certain preservatives, method using liquid chromatography

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

prEN ISO 19884 en

Gaseous hydrogen – Cylinders and tubes for stationary storage (ISO/DIS 19884:2018)
Plinoviti vodik – Boce i cilindrični spremnici za stacionarno skladištenje (ISO/DIS 19884:2018)

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

prEN 17229 en

Fitness centres – Requirements for centre amenities and operation – Part 1: Operational and managerial requirements

prEN 17232 en

Water play equipment and features – Safety requirements, test methods and operational requirements

EN ISO 20957-9:2016/prA1 en

Stationary training equipment – Part 9: Elliptical trainers; additional specific safety requirements and test methods (ISO 20957-9:2016/Damd 1:2018)
Nepomična oprema za vježbanje – 9. dio: Sprave za vježbanje s eliptičnim kretanjem, dodatni posebni sigurnosni zahtjevi i metode ispitivanja (ISO 20957-9:2016/Damd 1:2018)

HZN/TO 577, *Metode ispitivanja za karakterizaciju krutih i tekućih sastavnica i opterećenja okoliša*

prEN ISO 11274 en

Soil quality – Determination of the water-retention characteristic – Laboratory methods (ISO/DIS 11274:2018)
Kvaliteta tla – Određivanje sposobnosti zadržavanja vode – Laboratorijske metode (ISO/DIS 11274:2018)

prEN 16192 en

Waste – Analysis of eluates
Otpad – Analize eluata

EN ISO 16558-1:2015/prA1 en

Soil quality – Risk-based petroleum hydrocarbons – Part 1: Determination of aliphatic and aromatic fractions of volatile petroleum hydrocarbons using gas chromatography (static headspace method) (ISO 16558-1:2015/DAMD 1:2018)
Kvaliteta tla – Naftni ugljikovodici koji predstavljaju rizik – 1. dio: Određivanje alifatskih i aromatskih frakcija hlapljivih naftnih ugljikovodika plinskom kromatografijom (statička metoda ubrizgavanja lakohlapljivih spojeva (headspace metoda)) (ISO 16558-1:2015/DAMD 1:2018)

prEN ISO 23611-3 en

Soil quality – Sampling of soil invertebrates – Part 3: Sampling and extraction of enchytraeids (ISO/DIS 23611-3:2018)
Kvaliteta tla – Uzorkovanje beskralježnjaka u tlu – 3. dio: Uzorkovanje i izdvajanje vrsta iz porodice Enchytraeidae (ISO/DIS 23611-3:2018)

HZN/TO E55, *Žice za namote*

prEN 60317-0-8:2018 en

Specifications for particular types of winding wires – Part 0-8: General requirements – Polyester glass fibre wound, resin or varnish impregnated or not impregnated, bare or enamelled rectangular copper wire (IEC 60317-0-8:201X)
Specifikacije pojedinih vrsta žica za namote – Dio 0-8: Opći zahtjevi – Nelakirana ili lakirana profilna bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana lakom ili smolom ili neimpregnirana (IEC 60317-0-8:201X)

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

EN 60601-2-43:2010/prA2:2018 en

Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2010/am2:201X)
Medicinski električni uređaji – Dio 2-43: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke rendgenskih uređaja za intervencijske zahvate (IEC 60601-2-43:2010/am2:201X)

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

EN IEC 62453-303-1:2009/A1:2018 en

Field device tool (FDT) interface specification – Part 303-1: Communication profile integration – IEC 61784 CP 3/1 and CP 3/2 (IEC 62453-303-1:2009/am1:2016)
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – Dio 303-1: Integracija komunikacijskog profila – IEC 61784 CP 3/1 and CP 3/2 (IEC 62453-303-1:2009/am1:2016)

HZN/TO E76, *Sigurnost optičkoga zračenja i laserska oprema*

prEN 50689:2018 en

Safety of laser products – Particular Requirements for Consumer Laser Products
Sigurnost laserskih proizvoda – Posebni zahtjevi za potrošačke laserske proizvode

HZN/TO E78, *Rad pod naponom*

FprEN 61482-2:2018/FprAA:2018 en

Live working – Protective clothing against the thermal hazards of an electric arc – Part 2: Requirements
Rad pod naponom – Zaštitna odjeća protiv toplinskih opasnosti od električnog luka – 2. dio: Zahtjevi

HZN/TO Z1, *Informacijska tehnologija*

prEN 17230 en

Information technology – RFID in rail

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

prEN ISO/ASTM 52901 en

Additive manufacturing – General principles – Requirements for purchased AM parts (ISO/ASTM 52901:2017)

HZN/TU I2, *Strojarstvo 2*

prEN ISO 21183-2 en

Light conveyor belts – Part 2: List of equivalent terms (ISO/DIS 21183-2:2018)
Lagane transportne trake – 2. dio: Popis ekvivalentnih pojmova (ISO/DIS 21183-2:2018)

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

prEN ISO 8536-4 en

Infusion equipment for medical use – Part 4: Infusion sets for single use, gravity feed (ISO/DIS 8536-4:2018)
Oprema za infuziju za medicinsku primjenu – 4. dio: Pribori za infuziju za jednokratnu upotrebu, s gravitacijskim punjenjem (ISO/DIS 8536-4:2018)

prEN ISO 27020 en

Dentistry – Brackets and tubes for use in orthodontics (ISO/DIS 27020:2018)
Stomatologija – Bravice i tubusi za upotrebu u ortodonciji (ISO/DIS 27020:2018)

EN ISO 80601-2-56:2017/prA1 en

Medical electrical equipment – Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement (ISO 80601-2-56:2017/Damd 1:2018)
Medicinska električna oprema – Dio 2-56: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke kliničkih termometara za mjerenje tjelesne temperature (ISO 80601-2-56:2017/Damd 1:2018)

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

- FprEN 2031 en
Aerospace series – Steel 102Cr6 (1.2067) – Hardened and tempered – Bars
- FprEN 2319 en
Aerospace series – Aluminium alloy 2024 – T3510 – Drawn bar – $a \leq 75$ mm
- FprEN 2387 en
Aerospace series – Aluminium alloy 2014A-T6 – Tubes for structures – $0, 6 \text{ mm} \leq a \leq 12, 5 \text{ mm}$
- FprEN 2450 en
Aerospace series – Steel 31Ni10 – $1\ 230 \text{ MPa} \leq R_m \leq 1\ 420 \text{ MPa}$ – Bars – $De \leq 40$ mm
- FprEN 2475 en
Aerospace series – Steel 30CrNiMo8 (1.6580) – Air melted – Hardened and tempered – Bar for machining – $De \leq 100$ mm – $1\ 100 \text{ MPa} \leq R_m \leq 1\ 300 \text{ MPa}$
- FprEN 2540 en
Aerospace series – Steel X7CrNiAl17-7 (1.4568) – Air melted – Solution treated and precipitation hardened – Sheet and strip – $a \leq 6$ mm – $1\ 240 \text{ MPa} \leq R_m \leq 1\ 450 \text{ MPa}$
- FprEN 2541 en
Aerospace series – Steel FE-PA18 – Quenched and cold drawn – Wire for spring – $D \leq 4,0$ mm
- FprEN 2591-318 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 318: Fire-resistance
Nizovi o zrakoplovstvu – Elementi električne i optičke veze – Metode ispitivanja – 318. dio: Otpornost na vatru
- FprEN 2591-326 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 326: Fire immersion test
- FprEN 2878 en
Aerospace series – Nuts, anchor, self-locking, air resistant, sealing, floating, two lug, with counterbore, in alloy steel, cadmium plated, MoS2 lubricated – Classification: 900 MPa (at ambient temperature)/235 °C
- FprEN 2880 en
Aerospace series – Nuts, anchor, self-locking, fuel resistant, sealing, floating, two lug, with counterbore, in alloy steel, cadmium plated, MoS2 lubricated – Classification: 900 MPa (at ambient temperature)/120 °C
- FprEN 2894 en
Aerospace series – Nuts, bihexagonal, self-locking; with counterbore, in heat resisting nickel base alloy, passivated, MoS2 lubricated – Classification: 1 550 MPa (at ambient temperature)/315 °C
- FprEN 3660-003 en
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 003: Grommet nut, style A – Product standard
- FprEN 3660-004 en
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 004: Cable outlet, style A, straight, unsealed with clamp strain relief – Product standard
- FprEN 3660-005 en
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief – Product standard
- FprEN 4165-026 en
Aerospace series – Connector, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 026: Accessories for single module connector – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 026: Oprema za samostalne module – Norma za proizvod
- FprEN 4510 en
Aerospace series – Pipe couplings, 60°, spherical, in titanium alloy Ti-P64001, adapters, straight, double end, with locking ring

FprEN 4611-002 en
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 002: General
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višezilni sklop – XLETFE porodica – 002. dio: Općenito

FprEN 4611-004 en
Aerospace series – Cables, electrical, for general purpose, single and multicore assembly – XLETFE Family – Part 004: Tin plated copper – Operating temperatures, between - 65 °C and 135 °C – Dual extruded wall for open applications – UV laser printable – Product standard
Zrakoplovstvo – Kabeli, električni, opće namjene, jednožilni i višezilni sklop – XLETFE porodica – 004. dio: Bakar prevučen kositrom – Radna temperatura između - 65 °C i 135 °C – Dvostruki ekstrudirani zid za upotrebu na otvorenom – Ispisivanje pomoću UV lasera – Norma za proizvod

FprEN 4708-106 en
Aerospace series – Sleeving, heat-shrinkable, for binding, insulation and identification – Part 106: Limited fire hazard sleeving – Operating temperature – 30 °C to 150 °C – Product standard

FprEN 4710-01 en
Aerospace series – Quick release fastening systems for non-structural applications – Part 01: Technical specification
Zrakoplovstvo – Brzo otpuštajući spojni sustav za nekonstrukcijske primjene – Dio 01: Tehnička specifikacija

FprEN 4710-03 en
Aerospace series – Quick release fastening systems for non-structural applications – Part 03: Spring clamp
Zrakoplovstvo – Brzo otpuštajući spojni sustav za nekonstrukcijske primjene – Dio 03: Opružna stezaljka

FprEN 4726 en
Aerospace series – Acceptance parameters of aesthetical variations for all visible equipment installed in aircraft cabins under all contractual variations

FprEN 4840-101 en
Aerospace series – Heat shrinkable moulded shapes – Part 101: Polyolefin, semi-rigid, limited fire hazard – Temperature range – 30 °C to 105 °C – Product standard

FprEN 9107 en
Aerospace series – Quality systems – Direct Delivery Authorization – Guidance for Aerospace Companies

HZN/TU V1, *Elektronika 1*

prEN 62433-1:2018 en
EMC IC modelling – Part 1: General modelling framework (IEC 62433-1:201X)

prEN 63137-1:2018 en
Standard test radio-frequency connectors Part 1: Generic specification – General requirements and test methods (IEC 63137-1:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

EN 50465:2015/prA1:2018 en
Gas appliances – Combined heat and power appliance of nominal heat input inferior or equal to 70 kW

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 8, Brodogradnja

HRN ISO 6482:2014 en
Brodogradnja – Palubni strojevi – Profili bubnja za namatanje užeta (ISO 6482:1980)
Shipbuilding – Deck machinery – Warping end profiles (ISO 6482:1980)
- zamijenjena s: HRN ISO 6482:2018

HRN ISO 7825:2002 en
Brodogradnja – Palubni strojevi – Opći zahtjevi (ISO 7825:1985)
Shipbuilding – Deck machinery – General requirements (ISO 7825:1985)
- zamijenjena s: HRN ISO 7825:2018

HRN EN ISO 8099:2004 en
Mala plovila – Sustav za prikupljanje sanitarnog otpada (ISO 8099:2000; EN ISO 8099:2000)
Small craft – Toilet waste retention systems (ISO 8099:2000; EN ISO 8099:2000)
- zamijenjena s: HRN EN ISO 8099-1:2018

HZN/TO 21, Protupožarna i vatrogasna oprema

HRN EN 1568-1:2008 en
Sredstva za gašenje požara – Pjenila – 1. dio: Specifikacija pjenila za dobivanje pjene srednje ekspanzije za površinsku primjenu na tekućinama koje se ne miješaju s vodom (EN 1568-1:2008)
Fire extinguishing media – Foam concentrates – Part 1: Specification for medium expansion foam concentrates for surface application to water-immiscible liquids (EN 1568-1:2008)
- zamijenjena s: HRN EN 1568-1:2018

HRN EN 1568-2:2008 en
Sredstva za gašenje požara – Pjenila – 2. dio: Specifikacija pjenila za dobivanje pjene visoke ekspanzije za površinsku primjenu na tekućinama koje se ne miješaju s vodom (EN 1568-2:2008)
Fire extinguishing media – Foam concentrates – Part 2: Specification for high expansion foam concentrates for surface application to water-immiscible liquids (EN 1568-2:2008)
- zamijenjena s: HRN EN 1568-2:2018

HRN EN 1568-2:2008/Ispr.1:2011 en
Sredstva za gašenje požara – Pjenila – 2. dio: Specifikacija pjenila za dobivanje pjene visoke ekspanzije za površinsku primjenu na tekućinama koje se ne miješaju s vodom (EN 1568-2:2008/AC:2010)
Fire extinguishing media – Foam concentrates – Part 2: Specification for high expansion foam concentrates for surface application to water-immiscible liquids (EN 1568-2:2008/AC:2010)
- zamijenjena s: HRN EN 1568-2:2018

HRN EN 1568-4:2008 en
Sredstva za gašenje požara – Pjenila – 4. dio: Specifikacija pjenila za dobivanje pjene niske ekspanzije za površinsku primjenu na tekućinama koje se miješaju s vodom (EN 1568-4:2008)
Fire extinguishing media – Foam concentrates – Part 4: Specification for low expansion foam concentrates for surface application to water-miscible liquids (EN 1568-4:2008)
- zamijenjena s: HRN EN 1568-4:2018

HZN/TO 22, Cestovna vozila

HRN EN 1646-1:2012 en
Vozila za odmor – Motorna vozila za stanovanje – 1. dio: Smještajni zahtjevi koji se odnose na zdravlje i sigurnost (EN 1646-1:2012)
Leisure accommodation vehicles – Motor caravans – Part 1: Habitation requirements relating to health and safety (EN 1646-1:2012)
- zamijenjena s: HRN EN 1646-1:2018

HZN/TO 25, Ljevarstvo

HRN EN ISO 945-1:2009 en
Mikrostruktura željeznih lijevova – 1. dio: Razredba grafita vizualnom analizom (ISO 945-1:2008; EN ISO 945-1:2008)
Microstructure of cast irons – Part 1: Graphite classification by visual analysis (ISO 945-1:2008; EN ISO 945-1:2008)
- zamijenjena s: HRN EN ISO 945-1:2018

HRN EN ISO 945-1:2009/Ispr.1:2011 en
Mikrostruktura željeznih lijevova – 1. dio: Razredba grafita vizualnom analizom (ISO 945-1:2008/Cor 1:2010; EN ISO 945-1:2008/AC:2010)
Microstructure of cast irons – Part 1: Graphite classification by visual analysis (ISO 945-1:2008/Cor 1:2010; EN ISO 945-1:2008/AC:2010)
- zamijenjena s: HRN EN ISO 945-1:2018

HZN/TO 43, Akustika

HRN EN ISO 389-1:2001 en
Akustika – Referentna razina za umjeravanje audiometara – 1. dio: Referentne razine ekvivalentnoga zvučnog tlaka praga za čiste tonove i supraauralne slušalice (ISO 389-1:1998; EN ISO 389-1:2000)
Acoustics – Reference zero for the calibration of audiometric equipment – Part 1: Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones (ISO 389-1:1998; EN ISO 389-1:2000)
- zamijenjena s: HRN EN ISO 389-1:2018

HRN EN ISO 3822-3:1998 en
Akustika – Laboratorijska ispitivanja emisije buke od naprava i opreme korištene u instalacijama za opskrbu vodom – 3. dio: Uvjeti postave i rada prolaznih ventila i naprava (ISO 3822-3:1997; EN ISO 3822-3:1997)
Acoustics – Laboratory tests on noise emission from appliances and equipment used in water supply installation – Part 3: Mounting and operating conditions for in-line valves and appliances (ISO 3822-3:1997; EN ISO 3822-3:1997)
- zamijenjena s: HRN EN ISO 3822-3:2018

HRN EN ISO 3822-3:1998/A1:2010 en
Akustika – Laboratorijska ispitivanja emisije buke od naprava i opreme koja se upotrebljava u instalacijama za opskrbu vodom – 3. dio: Uvjeti ugradnje i rada prolaznih ventila i naprava – Amandman 1 (ISO 3822-3:1997/Amd 1:2009; EN ISO 3822-3:1997/A1:2009)
Acoustics – Laboratory tests on noise emission from appliances and equipment used in water supply installations – Part 3: Mounting and operating conditions for in-line valves and appliances – Amendment 1 (ISO 3822-3:1997/Amd 1:2009; EN ISO 3822-3:1997/A1:2009)
- zamijenjena s: HRN EN ISO 3822-3:2018

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 11666:2012 en
Nerazorno ispitivanje zavarenih spojeva – Ultrazvučno ispitivanje – Razine prihvatljivosti (ISO 11666:2010; EN ISO 11666:2010)
Non-destructive testing of welds – Ultrasonic testing – Acceptance levels (ISO 11666:2010; EN ISO 11666:2010)
- zamijenjena s: HRN EN ISO 11666:2018

HRN EN ISO 15011-4:2008 en
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Laboratorijska metoda za uzorkovanje dima i plinova – 4. dio: Obrasci za podatke o dimu (ISO 15011-4:2006; EN ISO 15011-4:2006)
Health and safety in welding and allied processes – Laboratory method for sampling fume and gases – Part 4: Fume data sheets (ISO 15011-4:2006; EN ISO 15011-4:2006)
- zamijenjena s: HRN EN ISO 15011-4:2018

HRN EN ISO 15011-4:2008/A1:2009 en

Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Laboratorijska metoda za uzorkovanje dima i plinova – 4. dio: Obrasci za podatke o dimu (ISO 15011-4:2006/Amd 1:2008; EN ISO 15011-4:2006/A1:2008)
Health and safety in welding and allied processes – Laboratory method for sampling fume and gases – Part 4: Fume data sheets (ISO 15011-4:2006/Amd 1:2008; EN ISO 15011-4:2006/A1:2008)
- zamijenjena s: HRN EN ISO 15011-4:2018

HRN EN ISO 26304:2012 en

Dodatni i potrošni materijali za zavarivanje – Elektrode od pune žice, elektrode od žice punjene praškom i kombinacije elektrode i praška za elektrolučno zavarivanje pod praškom čelika visoke čvrstoće – Razredba (ISO 26304:2011; EN ISO 26304:2011)
Welding consumables – Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels – Classification (ISO 26304:2011; EN ISO 26304:2011)
- zamijenjena s: HRN EN ISO 26304:2018

HZN/TO 108, Mehaničke vibracije i udari

HRN ISO 17359:2018 en

Nadzor stanja i dijagnostika strojeva – Opće smjernice (ISO 17359:2011)
Condition monitoring and diagnostics of machines – General guidelines (ISO 17359:2011)
- zamijenjena s: HRN ISO 17359:2018

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 80601-2-55:2012 en

Medicinski električni uređaji – Dio 2-55: Posebni zahtjevi za osnovnu sigurnost i nužne značajke opreme za praćenje dišnih plinova (ISO 80601-2-55:2011; EN ISO 80601-2-55:2011)
Medical electrical equipment – Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors (ISO 80601-2-55:2011; EN ISO 80601-2-55:2011)
- zamijenjena s: HRN EN ISO 80601-2-55:2018

HZN/TO 135, Nerazorna ispitivanja

HRN EN 13185/A1:2007 en

Nerazorno ispitivanje – Ispitivanje propusnosti – Metoda ispitnog plina (EN 13185:2001/A1:2003)
Non-destructive testing – Leak testing – Tracer gas method (EN 13185:2001/A1:2003)
- zamijenjena s: HRN EN ISO 20485:2018

HRN EN 13185:2001 en

Nerazorno ispitivanje – Ispitivanje propusnosti – Metoda ispitnog plina (EN 13185:2001)
Non-destructive testing – Leak testing – Tracer gas method (EN 13185:2001)
- zamijenjena s: HRN EN ISO 20485:2018

HRN EN 13192:2003 en

Nerazorno ispitivanje – Ispitivanje propusnosti – Umjeravanje referencijskog etalona za propuštanje plinova (EN 13192:2001)
Non destructive testing – Leak testing – Calibration of reference leaks for gases (EN 13192:2001)
- zamijenjena s: HRN EN ISO 20486:2018

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

HRN EN ISO 11296-4:2011 en

Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 4. dio: Oblaganje nanošenjem strukturiranih duromernih slojeva na terenu (ISO 11296-4:2009, ispravljena verzija 2010-06-01; EN ISO 11296-4:2011)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 4: Lining with cured-in-place pipes (ISO 11296-4:2009, corrected version 2010-06-01; EN ISO 11296-4:2011)
- zamijenjena s: HRN EN ISO 11296-4:2018

HRN EN 13566-2:2005 en

Plastični cijevni sustavi za obnavljanje podzemnih netlačnih mreža za odvodnju i kanalizaciju – 2. dio: Obnavljanje s kontinuiranim cijevima (EN 13566-2:2005)
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 2: Lining with continuous pipes (EN 13566-2:2005)
- zamijenjena s: HRN EN ISO 11296-2:2018

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 14688-1:2008 en

Geotehničko istraživanje i ispitivanje – Identifikacija i klasifikacija tla – 1. dio: Identifikacija i opis (ISO 14688-1:2002; EN ISO 14688-1:2002)
Geotechnical investigation and testing – Identification and classification of soil – Part 1: Identification and description (ISO 14688-1:2002; EN ISO 14688-1:2002)
- zamijenjena s: HRN EN ISO 14688-1:2018

HRN EN ISO 14688-1:2008/A1:2013 en

Geotehničko istraživanje i ispitivanje – Identifikacija i klasifikacija tla – 1. dio: Identifikacija i opis – Amandman 1 (ISO 14688-1:2002/Amd 1:2013; EN ISO 14688-1:2002/A1:2013)
Geotechnical investigation and testing – Identification and classification of soil – Part 1: Identification and description – Amendment 1 (ISO 14688-1:2002/Amd 1:2013; EN ISO 14688-1:2002/A1:2013)
- zamijenjena s: HRN EN ISO 14688-1:2018

HRN EN ISO 14688-2:2008 en

Geotehničko istraživanje i ispitivanje – Identifikacija i klasifikacija tla – 2. dio: Načela klasifikacije (ISO 14688-2:2004; EN ISO 14688-2:2004)
Geotechnical investigation and testing – Identification and classification of soil – Part 2: Principles for a classification (ISO 14688-2:2004; EN ISO 14688-2:2004)
- zamijenjena s: HRN EN ISO 14688-2:2018

HRN EN ISO 14688-2:2008/A1:2013 en

Geotehničko istraživanje i ispitivanje – Identifikacija i klasifikacija tla – 2. dio: Načela klasifikacije – Amandman 1 (ISO 14688-2:2004/Amd 1:2013; EN ISO 14688-2:2004/A1:2013)
Geotechnical investigation and testing – Identification and classification of soil – Part 2: Principles for a classification – Amendment 1 (ISO 14688-2:2004/Amd 1:2013; EN ISO 14688-2:2004/A1:2013)
- zamijenjena s: HRN EN ISO 14688-2:2018

HRN EN ISO 14689-1:2008 en

Geotehničko istraživanje i ispitivanje – Identifikacija i klasifikacija stijene – 1. dio: Identifikacija i opis (ISO 14689-1:2003; EN ISO 14689-1:2003)
Geotechnical investigation and testing – Identification and classification of rock – Part 1: Identification and description (ISO 14689-1:2003; EN ISO 14689-1:2003)
- zamijenjena s: HRN EN ISO 14689:2018

HRS CEN ISO/TS 17892-7:2008 en

Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 7. dio: Ispitivanje jednoosne tlačne čvrstoće sitnozrnoga tla (ISO/TS 17892-7:2004; CEN ISO/TS 17892-7:2004)
Geotechnical investigation and testing – Laboratory testing of soil – Part 7: Unconfined compression test on fine grained soils (ISO/TS 17892-7:2004; CEN ISO/TS 17892-7:2004)
- zamijenjena s: HRN EN ISO 17892-7:2018

HZN/TO 503, Metalni materijali

HRN EN ISO 2931:2010 en

Anodna obrada aluminija i aluminijevih legura – Ocjenjivanje kvalitete zapunjenih prevlaka anodnom oksidacijom mjerenjem prijemljivosti (ISO 2931:2010; EN ISO 2931:2010)
Anodizing of aluminium and its alloys – Assessment of quality of sealed anodic oxidation coatings by measurement of admittance (ISO 2931:2010; EN ISO 2931:2010)
- zamijenjena s: HRN EN ISO 2931:2018

HRN EN ISO 4545-1:2008 en

Metalni materijali – Ispitivanje tvrdoće prema Knoopu – 1. dio: Ispitna metoda (ISO 4545-1:2005; EN ISO 4545-1:2005)
Metallic materials – Knoop hardness test – Part 1: Test method (ISO 4545-1:2005; EN ISO 4545-1:2005)
- zamijenjena s: HRN EN ISO 4545-1:2018

HRN EN ISO 4545-2:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Knoopu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja (ISO 4545-2:2005; EN ISO 4545-2:2005)
Metallic materials – Knoop hardness test – Part 2: Verification and calibration of testing machines (ISO 4545-2:2005; EN ISO 4545-2:2005)
- zamijenjena s: HRN EN ISO 4545-2:2018

HRN EN ISO 4545-3:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Knoopu – 3. dio: Umjeravanje referentnih pločica (ISO 4545-3:2005; EN ISO 4545-3:2005)
Metallic materials – Knoop hardness test – Part 3: Calibration of reference blocks (ISO 4545-3:2005; EN ISO 4545-3:2005)
- zamijenjena s: HRN EN ISO 4545-3:2018

HRN EN ISO 4545-4:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Knoopu – 4. dio: Tablica vrijednosti tvrdoća (ISO 4545-4:2005; EN ISO 4545-4:2005)
Metallic materials – Knoop hardness test – Part 4: Table of hardness values (ISO 4545-4:2005; EN ISO 4545-4:2005)
- zamijenjena s: HRN EN ISO 4545-4:2018

HRN EN ISO 6507-1:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Vickersu – 1. dio: Ispitna metoda (ISO 6507-1:2005; EN ISO 6507-1:2005)
Metallic materials – Vickers hardness test – Part 1: Test method (ISO 6507-1:2005; EN ISO 6507-1:2005)
- zamijenjena s: HRN EN ISO 6507-1:2018

HRN EN ISO 6507-2:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Vickersu – 2. dio: Provjeravanje i umjeravanje ispitnih uređaja (ISO 6507-2:2005; EN ISO 6507-2:2005)
Metallic materials – Vickers hardness test – Part 2: Verification and calibration of testing machines (ISO 6507-2:2005; EN ISO 6507-2:2005)
- zamijenjena s: HRN EN ISO 6507-2:2018

HRN EN ISO 6507-3:2008 en
Metalni materijali – Ispitivanje tvrdoće prema Vickersu – 3. dio: Umjeravanje etalonskih pločica (ISO 6507-3:2005; EN ISO 6507-3:2005)
Metallic materials – Vickers hardness test – Part 3: Calibration of reference blocks (ISO 6507-3:2005; EN ISO 6507-3:2005)
- zamijenjena s: HRN EN ISO 6507-3:2018

HRN EN ISO 7599:2010 en
Anodna obrada aluminija i aluminijevih legura – Opće specifikacije za prevlake anodnom oksidacijom na aluminiju (ISO 7599:2010; EN ISO 7599:2010)
Anodizing of aluminium and its alloys – General specifications for anodic oxidation coatings on aluminium (ISO 7599:2010; EN ISO 7599:2010)
- zamijenjena s: HRN EN ISO 7599:2018

HRN EN ISO 26203-1:2011 en
Metalni materijali – Statičko vlačno ispitivanje pri velikim brzinama istezanja – 1. dio: Sustav elastičnih udarnih valova (ISO 26203-1:2010; EN ISO 26203-1:2010)
Metallic materials – Tensile testing at high strain rates – Part 1: Elastic-bar-type systems (ISO 26203-1:2010; EN ISO 26203-1:2010)
- zamijenjena s: HRN EN ISO 26203-1:2018

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 2819:1999 en
Metalne prevlake na metalnim podlogama – Elektronanesene i kemijski nanosene prevlake – Pregled metoda za ispitivanje priionljivosti (ISO 2819:1980; EN ISO 2819:1994)
Metallic coatings on metallic substrates – Electrodeposited and chemically deposited coatings – Review of methods available for testing adhesion (ISO 2819:1980; EN ISO 2819:1994)
- zamijenjena s: HRN EN ISO 2819:2018

HRN EN ISO 11130:2010 en
Korozija metala i legura – Ispitivanje izmjeničnim uranjanjem u otopinu soli (ISO 11130:2010; EN ISO 11130:2010)
Corrosion of metals and alloys – Alternate immersion test in salt solution (ISO 11130:2010; EN ISO 11130:2010)
- zamijenjena s: HRN EN ISO 11130:2018

HRN EN ISO 28706-3:2012 en
Staklasti i porculanski emajli – Određivanje otpornosti na kemijsku koroziju – 3. dio: Određivanje otpornosti na kemijsku koroziju pomoću lužnatih tekućina upotrebom šesterokutne posude (ISO 28706-3:2008; EN ISO 28706-3:2011)
Vitreous and porcelain enamels – Determination of resistance to chemical corrosion – Part 3: Determination of resistance to chemical corrosion by alkaline liquids using a hexagonal vessel (ISO 28706-3:2008; EN ISO 28706-3:2011)
- zamijenjena s: HRN EN ISO 28706-3:2018

HZN/TO 509, Cestovna oprema

HRN EN 1794-1:2011 en
Barijere za zaštitu od buke s cesta – Neakustična svojstva – 1. dio: Mehanička svojstva i zahtjevi za stabilnost (EN 1794-1:2011)
Road traffic noise reducing devices – Non-acoustic performance – Part 1: Mechanical performance and stability requirements (EN 1794-1:2011)
- zamijenjena s: HRN EN 1794-1:2018

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 12480:2015 en
Plinomjeri – Plinomjeri s rotacijskim klipovima (EN 12480:2015)
Gas meters – Rotary displacement gas meters (EN 12480:2015)
- zamijenjena s: HRN EN 12480:2018

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

HRN EN 12691:2008 en
Savijljive hidroizolacijske trake – Bitumenske, plastične i elastomerne hidroizolacijske trake za krovove – Određivanje otpornosti na udarac (EN 12691:2006)
Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Determination of resistance to impact (EN 12691:2006)
- zamijenjena s: HRN EN 12691:2018

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

HRN EN 12999:2012 en
Granici – Pretovarni granici (EN 12999:2011+A1:2012)
Cranes – Loader cranes (EN 12999:2011+A1:2012)
- zamijenjena s: HRN EN 12999:2018

HZN/TO 531, Plastika i guma

HRN EN ISO 10619-1:2012 en
Gumena i plastična crijeva i cijevi – Mjerenje savitljivosti i krutosti – 1. dio: Savojna ispitivanja pri temperaturi okoline (ISO 10619-1:2011; EN ISO 10619-1:2011)
Rubber and plastics hoses and tubing – Measurement of flexibility and stiffness – Part 1: Bending tests at ambient temperature (ISO 10619-1:2011; EN ISO 10619-1:2011)
- zamijenjena s: HRN EN ISO 10619-1:2018

HRN EN ISO 10619-2:2012 en
Gumena i plastična crijeva i cijevi – Mjerenje savitljivosti i krutosti – 2. dio: Savojna ispitivanja pri temperaturi nižoj od temperature okoline (ISO 10619-2:2011; EN ISO 10619-2:2011)
Rubber and plastics hoses and tubing – Measurement of flexibility and stiffness – Part 2: Bending tests at subambient temperatures (ISO 10619-2:2011; EN ISO 10619-2:2011)
- zamijenjena s: HRN EN ISO 10619-2:2018

HRN EN ISO 10960:2008 en
Gumena i plastična crijeva – Procjena dinamičke postojanosti na ozon (ISO 10960:1994; EN ISO 10960:1996)
Rubber and plastics hoses – Assessment of ozone resistance under dynamic conditions (ISO 10960:1994; EN ISO 10960:1996)
- zamijenjena s: HRN EN ISO 10960:2018

HRN EN 13207:2008 en
Plastomerni filmovi za silažu (EN 13207:2001)
Silage thermoplastic films (EN 13207:2001)
- zamijenjena s: HRN EN 13207:2018

HRN EN 13655:2008 en
Plastika – Plastomerni filmovi za prekrivanje tla u poljoprivredi i vrtlarstvu (EN 13655:2002)
Plastics – Mulching thermoplastic films for use in agriculture and horticulture (EN 13655:2002)
- zamijenjena s: HRN EN 13655:2018

HRN EN ISO 14910-1:2013 en
Plastika – Poliester/esterski i polieter/esterski elastoplastomeri za kalupljenje i ekstrudiranje – 1. dio: Sustav označivanja i osnove za specifikacije (ISO 14910-1:2013; EN ISO 14910-1:2013)
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 1: Designation system and basis for specifications (ISO 14910-1:2013; EN ISO 14910-1:2013)
- zamijenjena s: HRN EN ISO 20029-1:2018

HRN EN ISO 14910-2:2013 en
Plastika – Poliester/esterski i polieter/esterski elastoplastomeri za kalupljenje i ekstrudiranje – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 14910-2:2013; EN ISO 14910-2:2013)
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 2: Preparation of test specimens and determination of properties (ISO 14910-2:2013; EN ISO 14910-2:2013)
- zamijenjena s: HRN EN ISO 20029-2:2018

HRN EN ISO 28017:2012 en
Gumena crijeva i crijevni pribori ojačani žicom ili tekstilom za primjene u jaruženju – Specifikacija (ISO 28017:2011; EN ISO 28017:2011)
Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications – Specification (ISO 28017:2011; EN ISO 28017:2011)
- zamijenjena s: HRN EN ISO 28017:2018

HRN EN ISO 28017:2012/A1:2015 en
Gumena crijeva i crijevni pribori ojačani žicom ili tekstilom za primjene u jaruženju – Specifikacija (ISO 28017:2011/Amd 1:2015; EN ISO 28017:2011/A1:2015)
Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications – Specification (ISO 28017:2011/Amd 1:2015; EN ISO 28017:2011/A1:2015)
- zamijenjena s: HRN EN ISO 28017:2018

HZN/TO 548, Konstrukcijski eurokodovi

HRN EN 1993-1-6:2014/NA:2014 hr-en
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija – Nacionalni dodatak
Eurocode 3: Design of steel structures – Part 1-6: Strength and Stability of Shell Structures – National Annex
- zamijenjena s: HRN EN 1993-1-6:2014/NA:2018

HZN/TO 557, Zaštitna odjeća

HRN EN 13158:2010 en
Zaštitna odjeća – Zaštitne jakne, štitnici tijela i ramena za jahanje: za jahače konja, za osobe koje rade s konjima i one koji se voze u konjskim zapregama – Zahtjevi i ispitne metode (EN 13158:2009)
Protective clothing – Protective jackets, body and shoulder protectors for equestrian use: For horse riders and those working with horses, and for horse drivers – Requirements and test methods (EN 13158:2009)
- zamijenjena s: HRN EN 13158:2018

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 736-1:2007 hr,en,fr,de
Zaporni uređaji – Nazivlje – 1. dio: Definicije vrsta zapornih uređaja (EN 736-1:1995)
Valves – Terminology – Part 1: Definition of types of valves (EN 736-1:1995)
- zamijenjena s: HRN EN 736-1:2018

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 12138:2003 en
Tekstil – Postupci pranja u kućanstvu za tekstilne proizvode prije ispitivanja gorivosti (ISO 12138:1996; EN ISO 12138:1996)
Textiles – Domestic laundering procedures for textile fabrics prior to flammability testing (ISO 12138:1996; EN ISO 12138:1996)
- zamijenjena s: HRN EN ISO 12138:2018

HRN EN ISO 15797:2008 en
Tekstilije – Postupci industrijskog pranja i oplemenjivanja za ispitivanje radne odjeće (ISO 15797:2002+Cor 1:2004; EN ISO 15797:2004+AC:2004)
Textiles – Industrial washing and finishing procedures for testing of workwear (ISO 15797:2002+Cor 1:2004; EN ISO 15797:2004+AC:2004)
- zamijenjena s: HRN EN ISO 15797:2018

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

HRN EN ISO 11363-1:2010 en
Plinske boce – 17E i 25E konusni navoj za spajanje ventila na plinske boce – Specifikacije (ISO 11363-1:2010; EN ISO 11363-1:2010)
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 1: Specifications (ISO 11363-1:2010; EN ISO 11363-1:2010)
- zamijenjena s: HRN EN ISO 11363-1:2018

HRN EN ISO 11363-1:2010/Ispr.1:2012 en
Plinske boce – 17E i 25E konusni navoj za spajanje ventila na plinske boce – 1. dio: Specifikacije – Tehnički ispravak 2 (ISO 11363-1:2010/Cor 2:2012; EN ISO 11363-1:2010/AC:2012)
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 1: Specifications – Technical Corrigendum 2 (ISO 11363-1:2010/Cor 2:2012; EN ISO 11363-1:2010/AC:2012)
- zamijenjena s: HRN EN ISO 11363-1:2018

HZN/TO 562, Alatni strojevi i alati

HRN EN 692:2009 en
Alatni strojevi – Mehaničke preše – Sigurnost (EN 692:2005+A1:2009)
Machine tools – Mechanical presses – Safety (EN 692:2005+A1:2009)
- zamijenjena s: HRN EN ISO 16092-1:2018

HRN EN 693:2012 en
Alatni strojevi – Sigurnost – Hidraulični tijesci (preše) (EN 693:2001+A2:2011)
Machine tools – Safety – Hydraulic presses (EN 693:2001+A2:2011)
- zamijenjena s: HRN EN ISO 16092-3:2018, HRN EN ISO 16092-1:2018

HRN EN 13736:2009 en
Sigurnost alatnih strojeva – Pneumatske preše (EN 13736:2003+A1:2009)
Safety of machine tools – Pneumatic presses (EN 13736:2003+A1:2009)
- zamijenjena s: HRN EN ISO 16092-1:2018

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

HRN ISO 31000:2012 en
Upravljanje rizicima – Načela i smjernice (ISO 31000:2009)
Risk management – Principles and guidelines (ISO 31000:2009)
- zamijenjena s: HRN ISO 31000:2018

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

HRN EN ISO 22300:2014 en
Društvena sigurnost – Nazivlje (ISO 22300:2012; EN ISO 22300:2014)
Societal security – Terminology (ISO 22300:2012; EN ISO 22300:2014)
- zamijenjena s: HRN EN ISO 22300:2018

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

HRN EN ISO 12944-6:1999 en
Boje i lakovi – Zaštita od korozije čeličnih konstrukcija zaštitnim sustavom boja – 6. dio: Metode laboratorijskih ispitivanja svojstava (ISO 12944-6:1998; EN ISO 12944-6:1998)
Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 6: Laboratory performance test methods (ISO 12944-6:1998; EN ISO 12944-6:1998)
- zamijenjena s: HRN EN ISO 12944-6:2018

HRN EN 14022:2011 en
Strukturalni (konstrukcijski) adhezivi – Određivanje radnog vremena (pot life) višekomponentnih adheziva (EN 14022:2010)
Structural Adhesives – Determination of the pot life (working life) of multi-component adhesives (EN 14022:2010)
- zamijenjena s: HRN EN ISO 10364:2018

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

HRN EN ISO 7492:2004 en
Stomatološke sonde (ISO 7492:1997; EN ISO 7492:1998)
Dental explorers (ISO 7492:1997; EN ISO 7492:1998)
- zamijenjena s: HRN EN ISO 7492:2018

HRN EN ISO 13897:2008 en
Stomatologija – Kapsule amalgama
(ISO 13897:2003+Cor 1:2003; EN ISO 13897:2004)
Dentistry – Amalgam capsules (ISO 13897:2003+Cor 1:2003;
EN ISO 13897:2004)
- zamijenjena s: HRN EN ISO 13897:2018

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 50465:2009 en
Plinski uređaji – Plinski uređaji za grijanje s gorivom ćelijama
– Plinski uređaj za grijanje s gorivom ćelijom nazivne
toplinske snage manje ili jednake 70 kW (EN 50465:2008)
Gas appliances – Fuel cell gas heating appliances – Fuel cell
gas heating appliance of nominal heat input inferior or equal
to 70 kW (EN 50465:2008)
- zamijenjena s: HRN EN 50465:2015

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 E45, *Nuklearna instrumentacija*

- **umjesto**

HRN EN 61005:2017
Instrumentacija u zaštiti od zračenja – Mjerila **neutronsoga doznog ekvivalenta i brzine doznog ekvivalenta u okolini** (IEC 61005:2014; EN 61005:2017)
Radiation protection instrumentation – Neutron ambient dose equivalent (rate) meters (IEC 61005:2014; EN 61005:2017)

- **treba biti**

HRN EN 61005:2017
Instrumentacija u zaštiti od zračenja – Mjerila (**brzine ambijentalnog neutronsoga doznog ekvivalenta**) (IEC 61005:2014; EN 61005:2017)
Radiation protection instrumentation – Neutron ambient dose equivalent (rate) meters (IEC 61005:2014; EN 61005:2017)

TO Z1, *Informacijska tehnologija*

- **umjesto**

HRN ISO/IEC 7812-2:2017
Identifikacijske kartice – Identifikacija izdavatelja – 2. dio: Postupci **za programske usluge i registraciju** (ISO/IEC 7812-2:2017)
Identification cards – Identification of issuers – Part 2: Application and registration procedures (ISO/IEC 7812-2:2017)

- **treba biti**

HRN ISO/IEC 7812-2:2017
Identifikacijske kartice – Identifikacija izdavatelja – 2. dio: Postupci **prijave i registracije** (ISO/IEC 7812-2:2017)
Identification cards – Identification of issuers – Part 2: Application and registration procedures (ISO/IEC 7812-2:2017)

1.10 **Prijevod** hrvatskih normativnih dokumenata

HZN/TO 207, *Upravljanje okolišem*

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome i engleskome jeziku, kao dvojezično izdanje:

HRN EN ISO 14065:2013 hr,en-en pr-pp
Staklenički plinovi – Zahtjevi za tijela koja provode validaciju i verifikaciju stakleničkih plinova za potrebe akreditacije ili drugih oblika odobrenja (ISO 14065:2013; EN ISO 14065:2013)
Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition (ISO 14065:2013; EN ISO 14065:2013)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.11 Tehnologija zdravstvene zaštite (Rječnici)

**Europska normizacija
CENELEC**

EN 63080:2017
Accessibility terms and definitions (IEC 63080:2017)

01.040.13 Okoliš. Zaštita zdravlja. Sigurnost (Rječnici)

**Međunarodna normizacija
ISO**

ISO 27917:2017
Carbon dioxide capture, transportation and geological storage – Vocabulary – Cross cutting terms

01.040.21 Mehanički sustavi i sastavni dijelovi za opću upotrebu (Rječnici)

**Međunarodna normizacija
ISO**

ISO 5288:2017
Synchronous belt drives – Vocabulary

01.040.27 Prijenos energije i topline (Rječnici)

**Međunarodna normizacija
IEC**

IEC 60050-617 AMD 2:2017
International electrotechnical vocabulary – Part 617: Organization/Market of electricity

01.040.29 Elektrotehnika (Rječnici)

**Međunarodna normizacija
IEC**

IEC 60050-617 AMD 2:2017
International electrotechnical vocabulary – Part 617: Organization/Market of electricity

IEC 60050-692:2017
International electrotechnical vocabulary – Part 692: Generation, transmission and distribution of electrical energy – Dependability and quality of service of electric power systems

01.040.31 Elektronika (Rječnici)

**Međunarodna normizacija
IEC**

IEC 60194-2:2017
Printed boards design, manufacture and assembly – Vocabulary – Part 2: Common usage in electronic technologies as well as printed board and electronic assembly technologies

01.040.45 Željeznička tehnika (Rječnici)

**Europska normizacija
CEN**

EN 1907:2017
Safety requirements for cableway installations designed to carry persons – Terminology

01.040.67 Prehrambena tehnologija (Rječnici)

**Međunarodna normizacija
ISO**

ISO 18794:2018
Coffee – Sensory analysis – Vocabulary

01.080.10 Simboli za javne obavijesti

**Međunarodna normizacija
ISO**

ISO 7010 AMD 8:2017
Graphical symbols – Safety colours and safety signs – Registered safety signs; Amendment 8

01.100.99 Ostale norme koje se odnose na tehničke crteže

**Međunarodna normizacija
ISO**

ISO 6412-1:2017
Technical product documentation – Simplified representation of pipelines – Part 1: General rules and orthogonal representation

ISO 6412-2:2017
Technical product documentation – Simplified representation of pipelines – Part 2: Isometric projection

ISO 6412-3:2017
Technical product documentation – Simplified representation of pipelines – Part 3: Terminal features of ventilation and drainage systems

01.140.20 Informacijske znanosti

**Međunarodna normizacija
ISO**

ISO 2108:2017
Information and documentation – International Standard Book Number (ISBN)

03.080.30 Usluge za potrošače

**Međunarodna normizacija
ISO**

ISO 20245:2017
Cross-border trade of second-hand goods

03.120.20 Certificiranje proizvoda i tvrtki. Ocjenjivanje sukladnosti

**Europska normizacija
CEN**

EN ISO/IEC 17011:2017
Conformity assessment – Requirements for accreditation bodies accrediting conformity assessment bodies (ISO/IEC 17011:2017)

EN ISO/IEC 17025:2017
General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2017)

03.220.01 Prijevoz općenito

**Međunarodna normizacija
ISO**

ISO 19237:2017
Intelligent transport systems – Pedestrian detection and collision mitigation systems (PDCMS) – Performance requirements and test procedures

03.220.20 Cestovni prijevoz

Međunarodna normizacija ISO

ISO/TR 16401-1:2018
Electronic fee collection – Evaluation of equipment for conformity to ISO/TS 17575-2 – Part 1: Test suite structure and test purposes

ISO/TR 16401-2:2018
Electronic fee collection – Evaluation of equipment for conformity to ISO 17575-2 – Part 2: Abstract test suite

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija ISO

ISO 7396-1 AMD 1:2017
Medical gas pipeline systems – Part 1: Pipeline systems for compressed medical gases and vacuum; Amendment 1

ISO 15002 AMD 1:2018
Flow-metering devices for connection to terminal units of medical gas pipeline systems; Amendment 1

ISO 80601-2-61:2017
Medical electrical equipment – Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment

11.040.25 Šprice. Igle. Kateteri

Europska normizacija CEN

EN ISO 10555-1/A1:2017
Intravascular catheters – Sterile and single-use catheters – Part 1: General requirements – Amendment 1 (ISO 10555-1:2013/Amd 1:2017)

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

ISO/TR 14283:2018
Implants for surgery – Essential principles of safety and performance

11.040.70 Oftalmološka oprema

Europska normizacija CEN

EN ISO 11981:2017
Ophthalmic optics – Contact lenses and contact lens care products – Determination of physical compatibility of contact lens care products with contact lenses (ISO 11981:2017)

EN ISO 11986:2017
Ophthalmic optics – Contact lenses and contact lens care products – Determination of preservative uptake and release (ISO 11986:2017)

EN ISO 14889/A1:2017
Ophthalmic optics – Spectacle lenses – Fundamental requirements for uncut finished lenses – Amendment 1 (ISO 14889:2013/Amd 1:2017)

11.060.20 Stomatološka oprema

Međunarodna normizacija ISO

ISO 21533:2018
Dentistry – Reprocessable cartridge syringes for intraligamentary injections

11.060.25 Stomatološki instrumenti

Europska normizacija CEN

EN ISO 14457:2017
Dentistry – Handpieces and motors (ISO 14457:2017)

11.080.01 Sterilizacija i dezinfekcija općenito

Europska normizacija CEN

EN ISO 17664:2017
Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices (ISO 17664:2017)

11.120.10 Lijekovi

Međunarodna normizacija ISO

ISO 20759:2017
Traditional Chinese medicine – Artemisia argyi leaf

11.180.01 Pomagala za osobe s invaliditetom općenito

Europska normizacija CENELEC

EN 63080:2017
Accessibility terms and definitions (IEC 63080:2017)

11.200 Kontrola rađanja. Mehanička kontracepcijska sredstva

Međunarodna normizacija ISO

ISO 16038:2017
Male condoms – Guidance on the use of ISO 4074 and ISO 23409 in the quality management of condoms

13.020.10 Upravljanje okolišem

Međunarodna normizacija ISO

ISO 14044 AMD 1:2017
Environmental management – Life cycle assessment – Requirements and guidelines; Amendment 1

13.020.20 Ekogospodarstvo

Međunarodna normizacija ISO

ISO 37153:2017
Smart community infrastructures – Maturity model for assessment and improvement

13.020.40 Onečišćenje, nadzor nad onečišćenjem i zaštita od onečišćenja

Međunarodna normizacija ISO

ISO 27917:2017
Carbon dioxide capture, transportation and geological storage – Vocabulary – Cross cutting terms

13.020.50 Ekološko označivanje

Međunarodna normizacija ISO

ISO 14026:2017
Environmental labels and declarations – Principles, requirements and guidelines for communication of footprint information

13.020.60 Životni ciklusi proizvoda

Međunarodna normizacija ISO

ISO 14044 AMD 1:2017
Environmental management – Life cycle assessment – Requirements and guidelines; Amendment 1

13.040.35 Čiste sobe i srodni nadzirani okoliš

Europska normizacija CEN

EN ISO 14644-15:2017
Cleanrooms and associated controlled environments – Part 15: Assessment of suitability for use of equipment and materials by airborne chemical concentration (ISO 14644-15:2017)

13.060.01 Kvaliteta vode općenito

Međunarodna normizacija ISO

ISO 20760-2:2017
Water reuse in urban areas – Guidelines for centralized water reuse system – Part 2: Management of a centralized water reuse system

13.060.50 Ispitivanje voda na kemijske tvari

Europska normizacija CEN

EN ISO 19340:2017
Water quality – Determination of dissolved perchlorate – Method using ion chromatography (IC) (ISO 19340:2017)

Međunarodna normizacija ISO

ISO 7393-2:2017
Water quality – Determination of free chlorine and total chlorine – Part 2: Colorimetric method using N,N-dialkyl-1,4-phenylenediamine, for routine control purposes

ISO 20595:2018
Water quality – Determination of selected highly volatile organic compounds in water – Method using gas chromatography and mass spectrometry by static headspace technique (HS-GC-MS)

13.080.20 Fizikalna svojstva tla

Europska normizacija CEN

EN ISO 18674-3:2017
Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 3: Measurement of displacements across a line: Inclinometers (ISO 18674-3:2017)

Međunarodna normizacija ISO

ISO 17892-7:2017
Geotechnical investigation and testing – Laboratory testing of soil – Part 7: Unconfined compression test

13.100 Radna sigurnost. Industrijska higijena

Međunarodna normizacija ISO

ISO 15011-4:2017
Health and safety in welding and allied processes – Laboratory method for sampling fume and gases – Part 4: Fume data sheets

13.110 Sigurnost strojeva

Europska normizacija CEN

EN ISO 19085-3:2017
Woodworking machines – Safety requirements – Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017)

Međunarodna normizacija ISO

ISO 13105-2 AMD 1:2017
Building construction machinery and equipment – Machinery for concrete surface floating and finishing – Part 2: Safety requirements and verification; Amendment 1

ISO 14118:2017
Safety of machinery – Prevention of unexpected start-up

13.140 Utjecaj buke na ljude

Međunarodna normizacija ISO

ISO 389-1:2017
Acoustics – Reference zero for the calibration of audiometric equipment – Part 1: Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones

13.220.01 Zaštita od požara općenito

Međunarodna normizacija ISO

ISO/TR 24679-6:2017
Fire safety engineering – Performance of structures in fire – Part 6: Example of an eight-storey office concrete building

13.220.20 Zaštita od požara

Europska normizacija CEN

EN 15004-7:2017
Fixed firefighting systems – Gas extinguishing systems – Part 7: Physical properties and system design of gas extinguishing systems for IG-01 extinguishant (ISO 14520-12:2015, modified)

EN 15004-8:2017
Fixed firefighting systems – Gas extinguishing systems – Part 8: Physical properties and system design of gas extinguishing systems for IG-100 extinguishant (ISO 14520-13:2015, modified)

EN 15004-9:2017
Fixed firefighting system – Gas extinguishing systems – Part 9: Physical properties and system design of gas extinguishing systems for IG-55 extinguishant (ISO 14520-14:2015, modified)

EN 15004-10:2017
Fixed firefighting systems – Gas extinguishing systems – Part 10: Physical properties and system design of gas extinguishing systems for IG-541 (ISO 14520-15:2015, modified)

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Međunarodna normizacija
ISO

ISO 12138:2017
Textiles – Domestic laundering procedures for textile fabrics prior to flammability testing

13.280 Zaštita od zračenja

Europska normizacija
CENELEC

EN 62232:2017
Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure (IEC 62232:2017)

Međunarodna normizacija
IEC

IEC 60825-1 Interpretation Sheet 1:2017
Safety of laser products – Part 1: Equipment classification and requirements; Interpretation sheet 1
IEC 60825-1 Interpretation Sheet 2:2017
Safety of laser products – Part 1: Equipment classification and requirements; Interpretation sheet 2

13.310 Zaštita od kriminala

Međunarodna normizacija
IEC

IEC 62820-3-1:2017
Building intercom systems – Part 3-1: Application guidelines – General

13.340.01 Zaštitna oprema općenito

Međunarodna normizacija
ISO

ISO 18639-1:2018
PPE ensembles for firefighters undertaking specific rescue activities – Part 1: General

13.340.10 Zaštitna odjeća

Međunarodna normizacija
ISO

ISO 11613:2017
Protective clothing for firefighter's who are engaged in support activities associated with structural fire fighting – Laboratory test methods and performance
ISO 18639-3:2018
PPE ensembles for firefighters undertaking specific rescue activities – Part 3: Clothing

13.340.50 Zaštita nogu i stopala

Europska normizacija
CEN

EN 13634:2017
Protective footwear for motorcycle riders – Requirements and test methods

Međunarodna normizacija
ISO

ISO 18639-6:2018
PPE ensembles for firefighters undertaking specific rescue activities – Part 6: Footwear

13.340.60 Zaštita od pada i klizanja

Europska normizacija
CEN

EN 353-1+A1:2017
Personal fall protection equipment – Guided type fall arresters including an anchor line – Part 1: Guided type fall arresters including a rigid anchor line

17.040.40 Geometrijska specifikacija proizvoda (GPS)

Europska normizacija
CEN

EN ISO 14253-1:2017
Geometrical product specifications (GPS) – Inspection by measurement of workpieces and measuring equipment – Part 1: Decision rules for verifying conformity or nonconformity with specifications (ISO 14253-1:2017)

Međunarodna normizacija
ISO

ISO 17450-4:2017
Geometrical product specifications (GPS) – Basic concepts – Part 4: Geometrical characteristics for quantifying GPS deviations

17.120.10 Protok u zatvorenim cjevovodima

Međunarodna normizacija
ISO

ISO/TR 15377:2018
Measurement of fluid flow by means of pressure-differential devices – Guidelines for the specification of orifice plates, nozzles and Venturi tubes beyond the scope of ISO 5167

17.120.20 Protok u otvorenim kanalima

Međunarodna normizacija
ISO

ISO 18481:2017
Hydrometry – Liquid flow measurement using end depth method in channels with a free overfall

17.140.20 Buka koju proizvode strojevi i oprema

Međunarodna normizacija
ISO

ISO 3822-3:2018
Acoustics – Laboratory tests on noise emission from appliances and equipment used in water supply installations – Part 3: Mounting and operating conditions for in-line valves and appliances

17.140.50 Elektroakustika

Europska normizacija
CENELEC

EN 61391-1:2006/A1:2017
Ultrasonics – Pulse-echo scanners – Part 1: Techniques for calibrating spatial measurement systems and measurement of system point-spread function response (IEC 61391-1:2006/A1:2017)

17.220.01 Elektricitet. Magnetizam. Opći aspekti

Europska normizacija CENELEC

- EN 62056-6-1:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-1: Object Identification System (OBIS) (IEC 62056-6-1:2017)

Međunarodna normizacija IEC

- IEC 62056-8-5 Corrigendum 1:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 8-5: Narrow-band OFDM G3-PLC communication profile for neighbourhood networks; Corrigendum 1

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija CENELEC

- EN 62501:2009/A2:2017
Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing (IEC 62501:2009/A2:2017)

Međunarodna normizacija IEC

- IEC 60051-5:2017
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 5: Special requirements for phase meters, power factor meters and synchrosopes
- IEC 60051-6:2017
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 6: Special requirements for ohmmeters (impedance meters) and conductance meters
- IEC 60051-7:2017
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 7: Special requirements for multi-function instruments
- IEC 60051-8:2017
Direct acting indicating analogue electrical measuring instruments and their accessories – Part 8: Special requirements for accessories
- IEC/TR 61340-1 Corrigendum 2:2017
Electrostatics – Part 1: Electrostatic phenomena – Principles and measurements; Corrigendum 2
- IEC 61340-4-3:2017
Electrostatics – Part 4-3: Standard test methods for specific applications – Footwear
- IEC 61869-10:2017
Instrument transformers – Part 10: Additional requirements for low-power passive current transformers
- IEC 61869-11:2017
Instrument transformers – Part 11: Additional requirements for low-power passive voltage transformers
- IEC 62927 Corrigendum 1:2017
Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical testing; Corrigendum 1

17.220.99 Ostale norme koje se odnose na elektricitet i magnetizam

Međunarodna normizacija IEC

- IEC 60674-2 Corrigendum 1:2017
Specification for plastic films for electrical purposes – Part 2: Methods of test; Corrigendum 1

17.240 Mjerenja zračenja

Europska normizacija CENELEC

- EN 62232:2017
Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure (IEC 62232:2017)

Međunarodna normizacija IEC

- IEC 62327:2017
Radiation protection instrumentation – Hand-held instruments for the detection and identification of radionuclides and for the estimation of ambient dose equivalent rate from photon radiation
- IEC 62401:2017
Radiation protection instrumentation – Alarming personal radiation devices (PRDs) for the detection of illicit trafficking of radioactive material

19.100 Nerazorna ispitivanja

Međunarodna normizacija ISO

- ISO 20485:2017
Non-destructive testing – Leak testing – Tracer gas method
- ISO 20486:2017
Non-destructive testing – Leak testing – Calibration of reference leaks for gases

21.100.20 Valjni ležajevi

Međunarodna normizacija ISO

- ISO 20056-1:2017
Rolling bearings – Load ratings for hybrid bearings with rolling elements made of ceramic – Part 1: Dynamic load ratings
- ISO 20056-2:2017
Rolling bearings – Load ratings for hybrid bearings with rolling elements made of ceramic – Part 2: Static load ratings

21.220.10 Remenski pogon i njegovi sastavni dijelovi

Međunarodna normizacija ISO

- ISO 5288:2017
Synchronous belt drives – Vocabulary

23.020.35 Plinske boce

Europska normizacija CEN

- EN ISO 11363-2:2017
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 2: Inspection gauges (ISO 11363-2:2017)

Međunarodna normizacija ISO

- ISO/TR 13086-2:2017
Gas cylinders – Guidance for design of composite cylinders – Part 2: Bonfire test issues

23.020.40 Kriogeničke posude

Međunarodna normizacija ISO

ISO 21010:2017
Cryogenic vessels – Gas/material compatibility

23.040.01 Cjevovodne sastavni dijelovi i cjevovodi općenito

Europska normizacija CEN

EN ISO 11295:2017
Classification and information on design and applications of plastics piping systems used for renovation and replacement (ISO 11295:2017)

Međunarodna normizacija ISO

ISO 6412-1:2017
Technical product documentation – Simplified representation of pipelines – Part 1: General rules and orthogonal representation

ISO 6412-2:2017
Technical product documentation – Simplified representation of pipelines – Part 2: Isometric projection

ISO 6412-3:2017
Technical product documentation – Simplified representation of pipelines – Part 3: Terminal features of ventilation and drainage systems

ISO 10804:2018
Restrained joint systems for ductile iron pipelines – Design rules and type testing

23.040.70 Crijeva i crijevni sklopovi

Međunarodna normizacija ISO

ISO 10619-1:2017
Rubber and plastics hoses and tubing – Measurement of flexibility and stiffness – Part 1: Bending tests at ambient temperature

ISO 10619-2:2017
Rubber and plastics hoses and tubing – Measurement of flexibility and stiffness – Part 2: Bending tests at sub-ambient temperatures

ISO 10960:2017
Rubber and plastics hoses – Assessment of ozone resistance under dynamic conditions

23.100.40 Cjevovodi i spojnice

Međunarodna normizacija ISO

ISO 23297:2017
Thermoplastic hoses and hose assemblies – Wire or synthetic yarn reinforced single-pressure types for hydraulic applications – Specification

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Europska normizacija CENELEC

EN 62948:2017
Industrial networks – Wireless communication network and communication profiles – WIA-FA (IEC 62948:2017)

Međunarodna normizacija ISO

ISO 14306:2017
Industrial automation systems and integration – JT file format specification for 3D visualization

25.080.01 Alatni strojevi općenito

Međunarodna normizacija ISO

ISO 16090-1:2017
Machine tools safety – Machining centres, Milling machines, Transfer machines – Part 1: Safety requirements

ISO 16092-1:2017
Machine tools safety – Presses – Part 1: General safety requirements

ISO 16092-3:2017
Machine tools safety – Presses – Part 3: Safety requirements for hydraulic presses

25.080.50 Strojevi za brušenje i poliranje

Europska normizacija CENELEC

EN 62841-3-4/A11:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders

25.140.10 Pneumatski alati

Međunarodna normizacija ISO

ISO 5393:2017
Rotary tools for threaded fasteners – Performance test method

25.140.20 Električni alati

Europska normizacija CENELEC

EN 62841-2-17:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-17: Particular requirements for hand-held routers (IEC 62841-2-17:2017, modified)

EN 62841-3-1/A11:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1:2014, modified)

EN 62841-3-4/A11:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders

EN 62841-3-6/A11:2017
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

EN 62841-3-9/A11:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-9: Particular requirements for transportable mitre saws

EN 62841-3-10/A11:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines

EN 62841-3-14:2017

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-14: Particular requirements for transportable drain cleaners (IEC 62841-3-14:2017, modified)

25.160.10 Procesi zavarivanja

Europska normizacija CEN

EN ISO 13916:2017

Welding – Measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO 13916:2017)

Međunarodna normizacija ISO

ISO 15011-4:2017

Health and safety in welding and allied processes – Laboratory method for sampling fume and gases – Part 4: Fume data sheets

25.160.20 Dodatni i potrošni materijali za zavarivanje

Europska normizacija CEN

EN ISO 544:2017

Welding consumables – Technical delivery conditions for filler materials and fluxes – Type of product, dimensions, tolerances and markings (ISO 544:2017)

Međunarodna normizacija ISO

ISO 26304:2017

Welding consumables – Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels – Classification

25.160.40 Zavareni spojevi i zavari

Međunarodna normizacija ISO

ISO 9017:2017

Destructive tests on welds in metallic materials – Fracture test

ISO 15653:2018

Metallic materials – Method of test for the determination of quasistatic fracture toughness of welds

25.220.10 Priprema površina

Europska normizacija CEN

EN ISO 11126-10:2017

Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 10: Almandite garnet (ISO 11126-10:2017)

EN ISO 12944-4:2017

Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 4: Types of surface and surface preparation (ISO 12944-4:2017)

25.220.20 Površinska obrada

Europska normizacija CEN

EN ISO 3210:2017

Anodizing of aluminium and its alloys – Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in acid solution(s) (ISO 3210:2017)

EN ISO 17836:2017

Thermal spraying – Determination of the deposition efficiency for thermal spraying (ISO 17836:2017)

EN ISO 27830:2017

Metallic and other inorganic coatings – Requirements for the designation of metallic and inorganic coatings (ISO 27830:2017)

Međunarodna normizacija ISO

ISO 2931:2017

Anodizing of aluminium and its alloys – Assessment of quality of sealed anodic oxidation coatings by measurement of admittance

25.220.40 Metalne prevlake

Europska normizacija CEN

EN ISO 27830:2017

Metallic and other inorganic coatings – Requirements for the designation of metallic and inorganic coatings (ISO 27830:2017)

Međunarodna normizacija ISO

ISO 2819:2017

Metallic coatings on metallic substrates – Electrodeposited and chemically deposited coatings – Review of methods available for testing adhesion

25.220.50 Emajli

Međunarodna normizacija ISO

ISO 28706-3:2017

Vitreous and porcelain enamels – Determination of resistance to chemical corrosion – Part 3: Determination of resistance to chemical corrosion by alkaline liquids using a hexagonal vessel or a tetragonal glass bottle

27.010 Tehnika prijenosa energije i topline općenito

Međunarodna normizacija IEC

IEC 60050-617 AMD 2:2017

International electrotechnical vocabulary – Part 617: Organization/Market of electricity

IEC/TR 62325-103:2017

Framework for energy market communications – Part 103: Review of information exchanges within the deregulated European style retail energy market from a CIM perspective

IEC 62933-2-1:2017

Electrical energy storage (EES) systems – Part 2-1: Unit parameters and testing methods – General specification

27.120.10 Reaktorska tehnika

Međunarodna normizacija ISO

ISO 19226:2017

Nuclear energy – Determination of neutron fluence and displacement per atom (dpa) in reactor vessel and internals

27.120.20 Nuklearne elektrane. Sigurnost

Međunarodna normizacija IEC

IEC/TR 63123:2017
Nuclear power plants – Instrumentation, control and electrical power systems – Guidance for the application of IEC 63147:2017/IEEE Std 497TM-2016 in the IAEA/IEC framework

IEC 63147:2017
Criteria for accident monitoring instrumentation for nuclear power generating stations

27.180 Sustavi vjetroagregata

Europska normizacija CENELEC

EN 61400-25-1:2017
Wind energy generation systems – Part 25-1: Communications for monitoring and control of wind power plants – Overall description of principles and models (IEC 61400-25-1:2017)

EN 61400-25-5:2017
Wind energy generation systems – Part 25-5: Communications for monitoring and control of wind power plants – Compliance testing (IEC 61400-25-5:2017)

29.020 Elektrotehnika općenito

Europska normizacija CENELEC

EN 62561-4:2017
Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners (IEC 62561-4:2017)

EN 62561-5:2017
Lightning protection system components (LPSC) – Part 5: Requirements for earth electrode inspection housings and earth electrode seals (IEC 62561-5:2017)

Međunarodna normizacija IEC

IEC 60050-692:2017
International electrotechnical vocabulary – Part 692: Generation, transmission and distribution of electrical energy – Dependability and quality of service of electric power systems

IEC/TR 61340-1 Corrigendum 2:2017
Electrostatics – Part 1: Electrostatic phenomena – Principles and measurements; Corrigendum 2

IEC 62559-3:2017
Use case methodology – Part 3: Definition of use case template artefacts into an XML serialized format

29.035.20 Plastični i gumeni izolacijski materijali

Međunarodna normizacija IEC

IEC 60674-2 Corrigendum 1:2017
Specification for plastic films for electrical purposes – Part 2: Methods of test; Corrigendum 1

29.035.60 Lakirani proizvodi

Međunarodna normizacija IEC

IEC 60370:2017
Test procedure for thermal endurance of insulating resins and varnishes for impregnation purposes – Electric breakdown methods

29.060.20 Kabeli

Međunarodna normizacija IEC

IEC 62930:2017
Electric cables for photovoltaic systems with a voltage rating of 1,5 kV DC

29.100.10 Magnetski sastavni dijelovi

Međunarodna normizacija IEC

IEC 62024-1:2017
High frequency inductive components – Electrical characteristics and measuring methods – Part 1: Nanohenry range chip inductor

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija CENELEC

EN 62606:2013/A1:2017
General requirements for arc fault detection devices (IEC 62606:2013/A1:2017)

HD 60364-5-52/A11:2017
Low-voltage electrical installations – Part 5-52: Selection and erection of electrical equipment – Wiring systems

Međunarodna normizacija IEC

IEC 61643-331:2017
Components for low-voltage surge protective devices – Part 331: Performance requirements and test methods for metal oxide varistors (MOV)

IEC 63024:2017
Requirements for automatic reclosing devices (ARDs) for circuit-breakers, RCBOs and RCCBs for household and similar uses

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Europska normizacija CENELEC

EN 62501/A2:2017
Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing (IEC 62501:2009/A2:2017)

Međunarodna normizacija IEC

IEC 62271-110 Corrigendum 1:2017
High-voltage switchgear and controlgear – Part 110: Inductive load switching; Corrigendum 1

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Europska normizacija CENELEC

EN 60947-5-1:2017
Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices (IEC 60947-5-1:2016 + COR1:2016)

29.140.30 Fluorescentne svjetiljke. Svjetiljke

s izbojem

Međunarodna normizacija IEC

IEC 62386-332:2017
Digital addressable lighting interface – Part 332: Particular requirements – Input devices – Feedback

29.160.01 Rotacijski strojevi općenito

Međunarodna normizacija IEC

IEC 60034-27-1:2017
Rotating electrical machines – Part 27-1: Off-line partial discharge measurements on the winding insulation

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Međunarodna normizacija IEC

IEC 62927 Corrigendum 1:2017
Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical testing; Corrigendum 1

29.240.01 Mreže za prijenos i razdiobu električne energije općenito

Međunarodna normizacija IEC

IEC 60050-617 AMD 2:2017
International electrotechnical vocabulary – Part 617: Organization/Market of electricity

IEC 60050-692:2017
International electrotechnical vocabulary – Part 692: Generation, transmission and distribution of electrical energy – Dependability and quality of service of electric power systems

29.260.20 Električni uređaji za eksplozivnu atmosferu

Europska normizacija CENELEC

EN 60079-18/A1:2017
Explosive atmospheres – Part 18: Equipment protection by encapsulation „m“ (IEC 60079-18:2014/A1:2017)

Međunarodna normizacija IEC

IECEX 02 Edition 6.1:2017
IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEX System) – Rules of Procedure

IECEX 03-0:2017
IECEX certified service facilities scheme covering repair and overhaul of ex equipment – Part 0: General rules of procedure

IECEX 03-2 Edition 1.1:2017
IECEX certified service facilities scheme – Part 2: Selection of Ex equipment and design of Ex installations – Rules of procedure

IECEX 03-3 Edition 1.1:2017
IECEX certified service facilities scheme – Part 3: Ex installation and initial inspection – Rules of procedure

IECEX 03-4:2017
IECEX certified service facilities scheme – Part 4: Ex installation and maintenance – Rules of procedure

IECEX 03-5 Edition 1.1:2017
IECEX certified service facilities scheme – Part 5: Repair,

overhaul and reclamation of Ex equipment – Rules of procedure

IECEX 05 Edition 4.1:2017
IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEX System) – IECEX Scheme for Certification of Personnel Competence for Explosive Atmospheres – Rules of Procedure

IEC 60079-0:2017
Explosive atmospheres – Part 0: Equipment – General requirements

IEC 60079-15:2017
Explosive atmospheres – Part 15: Equipment protection by type of protection „n“

31.020 Elektronički sastavni dijelovi općenito

Europska normizacija CENELEC

EN 61360-1:2017
Standard data element types with associated classification scheme – Part 1: Definitions – Principles and methods (IEC 61360-1:2017)

Međunarodna normizacija IEC

IECQ 03-5:2017-08
IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 5: IECQ HSPM Scheme – Hazardous Substance Process Management Requirements

IEC 62368-3:2017
Audio/video, information and communication technology equipment – Part 3: Safety aspects for DC power transfer through communication cables and ports

31.040.20 Potencijometri, promjenjivi otpornici

Međunarodna normizacija IEC

IEC 61643-331:2017
Components for low-voltage surge protective devices – Part 331: Performance requirements and test methods for metal oxide varistors (MOV)

31.080.01 Poluvodičke naprave općenito

Međunarodna normizacija IEC

IEC 60749-12:2017
Semiconductor devices – Mechanical and climatic test methods – Part 12: Vibration, variable frequency

IEC 62969-1:2017
Semiconductor devices – Semiconductor interface for automotive vehicles – Part 1: General requirements of power interface for automotive vehicle sensors

31.140 Piezoelektrične naprave

Europska normizacija CENELEC

EN 62884-2:2017
Measurement techniques of piezoelectric, dielectric and electrostatic oscillators – Part 2: Phase jitter measurement method (IEC 62884-2:2017)

Međunarodna normizacija IEC

- IEC 60122-1 AMD 1:2017
Quartz crystal units of assessed quality – Part 1: Generic specification; Amendment 1
- IEC 60122-1 Edition 3.1:2017
Quartz crystal units of assessed quality – Part 1: Generic specification
- IEC 63041-1:2017
Piezoelectric sensors – Part 1: Generic specifications
- IEC 63041-2:2017
Piezoelectric sensors – Part 2: Chemical and biochemical sensors

31.180 Tiskani krugovi i pločice

Međunarodna normizacija IEC

- IEC 60194-2:2017
Printed boards design, manufacture and assembly – Vocabulary – Part 2: Common usage in electronic technologies as well as printed board and electronic assembly technologies

31.190 Sklopovi elektroničkih sastavnih dijelova

Međunarodna normizacija IEC

- IEC 60194-2:2017
Printed boards design, manufacture and assembly – Vocabulary – Part 2: Common usage in electronic technologies as well as printed board and electronic assembly technologies
- IEC 61190-1-3:2017
Attachment materials for electronic assembly – Part 1-3: Requirements for electronic grade solder alloys and fluxed and non-fluxed solid solder for electronic soldering applications

31.200 Integrirani krugovi. Mikroelektronika

Europska normizacija CENELEC

- EN 60747-16-3:2002/A2:2017
Semiconductor devices – Part 16-3: Microwave integrated circuits – Frequency converters (IEC 60747-16-3:2002/A2:2017)

31.220.10 Utikačke i utičničke naprave. Konektori

Međunarodna normizacija IEC

- IEC 61076-2-111:2017
Connectors for electrical and electronic equipment – Product requirements – Part 2-111: Circular connectors – Detail specification for power connectors with M12 screw-locking
- IEC 61076-3-119:2017
Connectors for electrical and electronic equipment – Product requirements – Part 3-119: Rectangular connectors – Detail specification for shielded and unshielded, free and fixed 10-way connectors with push-pull coupling for industrial environments for data transmission with frequencies up to 100 MHz

31.260 Optoelektronika. Laserska oprema

Međunarodna normizacija IEC

- IEC 60825-1 Interpretation Sheet 1:2017
Safety of laser products – Part 1: Equipment classification and requirements; Interpretation sheet 1
- IEC 60825-1 Interpretation Sheet 2:2017
Safety of laser products – Part 1: Equipment classification and requirements; Interpretation sheet 2

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija ETSI

- ETSI TS 103222-2 V 1.1.1:2017
Speech and multimedia Transmission Quality (STQ) – Reference benchmarking, background traffic profiles and KPIs – Part 2: Reference benchmarking and KPIs for High speed internet
- ETSI TR 103225 V 1.1.1:2018
Speech and multimedia Transmission Quality (STQ) – Transmission quality and speech intelligibility for hearing impaired people
- ETSI TS 103281 V 1.2.1:2018
Speech and multimedia Transmission Quality (STQ) – Speech quality in the presence of background noise: Objective test methods for super-wideband and fullband terminals
- ETSI GR OEU 023 V 1.1.1:2017
Operational energy Efficiency for Users (OEU) – Plastic Optical Fiber Plugtests to determine the interoperability of networking equipment manufactured by different vendors

33.040.40 Mreže za prijenos podataka

Europska normizacija ETSI

- ETSI TR 103453 V 1.1.1:2017-12
Network Technologies (NTECH) – Impact of alphanumeric user identifiers on interconnection scenarios

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija ETSI

- ETSI TS 101596-1 V 6.1.1:2018
Core Network and Interoperability Testing (INT) – Terminating Identification Presentation (TIP) and Terminating Identification Restriction (TIR) using IP Multimedia (IM) Core Network (CN) subsystem – Conformance Test Specification – (3GPPTM Release 12) – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 101596-2 V 6.1.1:2018
Core Network and Interoperability Testing (INT) – Terminating Identification Presentation (TIP) and Terminating Identification Restriction (TIR) using IP Multimedia (IM) Core Network (CN) subsystem – Conformance Test Specification – (3GPPTM Release 12) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)
- ETSI TS 186006-1 V 3.1.1:2017
Core Network and Interoperability Testing (INT) – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem – Conformance Test Specification – (3GPPTM Release 12) – Part 1: Protocol Implementation Conformance Statement (PICS)
- ETSI TS 186007-1 V 3.1.1:2017
Core Network and Interoperability Testing (INT)

– Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Conformance test specification – (3GPPTM Release 12) – Part 1: Protocol Implementation Conformance Statement (PICS)

ETSI TS 186007-2 V 5.1.1:2017
Core Network and Interoperability Testing (INT) – Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Conformance test specification – (3GPPTM Release 12) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)

ETSI TS 186010-1 V 4.1.1:2017
Core Network and Interoperability Testing (INT) – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Conformance test specification – (3GPPTM Release 12) – Part 1: Protocol Implementation Conformance Statement (PICS)

ETSI TS 186010-2 V 4.1.1:2017
Core Network and Interoperability Testing (INT) – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Conformance test specification – (3GPPTM Release 12) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)

ETSI TS 186014-1 V 3.1.1:2017
Core Network and Interoperability Testing (INT) – Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem – (3GPPTM Release 12) – Part 1: Protocol Implementation Conformance Statement (PICS)

ETSI TS 186014-2 V 4.1.1:2017
Core Network and Interoperability Testing (INT) – Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem – (3GPPTM Release 12) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija
CENELEC

EN 62802:2017
Measurement methods of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulators in high-frequency radio on fibre (RoF) Systems (IEC 62802:2017)

33.070.10 Terestrijalni trunking radio (TETRA)

Europska normizacija
ETSI

EN 300392-3-3 V 1.4.1:2017
Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 3: Interworking at the Inter-System Interface (ISI) – Sub-part 3: Additional Network Feature Group Call (ANF-ISIGC)

33.100.10 Zračenje

Europska normizacija
CENELEC

CLC/TR 50669:2017
Investigation Results on Electromagnetic Interference in the Frequency Range below 150 kHz

33.100.20 Otpornost

Međunarodna normizacija
IEC

IEC 61000-6-5 Corrigendum 1:2017
Electromagnetic compatibility (EMC) – Part 6-5: Generic standards – Immunity for equipment used in power station and substation environment; Corrigendum 1

33.120.10 Koaksijalni kabeli. Valovodi

Europska normizacija
CENELEC

EN 60153-4:2017
Hollow metallic waveguides – Part 4: Relevant specifications for circular waveguides (IEC 60153-4:2017)

33.120.20 Žice i simetrični kabeli

Europska normizacija
CENELEC

EN 62680-1-3:2017
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-C™ Cable and Connector Specification (IEC 62680-1-3:2017)

33.120.30 RF konektori

Europska normizacija
CENELEC

EN 62680-1-3:2017
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-C™ Cable and Connector Specification (IEC 62680-1-3:2017)

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Međunarodna normizacija
IEC

IEC 62368-3:2017
Audio/video, information and communication technology equipment – Part 3: Safety aspects for DC power transfer through communication cables and ports

33.170 Televizijski i radijski prijenos

Europska normizacija
ETSI

ETSI TS 103205 V 1.3.1:2017
Digital Video Broadcasting (DVB) – Extensions to the CI Plus™ Specification

33.180.01 Svjetlovodni sustavi općenito

Međunarodna normizacija
IEC

IEC 61281-1:2017
Fibre optic communication subsystems – Part 1: Generic specification

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija
CENELEC

EN 60793-1-48:2017
Optical fibres – Part 1-48: Measurement methods and test procedures – Polarization mode Dispersion (IEC 60793-1-48:2017)

33.180.20 Svjetlovodni vezne naprave

Međunarodna normizacija
IEC

IEC 61754-7-2:2017
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 7-2: Type MPO connector family – Two fibre rows

33.180.30 Optička pojačala

Međunarodna normizacija

IEC

IEC/TR 61292-9:2017
Optical amplifiers – Part 9: Semiconductor optical amplifiers (SOAs)

33.180.99 Ostala svjetlovodna oprema

Europska normizacija CENELEC

EN 62802:2017
Measurement methods of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulators in high-frequency radio on fibre (RoF) Systems (IEC 62802:2017)

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija CENELEC

EN 62351-7:2017
Power systems management and associated information exchange – Data and communications security – Part 7: Network and System Management (NSM) data object models (IEC 62351-7:2017)

35.020 Informacijska tehnologija (IT) općenito

Međunarodna normizacija ISO

ISO/IEC TR 22417:2017
Information technology – Internet of things (IoT) use cases

ISO/IEC TR 38502:2017
Information technology – Governance of IT – Framework and model

35.040.10 Kodiranje skupova znakova

Međunarodna normizacija ISO

ISO/IEC 10646:2017
Information technology – Universal Coded Character Set (UCS)

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija ISO

ISO/IEC 23002-5:2017
Information technology – MPEG video technologies – Part 5: Reconfigurable media coding conformance and reference software

ISO/IEC 23003-1 AMD 4:2017
Information technology – MPEG audio technologies – Part 1: MPEG Surround – Amendment 4: Reference software for MPEG surround extension for 3D audio

ISO/IEC 23003-4 AMD 1:2017
Information technology – MPEG audio technologies – Part 4: Dynamic Range Control – Amendment 1: Parametric DRC, gain mapping and equalization tools

ISO/IEC 23008-12:2017
Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 12: Image File Format

ISO/IEC 23009-6:2017
Information technology – Dynamic adaptive streaming over HTTP (DASH) – Part 6: DASH with server push and WebSockets

35.080 Softver (programaska podrška)

Međunarodna normizacija ISO

ISO/IEC 19770-1:2017
Information technology – IT asset management – Part 1: IT asset management systems – Requirements

ISO/IEC 29155-1:2017
Systems and software engineering – Information technology project performance benchmarking framework – Part 1: Concepts and definitions

35.100.10 Fizikalni sloj

Međunarodna normizacija ISO

ISO/IEC TR 22512:2017
Information technology – Telecommunications and information exchange between systems – Guidelines for the implementation of ISO/IEC 17982:2012

35.100.60 Sloj prikazivanja

Međunarodna normizacija ISO

ISO/IEC 8825-7 Technical Corrigendum 2:2017
Information technology – ASN.1 encoding rules – Part 7: Specification of Octet Encoding Rules (OER); Technical Corrigendum 2

35.110 Umrežavanje

Europska normizacija CENELEC

EN 62056-6-1:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-1: Object Identification System (OBIS) (IEC 62056-6-1:2017)

EN 62948:2017
Industrial networks – Wireless communication network and communication profiles – WIA-FA (IEC 62948:2017)

ETSI

ETSI TR 103453 V 1.1.1:2017
Network Technologies (NTECH) – Impact of alphanumeric user identifiers on interconnection scenarios

ETSI GR NFV-EVE 008 V 3.1.1:2017
Network Functions Virtualisation (NFV) Release 3 – Charging – Report on Usage Metering and Charging Use Cases and Architectural Study

ETSI GR NFV-EVE 010 V 3.1.1:2017
Network Functions Virtualisation (NFV) Release 3 – Licensing Management – Report on License Management for NFV

ETSI GR NFV-EVE 012 V 3.1.1:2017
Network Functions Virtualisation (NFV) Release 3 – Evolution and Ecosystem – Report on Network Slicing Support with ETSI NFV Architecture Framework

Međunarodna normizacija IEC

IEC 62056-8-5 Corrigendum 1:2017

Electricity metering data exchange – The DLMS/COSEM suite – Part 8-5: Narrow-band OFDM G3-PLC communication profile for neighbourhood networks; Corrigendum 1

35.160 Mikroprocesorski sustavi

Europska normizacija CENELEC

- EN 61784-3-8:2017
Industrial communication networks – Profiles – Part 3-8: Functional safety fieldbuses – Additional specifications for CPF 8 (IEC 61784-3-8:2016)
- EN 61784-3-13:2017
Industrial communication networks – Profiles – Part 3-13: Functional safety fieldbuses – Additional specifications for CPF 13 (IEC 61784-3-13:2016)
- EN 61784-3-17:2017
Industrial communication networks – Profiles – Part 3-17: Functional safety fieldbuses – Additional specifications for CPF 17 (IEC 61784-3-17:2016)
- EN 62453-301/A1:2017
Field device tool (FDT) interface specification – Part 301: Communication profile integration – IEC 61784 CPF 1 (IEC 62453-301:2009/A1:2016)
- EN 62453-302:2017
Field device tool (FDT) interface specification – Part 302: Communication profile integration – IEC 61784 CPF 2 (IEC 62453-302:2016)
- EN 62453-309:2017
Field device tool (FDT) interface specification – Part 309: Communication profile integration – IEC 61784 CPF 9 (IEC 62453-309:2016)

35.200 Sučelna i spojna oprema

Europska normizacija CENELEC

- EN 62680-1-3:2017
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-CTM Cable and Connector Specification (IEC 62680-1-3:2017)

Međunarodna normizacija ISO

- ISO/IEC 14776-154:2017
Information technology – Small Computer System Interface (SCSI) – Part 154: Serial Attached SCSI – 3 (SAS-3)

35.240.15 Identifikacijske kartice i pripadajuće naprave

Europska normizacija CEN

- EN 419212-2:2017
Application Interface for Secure Elements for Electronic Identification, Authentication and Trusted Services – Part 2: Signature and Seal Services

Međunarodna normizacija ISO

- ISO/IEC 7816-9:2017
Identification cards – Integrated circuit cards – Part 9: Commands for card management
- ISO/IEC 30107-2:2017
Information technology – Biometric presentation attack detection – Part 2: Data formats

35.240.30 Primjene informacijske tehnologije u obavješćivanju, dokumentaciji i izdavaštvu

Međunarodna normizacija ISO

- ISO 18626:2017
Information and documentation – Interlibrary Loan Transactions

35.240.50 Primjene informacijske tehnologije u industriji

Europska normizacija CENELEC

- EN 61784-3-8:2017
Industrial communication networks – Profiles – Part 3-8: Functional safety fieldbuses – Additional specifications for CPF 8 (IEC 61784-3-8:2016)
- EN 61784-3-13:2017
Industrial communication networks – Profiles – Part 3-13: Functional safety fieldbuses – Additional specifications for CPF 13 (IEC 61784-3-13:2016)
- EN 61784-3-17:2017
Industrial communication networks – Profiles – Part 3-17: Functional safety fieldbuses – Additional specifications for CPF 17 (IEC 61784-3-17:2016)
- EN 62453-301/A1:2017
Field device tool (FDT) interface specification – Part 301: Communication profile integration – IEC 61784 CPF 1 (IEC 62453-301:2009/A1:2016)
- EN 62453-302:2017
Field device tool (FDT) interface specification – Part 302: Communication profile integration – IEC 61784 CPF 2 (IEC 62453-302:2016)
- EN 62453-309:2017
Field device tool (FDT) interface specification – Part 309: Communication profile integration – IEC 61784 CPF 9 (IEC 62453-309:2016)

Međunarodna normizacija IEC

- IEC/TR 62325-103:2017
Framework for energy market communications – Part 103: Review of information exchanges within the deregulated European style retail energy market from a CIM perspective

35.240.60 Primjene informacijske tehnologije u prijevozu i trgovini

Europska normizacija CEN

- EN 15969-1:2017
Tanks for transport of dangerous goods – Digital interface for the data transfer between tank vehicle and with stationary facilities – Part 1: Protocol specification – Control, measurement and event data
- EN 15969-2:2017
Tanks for transport of dangerous goods – Digital interface for the data transfer between tank vehicle and with stationary facilities – Part 2: Commercial and logistic data

Međunarodna normizacija ISO

- ISO/TR 16401-1:2018
Electronic fee collection – Evaluation of equipment for conformity to ISO/TS 17575-2 – Part 1: Test suite structure and test purposes
- ISO/TR 16401-2:2018
Electronic fee collection – Evaluation of equipment for conformity to ISO 17575-2 – Part 2: Abstract test suite

ISO 16787:2017
Intelligent transport systems – Assisted parking system (APS)
– Performance requirements and test procedures

ISO 19237:2017
Intelligent transport systems – Pedestrian detection and
collision mitigation systems (PDCMS) – Performance
requirements and test procedures

35.240.70 Primjene informacijske tehnologije u znanosti

Europska normizacija
CEN

EN ISO 19160-4:2017
Addressing – Part 4: International postal address components
and template language (ISO 19160-4:2017)

35.240.80 Primjene informacijske tehnologije u tehnologiji zaštite zdravlja

Europska normizacija
CEN

EN ISO 11615:2017
Health informatics – Identification of medicinal products
– Data elements and structures for the unique identification
and exchange of regulated medicinal product information
(ISO 11615:2017)

EN ISO 11616:2017
Health informatics – Identification of medicinal products
– Data elements and structures for the Unique Identification
and Exchange of regulated Pharmaceutical Product
Information (ISO 11616:2017)

35.240.95 Internetske primjene

Europska normizacija
ETSI

ETSI GR IP6 010 V 1.1.1:2017
IPv6-based SDN and NFV – Deployment of IPv6-based SDN
and NFV

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija
CEN

EN ISO 20380:2017
Public swimming pools – Computer vision systems for the
detection of drowning accidents in swimming pools – Safety
requirements and test methods (ISO 20380:2017)

Međunarodna normizacija
ISO

ISO 11783-1:2017
Tractors and machinery for agriculture and forestry – Serial
control and communications data network – Part 1: General
standard for mobile data communication

IEC

IEC 62386-332:2017
Digital addressable lighting interface – Part 332: Particular
requirements – Input devices – Feedback

37.020 Optička oprema

Međunarodna normizacija
ISO

ISO 29301:2017
Microbeam analysis – Analytical electron microscopy
– Methods for calibrating image magnification by using
reference materials with periodic structures

37.080 Primjene u preslikavanju dokumenata

Međunarodna normizacija
ISO

ISO/IEC 12034-1:2017
Information technology – Archive eXchange Format (AXF)
– Part 1: Structure and semantics

37.100.10 Oprema za umnožavanje

Međunarodna normizacija
ISO

ISO 12636:2018
Graphic technology – Blankets for offset printing

43.020 Cestovna vozila općenito

Međunarodna normizacija
ISO

ISO 20077-2:2018
Road Vehicles – Extended vehicle (ExVe) methodology
– Part 2: Methodology for designing the extended vehicle

43.040.10 Električna i elektronička oprema

Međunarodna normizacija
IEC

IEC 62969-1:2017
Semiconductor devices – Semiconductor interface for
automotive vehicles – Part 1: General requirements of power
interface for automotive vehicle sensors

43.040.80 Sustavi za zaštitu od sudara i držanje

Međunarodna normizacija
ISO

ISO 19237:2017
Intelligent transport systems – Pedestrian detection and
collision mitigation systems (PDCMS) – Performance
requirements and test procedures

43.060.40 Sustavi goriva

Međunarodna normizacija
ISO

ISO 12619-7:2017
Road vehicles – Compressed gaseous hydrogen (CGH2)
and hydrogen/natural gas blends fuel system components
– Part 7: Gas injector

43.080.01 Gospodarska vozila općenito

Međunarodna normizacija
ISO

ISO 19377:2017
Heavy commercial vehicles and buses – Emergency braking
on a defined path – Test method for trajectory measurement

45.040 Materijali i sastavni dijelovi za željezničku tehniku

Europska normizacija CEN

EN 13103-1:2017
Railway applications – Wheelsets and bogies – Part 1: Design method for axles with external journals

45.060.10 Vučna vozila

Međunarodna normizacija IEC

IEC 62928:2017
Railway applications – Rolling stock – Onboard lithium-ion traction batteries

45.100 Oprema za žičare

Europska normizacija CEN

EN 1907:2017
Safety requirements for cableway installations designed to carry persons – Terminology

47.080 Mala plovila

Međunarodna normizacija ISO

ISO 15085 AMD 2:2017
Small craft – Man-overboard prevention and recovery; Amendment 2

49.025.01 Materijali za zrakoplovne konstrukcije općenito

Europska normizacija CEN

EN 6064:2017
Aerospace series – Analysis of non-metallic materials (cured) for the determination of the extent of cure by Differential Scanning Calorimetry (DSC)

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija CEN

EN 4533-002:2017
Aerospace series – Fibre optic systems – Handbook – Part 002: Test and measurement

EN 4533-003:2017
Aerospace series – Fibre optic systems – Handbook – Part 003: Looming and installation practices

Međunarodna normizacija ISO

ISO 6858:2017
Aircraft – Ground support electrical supplies – General requirements

IEC

IEC 62396-2:2017
Process management for avionics – Atmospheric radiation effects – Part 2: Guidelines for single event effects testing for avionics systems

49.100 Zemaljska služba i oprema za održavanje

Europska normizacija CEN

EN ISO 1825:2017
Rubber hoses and hose assemblies for aircraft ground fuelling and defuelling – Specification (ISO 1825:2017)

Međunarodna normizacija ISO

ISO 6858:2017
Aircraft – Ground support electrical supplies – General requirements

53.040.20 Sastavni dijelovi za prijenosne trake

Europska normizacija CEN

EN ISO 505:2017
Conveyor belts – Method for the determination of the tear propagation resistance of textile conveyor belts (ISO 505:2017)

53.060 Industrijski prijevozni sustavi

Međunarodna normizacija ISO

ISO 20297-1:2017
Industrial trucks – Lorry-mounted trucks – Part 1: Safety requirements and verification

53.100 Strojevi za zemljane radove

Europska normizacija CEN

EN ISO 16001:2017
Earth-moving machinery – Object detection systems and visibility aids – Performance requirements and tests (ISO 16001:2017)

59.080.01 Tekstili općenito

Europska normizacija CEN

EN ISO 105-B03:2017
Textiles – Tests for colour fastness – Part B03: Colour fastness to weathering: Outdoor exposure (ISO 105-B03:2017)

Međunarodna normizacija ISO

ISO 3175-1:2017
Textiles – Professional care, drycleaning and wetcleaning of fabrics and garments – Part 1: Assessment of performance after cleaning and finishing

ISO 3175-2:2017
Textiles – Professional care, drycleaning and wetcleaning of fabrics and garments – Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene

ISO 3175-3:2017
Textiles – Professional care, drycleaning and wetcleaning of fabrics and garments – Part 3: Procedure for testing performance when cleaning and finishing using hydrocarbon solvents

ISO 15797:2017
Textiles – Industrial washing and finishing procedures for testing of workwear

59.080.30 Tekstilni proizvodi

Međunarodna normizacija ISO

ISO 12138:2017
Textiles – Domestic laundering procedures for textile fabrics prior to flammability testing

59.140.30 Koža i krzno

Međunarodna normizacija ISO

ISO 20701:2017
Leather – Tests for colour fastness – Colour fastness to saliva

61.060 Obuća

Međunarodna normizacija ISO

ISO 20870:2017
Footwear – Ageing conditioning

IEC

IEC 61340-4-3:2017
Electrostatics – Part 4-3: Standard test methods for specific applications – Footwear

65.060.01 Poljoprivredni strojevi i oprema općenito

Međunarodna normizacija ISO

ISO 11783-1:2017
Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 1: General standard for mobile data communication

65.060.50 Oprema za žetvu

Europska normizacija CEN

EN ISO 4254-7:2017
Agricultural machinery – Safety – Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters (ISO 4254-7:2017)

65.060.70 Oprema za vrtlarstvo

Europska normizacija CENELEC

EN 62841-3-9:2015/A11:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-9: Particular requirements for transportable mitre saws

Međunarodna normizacija ISO

ISO 5395-1 AMD 1:2017
Garden equipment – Safety requirements for combustion-engine-powered lawnmowers – Part 1: Terminology and common tests – Amendment 1: Annex G (Vibration test code – Hand-arm vibration and whole-body vibration)

IEC

IEC 60335-2-107:2017
Household and similar electrical appliances – Safety – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers

IEC 62841-4-2:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers

65.060.80 Oprema za šumarstvo

Europska normizacija CENELEC

EN 62841-3-9:2015/A11:2017
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-9: Particular requirements for transportable mitre saws

65.080 Gnojiva

Europska normizacija CEN

EN 13368-3:2017
Fertilizers – Determination of chelating agents in fertilizers by chromatography – Part 3: Determination of [S,S]-EDDS by ion pair chromatography

Međunarodna normizacija ISO

ISO 20702:2017
Fertilizers and soil conditioners – Determination of microamounts of inorganic anions in fertilizers by ion chromatography

ISO 21263:2017
Slow-release fertilizers – Determination of the release of the nutrients – Method for coated fertilizers

67.060 Žitarice, mahunarke i proizvodi od žitarica i mahunarka

Europska normizacija CEN

EN ISO 11746:2012/A1:2017
Rice – Determination of biometric characteristics of kernels – Amendment 1 (ISO 11746:2012/Amd 1:2017)

67.140.20 Kava i nadomjesci za kavu

Međunarodna normizacija ISO

ISO 18794:2018
Coffee – Sensory analysis – Vocabulary

67.200.10 Životinjske i biljne masti i ulja

Međunarodna normizacija ISO

ISO 18363-3:2017
Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 3: Method using acid transesterification and measurement for 2-MCPD, 3-MCPD and glycidol

67.220.10 Mirodije i začini

Europska normizacija CEN

EN ISO 6571:2009/A1:2017
Spices, condiments and herbs – Determination of volatile oil content (hydrodistillation method) – Amendment 1 (ISO 6571:2008/Amd 1:2017)

67.240 Senzorske analize

Međunarodna normizacija ISO

ISO 10399:2017
Sensory analysis – Methodology – Duo-trio test

71.100.60 Eterična ulja

Međunarodna normizacija ISO

ISO 20809:2017
Essential oil of cypress (*Cupressus sempervirens* L.)

73.060.10 Željezove rude

Međunarodna normizacija ISO

ISO 4701:2017
Iron ores and direct reduced iron – Determination of size distribution by sieving

73.100.30 Oprema za bušenje i iskopavanje rudnika

Europska normizacija CEN

EN ISO 19225:2017
Underground mining machines – Mobile extracting machines at the face – Safety requirements for shearer loaders and plough systems (ISO 19225:2017)

75.020 Crpenje i obrada nafte i prirodnoga plina

Međunarodna normizacija ISO

ISO 35103:2017
Petroleum and natural gas industries – Arctic operations – Environmental monitoring

ISO 35106:2017
Petroleum and natural gas industries – Arctic operations – Metocean, ice, and seabed data

75.080 Naftni proizvodi općenito

Europska normizacija CEN

EN ISO 4259-1:2017
Petroleum and related products – Precision of measurement methods and results – Part 1: Determination of precision data in relation to methods of test (ISO 4259-1:2017)

EN ISO 4259-2:2017
Petroleum and related products – Precision of measurement methods and results – Part 2: Interpretation and application of precision data in relation to methods of test (ISO 4259-2:2017)

75.100 Maziva, industrijska ulja i srodni proizvodi

Međunarodna normizacija ISO

ISO 20623:2017
Petroleum and related products – Determination of the extreme-pressure and anti-wear properties of lubricants – Four-ball method (European conditions)

75.160.10 Kruta goriva

Europska normizacija CEN

EN 1860-1+A1/AC:2017
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods

75.160.20 Tekuća goriva

Međunarodna normizacija ISO

ISO 5165:2017
Petroleum products – Determination of the ignition quality of diesel fuels – Cetane engine method

75.180.10 Oprema za iskorištavanje i vađenje

Europska normizacija CEN

EN ISO 19901-2:2017
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 2: Seismic design procedures and criteria (ISO 19901-2:2017)

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Međunarodna normizacija ISO

ISO 3183 AMD 1:2017
Petroleum and natural gas industries – Steel pipe for pipeline transportation systems; Amendment 1

77.040.10 Mehaničko ispitivanje metala

Međunarodna normizacija ISO

ISO 4545-1:2017
Metallic materials – Knoop hardness test – Part 1: Test method

ISO 4545-2:2017
Metallic materials – Knoop hardness test – Part 2: Verification and calibration of testing machines

ISO 4545-3:2017
Metallic materials – Knoop hardness test – Part 3: Calibration of reference blocks

ISO 4545-4:2017
Metallic materials – Knoop hardness test – Part 4: Table of hardness values

77.060 Korozija metala

Međunarodna normizacija ISO

ISO 11130:2017
Corrosion of metals and alloys – Alternate immersion test in salt solution

77.080.10 Željezni lijevovi

Međunarodna normizacija ISO

ISO 945-1:2017
Microstructure of cast irons – Part 1: Graphite classification by visual analysis

77.120.40 Nikal, krom i njihove legure

Međunarodna normizacija ISO

ISO 11437:2018
Nickel alloys – Determination of lead – Electrothermal atomic absorption spectrometric method

77.140.75 Čelične cijevi i čelične cijevi za posebnu namjenu

Međunarodna normizacija ISO

ISO 3183 AMD 1:2017
Petroleum and natural gas industries – Steel pipe for pipeline transportation systems; Amendment 1

79.100 Pluto i proizvodi od pluta

Međunarodna normizacija ISO

ISO 1216:2017
Boiled reproduction cork – Grading, classification and packing

79.120.10 Strojevi za obradu drva

Europska normizacija CEN

EN ISO 19085-3:2017
Woodworking machines – Safety requirements – Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017)

EN ISO 19085-6:2017
Woodworking machines – Safety – Part 6: Single spindle vertical moulding machines („toupies“) (ISO 19085-6:2017)

83.040.20 Sastojci gume

Međunarodna normizacija ISO

ISO 5435:2017
Rubber compounding ingredients – Carbon black – Determination of tinting strength

83.080.20 Plastomerni materijali

Europska normizacija CEN

EN ISO 294-5:2017
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 5: Preparation of standard specimens for investigating anisotropy (ISO 294-5:2017)

Međunarodna normizacija ISO

ISO 20029-1:2017
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 1: Designation system and basis for specification

ISO 20029-2:2017
Plastics – Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion – Part 2: Preparation of test specimens and determination of properties

83.140.20 Laminatne ploče

Europska normizacija CEN

EN 438-9:2017
High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (usually called laminates) – Part 9: Classification and specifications for alternative core laminates

83.140.40 Crijeva

Europska normizacija CEN

EN ISO 1825:2017
Rubber hoses and hose assemblies for aircraft ground fuelling and defuelling – Specification (ISO 1825:2017)

Međunarodna normizacija ISO

ISO 8028:2017
Rubber and/or plastics hoses and hose assemblies for airless paint spraying – Specification

ISO 23297:2017
Thermoplastic hoses and hose assemblies – Wire or synthetic yarn reinforced single-pressure types for hydraulic applications – Specification

83.140.99 Ostali gumeni i plastični proizvodi

Međunarodna normizacija ISO

ISO 19821:2017
Determination of span rating for natural fibre-reinforced plastic composite (NFC) deck boards

85.020 Procesi proizvodnje papira

Međunarodna normizacija ISO

ISO 4094:2017
Paper, board and pulps – General requirements for the competence of laboratories authorized for the issue of optical reference transfer standards of level 3

85.040 Celuloza

Međunarodna normizacija ISO

ISO 4094:2017
Paper, board and pulps – General requirements for the competence of laboratories authorized for the issue of optical reference transfer standards of level 3

85.060 Papir i karton

Europska normizacija CEN

EN ISO 2812-1:2017
Paints and varnishes – Determination of resistance to liquids – Part 1: Immersion in liquids other than water (ISO 2812-1:2017)

EN ISO 2812-4:2017
Paints and varnishes – Determination of resistance to liquids – Part 4: Spotting methods (ISO 2812-4:2017)

Međunarodna normizacija ISO

ISO 6270-1:2017
Paints and varnishes – Determination of resistance to humidity – Part 1: Condensation (single-sided exposure)

87.100 Oprema za premazivanje bojom

Međunarodna normizacija ISO

ISO 8028:2017
Rubber and/or plastics hoses and hose assemblies for airless paint spraying – Specification

91.040.01 Građevine općenito

Međunarodna normizacija ISO

ISO 17800:2017
Facility smart grid information model

91.040.10 Javne građevine

Europska normizacija CEN

EN ISO 20108:2017
Simultaneous interpreting – Quality and transmission of sound and image input – Requirements (ISO 20108:2017)

91.120.20 Akustika u zgradama. Zvučna izolacija

Europska normizacija CEN

EN ISO 16283-1:2014/A1:2017
Acoustics – Field measurement of sound insulation in buildings and of building elements – Part 1: Airborne sound insulation – Amendment 1 (ISO 16283-1:2014/Amd 1:2017)

91.120.40 Zaštita od groma

Europska normizacija CENELEC

EN 62561-4:2017
Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners (IEC 62561-4:2017)

EN 62561-5:2017
Lightning protection system components (LPSC) – Part 5: Requirements for earth electrode inspection housings and earth electrode seals (IEC 62561-5:2017)

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija CENELEC

EN 62056-6-1:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-1: Object Identification System (OBIS) (IEC 62056-6-1:2017)

HD 60364-5-52:2011/A11:2017
Low-voltage electrical installations – Part 5-52: Selection and erection of electrical equipment – Wiring systems

Međunarodna normizacija IEC

IEC 62056-8-5 Corrigendum 1:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 8-5: Narrow-band OFDM G3-PLC communication profile for neighbourhood networks; Corrigendum 1

91.140.60 Sustavi opskrbe vodom

Međunarodna normizacija ISO

ISO 3822-3:2018
Acoustics – Laboratory tests on noise emission from appliances and equipment used in water supply installations – Part 3: Mounting and operating conditions for in-line valves and appliances

91.220 Građevinska oprema

Međunarodna normizacija ISO

ISO 13105-2 AMD 1:2017
Building construction machinery and equipment – Machinery for concrete surface floating and finishing – Part 2: Safety requirements and verification; Amendment 1

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Europska normizacija CEN

EN ISO 18674-3:2017
Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 3: Measurement of displacements across a line: Inclinometers (ISO 18674-3:2017)

Međunarodna normizacija ISO

ISO 14688-1:2017
Geotechnical investigation and testing – Identification and classification of soil – Part 1: Identification and description

ISO 14688-2:2017
Geotechnical investigation and testing – Identification and classification of soil – Part 2: Principles for a classification

ISO 14689:2017
Geotechnical investigation and testing – Identification, description and classification of rock

ISO 17892-7:2017
Geotechnical investigation and testing – Laboratory testing of soil – Part 7: Unconfined compression test

93.080.20 Materijali za gradnju cesta

Europska normizacija CEN

EN 12697-10:2017
Bituminous mixtures – Test methods – Part 10: Compactability

CEN/TR 16958:2017
Road marking materials – Conditions for removing/masking road markings

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Europska normizacija CEN

EN 1860-1+A1:2017/AC:2017
Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods

97.040.40 Strojevi za pranje posuđa

Međunarodna normizacija IEC

IEC 60335-2-58:2017
Household and similar electrical appliances – Safety
– Part 2-58: Particular requirements for commercial electric
dishwashing machines

97.100.01 Uređaji za zagrijavanje općenito

Međunarodna normizacija IEC

IEC 60335-2-102:2017
Household and similar electrical appliances – Safety
– Part 2-102: Particular requirements for gas, oil and
solid-fuel burning appliances having electrical connections

97.120 Automatsko upravljanje za kućansku upotrebu

Europska normizacija CENELEC

EN 50631-1:2017
Household appliances network and grid connectivity
– Part 1: General Requirements, Generic Data Modelling
and Neutral Messages

Međunarodna normizacija IEC

IEC 62820-3-1:2017
Building intercom systems – Part 3-1: Application guidelines
– General

97.180 Razna kućanska i gospodarska oprema

Međunarodna normizacija ISO

ISO 12757-1:2017
Ball point pens and refills – Part 1: General use

ISO 14145-1:2017
Roller ball pens and refills – Part 1: General use

ISO 27668-1:2017
Gel ink ball pens and refills – Part 1: General use

97.220.10 Sportski objekti

Europska normizacija CEN

EN ISO 20380:2017
Public swimming pools – Computer vision systems for the
detection of drowning accidents in swimming pools – Safety
requirements and test methods (ISO 20380:2017)

97.220.20 Oprema za zimske sportove

Međunarodna normizacija ISO

ISO 6003:2017
Alpine skis – Determination of mass and polar moment of
inertia – Laboratory measurement method

ISO 7139:2017
Cross-country skis – Determination of elastic properties

ISO 7798:2017
Cross-country skis – Determination of fatigue indexes – Cyclic
loading test

ISO 8364:2017
Alpine skis and bindings – Binding mounting area
– Requirements and test methods

ISO 10045:2017
Alpine skis – Binding mounting area – Requirements for test
screws

97.220.30 Oprema za sportske dvorane

Europska normizacija CEN

EN ISO 20957-8:2017
Stationary training equipment – Part 8: Steppers, stairclimbers
and climbers – Additional specific safety requirements and
test methods (ISO 20957-8:2017)

EN ISO 20957-10:2017
Stationary training equipment – Part 10: Exercise bicycles
with a fixed wheel or without freewheel – Additional specific
safety requirements and test methods (ISO 20957-10:2017)

97.220.40 Oprema za sportove na otvorenom i sportove na vodi

Europska normizacija CEN

EN 14225-1:2017
Diving suits – Part 1: Wet suits – Requirements and test
methods

EN 14225-2:2017
Diving suits – Part 2: Dry suits – Requirements and test
methods

EN 14225-3:2017
Diving suits – Part 3: Actively heated or cooled suit systems
and components – Requirements and test methods