

Hrvatski zavod za norme

Oglasnik za normativne dokumente

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Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrtu hrvatskih norma, prijedloga za prihvaćanje stranih norma u izvorniku, povučene hrvatske norme, povučene nacrtu hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije 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

Sadržaj:

1	Rezultati hrvatske normizacije	A3
1.1	Hrvatske norme	A3
1.2	Nacrti hrvatskih norma	
1.3	Prijedlozi za prihvaćanje stranih norma u izvorniku	A13
1.4	Povučene hrvatske norme	A19
1.5	Povučeni nacrti hrvatskih norma	
1.6	Ispravci hrvatskih norma	A32
1.7	Naslovi objavljenih hrvatskih norma na hrvatskome jeziku	A33
1.8	Drugi normativni dokumenti	
1.9	Opća izdanja HZN-a	
1.10	Prijevod hrvatskih normativnih dokumenata	
2	Rezultati međunarodne i europske normizacije	A34

1 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 tri načina:

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

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

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 15004-2:2025 en pr
Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 2. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom FK-5-1-12 (ISO 14520-5:2024, MOD; EN 15004-2:2025)
Fixed firefighting systems – Gas extinguishing systems – Part 2: Physical properties and system design of gas extinguishing systems for FK-5-1-12 extinguishant (ISO 14520-5:2024, MOD; EN 15004-2:2025)

HZN/TO 22, *Cestovna vozila*

HRN EN ISO 15118-21:2025 en pr
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 21. dio: Zajednički ispitni plan za provjeru sukladnosti zahtjeva mrežnog sloja 2. generacije i aplikacijskog sloja (ISO 15118-21:2025; EN ISO 15118-21:2025)
Road vehicles – Vehicle to grid communication interface – Part 21: Common 2nd generation network layer and application layer requirements conformance test plan (ISO 15118-21:2025; EN ISO 15118-21:2025)

HRN EN 18060:2025 en pr
Cestovna vozila – Punjive baterije s unutarnjim skladištenjem energije – Značajke i trajnost alkalno-ionskih (Li-Ion, Na-Ion), Pb, NiMH i kombiniranih kemijskih modula i baterija električnih vozila (EN 18060:2025)
Road vehicles – Rechargeable batteries with internal energy storage – Performance and durability of alkali-Ion (Li-Ion; Na-Ion), Pb, NiMH and combined chemistries EV modules and batteries (EN 18060:2025)

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

HRN EN ISO 11680:2025 en pr
Strojevi za šumarstvo – Sigurnosni zahtjevi i ispitivanje za prijenosne motorne škare montirane na stup (ISO 11680:2025; EN ISO 11680:2025)
Machinery for forestry – Safety requirements and testing for portable pole mounted powered pruners (ISO 11680:2025; EN ISO 11680:2025)

HRN EN ISO 16122-1:2025 en pr
Poljoprivredna i šumarska mehanizacija – Inspekcija prskalica u upotrebi – 1. dio: Općenito (ISO 16122-1:2024, uključujući ispravljenu verziju 2025-05; EN ISO 16122-1:2025)
Agricultural and forestry machinery – Inspection of sprayers in use – Part 1: General (ISO 16122-1:2024, including corrected version 2025-05; EN ISO 16122-1:2025)

HRN EN ISO 16122-2:2025 en pr
Poljoprivredna i šumarska mehanizacija – Inspekcija prskalica u upotrebi – 2. dio: Prskalice s horizontalnom armaturom (ISO 16122-2:2024; EN ISO 16122-2:2025)
Agricultural and forestry machinery – Inspection of sprayers in use – Part 2: Horizontal boom sprayers (ISO 16122-2:2024; EN ISO 16122-2:2025)

HRN EN ISO 16122-3:2025 en pr
Poljoprivredna i šumarska mehanizacija – Inspekcija prskalica u upotrebi – 3. dio: Prskalice za grmlje i drveće (ISO 16122-3:2024; EN ISO 16122-3:2025)
Agricultural and forestry machinery – Inspection of sprayers in use – Part 3: Sprayers for bush and tree crops (ISO 16122-3:2024; EN ISO 16122-3:2025)

HRN EN ISO 16122-4:2025 en pr
Poljoprivredni i šumarski strojevi – Inspekcija prskalica u upotrebi – 4. dio: Nepomične i polupokretne prskalice (ISO 16122-4:2024; EN ISO 16122-4:2025)
Agricultural and forestry machines – Inspection of sprayers in use – Part 4: Fixed and semi-mobile sprayers (ISO 16122-4:2024; EN ISO 16122-4:2025)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 15613:2025 en pr
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Kvalifikacija pri pokusnome zavarivanju (ISO 15613:2025; EN ISO 15613:2025)
Specification and qualification of welding procedures for metallic materials – Qualification based on pre-production welding test (ISO 15613:2025; EN ISO 15613:2025)

HRN EN ISO 15614-2:2025 en pr
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 2. dio: Elektrolučno zavarivanje aluminija i njegovih legura (ISO 15614-2:2025; EN ISO 15614-2:2025)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 2: Arc welding of aluminium and its alloys (ISO 15614-2:2025; EN ISO 15614-2:2025)

HRN EN ISO 17662:2025 en pr
Zavarivanje – Umjeravanje, provjera i vrednovanje opreme za zavarivanje uključujući pomoćne aktivnosti (ISO 17662:2025; EN ISO 17662:2025)
Welding – Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO 17662:2025; EN ISO 17662:2025)

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

HRN EN ISO/IEC 19788-1:2025 en pr
Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci izvora za učenje – 1. dio: Okvir (ISO/IEC 19788-1:2024; EN ISO/IEC 19788-1:2025)
Information technology for learning, education and training – Metadata for learning resources – Part 1: Framework (ISO/IEC 19788-1:2024; EN ISO/IEC 19788-1:2025)

HZN/TO 54, *Eterična ulja*

HRN ISO 24600:2025 en pr
Eterično ulje rimske kamilice (Chamaemelum nobile (L.) All. syn. Anthemis nobilis L.) (ISO 24600:2025)
Essential oil of roman chamomile (Chamaemelum nobile (L.) All. syn. Anthemis nobilis L.) (ISO 24600:2025)

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

HRN EN ISO 13971:2025 en pr
Rashladni sustavi i dizalice topline – Fleksibilni cijevni elementi, kompenzatori vibracija, dilatacijski spojevi i nemetalne cijevi – Zahtjevi i klasifikacija (ISO 13971:2012; EN ISO 13971:2025)
Refrigeration systems and heat pumps – Flexible pipe elements, vibration isolators, expansion joints and non-metallic tubes – Requirements and classification (ISO 13971:2012; EN ISO 13971:2025)

HRN EN 17066-2:2025 en pr
Transportna sredstva s izoliranim prostorom za temperaturno osjetljivu robu – Zahtjevi i ispitivanje – 2. dio: Oprema (EN 17066-2:2025)
Insulated means of transport for temperature sensitive goods – Requirements and testing – Part 2: Equipment (EN 17066-2:2025)

HZN/TO 89, *Furniri i drvene ploče*

HRN EN 12369-1:2025 en pr
Ploče na osnovi drva – Svojstvene vrijednosti za projektiranje konstrukcija – 1. dio: OSB, iverice i vlaknate (EN 12369-1:2025)
Wood-based panels – Characteristic values for structural design – Part 1: OSB, particleboards and fibreboards (EN 12369-1:2025)

HRN EN 12369-2:2025 en pr
Ploče na osnovi drva – Svojstvene vrijednosti za projektiranje konstrukcija – 2. dio: Uslojeno drvo (EN 12369-2:2025)
Wood-based panels – Characteristic values for structural design – Part 2: Plywood (EN 12369-2:2025)

HZN/TO 92, *Zaštita od požara*

HRN EN 14135:2025 en pr
Obloga – Određivanje sposobnosti zaštite od požara (EN 14135:2025)
Covering – Determination of fire protection ability (EN 14135:2025)

HRN EN 15269-4:2025 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 4. dio: Otpornost na požar zaokretnih i okretnih staklenih vrata (EN 15269-4:2025)
Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 4: Fire resistance of hinged and pivoted glass doorsets (EN 15269-4:2025)

HZN/TO 134, *Gnojiva i poboljšivači tla*

HRN EN 12944-3:2025 en pr
Gnojiva, tvari za kalcizaciju i inhibitori – Terminološki rječnik – 3. dio: Nazivi koji se odnose na tvari za kalcizaciju (EN 12944-3:2025)
Fertilizers, liming materials and inhibitors – Vocabulary – Part 3: Terms relating to liming materials (EN 12944-3:2025)

HRN EN 14069:2025 en pr
Tvari za kalcizaciju – Oznake vrste, specifikacije i označivanje naljepnicom (EN 14069:2025)
Liming materials – Denominations, specifications and labelling (EN 14069:2025)

HRN EN 18103:2025 en pr
Mineralna gnojiva – Određivanje dušika u polimerima hranjivih tvari u prisutnosti drugih oblika dušika (EN 18103:2025)
Inorganic fertilizers – Determination of nutrient polymers nitrogen in the presence of other nitrogenous forms (EN 18103:2025)

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN ISO 5577:2025 en pr
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Terminološki rječnik (ISO 5577:2025; EN ISO 5577:2025)
Non-destructive testing – Ultrasonic testing – Vocabulary (ISO 5577:2025; EN ISO 5577:2025)

HRN EN ISO 32543-1:2025 en pr
Nerazorno ispitivanje – Značajke fokusnih točaka u industrijskim rendgenskim sustavima – 1. dio: Radiografska metoda pomoću dijafragme s rupicom (ISO 32543-1:2024; EN ISO 32543-1:2025)
Non-destructive testing – Characteristics of focal spots in industrial X-ray systems – Part 1: Pinhole camera radiographic method (ISO 32543-1:2024; EN ISO 32543-1:2025)

HRN EN ISO 32679:2025 en pr
Nerazorno ispitivanje – Određivanje veličine izvora zračenja u industrijskoj radiografiji – Radiografska metoda (ISO 32679:2024; EN ISO 32679:2025)
Non-destructive testing – Radiographic testing – Determination of the size of industrial radiographic gamma sources (ISO 32679:2024; EN ISO 32679:2025)

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

HRN EN 1555-1:2025 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 1. dio: Općenito (EN 1555-1:2025)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 1: General (EN 1555-1:2025)

HRN EN 1555-2:2025 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 2. dio: Cijevi (EN 1555-2:2025)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 2: Pipes (EN 1555-2:2025)

HRN EN 1555-3:2025 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 3. dio: Spojnice (EN 1555-3:2025)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 3: Fittings (EN 1555-3:2025)

HRN EN 1555-4:2025 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 4. dio: Ventili (EN 1555-4:2025)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 4: Valves (EN 1555-4:2025)

HRN EN 13476-1:2025 en pr
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanog poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 1. dio: Opći zahtjevi i svojstva (EN 13476-1:2025)
Plastics piping systems for non-pressure underground drains and sewers – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 1: General requirements and performance characteristics (EN 13476-1:2025)

HRN EN 13476-2:2025 en pr
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanog poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 2. dio: Specifikacije za cijevi i spojnice s glatkom unutarnjom i vanjskom površinom i sustav, tip A (EN 13476-2:2025)
Plastics piping systems for non-pressure underground drainage and sewerage – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 2: Specifications for pipes and fittings with smooth internal and external surface and the system, Type A (EN 13476-2:2025)

HRN EN 13476-3:2025 en pr
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanog poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 3. dio: Specifikacije za cijevi i spojnice s glatkom unutrašnjom i profiliranom vanjskom površinom i sustav, tip B (EN 13476-3:2025)
Plastics piping systems for non-pressure underground drains and sewers – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 3: Specifications for pipes and fittings with smooth internal and profiled external surface and the system, Type B (EN 13476-3:2025)

HRN EN ISO 16486-4:2025/A11:2025 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Cijevni sustavi od neomekšanog poliamida (PA-U) sa zavarivanjem i mehaničkim spajanjem – 4. dio: Ventili (EN ISO 16486-4:2025/A11:2025)
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 4: Valves (EN ISO 16486-4:2025/A11:2025)

HRN EN 16903:2025 en pr
Plastični cijevni sustavi ukopani izvan građevinske konstrukcije – Ekološka izjava o proizvodu – Pravila o kategoriji proizvoda komplementarna normi EN 15804 (EN 16903:2025)
Plastic piping systems buried outside the building structure – Environmental product declarations – Product category rules complementary to EN 15804 (EN 16903:2025)

HRN EN 16904:2025 en pr
Plastični cijevni sustavi unutar građevinske konstrukcije – Ekološka izjava o proizvodu – Pravila o kategoriji proizvoda komplementarna normi EN 15804 (EN 16904:2025)
Plastics piping systems inside the building structure – Environmental product declarations – Product category rules complementary to EN 15804 (EN 16904:2025)

HZN/TO 147, Kvaliteta vode

HRN EN 13946:2025 en pr
Kvaliteta vode – Savjetodavna norma za rutinsko uzorkovanje i prethodnu obradu riječnih i jezerskih bentoskih dijatomeja (EN 13946:2025)
Water quality – Guidance standard for the routine sampling and preparation of benthic diatoms from rivers and lakes (EN 13946:2025)

HRN EN ISO 16094-2:2025 en pr
Kvaliteta vode – Analiza mikroplastike u vodi – 2. dio: Metode vibracijske spektroskopije za vode s niskim sadržajem suspendiranih čestica uključujući vodu za piće (ISO 16094-2:2025; EN ISO 16094-2:2025)
Water quality – Analysis of microplastic in water – Part 2: Vibrational spectroscopy methods for waters with low content of suspended solids including drinking water (ISO 16094-2:2025; EN ISO 16094-2:2025)

HRN EN ISO 18724:2025 en pr
Kvaliteta vode – Određivanje kroma(VI) otopljenog u vodi – Fotometrijska metoda (ISO 18724:2025; EN ISO 18724:2025)
Water quality – Determination of dissolved chromium(VI) in water – Photometric method (ISO 18724:2025; EN ISO 18724:2025)

HZN/TO 159, Ergonomija

HRN EN ISO 7730:2025 en pr
Ergonomija toplinskog okoliša – Analitičko utvrđivanje i tumačenje toplinske udobnosti uporabom izračuna PMV i PPD indeksa i lokalnih toplinskih kriterija udobnosti (ISO 7730:2025; EN ISO 7730:2025)
Ergonomics of the thermal environment – Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria (ISO 7730:2025; EN ISO 7730:2025)

HZN/TO 163, Toplinska izolacija

HRN EN ISO 52016-3:2023/A1:2025 en pr
Energijiska svojstva zgrada – Energija potrebna za grijanje i hlađenje, unutarnje temperature i osjetna i latentna toplinska opterećenja – 3. dio: Postupci proračuna s obzirom na adaptivne elemente ovojnice zgrade – Amandman 1: Referentni kontrolni scenariji za adaptivne elemente ovojnice zgrade s pokretnim sustavima za zaštitu od sunca ili kromogenim ostakljenjem (ISO 52016-3:2023/Amd 1:2025; EN ISO 52016-3:2023/A1:2025)
Energy performance of buildings – Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads – Part 3: Calculation procedures regarding adaptive building envelope elements – Amendment 1: Reference control scenarios for adaptive building envelope elements with dynamic solar shading or chromogenic glazing (ISO 52016-3:2023/Amd 1:2025; EN ISO 52016-3:2023/A1:2025)

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 27269:2025 en pr
Zdravstvena informatika – Sažetak međunarodnih pacijentovih medicinskih podataka (ISO 27269:2025; EN ISO 27269:2025)
Health informatics – International patient summary (ISO 27269:2025; EN ISO 27269:2025)

HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 17829:2025 en pr
Čvrsta biogoriva – Određivanje duljine i promjera peleta (ISO 17829:2025; EN ISO 17829:2025)
Solid Biofuels – Determination of length and diameter of pellets (ISO 17829:2025; EN ISO 17829:2025)

HZN/TO 503, Metalni materijali

HRN EN ISO 3210:2025 en pr
Anodna obrada aluminija i aluminijevih legura – Ocjenjivanje kvalitete zapunjenih prevlaka anodnom oksidacijom mjerenjem gubitka mase nakon uranjanja u otopinu(e) fosforne kiseline (ISO 3210:2025; EN ISO 3210:2025)
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 3210:2025; EN ISO 3210:2025)

HRN EN ISO 4491-3:2025 en pr
Metalni prah – Određivanje udjela kisika redukcijskom metodom – 3. dio: Redukcija kisika vodikom (ISO 4491-3:2025; EN ISO 4491-3:2025)
Metallic powders – Determination of oxygen content by reduction methods – Part 3: Hydrogen-reducible oxygen (ISO 4491-3:2025; EN ISO 4491-3:2025)

HRN EN ISO 10280:2025 en pr
Čelik i željezni lijev – Određivanje sadržaja titana – Spektrofotometrijska metoda pomoću diantipirilmethana (ISO 10280:2025; EN ISO 10280:2025)
Steel and iron – Determination of titanium content – Diantipyrilmethane spectrometric method (ISO 10280:2025; EN ISO 10280:2025)

HRN EN 10378:2025 en pr
Zavarene kvadratne i pravokutne cijevi od nehrđajućeg čelika za strojarску, konstrukcijsku i dekorativnu upotrebu – Tehnički uvjeti isporuke (EN 10378:2025)
Welded stainless steel square and rectangular tubes for mechanical and structural engineering and decorative use – Technical delivery conditions (EN 10378:2025)

HRN EN 12392:2025 en pr
Aluminij i aluminijeve legure – Gnječeni proizvodi i lijevani proizvodi – Posebni zahtjevi za proizvode za izradu tlačne opreme (EN 12392:2025)
Aluminium and aluminium alloys – Wrought products and cast products – Special requirements for products intended for the production of pressure equipment (EN 12392:2025)

HRN EN ISO 15363:2025 en pr
Metalni materijali – Hidraulični tlačni test cijevnog prstena (ISO 15363:2017; EN ISO 15363:2025)
Metallic materials – Tube ring hydraulic pressure test (ISO 15363:2017; EN ISO 15363:2025)

HZN/TO 511, Eksplozivni za civilnu uporabu

HRN EN 13630-1:2025 en pr
Eksplozivni za civilnu uporabu – Detonirajući i sporogoreći štapini – 1. dio: Zahtjevi (EN 13630-1:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 1: Requirements (EN 13630-1:2025)

HRN EN 13630-2:2025 en pr
Eksplozivni za civilnu uporabu – Detonirajući i sporogoreći štapini – 2. dio: Potvrđivanje toplinske stabilnosti (EN 13630-2:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 2: Verification of thermal stability (EN 13630-2:2025)

HRN EN 13630-3:2025 en pr
Eksplozivni za civilnu uporabu – Detonirajući i sporogoreći štapini – 3. dio: Potvrđivanje neosjetljivosti eksplozivnog punjenja detonirajućih štapina na trenje (EN 13630-3:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 3: Verification of insensitiveness to friction of the core of detonating cords (EN 13630-3:2025)

HRN EN 13630-4:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 4. dio: Potvrđivanje neosjetljivosti detonirajućih štapina na udar (EN 13630-4:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 4: Verification of insensitiveness to impact of detonating cords (EN 13630-4:2025)

HRN EN 13630-5:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 5. dio: Potvrđivanje otpornosti detonirajućih štapina na abraziju (EN 13630-5:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 5: Verification of resistance to abrasion of detonating cords (EN 13630-5:2025)

HRN EN 13630-6:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 6. dio: Potvrđivanje otpornosti detonirajućih štapina na istezanje (EN 13630-6:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 6: Verification of resistance to tension of detonating cords (EN 13630-6:2025)

HRN EN 13630-7:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 7. dio: Potvrđivanje pouzdanosti iniciranja detonirajućih štapina (EN 13630-7:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 7: Verification of reliability of initiation of detonating cords (EN 13630-7:2025)

HRN EN 13630-8:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 8. dio: Potvrđivanje vodootpornosti (EN 13630-8:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 8: Verification of resistance to water (EN 13630-8:2025)

HRN EN 13630-9:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 9. dio: Potvrđivanje prijenosa detonacije detonirajućeg štapina (EN 13630-9:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 9: Verification of transmission of detonation from detonating cord to detonating cord (EN 13630-9:2025)

HRN EN 13630-10:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 10. dio: Određivanje indeksa sposobnosti iniciranja detonirajućih štapina (EN 13630-10:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 10: Determination of the index of initiating capability of detonating cords (EN 13630-10:2025)

HRN EN 13630-11:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 11. dio: Određivanje brzine detonacije detonirajućih štapina (EN 13630-11:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 11: Determination of velocity of detonation of detonating cords (EN 13630-11:2025)

HRN EN 13630-12:2025 en pr
Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 12. dio: Određivanje vremena gorenja sporogorećih štapina (EN 13630-12:2025)
Explosives for civil uses – Detonating cords and safety fuses – Part 12: Determination of burning duration of safety fuses (EN 13630-12:2025)

HRN EN 13631-1:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 1. dio: Zahtjevi (EN 13631-1:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 1: Requirements (EN 13631-1:2025)

HRN EN 13631-2:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 2. dio: Potvrđivanje toplinske stabilnosti (EN 13631-2:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 2: Verification of thermal stability (EN 13631-2:2025)

HRN EN 13631-3:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 3. dio: Potvrđivanje neosjetljivosti na trenje eksploziva za miniranje i eksplozivnih tvari (EN 13631-3:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 3: Verification of the insensitiveness to friction of explosives for blasting and explosive substances (EN 13631-3:2025)

HRN EN 13631-4:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 4. dio: Potvrđivanje neosjetljivosti na udar eksploziva za miniranje i eksplozivnih tvari (EN 13631-4:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 4: Verification of the insensitiveness to impact of explosives for blasting and explosive substances (EN 13631-4:2025)

HRN EN 13631-5:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 5. dio: Potvrđivanje vodootpornosti eksploziva za miniranje i pojačnika (EN 13631-5:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 5: Verification of the resistance to water of explosives for blasting and boosters (EN 13631-5:2025)

HRN EN 13631-6:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 6. dio: Potvrđivanje otpornosti na hidrostatski tlak eksploziva za miniranje i pojačnika (EN 13631-6:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 6: Verification of the resistance to hydrostatic pressure of explosives for blasting and boosters (EN 13631-6:2025)

HRN EN 13631-10:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 10. dio: Potvrđivanje načina iniciranja eksploziva za miniranje i pojačnika (EN 13631-10:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 10: Verification of the means of initiation of explosives for blasting and boosters (EN 13631-10:2025)

HRN EN 13631-11:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 11. dio: Potvrđivanje prijenosa detonacije eksploziva u patronama za miniranje (EN 13631-11:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 11: Verification of the transmission of detonation of cartridged explosives for blasting (EN 13631-11:2025)

HRN EN 13631-13:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 13. dio: Potvrđivanje gustoće (EN 13631-13:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 13: Verification of density (EN 13631-13:2025)

HRN EN 13631-14:2025 en pr
Eksplozivi za civilnu uporabu – Eksplozivi za miniranje, pojačnici i eksplozivne tvari – 14. dio: Potvrđivanje brzine detonacije eksploziva za miniranje (EN 13631-14:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 14: Verification of the velocity of detonation of explosives for blasting (EN 13631-14:2025)

- HRN EN 13631-17:2025 en pr
Eksplzivni za civilnu uporabu – Eksplzivni za miniranje, pojačnici i eksplozivne tvari – 17. dio: Potvrđivanje prijenosa deflagracije crnog baruta upotrebljenog za miniranje (EN 13631-17:2025)
Explosives for civil uses – Explosives for blasting, boosters and explosive substances – Part 17: Verification of transmission of deflagration of black powder used for blasting (EN 13631-17:2025)
- HRN EN 13763-1:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 1. dio: Zahtjevi (EN 13763-1:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 1: Requirements (EN 13763-1:2025)
- HRN EN 13763-2:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 2. dio: Potvrđivanje toplinske stabilnosti detonatora, površinskih spojnika, usporivača za detonirajući štapin i udarnih cjevčica (EN 13763-2:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 2: Verification of thermal stability of detonators, surface connectors, detonating cord relays and shock tubes (EN 13763-2:2025)
- HRN EN 13763-3:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 3. dio: Potvrđivanje neosjetljivosti na udar detonatora, površinskih spojnika, usporivača za detonirajući štapin i udarnih cjevčica (EN 13763-3:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 3: Verification of insensitiveness to impact of detonators, surface connectors, detonating cord relays and shock tubes (EN 13763-3:2025)
- HRN EN 13763-4:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 4. dio: Potvrđivanje otpornosti električnih vodiča i udarnih cjevčica na abraziju (EN 13763-4:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 4: Verification of resistance to abrasion of leading wires and shock tubes (EN 13763-4:2025)
- HRN EN 13763-5:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 5. dio: Potvrđivanje otpornosti na rezna oštećenja električnih vodiča i udarnih cjevčica (EN 13763-5:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 5: Verification of resistance to cutting damage of leading wires and shock (EN 13763-5:2025)
- HRN EN 13763-6:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 6. dio: Potvrđivanje otpornosti električnih vodiča na kidanje (EN 13763-6:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 6: Verification of resistance to cracking of leading wires (EN 13763-6:2025)
- HRN EN 13763-7:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 7. dio: Potvrđivanje otpornosti detonatora na izvlačenje (EN 13763-7:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 7: Verification of pull-out resistance of detonators (EN 13763-7:2025)
- HRN EN 13763-8:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 8. dio: Potvrđivanje otpornosti na vibriranje običnih i polugotovih detonatora (EN 13763-8:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 8: Verification of resistance to vibration of plain and semi-finished detonators (EN 13763-8:2025)
- HRN EN 13763-9:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 9. dio: Određivanje otpornosti detonatora na savijanje (EN 13763-9:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 9: Determination of resistance to bending of detonators (EN 13763-9:2025)
- HRN EN 13763-11:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 11. dio: Potvrđivanje otpornosti detonatora, usporivača za detonirajući štapin i površinskih spojnika na oštećenja nastala padom (EN 13763-11:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 11: Verification of resistance to damage by dropping of detonators, detonating cord relays and surface connectors (EN 13763-11:2025)
- HRN EN 13763-12:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 12. dio: Potvrđivanje otpornosti na hidrostatski tlak detonatora, usporivača za detonirajući štapin i površinskih spojnika (EN 13763-12:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 12: Verification of resistance to hydrostatic pressure of detonators, detonating cord relays and surface connectors (EN 13763-12:2025)
- HRN EN 13763-13:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 13. dio: Potvrđivanje otpornosti električnih detonatora prema elektrostatskom izboju (EN 13763-13:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 13: Verification of the resistance to electrostatic discharge (ESD) of electric and electronic detonators (EN 13763-13:2025)
- HRN EN 13763-15:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 15. dio: Potvrđivanje ekvivalentnih mogućnosti iniciranja električnih, neelektričnih i elektroničkih detonatora (EN 13763-15:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 15: Verification of equivalent initiating capability of electric, non-electric and electronic detonators (EN 13763-15:2025)
- HRN EN 13763-16:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 16. dio: Potvrđivanje točnosti usporenja električnih i neelektričnih detonatora, površinskih spojnika i usporivača za detonirajući štapin (EN 13763-16:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 16: Verification of delay time accuracy of electric and non-electric detonators, surface connectors and detonating cord relays (EN 13763-16:2025)
- HRN EN 13763-17:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 17. dio: Potvrđivanje struje pri kojoj električni detonatori ne pale (EN 13763-17:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 17: Verification of the no-fire current of electric detonators (EN 13763-17:2025)
- HRN EN 13763-18:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 18. dio: Potvrđivanje serijske struje paljenja električnih detonatora (EN 13763-18:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 18: Verification of the series firing current of electric detonators (EN 13763-18:2025)
- HRN EN 13763-19:2025 en pr
Eksplzivni za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 19. dio: Potvrđivanje impulsa potpunog paljenja i impulsa nepaljenja električnih detonatora (EN 13763-19:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 19: Verification of all-fire impulse and no-fire impulse of electric detonators (EN 13763-19:2025)

HRN EN 13763-20:2025 en pr
Eksplozivi za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 20. dio: Potvrđivanje ukupnog električnog otpora električnih detonatora (EN 13763-20:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 20: Verification of total electrical resistance of electric detonators (EN 13763-20:2025)

HRN EN 13763-21:2025 en pr
Eksplozivi za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 21. dio: Potvrđivanje probojnog napona električnih detonatora (EN 13763-21:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 21: Verification of flash-over voltage of electric detonators (EN 13763-21:2025)

HRN EN 13763-22:2025 en pr
Eksplozivi za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 22. dio: Potvrđivanje kapaciteta, otpora izolacije i probojnog napona dovodnih žica (EN 13763-22:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 22: Verification of capacitance, insulation resistance and insulation breakdown of leading wires (EN 13763-22:2025)

HRN EN 13763-23:2025 en pr
Eksplozivi za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 23. dio: Potvrđivanje brzine udarnog vala udarne cjevčice (EN 13763-23:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 23: Verification of the shock wave velocity of shock tubes (EN 13763-23:2025)

HRN EN 13763-24:2025 en pr
Eksplozivi za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 24. dio: Potvrđivanje električne nevodljivosti udarne cjevčice (EN 13763-24:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 24: Verification of electrical non-conductivity of shock tubes (EN 13763-24:2025)

HRN EN 13763-25:2025 en pr
Eksplozivi za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 25. dio: Potvrđivanje sposobnosti prijenosa usporivača za detonirajući štapin, površinskih spojnika i spojnih dodataka (EN 13763-25:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 25: Verification of transfer capability of detonating cord relays, surface connectors and coupling accessories (EN 13763-25:2025)

HRN EN 13763-27:2025 en pr
Eksplozivi za civilnu uporabu – Detonatori i usporivači za detonirajući štapin – 27. dio: Metode ispitivanja za elektroničke sustave pokretanja (EN 13763-27:2025)
Explosives for civil uses – Detonators and detonating cord relays – Part 27: Test methods for electronic initiation systems (EN 13763-27:2025)

HRN EN 13857-1:2025 en pr
Eksplozivi za civilnu uporabu – 1. dio: Rječnik (EN 13857-1:2025)
Explosives for civil uses – Part 1: Vocabulary (EN 13857-1:2025)

HRN EN 13938-1:2025 en pr
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 1. dio: Zahtjevi (EN 13938-1:2025)
Explosives for civil uses – Propellants and rocket propellants – Part 1: Requirements (EN 13938-1:2025)

HRN EN 13938-2:2025 en pr
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 2. dio: Potvrđivanje otpornosti na elektrostatičko pražnjenje čvrstog eksplozivnog punjenja za vatreno oružje (EN 13938-2:2025)
Explosives for civil uses – Propellants and rocket propellants – Part 2: Verification of the resistance to electrostatic discharge of solid gun propellants (EN 13938-2:2025)

HRN EN 13938-3:2025 en pr
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 3. dio: Potvrđivanje prijelaza sagorijevanja u detonaciju čvrstog eksplozivnog punjenja za vatreno oružje (EN 13938-3:2025)
Explosives for civil uses – Propellants and rocket propellants – Part 3: Verification of deflagration to detonation transition of solid gun propellants (EN 13938-3:2025)

HRN EN 13938-4:2025 en pr
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 4. dio: Određivanje brzine sagorijevanja čvrstog eksplozivnog punjenja za vatreno oružje i baruta (EN 13938-4:2025)
Explosives for civil uses – Propellants and rocket propellants – Part 4: Determination of the burning rate of solid gun propellants and black powder (EN 13938-4:2025)

HRN EN 13938-5:2025 en pr
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 5. dio: Potvrđivanje sigurnog funkcioniranja čvrstih raketnih goriva koja se upotrebljavaju u malim raketnim motorima (EN 13938-5:2025)
Explosives for civil uses – Propellants and rocket propellants – Part 5: Verification of safe functioning of solid rocket propellants used in small rocket motors (EN 13938-5:2025)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN ISO 4064-5:2025 en pr
Vodomjeri za hladnu pitku vodu i vruću vodu – 5. dio: Zahtjevi za ugradnju (ISO 4064-5:2025; EN ISO 4064-5:2025)
Water meters for cold potable water and hot water – Part 5: Installation requirements (ISO 4064-5:2025; EN ISO 4064-5:2025)

HRI ISO/TR 9464:2025 en pr
Smjernice za primjenu ISO 5167:2022 (ISO/TR 9464:2023)
Guidelines for the use of ISO 5167:2022 (ISO/TR 9464:2023)

HRI ISO/TR 12767:2025 en pr
Mjerenje protoka fluida uz pomoć uređaja za mjerenje razlike tlaka – Smjernice na utjecaj odstupanja u odnosu na specifikaciju i radne uvjete koji su navedeni u normi ISO 5167 (ISO/TR 12767:2023)
Measurement of fluid flow by means of pressure differential devices – Guidelines on the effect of departure from the specifications and operating conditions given in ISO 5167 (ISO/TR 12767:2023)

HRN ISO 13317-1:2025 en pr
Određivanje raspodjele veličine čestica metodama gravitacijske tekućinske sedimentacije – 1. dio: Opća načela, zahtjevi i smjernice (ISO 13317-1:2024)
Determination of particle size distribution by gravitational liquid sedimentation methods – Part 1: General principles, requirements and guidance (ISO 13317-1:2024)

HRN ISO 13318-1:2025 en pr
Određivanje raspodjele veličine čestica metodama centrifugalne tekućinske sedimentacije – 1. dio: Opća načela, zahtjevi i smjernice (ISO 13318-1:2024)
Determination of particle size distribution by centrifugal liquid sedimentation methods – Part 1: General principles, requirements and guidance (ISO 13318-1:2024)

HRI ISO/TR 15377:2025 en pr
Mjerenje protoka fluida uređajima za mjerenje razlike tlaka – Smjernice za specifikaciju mjernih prigušnica, sapnica i Venturijevih cijevi izvan područja primjene niza norma ISO 5167 (ISO/TR 15377:2023)
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 series (ISO/TR 15377:2023)

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 15330-5:2025 en pr
Površine sportskih terena – Sintetičke travnate podloge i tekstilne sportske površine – 5. dio: Specifikacija za materijale ispune (EN 15330-5:2025)
Surfaces for sport areas – Synthetic turf and textile sports surfaces – Part 5: Specification for infill materials (EN 15330-5:2025)

HZN/TO 522, *Gospodarenje otpadom i karakterizacija mulja*

HRN EN ISO 19388:2025 en pr
Oporaba, recikliranje, obrada i zbrinjavanje mulja – Zahtjevi i preporuke za rad postrojenja za anaerobnu razgradnju (ISO 19388:2023; EN ISO 19388:2025)
Sludge recovery, recycling, treatment and disposal – Requirements and recommendations for the operation of anaerobic digestion facilities (ISO 19388:2023; EN ISO 19388:2025)

HZN/TO 528, *Oprema za željeznice*

HRN EN ISO 3095:2025 en pr
Akustika – Željeznički sustav – Mjerenje buke koju proizvode željeznička vozila (ISO 3095:2025; EN ISO 3095:2025)
Railway applications – Acoustics – Measurement of noise emitted by railbound vehicles (ISO 3095:2025; EN ISO 3095:2025)

HRN EN 16584-1:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Opći zahtjevi – 1. dio: Kontrast (EN 16584-1:2025)
Railway applications – Design for PRM use – General requirements – Part 1: Contrast (EN 16584-1:2025)

HRN EN 16584-2:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Opći zahtjevi – 2. dio: Obavijesti (EN 16584-2:2025)
Railway applications – Design for PRM use – General requirements – Part 2: Information (EN 16584-2:2025)

HRN EN 16584-3:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Opći zahtjevi – 3. dio: Optičke i protuklizne značajke (EN 16584-3:2025)
Railway applications – Design for PRM use – General requirements – Part 3: Optical and friction characteristics (EN 16584-3:2025)

HRN EN 16585-1:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Oprema i dijelovi ugrađeni na željezničkim vozilima – 1. dio: Toaleti (EN 16585-1:2025)
Railway applications – Design for PRM use – Equipment and components onboard rolling stock – Part 1: Toilets (EN 16585-1:2025)

HRN EN 16585-2:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Oprema i dijelovi ugrađeni na željezničkim vozilima – 2. dio: Elementi za sjedenje, stajanje i kretanje (EN 16585-2:2025)
Railway applications – Design for PRM use – Equipment and components on board rolling stock – Part 2: Elements for sitting, standing and moving (EN 16585-2:2025)

HRN EN 16585-3:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Oprema i dijelovi ugrađeni na željezničkim vozilima – 3. dio: Prolazi i unutarnja vrata (EN 16585-3:2025)
Railway applications – Design for PRM use – Equipment and components on board rolling stock – Part 3: Clearways and internal doors (EN 16585-3:2025)

HRN EN 16586-1:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Dostupnost željezničkih vozila osobama smanjene pokretljivosti – 1. dio: Stube za ulazak i izlazak (EN 16586-1:2025)
Railway applications – Design for PRM use – Accessibility of persons with reduced mobility to rolling stock – Part 1: Steps for access and egress (EN 16586-1:2025)

HRN EN 16586-2:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Dostupnost željezničkih vozila osobama smanjene pokretljivosti – 2. dio: Pomoćna sredstva za ukrcaj (EN 16586-2:2025)
Railway applications – Design for PRM use – Accessibility of persons with reduced mobility to rolling stock – Part 2: Boarding aids (EN 16586-2:2025)

HRN EN 16587:2025 en pr
Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Zahtjevi za infrastrukturu koja uključuje puteve bez prepreka (EN 16587:2025)
Railway applications – Design for PRM Use – Requirements on obstacle free routes for infrastructure (EN 16587:2025)

HRN EN 16839:2025 en pr
Željeznički sustav – Željeznička vozila – Raspored opreme na čelnoj gredi vozila (EN 16839:2022+A1:2025)
Railway applications – Rolling stock – Head stock layout (EN 16839:2022+A1:2025)

HZN/TO 530, *Remenski prijenosi, čelična užad, lanci, kuke za dizalice, trake, omče i pribor*

HRN EN ISO 1120:2025 en pr
Transportne trake – Određivanje čvrstoće mehaničkih spojeva za tekstilne transportne trake – Statička metoda ispitivanja (ISO 1120:2025; EN ISO 1120:2025)
Conveyor belts – Determination of strength of mechanical fastenings for textile conveyor belts – Static test method (ISO 1120:2025; EN ISO 1120:2025)

HZN/TO 534, *Spremnici za teret*

HRN EN 14620-5:2025 en pr
Projektiranje i proizvodnja vertikalnih, cilindričnih sustava spremnika s ravnim dnom za skladištenje rashlađenih ukapljenih plinova na radnoj temperaturi između 0 °C i -196 °C, koji se izrađuju na gradilištu – 5. dio: Ispitivanje, sušenje, čišćenje i podhlađivanje (EN 14620-5:2025)
Design and manufacture of site built, vertical, cylindrical, flat-bottomed tank systems for the storage of refrigerated, liquefied gases with operating temperatures between 0 °C and -196 °C – Part 5: Testing, drying, purging and cool-down (EN 14620-5:2025)

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

HRN EN 14476:2025 en pr
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za procjenu virucidne djelotvornosti u medicini – Metoda ispitivanja i zahtjevi (faza 2, korak 1) (EN 14476:2025)
Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of virucidal activity in the medical area – Test method and requirements (Phase 2/Step 1) (EN 14476:2025)

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

HRN EN ISO 9806:2025 en pr
Sunčeva energija – Solarni toplinski kolektori – Metode ispitivanja (ISO 9806:2025; EN ISO 9806:2025)
Solar energy – Solar thermal collectors – Test methods (ISO 9806:2025; EN ISO 9806:2025)

HRN EN 15316-5:2025 en pr
Energetska svojstva zgrada – Metoda proračuna energetske potrebe i učinkovitosti sustava – 5. dio: Sustavi za akumulaciju topline pri grijanju prostora i pripremi potrošne tople vode (bez hlađenja), modul M3-7, M8-7 (EN 15316-5:2025)
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 5: Space heating and DHW storage systems (not cooling), Module M3-7, M8-7 (EN 15316-5:2025)

HZN/TO 548, *Konstruktivski eurokodovi*

HRN EN 1991-1-7:2025 en pr
Eurokod 1 – Djelovanja na konstrukcije – Dio 1-7: Izvanredna djelovanja (EN 1991-1-7:2025)
Eurocode 1 – Actions on structures – Part 1-7: Accidental actions (EN 1991-1-7:2025)

HRN EN 1993-1-14:2025 en pr
Eurokod 3 – Projektiranje čeličnih konstrukcija – Dio 1-14: Proračun uz pomoć analize konačnih elemenata (EN 1993-1-14:2025)
Eurocode 3 – Design of steel structures – Part 1-14: Design assisted by finite element analysis (EN 1993-1-14:2025)

HRN EN 1993-5:2025 en pr
Eurokod 3 – Projektiranje čeličnih konstrukcija – 5. dio: Piloti i žmurje (EN 1993-5:2025)
Eurocode 3 – Design of steel structures – Part 5: Piling (EN 1993-5:2025)

HRS CEN/TS 1994-1-101:2025 en pr
Eurokod 4 – Projektiranje spregnutih čelično-betonskih konstrukcija – Dio 1-101: Spregnute čelično-betonske stijene s čeličnim limovima s jedne ili obje vanjske strane (CEN/TS 1994-1-101:2025)
Eurocode 4 – Design of composite steel and concrete structures – Part 1-101: Double and single skin steel concrete composite (SC) structures (CEN/TS 1994-1-101:2025)

HRS CEN/TS 1994-1-102:2025 en pr
Eurokod 4 – Projektiranje spregnutih čelično-betonskih konstrukcija – Dio 1-102: Spregnute moždanice (CEN/TS 1994-1-102:2025)
Eurocode 4 – Design of composite steel and concrete structures – Part 1-102: Composite dowels (CEN/TS 1994-1-102:2025)

HRN EN 1995-1-2:2025 en pr
Eurokod 5 – Projektiranje drvenih konstrukcija – Dio 1-2: Proračun konstrukcija na djelovanje požara (EN 1995-1-2:2025)
Eurocode 5 – Design of timber structures – Part 1-2: Structural fire design (EN 1995-1-2:2025)

HRN EN 1998-3:2025 en pr
Eurokod 8 – Projektiranje potresne otpornosti konstrukcija – 3. dio: Ocjenjivanje i obnova zgrada i mostova (EN 1998-3:2025)
Eurocode 8 – Design of structures for earthquake resistance – Part 3: Assessment and retrofitting of buildings and bridges (EN 1998-3:2025)

HRN EN 1998-4:2025 en pr
Eurokod 8 – Projektiranje potresne otpornosti konstrukcija – 4. dio: Silosi, spremnici, cjevovodi, tornjevi, jarboli i dimnjaci (EN 1998-4:2025)
Eurocode 8 – Design of structures for earthquake resistance – Part 4: Silos, tanks, pipelines, towers, masts and chimneys (EN 1998-4:2025)

HZN/TO 550, *Opskrba vodom*

HRN EN 1508:2025 en pr
Opskrba vodom – Zahtjevi za sustave i dijelove sustava za pohranu vode (EN 1508:2025)
Water supply – Requirements for systems and components for the storage of water (EN 1508:2025)

HZN/TO 551, *Gradnja*

HRN EN ISO 23387:2025 en pr
Informacijsko modeliranje građevina/gradnje (BIM) – Predlošci podataka za objekte korištene u životnom ciklusu imovine (ISO 23387:2025; EN ISO 23387:2025)
Building information modelling (BIM) – Data templates for objects used in the life cycle of assets (ISO 23387:2025; EN ISO 23387:2025)

HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 10993-12:2021/A1:2025 en pr
Biološka procjena medicinskih proizvoda – 12. dio: Priprema uzoraka i referentni materijali (ISO 10993-12:2021/Amd 1:2025; EN ISO 10993-12:2021/A1:2025)
Biological evaluation of medical devices – Part 12: Sample preparation and reference materials (ISO 10993-12:2021/Amd 1:2025; EN ISO 10993-12:2021/A1:2025)

HZN/TO 557, *Zaštitna odjeća*

HRN EN ISO 9185:2025 en pr
Zaštitna odjeća – Ocjenjivanje otpornosti materijala na prskotine rastaljenog metala (ISO 9185:2025; EN ISO 9185:2025)
Protective clothing – Assessment of resistance of materials to molten metal splash (ISO 9185:2025; EN ISO 9185:2025)

HZN/TO 560, *Tekstilni proizvodi*

HRN EN ISO 8559-2:2025 en pr
Sustav označivanja veličine odjeće – 2. dio: Primarni i sekundarni pokazatelji dimenzija (ISO 8559-2:2025; EN ISO 8559-2:2025)
Size designation of clothes – Part 2: Primary and secondary dimension indicators (ISO 8559-2:2025; EN ISO 8559-2:2025)

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

HRN EN 12983-2:2025 en pr
Posuđe za kuhanje – Posuđe za kuhanje u domaćinstvu za upotrebu na štednjaku ili ploči za kuhanje – 2. dio: Dodatni zahtjevi za keramičko posuđe za kuhanje i stakleni poklopac (EN 12983-2:2023+A1:2025)
Cookware – Domestic cookware for use on top of a cooking range or hob – Part 2: Additional requirements for ceramic cookware and glass lid (EN 12983-2:2023+A1:2025)

HRN EN 18032:2025 en pr
Hrana – Brza metoda za analizu višestrukih visokopolaranih pesticida i njihovih metabolita u hrani koja uključuje ekstrakciju zakiseljenim metanolom i mjerenje pomoću LC-a ili IC-MS/MS-a (EN 18032:2025)
Foodstuff – Quick Method for the Analysis of Multiple Highly Polar Pesticides and their Metabolites in Foodstuff Involving Extraction with Acidified Methanol and Measurement by LC- or IC-MS/MS (QuPPE-Method) (EN 18032:2025)

HZN/TO 573, *Elektronički račun*

HRS CEN/TS 16931-5:2025 en pr
Elektronički račun – 5. dio: Smjernice za primjenu opcionalnih sektorskih ili nacionalnih proširenja u svezi s EN 16931-1, metodologija primjene u stvarnoj okolini (CEN/TS 16931-5:2025)
Electronic invoicing – Part 5: Guidelines on the use of sector or country extensions in conjunction with EN 16931-1, methodology to be applied in the real environment (CEN/TS 16931-5:2025)

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

HRN EN ISO 15192:2025 en pr
Tlo i otpad – Određivanje kroma(VI) u krutim materijalima lužnatom digestijom i ionskom kromatografijom sa spektrometrijskim određivanjem (ISO 15192:2025; EN ISO 15192:2025)
Soil and waste – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrometric detection (ISO 15192:2025; EN ISO 15192:2025)

HRN EN ISO 16965:2025 en pr
Kruti matriksi u okolišu – Određivanje elemenata uporabom spektrometrije masa s induktivno spregnutom plazmom (ICP-MS) (ISO 16965:2025; EN ISO 16965:2025)
Environmental solid matrices – Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS) (ISO 16965:2025; EN ISO 16965:2025)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 62386-351:2025 en pr
Digitalno upravljanje rasvjetom – 351. dio: Posebni zahtjevi – Upravljački uređaji – Upravljački uređaji postavljeni na svjetiljci (IEC 62386-351:2025; EN IEC 62386-351:2025)
Digital addressable lighting interface – Part 351: Particular requirements – Control devices – Luminaire-mounted control devices (IEC 62386-351:2025; EN IEC 62386-351:2025)

HZN/TO E44, Elektrotehnička sigurnost strojeva

HRN EN IEC 61496-3:2025 en pr
Sigurnost strojeva – Elektroosjetljiva zaštitna oprema – 3. dio: Posebni zahtjevi za aktivne optoelektroničke zaštitne naprave osjetljive na difuznu refleksiju (IEC 61496-3:2025; EN IEC 61496-3:2025)
Safety of machinery – Electro-sensitive protective equipment – Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse reflection (AOPDDR) (IEC 61496-3:2025; EN IEC 61496-3:2025)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-2-58:2025 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-58: Posebni zahtjevi za ugostiteljske električne perilice posuđa (IEC 60335-2-58:2017; EN IEC 60335-2-58:2025)
Household and similar electrical appliances – Safety – Part 2-58: Particular requirements for commercial electric dishwashing machines (IEC 60335-2-58:2017; EN IEC 60335-2-58:2025)

HRN EN IEC 60335-2-58:2025/A11:2025 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-58: Posebni zahtjevi za ugostiteljske električne perilice posuđa (EN IEC 60335-2-58:2025/A11:2025)
Household and similar electrical appliances – Safety – Part 2-58: Particular requirements for commercial electric dishwashing machines (EN IEC 60335-2-58:2025/A11:2025)

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

HRN EN IEC 62453-1:2025 en pr
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 1. dio: Pregled i upute (IEC 62453-1:2025; EN IEC 62453-1:2025)
Field device tool (FDT) interface specification – Part 1: Overview and guidance (IEC 62453-1:2025; EN IEC 62453-1:2025)

HRN EN IEC 62541-18:2025 en pr
OPC objedinjena arhitektura – 18. dio: Sigurnost temeljena na ulogama (IEC 62541-18:2025; EN IEC 62541-18:2025)
OPC unified architecture – Part 18: Role-Based Security (IEC 62541-18:2025; EN IEC 62541-18:2025)

HZN/TO E69, Cestovna i industrijska električna vozila

HRN EN IEC 62840-2:2025 en pr
Sustav za izmjenu baterija električnih vozila – 2. dio: Sigurnosni zahtjevi (IEC 62840-2:2025; EN IEC 62840-2:2025)
Electric vehicle battery swap system – Part 2: Safety requirements (IEC 62840-2:2025; EN IEC 62840-2:2025)

HRN EN IEC 63119-1:2025 en pr
Razmjena informacija za usluge roaminga za punjenje električnih vozila – 1. dio: Općenito (IEC 63119-1:2025; EN IEC 63119-1:2025)
Information exchange for electric vehicle charging roaming service – Part 1: General (IEC 63119-1:2025; EN IEC 63119-1:2025)

HRN EN IEC 63380-3:2025 en pr
Standardno sučelje za povezivanje stanica za punjenje s lokalnim sustavima upravljanja energijom – 3. dio: Komunikacijski protokol i posebni aspekti kibernetičke sigurnosti (IEC 63380-3:2025; EN IEC 63380-3:2025)
Standard interface for connecting charging stations to local energy management systems – Part 3: Communication protocol and cybersecurity specific aspects (IEC 63380-3:2025; EN IEC 63380-3:2025)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

HRN EN IEC 60730-2-11:2025 en pr
Električne naprave za automatsko upravljanje – Dio 2-11: Posebni zahtjevi za regulatore energije (IEC 60730-2-11:2025; EN IEC 60730-2-11:2025)
Automatic electrical controls – Part 2-11: Particular requirements for energy regulators (IEC 60730-2-11:2025; EN IEC 60730-2-11:2025)

HRN EN IEC 60730-2-13:2025 en pr
Električne naprave za automatsko upravljanje – Dio 2-13: Posebni zahtjevi za električne regulatore vlažnosti (IEC 60730-2-13:2025; EN IEC 60730-2-13:2025)
Automatic electrical controls – Part 2-13: Particular requirements for humidity sensing controls (IEC 60730-2-13:2025; EN IEC 60730-2-13:2025)

HRN EN IEC 60730-2-6:2025 en pr
Električne naprave za automatsko upravljanje – Dio 2-6: Posebni zahtjevi za električne regulatore tlaka, uključujući mehaničke zahtjeve (IEC 60730-2-6:2025; EN IEC 60730-2-6:2025)
Automatic electrical controls – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements (IEC 60730-2-6:2025; EN IEC 60730-2-6:2025)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 61000-4-34:2008/A2:2025 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-34: Ispitne i mjerne tehnike – Ispitivanja otpornosti na naponske propade, kratkotrajne prekid i naponske promjene za opremu nazivne struje veće od 16 A po fazi (IEC 61000-4-34:2005/am2:2025; EN 61000-4-34:2007/A2:2025)
Electromagnetic compatibility (EMC) – Part 4-34: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current more than 16 A per phase (IEC 61000-4-34:2005/am2:2025; EN 61000-4-34:2007/A2:2025)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 489-13 V2.1.1:2025 en pr
Norma za elektromagnetsku kompatibilnost (EMC) radijske opreme i usluga – 13. dio: Posebni uvjeti za CB (Citizens' Band) radijsku i pomoćnu opremu – Harmonizirana norma za elektromagnetsku kompatibilnost (EN 301 489-13 V2.1.1:2025)
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 13: Specific conditions for Citizens' Band (CB) radio and ancillary equipment – Harmonised Standard for ElectroMagnetic Compatibility (EN 301 489-13 V2.1.1:2025)

HRN EN 301 489-50 V2.4.1:2025 en pr
Norma za elektromagnetsku kompatibilnost radijske (EMC) opreme i usluga – 50. dio: Posebni uvjeti za bazne postaje (BS) pokretnih komunikacija, repetitore i pomoćnu opremu – Harmonizirana norma za elektromagnetsku kompatibilnost (EN 301 489-50 V2.4.1:2025)
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 50: Specific conditions for Cellular Communication Base Station (BS), repeater and ancillary equipment – Harmonised Standard for ElectroMagnetic Compatibility (EN 301 489-50 V2.4.1:2025)

HRN EN 303 354 V1.2.1:2025 en pr
Pojačala i aktivne antene za TV radiodifuzni prijam u kućnim prostorima – Harmonizirana norma za pristup radijskom spektru (EN 303 354 V1.2.1:2025)
Amplifiers and active antennas for TV broadcast reception in domestic premises – Harmonised standard for access to radio spectrum (EN 303 354 V1.2.1:2025)

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

HRN EN 15115:2025 en pr
Tekstilne podne obloge – Određivanje osjetljivosti na izlivenu vodu (EN 15115:2025)
Textile floor coverings – Determination of sensitivity to spilled water (EN 15115:2025)

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

HRN EN 15416-1:2025 en pr
Adhezivi za nosive drvene konstrukcije koji nisu fenolni ili aminoplastični – Metode ispitivanja – 1. dio: Ispitivanje dugotrajnim vlačnim naprezanjem okomitim na spoju liniju u promjenjivim klimatskim uvjetima s uzorcima okomitim na ravninu lijepljenja (ispitivanje u „stakleniku“) (EN 15416-1:2025)

Adhesives for load bearing timber structures other than phenolic and aminoplastic – Test methods – Part 1: Long-term tension load test perpendicular to the bond line at varying climate conditions with specimens perpendicular to the glue line (Glass house test) (EN 15416-1:2025)

HRN EN 15416-3:2025 en pr
Adhezivi za nosive drvene strukture koji nisu fenolni ili aminoplastični – Metode ispitivanja – 3. dio: Ispitivanje deformacije puzanja u cikličkim klimatskim uvjetima s uzorcima koji se naprežu savojnim smicanjem (EN 15416-3:2025)

Adhesives for load bearing timber structures other than phenolic and aminoplastic – Test methods – Part 3: Creep deformation test at cyclic climate conditions with specimens loaded in bending shear (EN 15416-3:2025)

HRN EN 15416-4:2025 en pr
Adhezivi za nosive drvene konstrukcije koji nisu fenolni ili aminoplastični – Metode ispitivanja – 4. dio: Određivanje otvorenog vremena sklapanja pri navedenim uvjetima (EN 15416-4:2025)

Adhesives for load bearing timber structures other than phenolic and aminoplastic – Test methods – Part 4: Determination of open assembly time under referenced conditions (EN 15416-4:2025)

HRN EN 15416-5:2025 en pr
Adhezivi za nosive drvene konstrukcije koji nisu fenolni ili aminoplastični – Metode ispitivanja – 5. dio: Određivanje minimalnog vremena prešanja pri navedenim uvjetima (EN 15416-5:2025)

Adhesives for load bearing timber structures other than phenolic and aminoplastic – Test methods – Part 5: Determination of minimum pressing time under referenced conditions (EN 15416-5:2025)

HZN/TU I2, Strojarstvo 2

HRN EN ISO 6980-1:2025 en pr
Nuklearna energija – Referentno zračenje beta čestica – 1. dio: Metode proizvodnje (ISO 6980-1:2023; EN ISO 6980-1:2025)
Nuclear energy – Reference beta-particle radiation – Part 1: Methods of production (ISO 6980-1:2023; EN ISO 6980-1:2025)

HRN EN ISO 6980-2:2025 en pr
Nuklearna energija – Referentno zračenje beta čestica – 2. dio: Osnove kalibracije povezane s osnovnim veličinama koje karakteriziraju polje zračenja (ISO 6980-2:2023, uključujući ispravljenu verziju 2024-03; EN ISO 6980-2:2025)
Nuclear energy – Reference beta-particle radiation – Part 2: Calibration fundamentals related to basic quantities characterizing the radiation field (ISO 6980-2:2023, including corrected version 2024-03; EN ISO 6980-2:2025)

HRN EN ISO 6980-3:2025 en pr
Nuklearna energija – Referentno zračenje beta čestica – 3. dio: Kalibracija površinskih i osobnih dozimetara i određivanje njihovog odziva kao funkcije energije beta zračenja i kuta upada (ISO 6980-3:2023; EN ISO 6980-3:2025)
Nuclear energy – Reference beta-particle radiation – Part 3: Calibration of area and personal dosimeters and the determination of their response as a function of beta radiation energy and angle of incidence (ISO 6980-3:2023; EN ISO 6980-3:2025)

HRN EN ISO 7753:2025 en pr
Nuklearna sigurnost u vezi s kritičnim incidentima – Uporaba sustava za uzbunjivanje u slučaju kritičnih incidenata u radu (ISO 7753:2023; EN ISO 7753:2025)
Nuclear criticality safety – Use of criticality accident alarm systems for operations (ISO 7753:2023; EN ISO 7753:2025)

HRN EN ISO 16646:2025 en pr
Fuzijske instalacije – Kriteriji za projektiranje i rad sustava zatvaranja i ventilacije tricijevih fuzijskih postrojenja i postrojenja za rukovanje fuzijskim gorivom (ISO 16646:2024; EN ISO 16646:2025)
Fusion installations – Criteria for the design and operation of confinement and ventilation systems of tritium fusion facilities and fusion fuel handling facilities (ISO 16646:2024; EN ISO 16646:2025)

HRN EN ISO 19581:2025 en pr
Mjerenje radioaktivnosti – Radionuklidi koji emitiraju gama zračenje – Metoda brzog probira pomoću spektrometrije gama zraka i scintilacijskog detektora (ISO 19581:2025; EN ISO 19581:2025)
Measurement of radioactivity – Gamma emitting radionuclides – Rapid screening method using scintillation detector gamma-ray spectrometry (ISO 19581:2025; EN ISO 19581:2025)

HRN EN ISO 21243:2025 en pr
Radiološka zaštita – Kriteriji učinkovitosti za laboratorije koji provode inicijalnu citogenetsku procjenu doze masovnih žrtava u radiološkim ili nuklearnim hitnim slučajevima – Opća načela i primjena na dicentrično ispitivanje (ISO 21243:2022; EN ISO 21243:2025)
Radiation protection – Performance criteria for laboratories performing initial cytogenetic dose assessment of mass casualties in radiological or nuclear emergencies – General principles and application to dicentric assay (ISO 21243:2022; EN ISO 21243:2025)

HRN EN ISO 22188:2025 en pr
Praćenje nenamjernog i neodobrenog kretanja radioaktivnog materijala i ilegalne trgovine radioaktivnim materijalom (ISO 22188:2023; EN ISO 22188:2025)
Monitoring for inadvertent movement and illicit trafficking of radioactive material (ISO 22188:2023; EN ISO 22188:2025)

HRN EN ISO 23548:2025 en pr
Mjerenje radioaktivnosti – Radionuklidi koji emitiraju alfa čestice – Generička metoda ispitivanja pomoću alfa spektrometrije (ISO 23548:2024; EN ISO 23548:2025)
Measurement of radioactivity – Alpha emitting radionuclides – Generic test method using alpha spectrometry (ISO 23548:2024; EN ISO 23548:2025)

HZN/TU M1, Metalni materijali 1

HRN EN ISO 22705-1:2025 en pr
Opruge – Parametri mjerenja i ispitivanja – 1. dio: Hladno oblikovane cilindrične zavojne tlačne opruge (ISO 22705-1:2021; EN ISO 22705-1:2025)
Springs – Measurement and test parameters – Part 1: Cold formed cylindrical helical compression springs (ISO 22705-1:2021; EN ISO 22705-1:2025)

HRN EN ISO 22705-2:2025 en pr
Opruge – Parametri mjerenja i ispitivanja – 2. dio: Hladno oblikovane cilindrične zavojne vlačne opruge (ISO 22705-2:2023; EN ISO 22705-2:2025)
Springs – Measurement and test parameters – Part 2: Cold formed cylindrical helical extension springs (ISO 22705-2:2023; EN ISO 22705-2:2025)

HRN EN ISO 22705-3:2025 en pr
Opruge – Parametri mjerenja i ispitivanja – 3. dio: Hladno oblikovane cilindrične zavojne torzijske opruge (ISO 22705-3:2024; EN ISO 22705-3:2025)
Springs – Measurement and test parameters – Part 3: Cold formed cylindrical helical torsion springs (ISO 22705-3:2024; EN ISO 22705-3:2025)

HZN/TU N1, Nemetalni materijali 1

HRN EN 15979:2025 en pr
Testing of ceramic raw materials and ceramic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by optical emission spectrometry by direct current arc excitation (DCArc-OES) (EN 15979:2025)

HRN EN 15991:2025 en pr
Testing of ceramic raw materials and ceramic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by inductively coupled plasma optical emission spectrometry with electrothermal vaporisation (ETV-ICP-OES) (EN 15991:2025)

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

HRN EN ISO 5832-2:2025 en pr
Kirurški implantati – Metalni materijali – 2. dio: Nelegirani titan (ISO 5832-2:2025; EN ISO 5832-2:2025)
Implants for surgery – Metallic materials – Part 2: Unalloyed titanium (ISO 5832-2:2025; EN ISO 5832-2:2025)

HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60068-2-30:2025 en pr
Ispitivanje utjecaja okoliša – Dio 2-30: Ispitivanja – Db ispitivanje: Vlažnost i toplina, cikličko (12 sati +12 satni ciklus) (IEC 60068-2-30:2025; EN IEC 60068-2-30:2025)
Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle) (IEC 60068-2-30:2025; EN IEC 60068-2-30:2025)

HRN EN IEC 60068-2-78:2025 en pr
Ispitivanje utjecaja okoliša – Dio 2-78: Ispitivanja – Cab ispitivanje: Toplina s vlagom, stabilno stanje (IEC 60068-2-78:2025; EN IEC 60068-2-78:2025)
Environmental testing – Part 2-78: Tests – Test cab: Damp heat, steady state (IEC 60068-2-78:2025; EN IEC 60068-2-78:2025)

HZN/TU V1, Elektronika 1

HRN EN IEC 60794-1-119:2025 en pr
Svjetlovodni kabeli – Dio 1-119: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Mehaničke metode ispitivanja – Eolske vibracije, metoda E19 (IEC 60794-1-119:2025; EN IEC 60794-1-119:2025)
Optical fibre cables – Part 1-119: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Aeolian vibration, Method E19 (IEC 60794-1-119:2025; EN IEC 60794-1-119:2025)

HRN EN IEC 60794-1-214:2025 en pr
Svjetlovodni kabeli – Dio 1-214: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Mehaničke metode ispitivanja – Ispitivanje otpornosti kabela na UV zračenje, metoda F14 (IEC 60794-1-214:2025; EN IEC 60794-1-214:2025)
Optical fibre cables – Part 1-214: Generic specification – Basic optical cable test procedures – Environmental test methods – Cable UV resistance test, Method F14 (IEC 60794-1-214:2025; EN IEC 60794-1-214:2025)

HRN EN IEC 60794-1-218:2025 en pr
Svjetlovodni kabeli – Dio 1-218: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja utjecaja okoliša – Ispitivanje ciklusa temperature srednjeg raspona za izložene optičke elemente, metoda F18 (IEC 60794-1-218:2025; EN IEC 60794-1-218:2025)
Optical fibre cables – Part 1-218: Generic specification – Basic optical cable test procedures – Environmental test methods – Mid-span temperature cycling test for exposed optical units, Method F18 (IEC 60794-1-218:2025; EN IEC 60794-1-218:2025)

HRN EN IEC 61340-4-7:2025 en pr
Elektrostatika – Dio 4-7: Standardne metode ispitivanja za posebne primjene – Ionizacija (IEC 61340-4-7:2025; EN IEC 61340-4-7:2025)
Electrostatics – Part 4-7: Standard test methods for specific applications – Ionization (IEC 61340-4-7:2025; EN IEC 61340-4-7:2025)

HRN EN IEC 62007-2:2025 en pr
Optoelektroničke poluvodičke komponente za primjenu u svjetlovodnim sustavima – 2. dio: Metode mjerenja (IEC 62007-2:2025; EN IEC 62007-2:2025)
Semiconductor optoelectronic devices for fibre optic system applications – Part 2: Measuring methods (IEC 62007-2:2025; EN IEC 62007-2:2025)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 50342-5:2025 en pr
Olovni akumulatori za pokretanje – 5. dio: Mehanička svojstva akumulatorskih kućišta i ručki (EN 50342-5:2025)
Lead-acid starter batteries – Part 5: Mechanical properties of battery housings and handles (EN 50342-5:2025)

HRN EN IEC 60127-9:2025 en pr
Minijturni osigurači – 9. dio: Minijturni rastalni ulošci za posebne primjene s djelomičnom sposobnošću prekida (IEC 60127-9:2025; EN IEC 60127-9:2025)
Miniature fuses – Part 9: Miniature fuse-links for special applications with partial-range breaking capacity (IEC 60127-9:2025; EN IEC 60127-9:2025)

HRN EN IEC 60436:2025 en pr
Električne perilice posuđa za kućansku uporabu – Metode za mjerenje radnih značajka (IEC 60436:2025; EN IEC 60436:2025)
Electric dishwashers for household use – Methods for measuring the performance (IEC 60436:2025; EN IEC 60436:2025)

HRN EN IEC 60436:2025/A11:2025 en pr
Električne perilice posuđa za kućansku uporabu – Metode za mjerenje radnih značajka (EN IEC 60436:2025/A11:2025)
Electric dishwashers for household use – Methods for measuring the performance (EN IEC 60436:2025/A11:2025)

HRN EN IEC 60704-2-3:2025 en pr
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-3: Posebni zahtjevi za perilice posuđa (IEC 60704-2-3:2025; EN IEC 60704-2-3:2025)
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-3: Particular requirements for dishwashers (IEC 60704-2-3:2025; EN IEC 60704-2-3:2025)

HRN EN IEC 63522-21:2025 en pr
Električni releji – Ispitivanja i mjerenja – 21. dio: Toplinska izdržljivost (IEC 63522-21:2025; EN IEC 63522-21:2025)
Electrical relays – Tests and measurements – Part 21: Thermal endurance (IEC 63522-21:2025; EN IEC 63522-21:2025)

1.3 Prijedlozi za prihvatanje 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 prihvatanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma.

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

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

prEN 1104 en

Paper and board intended to come into contact with foodstuffs – Determination of the transfer of antimicrobial constituents
Papir i karton koji dolaze u kontakt s prehrambenim proizvodima – Određivanje prijenosa antimikrobnih sastojaka

prEN 18236 en

Pulp, paper and board – Determination of the migration of polycyclic aromatic hydrocarbons (PAH) into food simulants

HZN/TO 25, *Ljevarstvo*

prEN 1559-3 en

Founding – Technical conditions of delivery – Part 3: Additional requirements for iron castings
Ljevarstvo – Tehnički uvjeti isporuke – 3. dio: Dodatni zahtjevi za odljeve od željeznog lijeva

HZN/TO 28, *Naftni proizvodi i maziva*

ISO 3987:2024 en

Petroleum products – Determination of sulfated ash in lubricating oils and additives and fatty acid methyl esters
Naftni proizvodi – Određivanje sulfatnog pepela u mazivim uljima i aditivima i metilnim esterima masnih kiselina

ISO 4266-3:2024 en

Petroleum and liquid petroleum products – Measurement of level and temperature in storage tanks by automatic methods – Part 3: Measurement of level in pressurized storage tanks (non-refrigerated)
Nafta i tekući naftni proizvodi – Mjerenje razine i temperature u spremnicima automatskim metodama – 3. dio: Mjerenje razine u spremnicima pod tlakom (nehlađenim)

ISO 4266-5:2024 en

Petroleum and liquid petroleum products – Measurement of level and temperature in storage tanks by automatic methods – Part 5: Measurement of temperature in marine vessels
Nafta i tekući naftni proizvodi – Mjerenje razine i temperature u spremnicima automatskim metodama – 5. dio: Mjerenje temperature na plovilima

ISO 4266-6:2024 en

Petroleum and liquid petroleum products – Measurement of level and temperature in storage tanks by automatic methods – Part 6: Measurement of temperature in pressurized storage tanks (non-refrigerated)
Nafta i tekući naftni proizvodi – Mjerenje razine i temperature u spremnicima automatskim metodama – 6. dio: Mjerenje temperature u spremnicima pod tlakom (nehlađenim)

EN ISO 7278-2:2022/prA1:2025 en

Petroleum measurement systems – Part 2: Pipe prover design, calibration and operation (ISO 7278-2:2022/DAMd1:2025)
Sustavi za mjerenje nafte – 2. dio: Projektiranje, ispitivanje i rad sustava za provjeru cijevi (ISO 7278-2:2022/DAMd1:2025)

ISO 8943:2025 en

Refrigerated light hydrocarbon fluids – Sampling of liquefied natural gas – Continuous and intermittent methods
Pohlađeni laki ugljikovodici – Uzorkovanje ukapljenoga prirodnog plina – Metode kontinuiranog i povremenog uzorkovanja

ISO 9200:2024 en

Petroleum measurement systems – Metering of viscous and high temperature liquids
Naftni mjerni sustavi – Mjerenje viskoznih i visoko temperaturnih tekućina

ISO 12925-1:2024 en

Lubricants, industrial oils and related products (class L) – Family C (gears) – Part 1: Specifications for lubricants for enclosed gear systems
Maziva, industrijska ulja i srodni proizvodi (razred L) – Podrazred C (zupčanici) – 1. dio: Specifikacije maziva za podmazivanje zatvorenih zupčaničkih prijenosnika

prEN 18051 en

Automotive fuels – Determination of content of butoxy-benzene in middle distillates – Gas chromatographic method using a flame ionization detector (GC-FID)
Goriva za motorna vozila – Određivanje sadržaja butoksibenzena u srednjim destilatima – Metoda plinske kromatografije s pomoću plameno-ionizacijskog detektora (GC-FID)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

ISO 1003:2025 en

Spices and condiments – Whole/pieces and ground dried ginger (Zingiber officinale Roscoe) – Specification
Mirođije – Cijeli/komadići i mljeveni sušeni đumbir (Zingiber officinale Roscoe) – Specifikacija

ISO 3632-1:2025 en

Spices – Saffron (Crocus sativus L.) – Part 1: Specification
Mirođije – Šafran (Crocus sativus L.) – 1. dio: Specifikacija

ISO 4112:2025 en

Cereals and pulses – Guidance on measurement of the temperature of grain stored in bulk
Žitarice i mahunarke – Upute za mjerenje temperature zrna skladištenih u rasutom stanju

prEN ISO 5530-1 en

Wheat flour – Physical characteristics of doughs – Part 1: Determination of water absorption and rheological properties using a farinograph (ISO/FDIS 5530-1:2025)
Pšenično brašno – Fizikalna svojstva tijesta – 1. dio: Određivanje apsorpcije vode i reoloških svojstava farinografom +(ISO/FDIS 5530-1:2025)

ISO 6639-1:2025 en

Cereals and pulses – Determination of hidden insect infestation – Part 1: General principles
Žitarice i mahunarke – Određivanje zagađenosti kukcima – 1. dio: Opća načela

ISO 6639-2:2025 en

Cereals and pulses – Determination of hidden insect infestation – Part 2: Sampling
Žitarice i mahunarke – Određivanje zagađenosti kukcima – 2. dio: Uzorkovanje

ISO 6639-4:2025 en

Cereals and pulses – Determination of hidden insect infestation – Part 4: Rapid methods
Žitarice i mahunarke – Određivanje zagađenosti kukcima – 4. dio: Brze metode

ISO 9116:2025 en

Green coffee – Guidance on methods of specification
Sirova kava – Upute o metodama specifikacije

ISO 16657:2023 en

Sensory analysis – Apparatus – Olive oil tasting glass
Senzorske analize – Uredaji – Čaša za kušanje maslinovog ulja

ISO 29842:2024 en

Sensory analysis – Methodology – Balanced incomplete block designs
Senzorske analize – Metodologija – Uravnoteženi nepotpuni blok dizajn

HZN/TO 44, Zavarivanje i srodni postupci

prEN ISO 15614-1 en

Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO/DIS 15614-1:2025)

Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 1. dio: Elektrolučno i plinsko zavarivanje čelika i elektrolučno zavarivanje nikla i legura nikla (ISO/DIS 15614-1:2025)

prEN ISO 18275 en

Welding consumables – Covered electrodes for manual metal arc welding of high-strength steels – Classification (ISO/DIS 18275:2025)

Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje (REL) čelika visoke čvrstoće – Razredba (ISO/DIS 18275:2025)

HZN/TO 74, Cement i vapno

prEN 196-10 en

Methods of testing cement – Part 10: Determination of the water-soluble chromium (VI) content of cement

Metode ispitivanja cementa – 10. dio: Određivanje udjela u vodi topivog kroma (VI) u cementu

prEN 197-10 en

Cement – Part 10: Assessment of conformity regarding water-soluble chromium (VI) content

HZN/TO 121, Anestetička i respiracijska oprema

EN ISO 4135:2022/prA1 en

Anaesthetic and respiratory equipment – Vocabulary (ISO 4135:2022/DAmD 1:2025)

Anestetička i respiracijska oprema – Terminološki rječnik (ISO 4135:2022/DAmD 1:2025)

HZN/TO 134, Gnojiva i poboljšivači tla

prEN 13037 en

Soil improvers and growing media – Determination of pH
Poboljšivači tla i supstrati – Određivanje pH

prEN 13038 en

Soil improvers and growing media – Determination of electrical conductivity
Poboljšivači tla i supstrati – Određivanje električne vodljivosti

prEN 13039 en

Soil improvers and growing media – Determination of organic matter content and ash
Poboljšivači tla i supstrati – Određivanje sadržaja organske tvari i pepela

prEN 16319 en

Inorganic fertilizers and liming materials – Determination of specific elements – Determination of cadmium, chromium, copper, lead, nickel and zinc by inductively coupled plasma-atomic emission spectrometry (ICP-AES) after aqua regia dissolution

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

prEN 81-28 en

Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 28: Two-way communication system

HZN/TO 182, Geotehničke konstrukcije

prEN 17542-4 en

Earthworks – Geotechnical laboratory tests – Part 4: Test method for measurement of collapse potential of soils
Zemljani radovi – Geotehničko laboratorijsko ispitivanje – 4. dio: Metoda ispitivanja za mjerenje potencijala kolapsa tla

prEN 17542-5 en

Earthworks – Geotechnical laboratory tests – Part 5: Test method for measurement of one-dimensional swelling of soils under oedometric condition

Zemljani radovi – Geotehničko laboratorijsko ispitivanje – 5. dio: Metoda ispitivanja za mjerenje jednodimenzionalnog bubrenja tla u edometarskim uvjetima

HZN/TO 215, Zdravstvena informatika

prEN ISO 11615 en

Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO/DIS 11615:2025)

Zdravstvena informatika – Identifikacija lijekova – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o lijeku (ISO/DIS 11615:2025)

HZN/TO 221, Geosintetici

EN ISO 9862:2023/prA1:2025 en

Geosynthetics – Sampling and preparation of test specimens – Amendment 1: Sample preparation for Geosynthetic Cementitious Composites (GCCs) (ISO 9862:2023/DAmD1:2025)

HZN/TO 503, Metalni materijali

prEN ISO 14577-5 en

Metallic materials – Instrumented indentation test for hardness and materials parameters – Part 5: Linear elastic dynamic instrumented indentation testing (DIIT) (ISO 14577-5:2022)

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 1456 en

Metallic and other inorganic coatings – Electrodeposited coatings of nickel, nickel plus chromium, copper plus nickel and of copper plus nickel plus chromium (ISO/DIS 1456:2025)

Metalne i ostale anorganske prevlake – Elektronanesene prevlake od nikla, od nikla i kroma, od bakra i nikla te od bakra, nikla i kroma (ISO/DIS 1456:2025)

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

prEN ISO 3845 en

Oil and gas industries including lower carbon energy – Full ring ovalization test method for the evaluation of the cracking resistance of steel line pipe in sour service (ISO 3845:2024)

Industrije nafte i plina uključujući energiju s niskim udjelom ugljika – Metoda ispitivanja zaobljenosti cijelog prstena za procjenu otpornosti na pucanje čeličnih cijevi za transport u korozivnim uvjetima (ISO 3845:2024)

prEN ISO 15136-1 en

Petroleum and natural gas industries – Progressing cavity pump systems for artificial lift – Part 1: Pumps (ISO/DIS 15136-1:2025)

Industrija nafte i prirodnoga plina – Sustavi vijčanih pumpi za mehaničko crpljenje dopunskim metodama – 1. dio: Pumpe (ISO/DIS 15136-1:2025)

prEN ISO 19900 en

Oil and gas industries including lower carbon energy – General requirements for offshore structures (ISO/DIS 19900:2025)

Industrije nafte i plina uključujući energiju s niskim udjelom ugljika – Opći zahtjevi za odobalne objekte (ISO/DIS 19900:2025)

prEN ISO 24202 en

Oil and gas industries including lower carbon energy – Bulk material for offshore projects – Monorail beam and padeye (ISO 24202:2023)

Industrije nafte i plina uključujući energiju s niskim udjelom ugljika – Rasuti materijal za odobalne projekte – Jednotračna greda i ušica za podizanje (ISO 24202:2023)

HZN/TO 509, Cestovna oprema

prEN 17383 en
Road traffic noise reducing devices – Sustainability of construction works – Environmental product declarations – Product Category Rules for road traffic noise reducing devices

HZN/TO 528, Oprema za željeznice

prEN 16452 en
Railway applications – Braking – Brake blocks
Željeznički sustav – Kočenje – Kočni umeci

prEN 16727-2-1 en
Railway applications – Infrastructure – Noise barriers and related devices acting on airborne sound propagation – Non-acoustic performance – Part 2-1: Mechanical performance under dynamic loadings due to passing trains – Resistance to fatigue

HZN/TO 529, Dizalice i prenosila neprekidne dobave

EN 13001-2:2021/prA1 en
Crane safety – General design – Part 2: Load actions
Sigurnost granika – Osnove projektiranja – 2. dio: Djelovanje opterećenja

prEN 16851 en
Cranes – Light crane systems
Granici – Sustavi laganih granika

HZN/TO 532, Dimnjaci

prEN 18232 en
Chimneys – Environmental product declarations – Product Category Rules for products for chimneys

HZN/TO 534, Spremnici za teret

prEN 13160-2 en
Leak detection systems – Part 2: Requirements and test/assessment methods for pressure and vacuum systems
Sustavi za otkrivanje propuštanja – 2. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za tlačne i vakuumske sustave

prEN 13160-3 en
Leak detection systems – Part 3: Requirements and test/assessment methods for liquid systems for tanks
Sustavi za otkrivanje propuštanja – 3. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za tekućinske sustave za spremnike

prEN 13160-4 en
Leak detection systems – Part 4: Requirements and test/assessment methods for sensor-based leak detection systems
Sustavi za otkrivanje propuštanja – 4. dio: Zahtjevi i metode ispitivanja/ocjenjivanja sustava za otkrivanje propuštanja na temelju senzora

prEN 13160-7 en
Leak detection systems – Part 7: Requirements and test/assessment methods for interstitial spaces, leak detection linings and leak detection jackets
Sustavi za otkrivanje propuštanja – 7. dio: Zahtjevi i metode ispitivanja/ocjenjivanja za međuprostore stijenki, obloge za otkrivanje propuštanja i dvostruke plašteve za otkrivanje propuštanja

prEN 14564 en
Tanks for transport of dangerous goods – Terminology
Spremnici za prijevoz opasnih tvari – Nazivlje

HZN/TO 555, Medicinski proizvodi

prEN ISO 21762 en
Medical devices utilizing non-viable human materials – Risk management (ISO/DIS 21762:2025)
Medicinski proizvodi koji se proizvode uporabom neživog ljudskog tkiva – Upravljanje rizicima (ISO/DIS 21762:2025)

HZN/TO 556, Osobna zaštitna oprema

prEN 13832-1 en
Footwear protecting against chemicals – Part 1: Terminology and test methods
Obuća za zaštitu od kemikalija – 1. dio: Nazivlje i metode ispitivanja

prEN 13832-2 en
Footwear protecting against chemicals – Part 2: Requirements for limited contact with chemicals
Obuća za zaštitu od kemikalija – 2. dio: Zahtjevi za ograničeni kontakt s kemikalijama

prEN 13832-3 en
Footwear protecting against chemicals – Part 3: Requirements for prolonged contact with chemicals
Obuća za zaštitu od kemikalija – 3. dio: Zahtjevi za produljeni kontakt s kemikalijama

HZN/TO 560, Tekstilni proizvodi

prEN ISO 1833-1 en
Textiles – Quantitative chemical analysis – Part 1: General principles of testing (ISO/DIS 1833-1:2025)
Tekstil – Kvantitativna kemijska analiza – 1. dio: Opća načela ispitivanja (ISO/DIS 1833-1:2025)

prEN ISO 25353 en
Textiles – Qualitative analysis proteomic analysis of protein fibres from leather – Peptide detection using MALDI-TOF MS (ISO/DIS 25353:2025)

HZN/TO 566, Mlijeko i mliječni proizvodi

prEN ISO 16958 en
Milk, milk products, infant formula and adult nutritionals – Determination of fatty acids composition – Capillary gas chromatographic method (ISO/FDIS 16958:2025)
Mlijeko, mliječni proizvodi, hrana za dojenčad i nutritivno kompletna hrana za odrasle – Određivanje sastava masnih kiselina – Metoda kapilarne plinske kromatografije (ISO/FDIS 16958:2025)

HZN/TO 569, Hrana za životinje

prEN ISO 16634-1 en
Food products – Determination of the total nitrogen content by combustion according to the Dumas principle and calculation of the crude protein content – Part 1: Oilseeds and animal feeding stuffs (ISO/DIS 16634-1:2025)
Prehrambeni proizvodi – Određivanje ukupne količine dušika izgaranjem prema Dumasovom načelu i izračunavanjem količine sirovih proteina – 1. dio: Uljarice i hrana za životinje (ISO/DIS 16634-1:2025)

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

prEN ISO 15936 en
Soil, waste, treated biowaste and sludge – Determination of total organic carbon (TOC) by dry combustion (ISO/DIS 15936:2025)
Tlo, otpad, obrađeni biootpad i mulj – Određivanje ukupnoga organskog ugljika (TOC) suhim spaljivanjem (ISO/DIS 15936:2025)

HZN/TO 579, Robotika, sustavi automatizacije i integracije

prEN 18274 en
Competence requirements for professional AI ethicists
Zahtjevi za kompetencije profesionalnih etičara u području umjetne inteligencije

HZN/TO E2, Rotacijski strojevi

EN IEC 60034-5:2020/prAA:2025 en
Rotating electrical machines – Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) – Classification
Rotacijski električni strojevi – 5. dio: Stupnjevi zaštite postignuti cjelovitom konstrukcijom rotacijskih strojeva (IP kod) – Klasificiranje

HZN/TO E9, Električna oprema za željeznicu

prEN IEC 60349-2:2025 en

Electric traction – Rotating electrical machines for rail and road vehicles – Part 2: Electronic converter-fed alternating current motors (IEC 60349-2 ED4)
Električna vuča – Električni rotacijski strojevi za željeznička i cestovna vozila – 2. dio: Izmjenični motori napajani iz elektroničkih pretvarača (IEC 60349-2 ED4)

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

prEN IEC 60674-3-1:2025 en

Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 1: Biaxially oriented polypropylene (PP) films for capacitors (IEC 60674-3-1 ED3)
Plastične folije za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 1. list: Dvoosno orijentirana polipropilenska folija za kondenzatore (IEC 60674-3-1 ED3)

HZN/TO E17, Sklopni i upravljački uređaji

EN IEC 63208:2025 en

Low-voltage switchgear and controlgear and their assemblies – Security requirements (IEC 63208:2025)
Niskonaponski sklopni i upravljački uređaji i njihovi sklopovi – Sigurnosni zahtjevi (IEC 63208:2025)

HZN/TO E23, Električni instalacijski pribor

prEN IEC 62955:2025 en

Residual direct current detecting device (RDC-DD) to be used for mode 3 charging of electric vehicles (IEC 62955 ED2)
Uređaj za detekciju preostale istosmjernje struje (RDC-DD) koji se koristi za punjenje električnih vozila u načinu 3 (IEC 62955 ED2)

HZN/TO E31, Eksplozivne atmosfere

prEN IEC 60079-10-1:2025 en

Explosive atmospheres – Part 10-1: Classification of areas – Explosive gas atmospheres (IEC 60079-10-1 ED4)
Eksplozivne atmosfere – Dio 10-1: Klasifikacija ugroženih prostora – Eksplozivne atmosfere plinova (IEC 60079-10-1 ED4)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN IEC 60061-PR2025-2:2025 en

Lamp caps and holders together with gauges for the control of interchangeability and safety: Proposal for a new PAJxx.4p-n family of lamp caps (IEC 60061-1) and holders (IEC 60061-2) for automotive LED light sources (IEC 60061-PR2025-2 ED3)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti - Prijedlog za novu obitelj podnožaka za žarulje PAJxx.4p-n (IEC 60061-1) i grla za žarulje (IEC 60061-2) za LED izvore svjetlosti u automobilske industriji (IEC 60061-PR2025-2 ED3)

prEN IEC 60598-2-11:2025 en

Luminaires – Part 2-11: Particular requirements – Aquarium luminaires (IEC 60598-2-11 ED3)
Svjetiljke – Dio 2-11: Posebni zahtjevi – Svjetiljke za akvarije (IEC 60598-2-11 ED3)

prEN IEC 60598-2-18:2025 en

Luminaires – Part 2-18: Particular requirements – Luminaires for swimming pools and similar applications (IEC 60598-2-18 ED4)
Svjetiljke – Dio 2-18: Posebni zahtjevi – Svjetiljke za bazene za plivanje i slične primjene (IEC 60598-2-18 ED4)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

prEN IEC 60335-2-7:2025 en

Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines (IEC 60335-2-7:2024)
Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja (IEC 60335-2-7:2024)

prEN IEC 60335-2-7:2025/prAA:2025 en

Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines
Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja

EN 61770:2009/prAC:2025 en

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

HZN/TO E62, Električna oprema u medicinskoj praksi

prEN IEC 63524:2025 en

Artificial Intelligence enabled Medical Devices – Computer assisted analysis software for pulmonary images – Algorithm performance test methods (IEC 63524 ED1)
Medicinski uređaji s umjetnom inteligencijom – Softver za računalno potpomognutu analizu slika pluća – Metode ispitivanja performansi algoritma (IEC 63524 ED1)

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

HD 60364-4-42:2025/prAA:2025 en

Low-voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects
Niskonaponske električne instalacije – Dio 4-42: Sigurnosna zaštita – Zaštita od toplinskih učinaka

prHD IEC 60364-6:2025 en

Low voltage electrical installations – Part 6: Verification (IEC 60364-6 ED3)
Niskonaponske električne instalacije – 6. dio: Provjeravanje (IEC 60364-6 ED3)

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

prEN IEC 63187-1:2025 en

Systems engineering – System safety – Complex systems in defence programmes – Part 1: Concepts, terminology and requirements (IEC 63187-1 ED1)
Inženjerstvo sustava – Sigurnost sustava – Složeni sustavi u obrambenim programima – 1. dio: Pojmovi, nazivlje i zahtjevi (IEC 63187-1 ED1)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

prEN IEC 60730-2-24:2025 en

Automatic electrical controls – Part 2-24: Particular requirements for displacement electrical controls (IEC 60730-2-24 ED1)

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

EN IEC 61557-9:2025/prAA:2025 en

Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 9: Equipment for insulation fault location in IT systems
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjernje struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 9. dio: Oprema za određivanje mjesta loše izolacije u IT sustavima

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

EN IEC 55012:2025 en

Vehicles, boats and devices with internal combustion engines or traction batteries – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers (CISPR 12:2025)
Vozila, čamci i naprave pogonjene motorom s unutrašnjim izgaranjem ili baterijskim pogonom – Značajke radiosmetnji – Granice i metode mjerenja za zaštitu prijaimnika, osim onih ugrađenih u vozilo/čamac/uređaj (CISPR 12:2025)

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

prEN 18234 en

Modular mechanical locked floor coverings for floating installation – Underlays – Specification, requirements and test methods

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

EN 301:2023/prA1 en

Adhesives, phenolic and aminoplastic, for load-bearing timber structures – Classification and performance requirements
Fenolni i aminoplastični adhezivi za nosive drvene konstrukcije – Klasifikacija i zahtjevi izvedbe

prEN ISO 787-5 en

General methods of test for pigments and extenders – Part 5: Determination of oil absorption value (ISO/DIS 787-5:2025)
Opće metode ispitivanja pigmenata i punila – 5. dio: Određivanje apsorpcijske vrijednosti ulja (ISO/DIS 787-5:2025)

prEN ISO 787-24 en

General methods of test for pigments and extenders – Part 24: Determination of relative tinting strength of coloured pigments and relative scattering power of white pigments – Photometric methods (ISO/DIS 787-24:2025)
Opće metode ispitivanja pigmenata i punila – 24. dio: Određivanje relativne jakosti obojenja obojenih pigmenata i relativne moći raspršivanja bijelih pigmenata – Fotometrijska metoda (ISO/DIS 787-24:2025)

prEN ISO 3219-3 en

Rheology – Part 3: Test procedure and examples for the evaluation of results when using rotational and oscillatory rheometry (ISO/DIS 3219-3:2025)
Reologija – 3. dio: Postupak ispitivanja i primjeri za procjenu rezultata pri uporabi rotacijske i oscilacijske reometrije (ISO/DIS 3219-3:2025)

prEN ISO 11998 en

Paints and varnishes – Determination of wet-scrub resistance of coatings (ISO/DIS 11998:2025)
Boje i lakovi – Određivanje otpornosti na mokro trljanje prekrivnih materijala (ISO/DIS 11998:2025)

EN 15425:2023/prA1 en

Adhesives – One component polyurethane (PUR) for load-bearing timber structures – Classification and performance requirements
Adhezivi – Jednokomponentni poliuretani za drvene strukture pod opterećenjem – Klasifikacija i zahtjevi graničnih svojstava uporabljivosti

HZN/TU F1, *Osnovne norme* 1

prEN 17161 en

Design for All approach – Managing accessibility of products and services

HZN/TU I1, *Strojarstvo* 1

prEN ISO/ASTM 52922 en

Additive manufacturing – Design – Directed energy deposition of metals (ISO/ASTM DIS 52922:2025)
Aditivna proizvodnja – Projektiranje – Usmjereno energetska taloženje metala (ISO/ASTM DIS 52922:2025)

HZN/TU N1, *Nemetalni materijali* 1

prEN ISO 14705 en

Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for hardness of monolithic ceramics at room temperature (ISO/DIS 14705:2025)

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

EN 455-3:2023/prA1 en

Medical gloves for single use – Part 3: Requirements and testing for biological evaluation
Medicinske rukavice za jednokratnu upotrebu – 3. dio: Zahtjevi i ispitivanje za biološko vrednovanje

prEN 18178-5 en

Respiratory infection prevention devices for self- and third-party protection – Part 5: Classification
Uređaji za sprečavanje respiratornih infekcija za samozaštitu i zaštitu trećih strana – 5. dio: Razredba

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

prEN 2084 en

Aerospace series – Cables, electrical, general purpose, with conductors in copper or copper alloy – Technical specification
Zrakoplovstvo – Kabeli, električni, jednožilni, opće namjene, s vodičima od bakra ili od legure bakra – Tehnička specifikacija

prEN 3197 en

Aerospace series – Design and installation of aircraft electrical and optical interconnection systems
Zrakoplovstvo – Oblikovanje i ugradnja električkog i optičkog sustava za povezivanje u zrakoplovu

prEN ISO 24158-1 en

Packaging machinery – Part 1: General safety requirements (ISO/DIS 24158-1:2025)

HZN/TU U1, *Opća elektrotehnika* 1

prEN IEC 60695-1-14:2025 en

Fire hazard testing – Part 1-14: Guidance on the different levels of power and energy related to the probability of ignition and fire in low voltage electrotechnical products (IEC 60695-1-14 ED2)
Ispitivanje opasnosti od požara – Dio 1-14: Smjernice o različitim razinama snage i energije povezanim s vjerojatnošću zapaljenja i požara u niskonaponskim elektrotehničkim proizvodima (IEC 60695-1-14 ED2)

prEN IEC 62321-10:2025 en

Determination of certain substances in electrotechnical products – Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS) (IEC 62321-10 ED2)
Utvrdjivanje određenih supstanci u elektrotehničkim proizvodima – 10. dio: Policiklički aromatski ugljikovodici (PAH) u polimerima i elektronici za plinsku kromatografiju-masenu spektrometriju (GC-MS) (IEC 62321-10 ED2)

prEN IEC 62607-3-1:2025 en

Nanomanufacturing – Key control characteristics – Part 3-1: Nanophotonic products – Photoluminescence quantum yield of luminescent nanomaterials: Absorption and photoluminescence spectroscopy (IEC 62607-3-1 ED2)
Nanoproizvodnja – Ključne karakteristike upravljanja – Dio 3-1: Nanofotonski proizvodi – Kvantni prinos fotoluminiscencije luminiscentnih nanomaterijala: Apсорpcijska i fotoluminiscentna spektroskopija (IEC 62607-3-1 ED2)

HZN/TU V1, *Elektronika* 1

prEN IEC 61249-2-54:2025 en

Materials for printed boards and other interconnecting structures – Part 2-54: Reinforced base materials clad and unclad – Halogenated modified or unmodified resin system, woven e-glass laminate sheets of defined dissipation factor (less than 0,005 at 10 GHz) and flammability (vertical burning test), copper-clad for high speed applications (IEC 61249-2-54 ED1)

prEN IEC 61754-38:2025 en

Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 38: Type SEN connector family (IEC 61754-38 ED1)
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Sučelja svjetlovodnih konektora – 38. dio: Obitelj konektora tipa SEN (IEC 61754-38 ED1)

prEN IEC 62688:2025 en

Concentrator photovoltaic (CPV) modules and assemblies – Safety qualification (IEC 62688 ED2)
Koncentratorski fotonaponski (CPV) moduli i sklopovi – Sigurnosna kvalifikacija (IEC 62688 ED2)

prEN 50743:2025 en

Ecodesign for power electronics including approach for environmental product declarations and specifications for the material efficiency assessment
Ekološko projektiranje za energetska elektroniku, uključujući pristup za izjave o utjecaju proizvoda na okoliš i specifikacije za procjenu učinkovitosti materijala

EN 61811-1:2015/FprA1:2025 en

Electromechanical telecom elementary relays of assessed quality – Part 1: Generic specification and blank detail specification (IEC 61811-1/am1 ED2)
Elektromehanički telekomunikacijski osnovni releji utvrđene kvalitete – 1. dio: Opća specifikacija i predložak za detaljnu specifikaciju (IEC 61811-1/am1 ED2)

prEN IEC 63522-55:2025 en

Electrical relays – Tests and measurements – Part 55: Maximum load breaking capacity (IEC 63522-55 ED1)
Električni releji – Ispitivanja i mjerenja – 55. dio: Prekidna sposobnost pri maksimalnom opterećenju (IEC 63522-55 ED1)

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavoda za norme donosi odluku o povlačenju hrvatske norme kada je donesena nova hrvatska norma ili kada je postojeća hrvatska norma postala neprimjenjiva.

Kada je koje područje uređeno propisima i neki od propisa (pravilnik, naredba, naputak) upućuje na norme koje su povučene, one se primjenjuju silom tih propisa i bit će, do izmjene propisa ili izradbe novih, na raspolaganju u Normoteci HZN-a.

HZN/TO 5, Metalne cijevi i priključci

HRN CR 13642:2002 en

Prirubnice i njihovi spojevi – Pravila za projektiranje prirubničkih spojeva sa kružnim brtvama – Informacije o nastanku (CR 13642:1999)

Flanges and their joints – Design rules for gasketed circular flange connections – Background information (CR 13642:1999)

- bez zamjene

HZN/TO 21, Protupožarna i vatrogasna oprema

HRN EN 15004-2:2020 en

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 2. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom FK-5-1-12 (ISO 14520-5:2019, MOD; EN 15004-2:2020)

Fixed firefighting systems – Gas extinguishing systems – Part 2: Physical properties and system design of gas extinguishing systems for FK-5-1-12 extinguishant (ISO 14520-5:2019, MOD; EN 15004-2:2020)

- zamijenjena s: HRN EN 15004-2:2025

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

HRN EN ISO 11680-1:2021 en

Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje za motorne škare za rad na udaljenosti – 1. dio: Strojevi opremljeni motorom s unutrašnjim izgaranjem (ISO 11680-1:2021; EN ISO 11680-1:2021)

Machinery for forestry – Safety requirements and testing for pole-mounted powered pruners – Part 1: Machines fitted with an integral combustion engine (ISO 11680-1:2021; EN ISO 11680-1:2021)

- zamijenjena s: HRN EN ISO 11680:2025

HRN EN ISO 11680-2:2021 en

Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje za motorne škare za rad na udaljenosti – 2. dio: Strojevi za upotrebu sa stražnjim izvorom napajanja (ISO 11680-2:2021; EN ISO 11680-2:2021)

Machinery for forestry – Safety requirements and testing for pole-mounted powered pruners – Part 2: Machines for use with backpack power source (ISO 11680-2:2021; EN ISO 11680-2:2021)

- zamijenjena s: HRN EN ISO 11680:2025

HRN EN ISO 16122-1:2015 en

Poljoprivredna i šumarska mehanizacija – Inspekcija prskalica u upotrebi – 1. dio: Općenito (ISO 16122-1:2015; EN ISO 16122-1:2015)

Agricultural and forestry machinery – Inspection of sprayers in use – Part 1: General (ISO 16122-1:2015; EN ISO 16122-1:2015)

- zamijenjena s: HRN EN ISO 16122-1:2025

HRN EN ISO 16122-2:2015 en

Poljoprivredna i šumarska mehanizacija – Inspekcija prskalica u upotrebi – 2. dio: Prskalice s horizontalnom armaturom (ISO 16122-2:2015; EN ISO 16122-2:2015)

Agricultural and forestry machinery – Inspection of sprayers in use – Part 2: Horizontal boom sprayers (ISO 16122-2:2015; EN ISO 16122-2:2015)

- zamijenjena s: HRN EN ISO 16122-2:2025

HRN EN ISO 16122-3:2015 en

Poljoprivredna i šumarska mehanizacija – Inspekcija prskalica u upotrebi – 3. dio: Prskalice za grmlje i drveće (ISO 16122-3:2015; EN ISO 16122-3:2015)
Agricultural and forestry machinery – Inspection of sprayers in use – Part 3: Sprayers for bush and tree crops (ISO 16122-3:2015; EN ISO 16122-3:2015)
- zamijenjena s: HRN EN ISO 16122-3:2025

HRN EN ISO 16122-4:2015 en

Poljoprivredni i šumarski strojevi – Inspekcija prskalica u upotrebi – 4. dio: Nepomične i polupokretne prskalice (ISO 16122-4:2015; EN ISO 16122-4:2015)
Agricultural and forestry machines – Inspection of sprayers in use – Part 4: Fixed and semi-mobile sprayers (ISO 16122-4:2015; EN ISO 16122-4:2015)
- zamijenjena s: HRN EN ISO 16122-4:2025

HZN/TO 28, Naftni proizvodi i maziva

HRN EN 16896:2016 en

Naftna industrija i proizvodi – Određivanje kinematičke viskoznosti – Metoda Stabingerovog viskozimetra (EN 16896:2016)
Petroleum products and related products – Determination of kinematic viscosity – Method by Stabinger Viscometer (EN 16896:2016)
- bez zamjene

HZN/TO 43, Akustika

HRI CEN/TR 15226:2008 en

Građevni proizvodi – Obrada akustike u tehničkim specifikacijama proizvoda (CEN/TR 15226:2006)
Building products – Treatment of acoustics in product technical specifications (CEN/TR 15226:2006)
- bez zamjene

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 15613:2008 en

Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Kvalifikacija pri pokusnome zavarivanju (ISO 15613:2004; EN ISO 15613:2004)
Specification and qualification of welding procedures for metallic materials – Qualification based on pre-production welding test (ISO 15613:2004; EN ISO 15613:2004)
- zamijenjena s: HRN EN ISO 15613:2025

HRN EN ISO 15614-2:2007 en

Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 2. dio: Elektrolučno zavarivanje aluminija i njegovih legura (ISO 15614-2:2005; EN ISO 15614-2:2005)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 2: Arc welding of aluminium and its alloys (ISO 15614-2:2005; EN ISO 15614-2:2005)
- zamijenjena s: HRN EN ISO 15614-2:2025

HRN EN ISO 17662:2016 en

Zavarivanje – Umjeravanje, provjera i vrednovanje opreme za zavarivanje uključujući pomoćne aktivnosti (ISO 17662:2016; EN ISO 17662:2016)
Welding – Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO 17662:2016; EN ISO 17662:2016)
- zamijenjena s: HRN EN ISO 17662:2025

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

HRN EN ISO/IEC 19788-1:2013 en

Informacijska tehnologija – Učenje, obrazovanje i obučavanje – Metapodaci izvora za učenje – 1. dio: Okvir (ISO/IEC 19788-1:2011; EN ISO/IEC 19788-1:2012)
Information technology – Learning, education and training – Metadata for learning resources – Part 1: Framework (ISO/IEC 19788-1:2011; EN ISO/IEC 19788-1:2012)
- zamijenjena s: HRN EN ISO/IEC 19788-1:2025

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

HRN EN 1736:2010 en

Rashladni sustavi i dizalice topline – Savitljivi cijevni elementi, kompenzatori vibracija, dilatacijski spojevi i nemetalne cijevi – Zahtjevi, projektiranje i ugradnja (EN 1736:2008)
Refrigerating systems and heat pumps – Flexible pipe elements, vibration isolators, expansion joints and non-metallic tubes – Requirements, design and installation (EN 1736:2008)
- zamijenjena s: HRN EN ISO 13971:2025

HZN/TO 89, Furniri i drvene ploče

HRN EN 12369-1:2002 en

Ploče na osnovi drva – Svojstvene vrijednosti za projektiranje konstrukcija – 1. dio: OSB, iverice i vlaknatice (EN 12369-1:2001)
Wood-based panels – Characteristic values for structural design – Part 1: OSB, particleboards and fibreboards (EN 12369-1:2001)
- zamijenjena s: HRN EN 12369-1:2025

HRN EN 12369-2:2011 en

Ploče na osnovi drva – Svojstvene vrijednosti za projektiranje konstrukcija – 2. dio: Uslojeno drvo (EN 12369-2:2011)
Wood-based panels – Characteristic values for structural design – Part 2: Plywood (EN 12369-2:2011)
- zamijenjena s: HRN EN 12369-2:2025

HZN/TO 92, Zaštita od požara

HRN EN 14135:2007 en

Obloge – Određivanje sposobnosti zaštite od požara (EN 14135:2004)
Coverings – Determination of fire protection ability (EN 14135:2004)
- zamijenjena s: HRN EN 14135:2025

HZN/TO 120, Koža i obuća

HRI CEN ISO/TR 20572:2008 en

Obuća – Izvedbeni zahtjevi za dijelove obuće – Dodaci (ISO/TR 20572:2007; CEN ISO/TR 20572:2007)
Footwear – Performance requirements for components for footwear – Accessories (ISO/TR 20572:2007; CEN ISO/TR 20572:2007)
- bez zamjene

HRI CEN ISO/TR 20879:2008 en

Obuća – Izvedbeni zahtjevi za dijelove obuće – Gornjišta (ISO/TR 20879:2007; CEN ISO/TR 20879:2007)
Footwear – Performance requirements for components for footwear – Uppers (ISO/TR 20879:2007; CEN ISO/TR 20879:2007)
- bez zamjene

HRI CEN ISO/TR 20880:2008 en

Obuća – Izvedbeni zahtjevi za dijelove obuće – Potplati (ISO/TR 20880:2007; CEN ISO/TR 20880:2007)
Footwear – Performance requirements for components for footwear – Outsoles (ISO/TR 20880:2007; CEN ISO/TR 20880:2007)
- bez zamjene

HRI CEN ISO/TR 20881:2008 en

Obuća – Izvedbeni zahtjevi za dijelove obuće – Temeljne tabanice (ISO/TR 20881:2007; CEN ISO/TR 20881:2007)
Footwear – Performance requirements for components for footwear – Insoles (ISO/TR 20881:2007; CEN ISO/TR 20881:2007)
- bez zamjene

HRI CEN ISO/TR 20882:2008 en

Obuća – Izvedbeni zahtjevi za dijelove obuće – Podstava i uložne tabanice (ISO/TR 20882:2007; CEN ISO/TR 20882:2007)
Footwear – Performance requirements for components for footwear – Lining and insoles (ISO/TR 20882:2007; CEN ISO/TR 20882:2007)
- bez zamjene

HRI CEN ISO/TR 20883:2008 en
Obuća – Izvedbeni zahtjevi za dijelove obuće – Zglobnjaci (ISO/TR 20883:2007; CEN ISO/TR 20883:2007)
Footwear – Performance requirements for components for footwear – Shanks (ISO/TR 20883:2007; CEN ISO/TR 20883:2007)
- bez zamjene

HRI CEN ISO/TR 22648:2008 en
Obuća – Izvedbeni zahtjevi za dijelove obuće – Lubovi i kapice (ISO/TR 22648:2007; CEN ISO/TR 22648:2007)
Footwear – Performance requirements for components for footwear – Stiffeners and toepuffs (ISO/TR 22648:2007; CEN ISO/TR 22648:2007)
- bez zamjene

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 12944-3:2019 en
Gnojiva i tvari za kalcizaciju – Rječnik – 3. dio: Nazivi koji se odnose na tvari za kalcizaciju (EN 12944-3:2019)
Fertilizers and liming materials – Vocabulary – Part 3: Terms relating to liming materials (EN 12944-3:2019)
- zamijenjena s: HRN EN 12944-3:2025

HRN CR 13456:2005 en
Poboljšivači tla i supstrati – Deklariranje, specifikacije i redoslijed proizvoda (CR 13456:1999)
Soil improvers and growing media – Labelling, specifications and product schedules (CR 13456:1999)
- bez zamjene

HRN EN 14069:2017 en
Tvari za kalcizaciju – Oznake vrste, specifikacije i označivanje naljepnicom (EN 14069:2017)
Liming materials – Denominations, specifications and labelling (EN 14069:2017)
- zamijenjena s: HRN EN 14069:2025

HZN/TO 135, Nerazorna ispitivanja

HRN EN ISO 5577:2017 en
Nerazorno ispitivanje – Ultrazvučno ispitivanje – Terminološki rječnik (ISO 5577:2017; EN ISO 5577:2017)
Non-destructive testing – Ultrasonic testing – Vocabulary (ISO 5577:2017; EN ISO 5577:2017)
- zamijenjena s: HRN EN ISO 5577:2025

HRN EN 12543-2:2021 en
Nerazorno ispitivanje – Značajke fokusnih točaka u industrijskim rendgenskim sustavima za uporabu pri nerazornom ispitivanju – 2. dio: Radiografska metoda pomoću dijafragme s rupicom (EN 12543-2:2021)
Non-destructive testing – Characteristics of focal spots in industrial X-ray systems for use in non-destructive testing – Part 2: Pinhole camera radiographic method (EN 12543-2:2021)
- zamijenjena s: HRN EN ISO 32543-1:2025

HRN EN 12543-3:2007 en
Nerazorno ispitivanje – Značajke fokusnih točaka u industrijskim rendgenskim sustavima za uporabu pri nerazornom ispitivanju – 3. dio: Radiografska metoda kamere s prerezom (EN 12543-3:1999)
Non-destructive testing – Characteristics of focal spots in industrial X-ray systems for use in non-destructive testing – Part 3: Slit camera radiographic method (EN 12543-3:1999)
- bez zamjene

HRN EN 12679:2018 en
Nerazorno ispitivanje – Određivanje veličine izvora zračenja u industrijskoj radiografiji – Radiografska metoda (EN 12679:2018)
Non-destructive testing – Radiographic testing – Determination of the size of industrial radiographic gamma sources (EN 12679:2018)
- zamijenjena s: HRN EN ISO 32679:2025

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

HRN EN 1555-1:2021 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 1. dio: Općenito (EN 1555-1:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 1: General (EN 1555-1:2021)
- zamijenjena s: HRN EN 1555-1:2025

HRN EN 1555-2:2021 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 2. dio: Cijevi (EN 1555-2:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 2: Pipes (EN 1555-2:2021)
- zamijenjena s: HRN EN 1555-2:2025

HRN EN 1555-3:2021 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 3. dio: Spojnice (EN 1555-3:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 3: Fittings (EN 1555-3:2021)
- zamijenjena s: HRN EN 1555-3:2025

HRN EN 1555-4:2021 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 4. dio: Ventili (EN 1555-4:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 4: Valves (EN 1555-4:2021)
- zamijenjena s: HRN EN 1555-4:2025

HRN EN 12118:2002 en
Plastični cijevni sustavi – Kulometrijsko određivanje sadržaja vlage u plastomerima (EN 12118:1997)
Plastics piping systems – Determination of moisture content in thermoplastics by coulometry (EN 12118:1997)
- bez zamjene

HRN EN 13476-1:2018 en
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanog poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 1. dio: Opći zahtjevi i svojstva (EN 13476-1:2018)
Plastics piping systems for non-pressure underground drainage and sewerage – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 1: General requirements and performance characteristics (EN 13476-1:2018)
- zamijenjena s: HRN EN 13476-1:2025

HRN EN 13476-2:2020 en
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanog poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 2. dio: Specifikacije za cijevi i spojnice s glatkom unutarnjom i vanjskom površinom i sustav, tip A (EN 13476-2:2018+A1:2020)
Plastics piping systems for non-pressure underground drainage and sewerage – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 2: Specifications for pipes and fittings with smooth internal and external surface and the system, Type A (EN 13476-2:2018+A1:2020)
- zamijenjena s: HRN EN 13476-2:2025

HRN EN 13476-3:2020 en
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanog poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 3. dio: Specifikacije za cijevi i spojnice s glatkom unutrašnjom i profiliranom vanjskom površinom i sustav, tip B (EN 13476-3:2018+A1:2020)
Plastics piping systems for non-pressure underground drainage and sewerage – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 3: Specifications for pipes and fittings with smooth internal and profiled external surface and the system, Type B (EN 13476-3:2018+A1:2020)
- zamijenjena s: HRN EN 13476-3:2025

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

HRN EN 13946:2014 en

Kvaliteta vode – Upute za rutinsko uzorkovanje i prethodnu obradu riječnih i jezerskih bentoskih dijatomeja (EN 13946:2014)

Water quality – Guidance for the routine sampling and preparation of benthic diatoms from rivers and lakes (EN 13946:2014)

- zamijenjena s: HRN EN 13946:2025

HZN/TO 159, Ergonomija

HRN EN ISO 7730:2008 en

Ergonomija toplinskog okoliša – Analitičko utvrđivanje i tumačenje toplinske udobnosti uporabom izračuna PMV i PPD indeksa i lokalnih toplinskih kriterija udobnosti (ISO 7730:2005; EN ISO 7730:2005)

Ergonomics of the thermal environment – Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria (ISO 7730:2005; EN ISO 7730:2005)

- zamijenjena s: HRN EN ISO 7730:2025

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 27269:2022 en

Zdravstvena informatika – Sažetak međunarodnih pacijentovih medicinskih podataka (ISO 27269:2021; EN ISO 27269:2022)

Health informatics – International patient summary

(ISO 27269:2021; EN ISO 27269:2022)

- zamijenjena s: HRN EN ISO 27269:2025

HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 17829:2015 en

Čvrsta biogoriva – Određivanje duljine i promjera peleta (ISO 17829:2015; EN ISO 17829:2015)

Solid Biofuels – Determination of length and diameter of pellets (ISO 17829:2015; EN ISO 17829:2015)

- zamijenjena s: HRN EN ISO 17829:2025

HZN/TO 502, Plinski uređaji

HRN EN 509:2004/A2:2005 en

Plinski uređaji s ukrasnim utiskom (dekorativnim efektom) gorenja (EN 509:1999/A2:2004)

Decorative fuel-effect gas appliances (EN 509:1999/A2:2004)

- zamijenjena s: HRN EN 509:2024

HZN/TO 503, Metalni materijali

HRN EN ISO 3210:2018 en

Anodna obrada aluminija i aluminijevih legura – Ocjenjivanje kvalitete zapunjenih prevlaka anodnom oksidacijom mjerenjem gubitka mase nakon uranjanja u otopinu(e) fosforne kiseline (ISO 3210:2017; 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 3210:2017)

- zamijenjena s: HRN EN ISO 3210:2025

HRN EN ISO 4491-3:2008 en

Metalni prah – Određivanje udjela kisika redukcijskom metodom – 3. dio: Redukcija kisika vodikom (ISO 4491-3:1997; EN ISO 4491-3:2006)

Metallic powders – Determination of oxygen content by reduction methods – Part 3: Hydrogen-reducible oxygen (ISO 4491-3:1997; EN ISO 4491-3:2006)

- zamijenjena s: HRN EN ISO 4491-3:2025

HRN EN ISO 10280:2007 en

Čelik i željezni ljev – Određivanje sadržaja titana – Spektrofotometrijska metoda pomoću diantipirilmetana (ISO 10280:1991; EN ISO 10280:1995)

Steel and iron – Determination of titanium content – Diantipyrilmethane spectrophotometric method (ISO 10280:1991; EN ISO 10280:1995)

- zamijenjena s: HRN EN ISO 10280:2025

HRN EN 12392:2022 en

Aluminij i aluminijeve legure – Gnječeni proizvodi i lijevani proizvodi – Posebni zahtjevi za proizvode za izradu tlačne opreme (EN 12392:2016+A1:2022)

Aluminium and aluminium alloys – Wrought products and cast products – Special requirements for products intended for the production of pressure equipment (EN 12392:2016+A1:2022)

- zamijenjena s: HRN EN 12392:2025

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

HRI CR 1404:2008 en

Određivanje ispušnih plinova tijekom tipskog ispitivanja plinskih uređaja (CR 1404:1994)

Determination of emissions from appliances burning gaseous fuels during type-testing (CR 1404:1994)

- bez zamjene

HZN/TO 511, Eksplozivi za civilnu uporabu

HRN EN 13630-1:2004 en

Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 1. dio: Zahtjevi (EN 13630-1:2003)

Explosives for civil uses – Detonating cords and safety fuses

– Part 1: Requirements (EN 13630-1:2003)

- zamijenjena s: HRN EN 13630-1:2025

HRN EN 13630-2:2004 en

Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 2. dio: Određivanje toplinske stabilnosti detonirajućih štapina i sporogorećih štapina (EN 13630-2:2002)

Explosives for civil uses – Detonating cords and safety fuses

– Part 2: Determination of thermal stability of detonating cords and safety fuses (EN 13630-2:2002)

- zamijenjena s: HRN EN 13630-2:2025

HRN EN 13630-3:2004 en

Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 3. dio: Određivanje osjetljivosti eksplozivnog punjenja detonirajućih štapina na trenje (EN 13630-3:2002)

Explosives for civil uses – Detonating cords and safety fuses

– Part 3: Determination of sensitiveness to friction of the core of detonating cords (EN 13630-3:2002)

- zamijenjena s: HRN EN 13630-3:2025

HRN EN 13630-4:2004 en

Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 4. dio: Određivanje osjetljivosti detonirajućih štapina na udar (EN 13630-4:2002)

Explosives for civil uses – Detonating cords and safety fuses

– Part 4: Determination of sensitiveness to impact of detonating cords (EN 13630-4:2002)

- zamijenjena s: HRN EN 13630-4:2025

HRN EN 13630-5:2004 en

Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 5. dio: Određivanje otpornosti detonirajućih štapina na abraziju (EN 13630-5:2003)

Explosives for civil uses – Detonating cords and safety fuses

– Part 5: Determination of resistance to abrasion of detonating cords (EN 13630-5:2003)

- zamijenjena s: HRN EN 13630-5:2025

HRN EN 13630-6:2004 en

Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 6. dio: Određivanje otpornosti detonirajućih štapina na istezanje (EN 13630-6:2002)

Explosives for civil uses – Detonating cords and safety fuses

– Part 6: Determination of resistance to tension of detonating cords (EN 13630-6:2002)

- bez zamjene

HRN EN 13630-7:2004 en

Eksplozivi za civilnu uporabu – Detonirajući i sporogoreći štapini – 7. dio: Određivanje pouzdanosti iniciranja detonirajućih štapina (EN 13630-7:2002)

Explosives for civil uses – Detonating cords and safety fuses

– Part 7: Determination of reliability of initiation of detonating cords (EN 13630-7:2002)

- zamijenjena s: HRN EN 13630-7:2025

HRN EN 13630-8:2004 en

Eksplzivni za civilnu uporabu – Detonirajući i sporogoreći štapini – 8. dio: Određivanje vodootpornosti detonirajućih štapina i sporogorećih štapina (EN 13630-8:2002)
Explosives for civil uses – Detonating cords and safety fuses – Part 8: Determination of resistance to water of detonating cords and safety fuses (EN 13630-8:2002)
- zamijenjena s: HRN EN 13630-8:2025

HRN EN 13630-9:2007 en

Eksplzivni za civilnu uporabu – Detonirajući i sporogoreći štapini – 9. dio: Određivanje prijenosa detonacije detonirajućeg štapina (EN 13630-9:2004)
Explosives for civil uses – Detonating cords and safety fuses – Part 9: Determination of transmission of detonation from detonating cord to detonating cord (EN 13630-9:2004)
- zamijenjena s: HRN EN 13630-9:2025

HRN EN 13630-10:2007 en

Eksplzivni za civilnu uporabu – Detonirajući i sporogoreći štapini – 10. dio: Određivanje mogućnosti iniciranja detonirajućih štapina (EN 13630-10:2005)
Explosives for civil uses – Detonating cords and safety fuses – Part 10: Determination of initiating capability of detonating cords (EN 13630-10:2005)
- zamijenjena s: EN 13630-10:2025

HRN EN 13630-11:2004 en

Eksplzivni za civilnu uporabu – Detonirajući i sporogoreći štapini – 11. dio: Određivanje brzine detonacije detonirajućih štapina (EN 13630-11:2002)
Explosives for civil uses – Detonating cords and safety fuses – Part 11: Determination of velocity of detonation of detonating cords (EN 13630-11:2002)
- zamijenjena s: HRN EN 13630-11:2025

HRN EN 13630-12:2004 en

Eksplzivni za civilnu uporabu – Detonirajući i sporogoreći štapini – 12. dio: Određivanje vremena gorenja sporogorećih štapina (EN 13630-12:2002)
Explosives for civil uses – Detonating cords and safety fuses – Part 12: Determination of burning duration of safety fuses (EN 13630-12:2002)
- zamijenjena s: HRN EN 13630-12:2025

HRN EN 13631-1:2007 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 1. dio: Zahtjevi (EN 13631-1:2005)
Explosives for civil uses – High explosives – Part 1: Requirements (EN 13631-1:2005)
- zamijenjena s: HRN EN 13631-1:2025

HRN EN 13631-2:2004 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 2. dio: Određivanje toplinske stabilnosti eksploziva (EN 13631-2:2002)
Explosives for civil uses – High explosives – Part 2: Determination of thermal stability of explosives (EN 13631-2:2002)
- zamijenjena s: HRN EN 13631-2:2025

HRN EN 13631-3:2007 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 3. dio: Određivanje osjetljivosti eksploziva na trenje (EN 13631-3:2004)
Explosives for civil uses – High explosives – Part 3: Determination of sensitiveness to friction of explosives (EN 13631-3:2004)
- zamijenjena s: HRN EN 13631-3:2025

HRN EN 13631-4:2004 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 4. dio: Određivanje osjetljivosti eksploziva na udar (EN 13631-4:2002)
Explosives for civil uses – High explosives – Part 4: Determination of sensitiveness to impact of explosives (EN 13631-4:2002)
- zamijenjena s: HRN EN 13631-4:2025

HRN EN 13631-5:2004 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 5. dio: Određivanje vodootpornosti (EN 13631-5:2002)
Explosives for civil uses – High explosives – Part 5: Determination of resistance to water (EN 13631-5:2002)
- zamijenjena s: HRN EN 13631-5:2025

HRN EN 13631-6:2004 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 6. dio: Određivanje otpornosti na hidrostatski tlak (EN 13631-6:2002)
Explosives for civil uses – High explosives – Part 6: Determination of resistance to hydrostatic pressure (EN 13631-6:2002)
- zamijenjena s: HRN EN 13631-6:2025

HRN EN 13631-10:2004 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 10. dio: Metoda za potvrđivanje načina iniciranja (EN 13631-10:2003)
Explosives for civil uses – High explosives – Part 10: Method for the verification of the means of initiation (EN 13631-10:2003)
- zamijenjena s: HRN EN 13631-10:2025

HRN EN 13631-11:2004 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 11. dio: Određivanje prijenosa detonacije (EN 13631-11:2003)
Explosives for civil uses – High explosives – Part 11: Determination of transmission of detonation (EN 13631-11:2003)
- zamijenjena s: HRN EN 13631-11:2025

HRN EN 13631-13:2004 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 13. dio: Određivanje gustoće (EN 13631-13:2003)
Explosives for civil uses – High explosives – Part 13: Determination of density (EN 13631-13:2003)
- zamijenjena s: HRN EN 13631-13:2025

HRN EN 13631-14:2004 en

Eksplzivni za civilnu uporabu – Jaki eksplozivi – 14. dio: Određivanje brzine detonacije (EN 13631-14:2003)
Explosives for civil uses – High explosives – Part 14: Determination of velocity of detonation (EN 13631-14:2003)
- zamijenjena s: HRN EN 13631-14:2025

HRN EN 13763-1:2007 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 1. dio: Zahtjevi (EN 13763-1:2004)
Explosives for civil uses – Detonators and relays – Part 1: Requirements (EN 13763-1:2004)
- zamijenjena s: HRN EN 13763-1:2025

HRN EN 13763-2:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 2. dio: Određivanje toplinske stabilnosti (EN 13763-2:2002)
Explosives for civil uses – Detonators and relays – Part 2: Determination of thermal stability (EN 13763-2:2002)
- zamijenjena s: HRN EN 13763-2:2025

HRN EN 13763-3:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 3. dio: Određivanje osjetljivosti na udar (EN 13763-3:2002)
Explosives for civil uses – Detonators and relays – Part 3: Determination of sensitiveness to impact (EN 13763-3:2002)
- zamijenjena s: HRN EN 13763-3:2025

HRN EN 13763-4:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 4. dio: Određivanje otpornosti električnih vodiča i udarnih cjevčica na abraziju (EN 13763-4:2003)
Explosives for civil uses – Detonators and relays – Part 4: Determination of resistance to abrasion of leading wires and shock tubes (EN 13763-4:2003)
- zamijenjena s: HRN EN 13763-4:2025

HRN EN 13763-5:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 5. dio: Određivanje otpornosti električnih vodiča i udarnih cjevčica na rezanje (EN 13763-5:2003)
Explosives for civil uses – Detonators and relays – Part 5: Determination of resistance to cutting damage of leading wires and shock tubes (EN 13763-5:2003)
- zamijenjena s: HRN EN 13763-5:2025

HRN EN 13763-6:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 6. dio: Određivanje otpornosti električnih vodiča na kidanje pri niskim temperaturama (EN 13763-6:2003)
Explosives for civil uses – Detonators and relays – Part 6: Determination of resistance to cracking in low temperatures of leading wires (EN 13763-6:2003)
- zamijenjena s: HRN EN 13763-6:2025

HRN EN 13763-7:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 7. dio: Određivanje mehaničke čvrstoće električnih vodiča, udarnih cjevčica, spojeva, brtva i zatvarača (EN 13763-7:2003)
Explosives for civil uses – Detonators and relays – Part 7: Determination of the mechanical strength of leading wires, shock tubes, connections, crimps and closures (EN 13763-7:2003)
- zamijenjena s: HRN EN 13763-7:2025

HRN EN 13763-8:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 8. dio: Određivanje otpornosti rudarskih kapica na vibriranje (EN 13763-8:2003)
Explosives for civil uses – Detonators and relays – Part 8: Determination of the resistance to vibration of plain detonators (EN 13763-8:2003)
- zamijenjena s: HRN EN 13763-8:2025

HRN EN 13763-9:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 9. dio: Određivanje otpornosti detonatora na savijanje (EN 13763-9:2003)
Explosives for civil uses – Detonators and relays – Part 9: Determination of resistance to Bending of detonators (EN 13763-9:2003)
- zamijenjena s: HRN EN 13763-9:2025

HRN EN 13763-11:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 11. dio: Određivanje otpornosti detonatora i usporivača na oštećenja nastala padom (EN 13763-11:2003)
Explosives for civil uses – Detonators and relays – Part 11: Determination of resistance to damage by dropping of detonators and relays (EN 13763-11:2003)
- zamijenjena s: HRN EN 13763-11:2025

HRN EN 13763-12:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 12. dio: Određivanje otpornosti na hidrostatski tlak (EN 13763-12:2003)
Explosives for civil uses – Detonators and relays – Part 12: Determination of resistance to hydrostatic pressure (EN 13763-12:2003)
- zamijenjena s: HRN EN 13763-12:2025

HRN EN 13763-13:2006 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 13. dio: Određivanje osjetljivosti prema elektrostatskom izboju električnih detonatora (EN 13763-13:2004)
Explosives for civil uses – Detonators and relays – Part 13: Determination of resistance of electric detonators to electrostatic discharge (EN 13763-13:2004)
- zamijenjena s: HRN EN 13763-13:2025

HRN EN 13763-15:2007 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 15. dio: Određivanje ekvivalentnih mogućnosti iniciranja (EN 13763-15:2004)
Explosives for civil uses – Detonators and relays – Part 15: Determination of equivalent initiating capability (EN 13763-15:2004)
- zamijenjena s: HRN EN 13763-15:2025

HRN EN 13763-16:2007 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 16. dio: Određivanje točnosti usporavanja (EN 13763-16:2003)
Explosives for civil uses – Detonators and relays – Part 16: Determination of delay accuracy (EN 13763-16:2003)
- zamijenjena s: HRN EN 13763-16:2025

HRN EN 13763-17:2006 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 17. dio: Određivanje struje pri kojoj detonatori ne pale (EN 13763-17:2003)
Explosives for civil uses – Detonators and relays – Part 17: Determination of no-fire current of electric detonators (EN 13763-17:2003)
- zamijenjena s: EN 13763-17:2025

HRN EN 13763-18:2006 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 18. dio: Određivanje struje za serijsko paljenje električnih detonatora (EN 13763-18:2003)
Explosives for civil uses – Detonators and relays – Part 18: Determination of series firing current of electric detonators (EN 13763-18:2003)
- zamijenjena s: HRN EN 13763-18:2025

HRN EN 13763-19:2006 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 19. dio: Određivanje impulsa paljenja električnih detonatora (EN 13763-19:2003)
Explosives for civil uses – Detonators and relays – Part 19: Determination of firing impulse of electric detonators (EN 13763-19:2003)
- zamijenjena s: HRN EN 13763-19:2025

HRN EN 13763-20:2006 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 20. dio: Određivanje ukupnog otpora električnih detonatora (EN 13763-20:2003)
Explosives for civil uses – Detonators and relays – Part 20: Determination of total electrical resistance of electric detonators (EN 13763-20:2003)
- zamijenjena s: HRN EN 13763-20:2025

HRN EN 13763-21:2006 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 21. dio: Određivanje probojnog napona električnih detonatora (EN 13763-21:2003)
Explosives for civil uses – Detonators and relays – Part 21: Determination of flash-over voltage of electric detonators (EN 13763-21:2003)
- zamijenjena s: HRN EN 13763-21:2025

HRN EN 13763-22:2006 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 22. dio: Određivanje kapaciteta, otpora izolacije i probojnog napona izolacije priključnih vodova (EN 13763-22:2003)
Explosives for civil uses – Detonators and relays – Part 22: Determination of capacitance, insulation resistance and insulation breakdown of leading wires (EN 13763-22:2003)
- zamijenjena s: HRN EN 13763-22:2025

HRN EN 13763-23:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 23. dio: Određivanje brzine udarnog vala udarne cjevčice (EN 13763-23:2002)
Explosives for civil uses – Detonators and relays – Part 23: Determination of the shock-wave velocity of shock tube (EN 13763-23:2002)
- zamijenjena s: HRN EN 13763-23:2025

HRN EN 13763-24:2004 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 24. dio: Određivanje elektroizolacijskih svojstava udarne cjevčice (EN 13763-24:2002)
Explosives for civil uses – Detonators and relays – Part 24: Determination of the electrical non-conductivity of shock tube (EN 13763-24:2002)
- zamijenjena s: HRN EN 13763-24:2025

HRN EN 13763-25:2007 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 25. dio: Određivanje mogućnosti prijenosa površinskih spojnika, usporivača i spojenih dodataka (EN 13763-25:2004)
Explosives for civil uses – Detonators and relays – Part 25: Determination of transfer capability of surface connectors, relays and coupling accessories (EN 13763-25:2004)
- zamijenjena s: HRN EN 13763-25:2025

HRN CEN/TS 13763-27:2006 en

Eksplzivni za civilnu uporabu – Detonatori i usporivači – 27. dio: Definicije, metode i zahtjevi za elektroničke sustave iniciranja (CEN/TS 13763-27:2003)
Explosives for civil uses – Detonators and relays – Part 27: Definitions, methods and requirements for electronic initiation systems (CEN/TS 13763-27:2003)
- zamijenjena s: HRN EN 13763-27:2025

HRN EN 13857-1:2007 hr,en,fr,de
Eksplozivi za civilnu uporabu – 1. dio: Nazivlje
(EN 13857-1:2003)
Explosives for civil uses – Part 1: Terminology
(EN 13857-1:2003)
- zamijenjena s: HRN EN 13857-1:2025

HRN EN 13857-3:2004 en
Eksplozivi za civilnu uporabu – 3. dio: Podaci i informacije koje proizvođač ili njegov zastupnik daju korisniku
(EN 13857-3:2002)
Explosives for civil uses – Part 3: Information to be provided by the manufacturer or his authorised representative to the user (EN 13857-3:2002)
- zamijenjena s: HRN EN 13630-1:2025, HRN EN 13631-1:2025, HRN EN 13763-1:2007, HRN EN 13938-1:2025

HRN EN 13938-1:2007 en
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 1. dio: Zahtjevi (EN 13938-1:2004+AC:2006)
Explosives for civil uses – Propellants and rocket propellants – Part 1: Requirements (EN 13938-1:2004+AC:2006)
- zamijenjena s: HRN EN 13938-1:2025

HRN EN 13938-2:2007 en
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 2. dio: Određivanje otpornosti na elektrostatičku energiju (EN 13938-2:2004)
Explosives for civil uses – Propellants and rocket propellants – Part 2: Determination of resistance to electrostatic energy (EN 13938-2:2004)
- zamijenjena s: HRN EN 13938-2:2025

HRN EN 13938-3:2004 en
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 3. dio: Određivanje prijelaza sagorijevanja u detonaciju (EN 13938-3:2003)
Explosives for civil uses – Propellants and rocket propellants – Part 3: Determination of deflagration to detonation transition (EN 13938-3:2003)
- zamijenjena s: HRN EN 13938-3:2025

HRN EN 13938-4:2004 en
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 4. dio: Određivanje brzine sagorijevanja pri atmosferskim uvjetima (EN 13938-4:2003)
Explosives for civil uses – Propellants and rocket propellants – Part 4: Determination of burning rate under ambient conditions (EN 13938-4:2003)
- zamijenjena s: HRN EN 13938-4:2025

HRN EN 13938-5:2007 en
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 5. dio: Određivanje šupljina i pukotina (EN 13938-5:2004)
Explosives for civil uses – Propellants and rocket propellants – Part 5: Determination of voids and fissures (EN 13938-5:2004)
- zamijenjena s: HRN EN 13938-5:2025

HRN EN 13938-7:2007 en
Eksplozivi za civilnu uporabu – Baruti i čvrsta raketna goriva – 7. dio: Određivanje svojstava crnog baruta (EN 13938-7:2004)
Explosives for civil uses – Propellants and rocket propellants – Part 7: Determination of properties of black powder (EN 13938-7:2004)
- zamijenjena s: HRN EN 13631-17:2025

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN ISO 4064-5:2017 en
Vodomjeri za hladnu pitku vodu i vruću vodu – 5. dio: Zahtjevi za ugradnju (ISO 4064-5:2014; EN ISO 4064-5:2017)
Water meters for cold potable water and hot water – Part 5: Installation requirements (ISO 4064-5:2014; EN ISO 4064-5:2017)
- zamijenjena s: HRN EN ISO 4064-5:2025

HRN EN ISO 4064-5:2017/A11:2023 en
Vodomjeri za hladnu pitku vodu i vruću vodu – 5. dio: Zahtjevi za ugradnju (EN ISO 4064-5:2017/A11:2022)
Water meters for cold potable water and hot water – Part 5: Installation requirements (EN ISO 4064-5:2017/A11:2022)
- zamijenjena s: HRN EN ISO 4064-5:2025

HRI ISO/TR 9464:2016 en
Smjernice za primjenu ISO 5167:2003 (ISO/TR 9464:2008)
Guidelines for the use of ISO 5167:2003 (ISO/TR 9464:2008)
- zamijenjena s: HRI ISO/TR 9464:2025

HRI ISO/TR 12767:2008 en
Mjerenje protoka fluida uz pomoć uređaja za mjerenje razlike tlaka – Smjernice o utjecaju odstupanja u odnosu na specifikaciju i radne uvjete koji su navedeni u normi ISO 5167 (ISO/TR 12767:2007)
Measurement of fluid flow by means of pressure-differential devices – Guidelines to the effect of departure from the specifications and operating conditions given in ISO 5167 (ISO/TR 12767:2007)
- zamijenjena s: HRI ISO/TR 12767:2025

HRN ISO 13317-1:2008 en
Određivanje raspodjele veličine čestica metodama gravitacijske tekućinske sedimentacije – 1. dio: Opća načela i smjernice (ISO 13317-1:2001)
Determination of particle size distribution by gravitational liquid sedimentation methods – Part 1: General principles and guidelines (ISO 13317-1:2001)
- zamijenjena s: HRN ISO 13317-1:2025

HRN ISO 13318-1:2008 en
Određivanje raspodjele veličine čestica metodama centrifugalne tekućinske sedimentacije – 1. dio: Opća načela i smjernice (ISO 13318-1:2001)
Determination of particle size distribution by centrifugal liquid sedimentation methods – Part 1: General principles and guidelines (ISO 13318-1:2001)
- zamijenjena s: HRN ISO 13318-1:2025

HRI ISO/TR 15377:2018 en
Mjerenje protoka fluida uređajima za mjerenje razlike tlaka – Smjernice za specifikaciju mjernih prigušnica, sapnica i Venturijevih cijevi izvan područja primjene norme ISO 5167 (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 (ISO/TR 15377:2018)
- zamijenjena s: HRI ISO/TR 15377:2025

HZN/TO 524, Inteligentni transportni sustavi

HRN EN ISO 15008:2017 en
Cestovna vozila – Ergonomski aspekti prometnih podataka i upravljačkih sustava – Specifikacije i ispitni postupci za vizualni prikaz u vozilu (ISO 15008:2017; EN ISO 15008:2017)
Road vehicles – Ergonomic aspects of transport information and control systems – Specifications and test procedures for in-vehicle visual presentation (ISO 15008:2017; EN ISO 15008:2017)
- bez zamjene

HRN EN 15876-2:2016 en
Elektronička naplata – Vrednovanje sukladnosti opreme u vozilu i opreme uz prometnicu s normom EN 15509 – 2. dio: Sažetak ispitnog paketa (EN 15876-2:2016)
Electronic fee collection – Evaluation of on-board and roadside equipment for conformity to EN 15509 – Part 2: Abstract test suite (EN 15876-2:2016)
- bez zamjene

HRS CEN/TS 17380:2021 en
Inteligentni transportni sustavi – Gradski ITS – Upravljanje zonom nadziranja uporabom regulacija za pristup vozila (UVAR) pomoću koordinacije različitih ITS usluga (CEN/TS 17380:2019)
Intelligent transport systems – Urban-ITS – 'Controlled Zone' management for UVARs using C-ITS (CEN/TS 17380:2019)
- bez zamjene

HZN/TO 528, Oprema za željeznice

HRN EN ISO 3095:2013 en
Akustika – Željeznički sustav – Mjerenje buke koju proizvode željeznička vozila (ISO 3095:2013; EN ISO 3095:2013)
Acoustics – Railway applications – Measurement of noise emitted by railbound vehicles (ISO 3095:2013; EN ISO 3095:2013)
- zamijenjena s: HRN EN ISO 3095:2025

HRN EN 16584-1:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Opći zahtjevi – 1. dio: Kontrast (EN 16584-1:2017)
Railway applications – Design for PRM Use – General requirements – Part 1: Contrast (EN 16584-1:2017)
- zamijenjena s: HRN EN 16584-1:2025

HRN EN 16584-2:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Opći zahtjevi – 2. dio: Obavijesti (EN 16584-2:2017)
Railway applications – Design for PRM Use – General Requirements – Part 2: Information (EN 16584-2:2017)
- zamijenjena s: HRN EN 16584-2:2025

HRN EN 16584-3:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Opći zahtjevi – 3. dio: Optičke i protuklizne značajke (EN 16584-3:2017)
Railway applications – Design for PRM use – General requirements – Part 3: Optical and friction characteristics (EN 16584-3:2017)
- zamijenjena s: HRN EN 16584-3:2025

HRN EN 16585-1:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Oprema i dijelovi ugrađeni na željezničkim vozilima – 1. dio: Toaleti (EN 16585-1:2017)
Railway applications – Design for PRM use – Equipment and components onboard rolling stock – Part 1: Toilets (EN 16585-1:2017)
- zamijenjena s: HRN EN 16585-1:2025

HRN EN 16585-2:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Oprema i dijelovi ugrađeni na željezničkim vozilima – 2. dio: Elementi za sjedenje, stajanje i kretanje (EN 16585-2:2017)
Railway applications – Design for PRM Use – Equipment and Components onboard Rolling Stock – Part 2: Elements for sitting, standing and moving (EN 16585-2:2017)
- zamijenjena s: HRN EN 16585-2:2025

HRN EN 16585-3:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Oprema i dijelovi ugrađeni na željezničkim vozilima – 3. dio: Prolazi i unutarnja vrata (EN 16585-3:2017)
Railway applications - Design for PRM use - Equipment and components on board rolling stock - Part 3: Clearways and internal doors (EN 16585-3:2017)
- zamijenjena s: HRN EN 16585-3:2025

HRN EN 16586-1:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Dostupnost željezničkih vozila osobama smanjene pokretljivosti – 1. dio: Stube za ulazak i izlazak (EN 16586-1:2017)
Railway applications – Design for PRM use – Accessibility of persons with reduced mobility to rolling stock – Part 1: Steps for access and egress (EN 16586-1:2017)
- zamijenjena s: HRN EN 16586-1:2025

HRN EN 16586-2:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Dostupnost željezničkih vozila osobama smanjene pokretljivosti – 2. dio: Pomoćna sredstva za ukrcaj (EN 16586-2:2017)
Railway applications – Design for PRM use – Accessibility of persons with reduced mobility to rolling stock – Part 2: Boarding aids (EN 16586-2:2017)
- zamijenjena s: HRN EN 16586-2:2025

HRN EN 16587:2017 en

Željeznički sustav – Oblikovanja namijenjena osobama smanjene pokretljivosti – Zahtjevi za infrastrukturu koja uključuje puteve bez prepreka (EN 16587:2017)
Railway applications – Design for PRM Use – Requirements on obstacle free routes for infrastructure (EN 16587:2017)
- zamijenjena s: HRN EN 16587:2025

HRN EN 16839:2022 en

Željeznički sustav – Željeznička vozila – Raspored opreme na čelnoj gredi vozila (EN 16839:2022)
Railway applications – Rolling stock – Head stock layout (EN 16839:2022)
- zamijenjena s: HRN EN 16839:2025

HZN/TO 530, Remenski prijenosi, čelična užad, lanci, kuke za dizalice, trake, omče i pribor

HRN EN ISO 1120:2013 en

Conveyor belts – Determination of strength of mechanical fastenings – Static test method (ISO 1120:2012; EN ISO 1120:2012)
- zamijenjena s: HRN EN ISO 1120:2025

HZN/TO 531, Plastika i guma

HRN EN ISO 877-2:2010 en

Plastika – Metode izlaganja sunčevom zračenju – 2. dio: Izravno atmosfersko starenje i izlaganje iza prozorskog stakla (ISO 877-2:2009; EN ISO 877-2:2010)
Plastics – Methods of exposure to solar radiation – Part 2: Direct weathering and exposure behind window glass (ISO 877-2:2009; EN ISO 877-2:2010)
- bez zamjene

HRS CEN/TS 14421:2009 en

Priključak cijevi i obujmica za učvršćivanje crijeva kovrčanjem i sabijanjem (CEN/TS 14421:2006)
Hose tail and ferrule for crimping and swaging (CEN/TS 14421:2006)
- bez zamjene

HZN/TO 534, Spremnici za teret

HRN EN 14620-5:2008 en

Projektiranje i proizvodnja vertikalnih, cilindričnih čeličnih spremnika s ravnim dnom za skladištenje rashlađenih ukapljenih plinova na radnoj temperaturi između 0 °C i -165 °C, koji se izrađuju na gradilištu – 5. dio: Ispitivanje, sušenje, čišćenje i podhlađivanje (EN 14620-5:2006)
Design and manufacture of site built, vertical, cylindrical, flat-bottomed steel tanks for the storage of refrigerated, liquefied gases with operating temperatures between 0 °C and -165 °C – Part 5: Testing, drying, purging and cool-down (EN 14620-5:2006)
- zamijenjena s: HRN EN 14620-5:2025

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

HRN EN ISO 3274:2008 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Nazivne karakteristike kontaktnih uređaja (s ticalom) (ISO 3274:1996; EN ISO 3274:1997)
Geometrical product specifications (GPS) – Surface texture: Profile method – Nominal characteristics of contact (stylus) instruments (ISO 3274:1996; EN ISO 3274:1997)
- zamijenjena s: HRN EN ISO 25178-601:2025

HZN/TO 539, Kemijski dezinficijensi i antiseptici

HRN EN 14476:2019 en

Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za procjenu virucidne djelotvornosti u medicini – Metoda ispitivanja i zahtjevi (faza 2, korak 1) (EN 14476:2013+A2:2019)
Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of virucidal activity in the medical area – Test method and requirements (Phase 2/Step 1) (EN 14476:2013+A2:2019)
- zamijenjena s: HRN EN 14476:2025

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

HRN EN ISO 9806:2017 en

Sunčeva energija – Sunčani toplinski kolektori – Metode ispitivanja (ISO 9806:2017; EN ISO 9806:2017)
Solar energy – Solar thermal collectors – Test methods (ISO 9806:2017; EN ISO 9806:2017)
- zamijenjena s: HRN EN ISO 9806:2025

HRN EN 13141-11:2015 en

Ventilacija u zgradama – Ispitivanje značajka dijelova/proizvoda za ventilaciju stambenih zgrada – 11. dio: Opskrbne ventilacijske jedinice (EN 13141-11:2015)
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 11: Supply ventilation units (EN 13141-11:2015)
- bez zamjene

HRN EN 15316-5:2017 en

Energijska svojstva zgrada – Metoda proračuna energijskih zahtjeva i učinkovitosti sustava – 5. dio: Sustavi za akumulaciju topline pri grijanju prostora i pripremi potrošne tople vode (bez hlađenja), M3-7, M8-7 (EN 15316-5:2017)
Energy performance of buildings – Method for calculation of system energy requirements and system efficiencies – Part 5: Space heating and DHW storage systems (not cooling), M3-7, M8-7 (EN 15316-5:2017)
- zamijenjena s: HRN EN 15316-5:2025

HZN/TO 550, Opskrba vodom

HRN EN 1508:2007 en

Opskrba vodom – Zahtjevi za sustave i dijelove sustava za pohranu vode (EN 1508:1998)
Water supply – Requirements for systems and components for the storage of water (EN 1508:1998)
- zamijenjena s: HRN EN 1508:2025

HZN/TO 551, Gradnja

HRN EN ISO 23387:2020 en

Informacijsko modeliranje građevina/gradnje (BIM) – Predlošci podataka za građevne elemente koji se upotrebljavaju tijekom životnog ciklusa građevine – Koncepti i načela (ISO 23387:2020; EN ISO 23387:2020)
Building Information Modelling (BIM) – Data templates for construction objects used in the life cycle of any built asset – Concepts and principles (ISO 23387:2020; EN ISO 23387:2020)
- zamijenjena s: HRN EN ISO 23387:2025

HZN/TO 557, Zaštitna odjeća

HRN EN ISO 9185:2008 en

Zaštitna odjeća – Ocjenjivanje otpornosti materijala na prskotine rastaljenog metala (ISO 9185:2007; EN ISO 9185:2007)
Protective clothing – Assessment of resistance of materials to molten metal splash (ISO 9185:2007; EN ISO 9185:2007)
- zamijenjena s: HRN EN ISO 9185:2025

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 8559-2:2021 en

Sustav označavanja veličine odjeće – 2. dio: Primarni i sekundarni pokazatelji dimenzija (ISO 8559-2:2017; EN ISO 8559-2:2020)
Size designation of clothes – Part 2: Primary and secondary dimension indicators (ISO 8559-2:2017; EN ISO 8559-2:2020)
- zamijenjena s: HRN EN ISO 8559-2:2025

HRI CEN/TR 16741:2015 en

Tekstili i tekstilni proizvodi – Upute koje se odnose na zdravlje i okoliš s obzirom na sadržaj kemikalija u tekstilnim proizvodima namijenjenima za odjeću, opremanje interijera i presvlake (CEN/TR 16741:2015)
Textiles and textile products – Guidance on health and environmental issues related to chemical content of textile products intended for clothing, interior textiles and upholstery (CEN/TR 16741:2015)
- bez zamjene

HRN EN 17131:2019 en

Tekstil i tekstilni proizvodi – Određivanje dimetilformamida (DMF) metodom plinske kromatografije (EN 17131:2019)
Textiles and textile products – Determination of dimethylformamide (DMF), method using gas chromatography (EN 17131:2019)
- bez zamjene

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

HRN EN 12983-2:2023 en

Posuđe za kuhanje – Posuđe za kuhanje u domaćinstvu za upotrebu na štednjaku, kuhalu ili grijačoj ploči – 2. dio: Ostali opći zahtjevi i posebni zahtjevi za keramičko posuđe za kuhanje i stakleni poklopac (EN 12983-2:2023)
Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 2: General requirements for ceramic cookware and glass lid (EN 12983-2:2023)
- zamijenjena s: HRN EN 12983-2:2025

HZN/TO 573, Elektronički račun

HRI CEN/TR 16931-5:2017 en

Elektronički račun – 5. dio: Smjernice za primjenu opcionalnih sektorskih ili nacionalnih proširenja u svezi s EN 16931-1, metodologija primjene u stvarnoj okolini (CEN/TR 16931-5:2017)
Electronic invoicing – Part 5: Guidelines on the use of sector or country extensions in conjunction with EN 16931-1, methodology to be applied in the real environment (CEN/TR 16931-5:2017)
- zamijenjena s: HRS CEN/TS 16931-5:2025

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

HRS CEN/TS 16555-2:2015 en

Upravljanje inovacijama – 2. dio: Upravljanje strateškim istraživanjima (CEN/TS 16555-2:2014)
Innovation management – Part 2: Strategic intelligence management (CEN/TS 16555-2:2014)
- bez zamjene

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

HRN EN ISO 15192:2021 en

Tlo i otpad – Određivanje kroma(VI) u čvrstim materijalima lužnom digestijom i ionskom kromatografijom sa spektrometrijskim određivanjem (ISO 15192:2021; EN ISO 15192:2021)
Soil and waste – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection (ISO 15192:2021; EN ISO 15192:2021)
- zamijenjena s: HRN EN ISO 15192:2025

HRN EN 16171:2016 en

Mulj, obrađeni biootpad i tlo – Određivanje elemenata uporabom spektrometrije masa s induktivno spregnutom plazmom (ICP-MS) (EN 16171:2016)
Sludge, treated biowaste and soil – Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS) (EN 16171:2016)
- zamijenjena s: HRN EN ISO 16965:2025

HZN/TO E2, Rotacijski strojevi

HRN EN 50347:2008 en

Trofazni indukcijski motori opće namjene, normiranih dimenzija i izlaza – Kućišta za visine osovina 56 do 315 i veličine prirubnica 65 do 740 (EN 50347:2001)
General purpose three-phase induction motors having standard dimensions and outputs – Frame numbers 56 to 315 and flange numbers 65 to 740 (EN 50347:2001)
- zamijenjena s: HRN EN IEC 60072-1:2022

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom

HRS CLC/TS 50654-1:2021 en

- HVDC mrežni sistemi i priključene pretvaračke stanice – Smjernice i popisi parametara za funkcionalne specifikacije – 1. dio: Smjernice (CLC/TS 50654-1:2020)
- HVDC Grid Systems and connected Converter Stations – Guideline and Parameter Lists for Functional Specifications – Part 1: Guidelines (CLC/TS 50654-1:2020)
- bez zamjene

HRS CLC/TS 50654-2:2021 en

- HVDC mrežni sistemi i priključene pretvaračke stanice – Smjernice i popisi parametara za funkcionalne specifikacije – 2. dio: Popisi parametara (CLC/TS 50654-2:2020)
- HVDC Grid Systems and connected Converter Stations – Guideline and Parameter Lists for Functional Specifications – Part 2: Parameter Lists (CLC/TS 50654-2:2020)
- bez zamjene

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

HRN EN 62055-31:2008 en

- Mjerenje električne energije – Sustavi plaćanja – 31. dio: Posebni zahtjevi – Statička brojila za plaćanje djelatne energije (razreda 1 i 2) (IEC 62055-31:2005; EN 62055-31:2005)
- Electricity metering – Payment systems – Part 31: Particular requirements – Static payment meters for active energy (classes 1 and 2) (IEC 62055-31:2005; EN 62055-31:2005)
- zamijenjena s: HRN EN IEC 62055-31:2022

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN 50187:2008 en

- Plinom punjeni odjeljci za sklopne aparature izmjenične struje za nazivne napone iznad 1 kV do i uključivo 52 kV (EN 50187:1996)
- Gas-filled compartments for a.c. switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (EN 50187:1996)
- zamijenjena s: HRN EN 50187:2022

HRN EN 50187:2008/Ispr.1:2014 en

- Plinom punjeni odjeljci za sklopne aparature izmjenične struje za nazivne napone iznad 1 kV do i uključivo 52 kV (EN 50187:1996/AC:1996)
- Gas-filled compartments for a.c. switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (EN 50187:1996/AC:1996)
- zamijenjena s: HRN EN 50187:2022

HRN EN 62271-4:2014 en

- Visokonaponska sklopna aparatura – 4. dio: Postupci za rukovanje sumpornim heksafluoridom (SF₆) i mješavinama (IEC 62271-4:2013; EN 62271-4:2013)
- High-voltage switchgear and controlgear – Part 4: Handling procedures for sulphur hexafluoride (SF₆) and its mixtures (IEC 62271-4:2013; EN 62271-4:2013)
- zamijenjena s: HRN EN IEC 62271-4:2022

HRN EN 62271-202:2014 en

- Visokonaponska sklopna aparatura – 202. dio: Visokonaponske/niskonaponske tvornički dogotovljene transformatorske stanice (IEC 62271-202:2014; EN 62271-202:2014)
- High-voltage switchgear and controlgear – Part 202: High voltage/low voltage prefabricated substation (IEC 62271-202:2014; EN 62271-202:2014)
- zamijenjena s: HRN EN IEC 62271-202:2022

HRN EN 62271-202:2014/Ispr.1:2015 en

- Visokonaponska sklopna aparatura – 202. dio: Visokonaponske/niskonaponske tvornički dogotovljene transformatorske stanice (IEC 62271-202:2014/Corr.1:2015; EN 62271-202:2014/AC:2015)
- High-voltage switchgear and controlgear – Part 202: High-voltage/low-voltage prefabricated substation (IEC 62271-202:2014/Corr.1:2015; EN 62271-202:2014/AC:2015)
- zamijenjena s: HRN EN IEC 62271-202:2022

HRN EN 62271-202:2014/Ispr.2:2016 en

- Visokonaponska sklopna aparatura – 202. dio: Visokonaponske/niskonaponske tvornički dogotovljene transformatorske stanice (IEC 62271-202:2014/AC:2014)
- High-voltage switchgear and controlgear – Part 202: High-voltage/low-voltage prefabricated substation (IEC 62271-202:2014/AC:2014)
- zamijenjena s: HRN EN IEC 62271-202:2022

HRN EN 62271-212:2017 en

- Visokonaponska sklopna aparatura – 212. dio: Blokovi kompaktne izvedbe za distribucijske transformatorske stanice (CEADS) (IEC 62271-212:2016; EN 62271-212:2017)
- High-voltage switchgear and controlgear – Part 212: Compact Equipment Assemblies for Distribution Substation (CEADS) (IEC 62271-212:2016; EN 62271-212:2017)
- zamijenjena s: HRN EN IEC 62271-212:2022

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60598-2-18:2008 en

- Svjetiljke – 2. dio: Posebni zahtjevi – 18. odjeljak: Svjetiljke za bazene za plivanje i slične primjene (IEC 60598-2-18:1993, MOD; EN 60598-2-18:1994)
- Luminaires – Part 2: Particular requirements – Section 18: Luminaires for swimming pools and similar applications (IEC 60598-2-18:1993, MOD; EN 60598-2-18:1994)
- zamijenjena s: HRN EN IEC 60598-2-18:2022

HRN EN 60598-2-18:2008/A1:2012 en

- Svjetiljke – 2. dio: Posebni zahtjevi – 18. poglavlje: Svjetiljke za bazene za plivanje i sličnu primjenu (IEC 60598-2-18:1993/am1:2011; EN 60598-2-18:1994/A1:2012)
- Luminaires – Part 2: Particular requirements – Section 18: Luminaires for swimming pools and similar applications (IEC 60598-2-18:1993/am1:2011; EN 60598-2-18:1994/A1:2012)
- zamijenjena s: HRN EN IEC 60598-2-18:2022

HRN EN 60598-2-18:2008/Ispr.1:2014 en

- Svjetiljke – 2. dio: Posebni zahtjevi – 18. odjeljak: Svjetiljke za bazene za plivanje i slične primjene (EN 60598-2-18:1994/AC:1996)
- Luminaires – Part 2: Particular requirements – Section 18: Luminaires for swimming pools and similar applications (EN 60598-2-18:1994/AC:1996)
- zamijenjena s: HRN EN IEC 60598-2-18:2022

HRN EN 62722-1:2016 en

- Značajke svjetiljki – 1. dio: Opći zahtjevi (IEC 62722-1:2014, MOD; EN 62722-1:2016)
- Luminaire performance – Part 1: General requirements (IEC 62722-1:2014, MOD; EN 62722-1:2016)
- zamijenjena s: HRN EN IEC 62722-1:2022

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

HRN EN 62657-2:2017 en

- Industrijske komunikacijske mreže – Bežična komunikacijska mreža – 2. dio: Upravljanje koegzistencijom (IEC 62657-2:2017; EN 62657-2:2017)
- Industrial communication networks – Wireless communication networks – Part 2: Coexistence management (IEC 62657-2:2017; EN 62657-2:2017)
- zamijenjena s: HRN EN IEC 62657-2:2022

HRN EN 62657-2:2017/A1:2019 en

- Industrijske komunikacijske mreže – Bežična komunikacijska mreža – 2. dio: Upravljanje koegzistencijom (IEC 62657-2:2017/am1:2019; EN 62657-2:2017/A1:2019)
- Industrial communication networks – Wireless communication networks – Part 2: Coexistence management (IEC 62657-2:2017/am1:2019; EN 62657-2:2017/A1:2019)
- zamijenjena s: HRN EN IEC 62657-2:2022

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

HRN EN 61966-12-2:2014 en

Multimedijski sustavi i oprema – Mjerenje i upravljanje bojama – Dio 12-2: Jednostavan oblik metapodataka (METADATA) za identifikaciju skale boja (IEC 61966-12-2:2014; EN 61966-12-2:2014)
Multimedia systems and equipment – Colour measurement and management – Part 12-2: Simple metadata format for identification of colour gamut (IEC 61966-12-2:2014; EN 61966-12-2:2014)
- bez zamjene

HRN EN 62514:2011 en

Načini pristupa multimedije kućnim mrežama – Smjernice (IEC 62514:2010; EN 62514:2010)
Multimedia gateway in home networks – Guidelines (IEC 62514:2010; EN 62514:2010)
- bez zamjene

HRN EN 62608-1:2014 en

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

HRN EN 62889:2015 en

Digitalno video sučelje – Gigabitno video sučelje za multimedijске sustave (IEC 62889:2015; EN 62889:2015)
Digital video interface – Gigabit video interface for multimedia systems (IEC 62889:2015; EN 62889:2015)
- bez zamjene

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

HRN EN 15115:2008 en

Tekstilne podne obloge – Određivanje osjetljivosti na izlivenu vodu (EN 15115:2006)
Textile floor coverings – Determination of sensitivity to spilled water (EN 15115:2006)
- zamijenjena s: HRN EN 15115:2025

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

HRN EN 15416-1:2017 en

Adhezivi za nosive drvene konstrukcije koji nisu fenolni ili aminoplastični – Metode ispitivanja – 1. dio: Ispitivanje dugotrajnim vlačnim naprezanjem okomitim na spojnu liniju u promjenjivim klimatskim uvjetima s uzorcima okomitim na ravninu lijepljenja (ispitivanje u „stakleniku“) (EN 15416-1:2017)
Adhesives for load bearing timber structures other than phenolic and aminoplastic – Test methods – Part 1: Long-term tension load test perpendicular to the bond line at varying climate conditions with specimens perpendicular to the glue line (Glasshouse test) (EN 15416-1:2017)
- zamijenjena s: HRN EN 15416-1:2025

HRN EN 15416-3:2019 en

Adhezivi za nosive drvene strukture koji nisu fenolni ili aminoplastični – Metode ispitivanja – 3. dio: Ispitivanje deformacije puzanja u cikličkim klimatskim uvjetima s uzorcima koji se naprežu savojnim smicanjem (EN 15416-3:2017+A1:2019)
Adhesives for load bearing timber structures other than phenolic and aminoplastic – Test methods – Part 3: Creep deformation test at cyclic climate conditions with specimens loaded in bending shear (EN 15416-3:2017+A1:2019)
- zamijenjena s: HRN EN 15416-3:2025

HRN EN 15416-4:2017 en

Adhezivi za nosive drvene konstrukcije koji nisu fenolni ili aminoplastični – Metode ispitivanja – 4. dio: Određivanje otvorenog vremena sklapanja pri navedenim uvjetima (EN 15416-4:2017)
Adhesives for load bearing timber structures other than phenolic and aminoplastic – Test methods – Part 4: Determination of open assembly time under referenced conditions (EN 15416-4:2017)
- zamijenjena s: HRN EN 15416-4:2025

HRN EN 15416-5:2017 en

Adhezivi za nosive drvene konstrukcije koji nisu fenolni ili aminoplastični – Metode ispitivanja – 5. dio: Određivanje minimalnog vremena prešanja pri navedenim uvjetima (EN 15416-5:2017)
Adhesives for load bearing timber structures other than phenolic and aminoplastic – Test methods – Part 5: Determination of minimum pressing time under referenced conditions (EN 15416-5:2017)
- zamijenjena s: HRN EN 15416-5:2025

HZN/TU I2, Strojarstvo 2

HRN EN ISO 19581:2020 en

Mjerenje radioaktivnosti – Radionuklidi koji emitiraju gama zračenje – Metoda brzog probira pomoću spektrometrije gama zraka i scintilacijskog detektora (ISO 19581:2017; EN ISO 19581:2020)
Measurement of radioactivity – Gamma emitting radionuclides – Rapid screening method using scintillation detector gamma-ray spectrometry (ISO 19581:2017; EN ISO 19581:2020)
- zamijenjena s: HRN EN ISO 19581:2025

HZN/TU N1, Nemetalni materijali 1

HRN EN 15979:2011 en

Ispitivanje keramičkih sirovina i osnovnih materijala – Direktno određivanje masenog udjela nečistoća u prahu i granulama silikon karbida pomoću OES pobuđivanja DC lukom (EN 15979:2011)
Testing of ceramic raw and basic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by OES by DC arc excitation (EN 15979:2011)
- zamijenjena s: HRN EN 15979:2025

HRN EN 15991:2015 en

Ispitivanje keramičkih sirovina i osnovnih materijala – Direktno određivanje masenog udjela nečistoća u prahu i granulama silikon karbida optičkom emisijskom spektrometrijom induktivno spregnutom plazmom (ICP OES) s elektrotermičkim isparavanjem (ETV) (EN 15991:2015)
Testing of ceramic and basic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by inductively coupled plasma optical emission spectrometry (ICP OES) with electrothermal vaporisation (ETV) (EN 15991:2015)
- zamijenjena s: HRN EN 15991:2025

HRN EN 16214-4:2019 en

Kriteriji održivosti za proizvodnju biogoriva i biotekućina za dobivanje energije – Načela, kriteriji, indikatori i sredstva za provjeru – 4. dio: Metode izračuna bilance emisije stakleničkih plinova pomoću pristupa analize životnoga ciklusa (EN 16214-4:2013+A1:2019)
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach (EN 16214-4:2013+A1:2019)
- bez zamjene

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

HRN EN ISO 5832-2:2018 en

Kirurški implantati – Metalni materijali – 2. dio: Nelegirani titan (ISO 5832-2:2018; EN ISO 5832-2:2018)
Implants for surgery – Metallic materials – Part 2: Unalloyed titanium (ISO 5832-2:2018; EN ISO 5832-2:2018)
- zamijenjena s: HRN EN ISO 5832-2:2025

HRI CEN/TR 12401:2015 en
Stomatologija – Upute za razvrstavanje stomatoloških naprava i pribora (CEN/TR 12401:2009)
Dentistry – Guidance on the classification of dental devices and accessories (CEN/TR 12401:2009)
- bez zamjene

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

HRN EN 2484:2008 en
Nizovi o zrakoplovstvu – Snimanje crteža na mikrofilm
– Bušena kartica za mikrofilm od 35 mm (EN 2484:1989)
Aerospace series – Microfilming of drawings – Aperture card for 35 mm microfilm (EN 2484:1989)
- bez zamjene

HRN EN 2575:2008 en
Nizovi o zrakoplovstvu – Snimanje dokumenata – 16 mm mikrofilm (EN 2575:1989)
Aerospace series – Filming of documents – 16 mm microfilm (EN 2575:1989)
- bez zamjene

HRN EN 4162:2016 en
Zrakoplovstvo – Vijci sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4162:2016)
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – Classification: 1100 MPa (at ambient temperature) / 235 °C (EN 4162:2016)
- bez zamjene

HRN EN 4162:2016/lispr.1:2017 en
Zrakoplovstvo – Vijci sa 100° upuštenom normalnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, srednje dužine navoja, od legure čelika, prevučeni kadmijem – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 235 °C (EN 4162:2016/AC:2017)
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – Classification: 1100 MPa (at ambient temperature) / 235 °C (EN 4162:2016/AC:2017)
- bez zamjene

HRN EN 4509:2008 en
Nizovi o zrakoplovstvu – Vijci, 100° sa normalnom upuštenom glavom, s ujednačenim križnim urezom, s navojem do glave, od legure titana, anodizirani, s aluminijski pigmentiranim premazom, metrički nizovi – Klasifikacija: 1100 MPa (pri temperaturi okoline) / 315 °C (EN 4509:2006)
Aerospace series – Screws, 100 countersunk normal head, offset cruciform recess, threaded to head, in titanium alloy, anodized, with aluminium pigmented coating, metric series – Classification: 1100 MPa (at ambient temperature) / 315 °C (EN 4509:2006)
- bez zamjene

HRN EN 12312-15:2022 en
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 15. dio: Traktori za prtljagu i opremu (EN 12312-15:2020+A1:2022)
Aircraft ground support equipment – Specific requirements – Part 15: Baggage and equipment tractors (EN 12312-15:2020+A1:2022)
- zamijenjena s: HRN EN 12312-15:2025

HZN/TU V1, *Elektronika 1*

HRN EN 45544-1:2015 en
Atmosfera radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerenje koncentracije otrovnih plinova i para – 1. dio: Opći zahtjevi i metode ispitivanja (EN 45544-1:2015)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 1: General requirements and test methods (EN 45544-1:2015)
- zamijenjena s: HRN EN IEC 62990-1:2022

HRN EN 45544-2:2015 en
Atmosfera radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerenje koncentracije otrovnih plinova i para – 2. dio: Zahtjevi za izvedbu uređaja koji se upotrebljavaju za upravljanje izloženošću (EN 45544-2:2015)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 2: Performance requirements for apparatus used for exposure management (EN 45544-2:2015)
- zamijenjena s: HRN EN IEC 62990-1:2022

HRN EN 45544-3:2015 en
Atmosfera radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerenje koncentracije otrovnih plinova i para – 3. dio: Zahtjevi za izvedbu uređaja koji se upotrebljavaju za opće otkrivanje plinova (EN 45544-3:2015)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 3: Performance requirements for apparatus used for general gas detection (EN 45544-3:2015)
- zamijenjena s: HRN EN IEC 62990-1:2022

HRN EN 60153-4:2018 en
Šuplji metalni valovodi – 4. dio: Posebne specifikacije za kružne valovode (IEC 60153-4:2017; EN 60153-4:2017)
Hollow metallic waveguides – Part 4: Relevant specifications for circular waveguides (IEC 60153-4:2017; EN 60153-4:2017)
- zamijenjena s: HRN EN IEC 60153-4:2022

HRN EN 60384-19:2016 en
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 19. dio: Sekcijska specifikacija: Fiksni kondenzatori za istosmjerni napon s dielektrikom od metalizirane polietilentetraftalatske folije za površinsku ugradnju (IEC 60384-19:2015; EN 60384-19:2015)
Fixed capacitors for use in electronic equipment – Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (IEC 60384-19:2015; EN 60384-19:2015)
- zamijenjena s: HRN EN IEC 60384-19:2022

HRN EN 60793-1-1:2017 en
Optička vlakna – Dio 1-1: Metode mjerenja i postupci ispitivanja – Općenito i upute (IEC 60793-1-1:2017; EN 60793-1-1:2017)
Optical fibres – Part 1-1: Measurement methods and test procedures – General and guidance (IEC 60793-1-1:2017; EN 60793-1-1:2017)
- zamijenjena s: HRN EN IEC 60793-1-1:2022

HRN EN 61010-2-101:2017 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-101: Posebni zahtjevi za in vitro dijagnostičku (IVD) medicinsku opremu (IEC 61010-2-101:2015; EN 61010-2-101:2017)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-101: Particular requirements for in vitro diagnostic (IVD) medical equipment (IEC 61010-2-101:2015; EN 61010-2-101:2017)
- zamijenjena s: HRN EN IEC 61010-2-101:2022

HRN EN 61300-2-22:2009 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-22: Tests – Change of temperature (IEC 61300-2-22:2007; EN 61300-2-22:2007)
- zamijenjena s: HRN EN IEC 61300-2-22:2024

HRN EN 61340-5-3:2015 en
Elektrostatika – Dio 5-3: Zaštita elektroničkih uređaja od elektrostatičkih pojava – Klasifikacija svojstava i zahtjeva za ambalaže namijenjene za uređaje osjetljive na elektrostatičko pražnjenje (IEC 61340-5-3:2015; EN 61340-5-3:2015)
Electrostatics – Part 5-3: Protection of electronic devices from electrostatic phenomena – Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices (IEC 61340-5-3:2015; EN 61340-5-3:2015)
- zamijenjena s: HRN EN IEC 61340-5-3:2022

HRN EN 61726:2015 en

Sklopovi kabela, kabele, konektori i pasivne mikrovalne komponente – Mjerenje prigušenja zaslona metodom reverberacijske komore (IEC 61726:2015; EN 61726:2015)
Cable assemblies, cables, connectors and passive microwave components – Screening attenuation measurement by the reverberation chamber method (IEC 61726:2015; EN 61726:2015)
- zamijenjena s: HRN EN IEC 61726:2022

HRN EN 61753-051-3:2014 en

Fibre optic interconnecting devices and passive components – Performance standard – Part 051-3: Single-mode fibre, plug style fixed attenuators for category U – Uncontrolled environment (IEC 61753-051-3:2013; EN 61753-051-3:2013)
- bez zamjene

HRS CLC/TS 61836:2010 en

Sustavi solarne fotonaponske energije – Uvjeti, definicije i simboli (IEC/TS 61836:2007; CLC/TS 61836:2009)
Solar photovoltaic energy systems – Terms, definitions and symbols (IEC/TS 61836:2007; CLC/TS 61836:2009)
- bez zamjene

HRN EN 62604-1:2015 en

Duplekseri utvrđene kvalitete s površinskim zvučnim valom (SAW) i dubinskim zvučnim valom (BAW) – 1. dio: Opća specifikacija (IEC 62604-1:2015; EN 62604-1:2015)
Surface acoustic wave (SAW) and bulk acoustic wave (BAW) duplexers of assessed quality – Part 1: Generic specification (IEC 62604-1:2015; EN 62604-1:2015)
- zamijenjena s: HRN EN IEC 62604-1:2022

HRN EN 62759-1:2015 en

Ispitivanje prijevoza fotonaponskih (PV) modula – 1. dio: Prijevoz i otprema paketa fotonaponskih modula (IEC 62759-1:2015; EN 62759-1:2015)
Transportation testing of photovoltaic (PV) modules – Part 1: Transportation and shipping of PV module stacks (IEC 62759-1:2015; EN 62759-1:2015)
- zamijenjena s: HRN EN IEC 62759-1:2022

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 60335-2-77:2013 en

Sigurnost kućanskih i sličnih aparata – Dio 2-77: Posebni zahtjevi za ručno upravljane gurane električne kosilice (IEC 60335-2-77:2002, MOD; EN 60335-2-77:2010)
Safety of household and similar appliances – Part 2-77: Particular requirements for pedestrian-controlled walk-behind electrically powered lawn mowers (IEC 60335-2-77:2002, MOD; EN 60335-2-77:2010)
- zamijenjena s: HRN EN IEC 62841-4-3:2021

HRN EN 60745-2-3:2012 en

Ručni elektromotorni alati – Sigurnost – Dio 2-3: Posebni zahtjevi za brusilice, laštilice i kolutne pjeskarilice (IEC 60745-2-3:2006, MOD+am1:2010, MOD+am1:2010/Corr.:2011; EN 60745-2-3:2011)
Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (IEC 60745-2-3:2006, MOD+am1:2010, MOD+am1:2010/Corr.:2011; EN 60745-2-3:2011)
- zamijenjena s: HRN EN IEC 62841-2-3:2021

HRN EN 60745-2-3:2012/A11:2014 en

Ručni elektromotorni alati – Sigurnost – Dio 2-3: Posebni zahtjevi za brusilice, laštilice i kolutne pjeskarilice (EN 60745-2-3:2011/A11:2014)
Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (EN 60745-2-3:2011/A11:2014)
- zamijenjena s: HRN EN IEC 62841-2-3:2021

HRN EN 60745-2-3:2012/A12:2015 en

Ručni elektromotorni alati – Sigurnost – Dio 2-3: Posebni zahtjevi za brusilice, laštilice i kolutne pjeskarilice (EN 60745-2-3:2011/A12:2014)
Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (EN 60745-2-3:2011/A12:2014)
- zamijenjena s: HRN EN IEC 62841-2-3:2021

HRN EN 60745-2-3:2012/A13:2015 en

Ručni elektromotorni alati – Sigurnost – Dio 2-3: Posebni zahtjevi za brusilice, laštilice i kolutne pjeskarilice (EN 60745-2-3:2011/A13:2015)
Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (EN 60745-2-3:2011/A13:2015)
- zamijenjena s: HRN EN IEC 62841-2-3:2021

HRN EN 60745-2-3:2012/A2:2013 en

Ručni elektromotorni alati – Sigurnost – Dio 2-3: Posebni zahtjevi za brusilice, laštilice i kolutne pjeskarilice (IEC 60745-2-3:2006/am2:2012, MOD; EN 60745-2-3:2011/A2:2013)
Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (IEC 60745-2-3:2006/am2:2012, MOD; EN 60745-2-3:2011/A2:2013)
- zamijenjena s: HRN EN IEC 62841-2-3:2021

HRN EN 60953-2:2008 en

Pravila za prijamna ispitivanja parnih turbina – 2. dio: Metoda B – Široki raspon točnosti za različite tipove i veličine turbina (IEC 60953-2:1990; EN 60953-2:1995)
Rules for steam turbine thermal acceptance tests – Part 2: Method B – Wide range of accuracy for various types and sizes of turbines (IEC 60953-2:1990; EN 60953-2:1995)
- zamijenjena s: HRN EN IEC 60953-0:2022

HRN EN 60953-3:2008 en

Pravila za prijamna ispitivanja parnih turbina – 3. dio: Potvrдна ispitivanja toplinskih značajki obnovljenih parnih turbina (IEC 60953-3:2001; EN 60953-3:2002)
Rules for steam turbine thermal acceptance tests – Part 3: Thermal performance verification tests of retrofitted steam turbines (IEC 60953-3:2001; EN 60953-3:2002)
- zamijenjena s: HRN EN IEC 60953-3:2022

HRN EN 61855:2008 en

Kućanski električni aparati za njegu kose – Ispitne metode za mjerenje radnih značajka (IEC 61855:2003; EN 61855:2003)
Household electrical hair care appliances – Methods of measuring the performance (IEC 61855:2003; EN 61855:2003)
- zamijenjena s: HRN EN IEC 61855:2022

HRN EN 62282-4-101:2015 en

Tehnologija gorivih ćelija – Dio 4-101: Sustavi gorivih ćelija za pogon necestovnih vozila i pomoćnih jedinica za napajanje (APU) – Sigurnost industrijskih kamiona na električni pogon (IEC 62282-4-101:2014; EN 62282-4-101:2014)
Fuel cell technologies – Part 4-101: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) – Safety of electrically powered industrial trucks (IEC 62282-4-101:2014; EN 62282-4-101:2014)
- zamijenjena s: HRN EN IEC 62282-4-101:2022

HRN EN 62619:2017 en

Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sigurnosni zahtjevi za sekundarne litijeve članke i baterije velikog formata za primjenu u industriji (IEC 62619:2017; EN 62619:2017)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for large format secondary lithium cells and batteries for use in industrial applications (IEC 62619:2017; EN 62619:2017)
- zamijenjena s: HRN EN IEC 62619:2022

1.6 Ispravci hrvatskih norma

Obavijest o reaktiviranju norma iz programa rada HZN/TO E23, *Električni instalacijski pribor*

U HZN e-Glasilu 8/2025 povučene su hrvatske norme jer je CENELEC pogreškom povukao europske norme. S obzirom na to da je CENELEC reaktivirao europske norme, odlučeno je da se reaktiviraju hrvatske norme te one ostaju na snazi kao hrvatske norme.

HRN EN 50428:2007
HRN EN 50428:2007/A2:2010
HRN EN 60669-2-1:2007
HRN EN 60669-2-1:2007/A1:2010
HRN EN 60669-2-1:2007/A12:2011
HRN EN 60669-2-1:2007/Ispr.1:2012
HRN EN 60669-2-5:2016

HZN/TO 92, *Zaštita od požara*

- **umjesto**

HRN EN 13501-3:2025

Razredba građevnih proizvoda i građevnih elemenata prema ponašanju u požaru – 3. dio: Razredba prema rezultatima ispitivanja otpornosti na požar proizvoda i elemenata upotrijebljenih u servisnim instalacijama zgrade: **vatrootpornih ventilacijskih kanala i požarnih zatvarača** i/ili energetskih, upravljačkih i komunikacijskih kabela (EN 13501-3:2025)

Fire classification of construction products and building elements – Part 3: Classification using data from fire resistance tests on products and elements used in building service installations: fire resisting ventilation ducts and fire dampers and/or power, control and communication cables (EN 13501-3:2025)

- **treba biti**

HRN EN 13501-3:2025

Razredba građevnih proizvoda i građevnih elemenata prema ponašanju u požaru – 3. dio: Razredba prema rezultatima ispitivanja otpornosti na požar proizvoda i elemenata upotrijebljenih u servisnim instalacijama zgrade: **požarnih ventilacijskih kanala i požarnih zaklopki** i/ili energetskih, upravljačkih i komunikacijskih kabela (EN 13501-3:2025)

Fire classification of construction products and building elements – Part 3: Classification using data from fire resistance tests on products and elements used in building service installations: fire resisting ventilation ducts and fire dampers and/or power, control and communication cables (EN 13501-3:2025)

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

- **umjesto**

HRN EN 17671:2025

Sustavi grijanja i **vodenih sustava** hlađenja u zgradama – Projektiranje vodenih sustava hlađenja (EN 17671:2025)
Heating systems and water-based cooling systems in buildings – Design for water-based cooling systems (EN 17671:2025)

- **treba biti**

HRN EN 17671:2025

Sustavi grijanja i **vodeni sustavi** hlađenja u zgradama – Projektiranje vodenih sustava hlađenja (EN 17671:2025)
Heating systems and water-based cooling systems in buildings – Design for water-based cooling systems (EN 17671:2025)

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

- **umjesto**

HRN EN 60598-2-19:2008

Svjetiljke – 2. dio: Posebni zahtjevi – 19. poglavlje: Svjetiljke s protokom zraka (sigurnosni zahtjevi) (IEC 60598-2-19:1981, MOD+am1:1987, MOD; EN 60598-2-19:1989+A2:1998)

Luminaires – Part 2: Particular requirements – Section 19: Air-handling luminaires (safety requirements) (IEC 60598-2-19:1981, MOD+am1:1987, MOD; EN 60598-2-19:1989+A2:1998)

- **treba biti**

HRN EN 60598-2-19:2008

Svjetiljke – 2. dio: Posebni zahtjevi – 19. poglavlje: Svjetiljke s protokom zraka (sigurnosni zahtjevi) (IEC 60598-2-19:1981, MOD+am1:1987, MOD; EN 60598-2-19:1989)

Luminaires – Part 2: Particular requirements – Section 19: Air-handling luminaires (safety requirements) (IEC 60598-2-19:1981, MOD+am1:1987, MOD; EN 60598-2-19:1989)

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

- **umjesto**

HRN EN ISO 9917-1:2025

Stomatologija – Cementi na bazi vode – 1. dio: Cementi koji se vežu na osnovi kiselo-lužnate reakcije (ISO 9917-1:2025; EN ISO 9917-1:2025)

Dentistry – Water-based cements – Part 1: Acid-base cements (ISO 9917-1:2025; EN ISO 9917-1:2025)

- **treba biti**

HRN EN ISO 9917-1:2025

Stomatologija – Cementi na bazi vode – 1. dio: Cementi koji se vežu na osnovi kiselo-lužnate reakcije (ISO 9917-1:2025, **ispravljena verzija 2025-10**; EN ISO 9917-1:2025)

Dentistry – Water-based cements – Part 1: Acid-base cements (ISO 9917-1:2025, **Corrected version 2025-10**; EN ISO 9917-1:2025)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

HZN/ TU W1, *Energetska elektrotehnika 1*

HRN EN 61811-1:2015 en pr

Elektromehanički telekomunikacijski osnovni releji utvrđene kvalitete – 1. dio: Opća specifikacija i predložak za detaljnu specifikaciju (IEC 61811-1:2015; EN 61811-1:2015)

Electromechanical telecom elementary relays of assessed quality – Part 1: Generic specification and blank detail specification (IEC 61811-1:2015; EN 61811-1:2015)

2 Rezultati mednarodne i evropske normizacije

Evropska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 131-1+A2	Ladders – Part 1: Terms, types, functional sizes	01.040.97; 97.145	kolovoz 2025.
EN 131-2+A3	Ladders – Part 2: Requirements, testing, marking	97.145	kolovoz 2025.
EN 131-3+A1	Ladders – Part 3: Marking and user instructions	97.145	kolovoz 2025.
EN 131-4+A1	Ladders – Part 4: Single or multiple hinge-joint ladders	97.145	kolovoz 2025.
EN 131-6+A1	Ladders – Part 6: Telescopic ladders	97.145	kolovoz 2025.
EN 455-5	Medical gloves for single use – Part 5: Extractable chemical residues	11.140	kolovoz 2025.
EN 1717	Protection against pollution of water intended for human consumption in potable water installations and general requirements for devices to prevent pollution by backflow	13.060.20; 23.060.01; 91.140.60	kolovoz 2025.
EN 2267-002	Aerospace series – Cables, electrical, for general purpose – Operating temperatures between -55 °C and 260 °C – Part 002: General	49.060	kolovoz 2025.
EN 2714-013	Aerospace series – Cables, electrical, single and multicore for general purpose – Operating temperatures between - 55 °C and 260 °C – Part 013: DR family, screened (spiral) and jacketed, UV laser printable – Product standard	49.060	kolovoz 2025.
EN 3155-004	Aerospace series – Electrical contacts used in elements of connection – Part 004: Contacts, electrical, male, type A, crimp, class T – Product standard	49.060	kolovoz 2025.
EN 3155-005	Aerospace series – Electrical contacts used in elements of connection – Part 005: Contacts, electrical, female, type A, crimp, class T – Product standard	49.060	kolovoz 2025.
EN 3155-016	Aerospace series – Electrical contacts used in elements of connection – Part 016: Contacts, electrical, male, type A, crimp, class S – Product standard	49.060	kolovoz 2025.
EN 4604-003	Aerospace series – Cable, electrical, for signal transmission – Part 003: Cable, coaxial, 50 ohms, 200 °C, type WZ – Product standard	49.060	kolovoz 2025.
EN 4604-006	Aerospace series – Cable, electrical, for signal transmission – Part 006: Cable, coaxial, 50 ohms, 200 °C, type WM – Product standard	49.060	kolovoz 2025.
EN 4604-007	Aerospace series – Cable, electrical, for signal transmission – Part 007: Cable, coaxial, 50 ohms, 200 °C, type WN – Product standard	49.060	kolovoz 2025.
EN 4604-008	Aerospace series – Cable, electrical, for signal transmission – Part 008: Cable, coaxial, 50 ohms, 200 °C, Type WD – Product standard	49.060	kolovoz 2025.
EN 6049-009	Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 009: Self-wrapping fire protection sleeve, flexible, post-installation, operating temperature from -55 °C to 260 °C – Product standard	49.060	kolovoz 2025.
EN 13060	Sterilizers for medical purposes – Small steam sterilizers – Requirements and testing	11.080.10	kolovoz 2025.
EN 13206	Plastics – Thermoplastic covering films for use in agriculture and horticulture	65.040.30; 83.140.10	kolovoz 2025.
EN 13207	Plastics – Thermoplastic silage films and tubes for use in agriculture	83.140.10	kolovoz 2025.
EN 13501-3	Fire classification of construction products and building elements – Part 3: Classification using data from fire resistance tests on products and elements used in building service installations: fire resisting ventilation ducts and fire dampers and/or power, control and communication cables	13.220.50	kolovoz 2025.
EN 13616-1	Overfill prevention devices for static tanks for liquid fuels – Part 1: Overfill prevention devices with closure device	75.200	kolovoz 2025.
EN 13655	Plastics – Thermoplastic mulch films recoverable after use, for use in agriculture and horticulture	83.140.10	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
EN 14204	Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants and antiseptics used in the veterinary area – (phase 2, step 1)	71.100.35	kolovoz 2025.
EN 14331	Liquid petroleum products – Separation and characterisation of fatty acid methyl esters (FAME) from middle distillate fuels – Liquid chromatography (LC)/gas chromatography (GC) method	75.080	kolovoz 2025.
CEN/TR 15221-9	Facility Management – Part 9: Study of area and space measurement standards and guidelines used in Europe	03.080.10	kolovoz 2025.
EN 17017-1	Electronic Public Procurement – Fulfilment – Part 1: Choreographies	35.240.63	kolovoz 2025.
EN 17098-1	Plastics – Barrier films for agricultural and horticultural soil disinfection by fumigation – Part 1: Specifications for barrier films	83.140.10	kolovoz 2025.
CEN/TS 17489-5	Personal identification – Secure and interoperable European breeder documents – Part 5: Trust establishment and management processes	35.240.15	kolovoz 2025.
EN 17671	Heating systems and water-based cooling systems in buildings – Design for water-based cooling systems	91.140.30	kolovoz 2025.
EN 17984-2	Assistance dogs – Part 2: Dog lifetime welfare	11.180.99; 65.020.30	kolovoz 2025.
EN 17984-4	Assistance dogs – Part 4: Pre-training, training and tasks	11.180.99; 65.020.30	kolovoz 2025.
EN 18061	Road vehicles – Rechargeable batteries with internal energy storage – Steps, conditions and protocols for the safe repair and re-use and preparation for repurposing of modules and batteries designed for EV applications	43.120	kolovoz 2025.
EN 18065	Plastics – Recycled plastics – Classification of recycled plastics based on Data Quality Levels for use and (digital) trading	13.030.50; 35.240.63; 83.080.01	kolovoz 2025.
EN 18088	Flexible sheets for waterproofing – Plastics recycling and recycled plastics – Plastic waterproofing sheets	13.030.50	kolovoz 2025.
EN 18109	Plastics – Agricultural plastic products – Installation, use, removal, sorting, collection, preparation for recycling and design for recycling guidelines	13.030.50; 65.040.30; 83.140.10	kolovoz 2025.
CEN/TR 18180	Building Acoustics – Data Dictionary	35.240.67	kolovoz 2025.
CWA 18230	Zero Defects Manufacturing – Basic Principles and Requirements	03.100.70; 03.120.10; 35.240.50	kolovoz 2025.
CWA 18248	Sustainable Aviation Fuel (SAF)	03.220.50; 27.190; 75.160.20	kolovoz 2025.
EN ISO 75-3	Plastics – Determination of temperature of deflection under load – Part 3: High-strength thermosetting laminates and long-fibre-reinforced plastics (ISO 75-3:2025)	83.080.10; 83.120	kolovoz 2025.
EN ISO 377/A1	Steel and steel products – Location and preparation of samples and test pieces for mechanical testing – Amendment 1 (ISO 377:2017/Amd 1:2025)	77.040.10	kolovoz 2025.
EN ISO 703	Conveyor belts – Transverse flexibility (troughability) – Test method (ISO 703:2025)	53.040.20	kolovoz 2025.
EN ISO 877-1	Plastics – Methods of exposure to solar radiation – Part 1: General guidance (ISO 877-1:2025)	83.080.01	kolovoz 2025.
EN ISO 877-2	Plastics – Methods of exposure to solar radiation – Part 2: Direct weathering and exposure behind window glass (ISO 877-2:2025)	83.080.01	kolovoz 2025.
EN ISO 3035	Corrugated fibreboard – Determination of flat crush resistance (ISO 3035:2025)	85.080.30	kolovoz 2025.
EN ISO 6877	Dentistry – Endodontic obturating materials (ISO 6877:2025)	11.060.10	kolovoz 2025.
EN ISO 7899-3	Water quality – Enumeration of intestinal enterococci – Part 3: Most probable number method (ISO 7899-3:2025)	07.100.20	kolovoz 2025.
EN ISO 8501-3	Preparation of steel substrates before application of paints and related products – Visual assessment of surface cleanliness – Part 3: Preparation grades of welds, edges and other areas with surface imperfections (ISO 8501-3:2025)	25.220.10	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 8536-16	Infusion equipment for medical use – Part 16: Infusion sets for single use with volumetric infusion controllers (ISO 8536-16:2025)	11.040.20	kolovoz 2025.
EN ISO 8754	Petroleum products – Determination of sulfur content – Energy-dispersive X-ray fluorescence spectrometry (ISO 8754:2025)	75.080	kolovoz 2025.
EN ISO 10286	Gas cylinders – Vocabulary (ISO 10286:2025)	01.040.23; 23.020.35	kolovoz 2025.
EN ISO 10781	Health Informatics – HL7 Electronic Health Records-System Functional Model, Release 2.1 (EHR FM) (ISO 10781:2023)	35.240.80	kolovoz 2025.
EN ISO 10993-23/A1	Biological evaluation of medical devices – Part 23: Tests for irritation – Amendment 1: Additional in vitro reconstructed human epidermis models (ISO 10993-23:2021/Amd 1:2025)	11.100.20	kolovoz 2025.
EN ISO 11125-5	Preparation of steel substrates before application of paints and related products – Test methods for metallic blast-cleaning abrasives – Part 5: Determination of percentage defective particles and of microstructure (ISO 11125-5:2025)	25.220.10	kolovoz 2025.
EN ISO 11126-1	Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast-cleaning abrasives – Part 1: General introduction and classification (ISO 11126-1:2025)	25.220.10	kolovoz 2025.
EN ISO 11350	Water quality – Determination of the genotoxicity of water and waste water – Salmonella/microsome fluctuation test (Ames fluctuation test) (ISO 11350:2012)	13.060.70	kolovoz 2025.
EN ISO 12870	Ophthalmic optics – Spectacle frames – Requirements and test methods (ISO 12870:2024)	11.040.70	kolovoz 2025.
EN ISO 13341	Gas cylinders – Fitting of valves to gas cylinders (ISO 13341:2025)	23.020.35; 23.060.40	kolovoz 2025.
EN ISO 13802	Plastics – Verification of pendulum impact-testing machines – Charpy, Izod and tensile impact-testing (ISO 13802:2025)	83.200	kolovoz 2025.
EN ISO 14405-1	Geometrical product specifications (GPS) – Dimensional tolerancing – Part 1: Linear sizes (ISO 14405-1:2025)	17.040.40	kolovoz 2025.
EN ISO 14555	Welding – Arc stud welding of metallic materials (ISO 14555:2025)	25.160.10	kolovoz 2025.
EN ISO 14607	Non-active surgical implants – Mammary implants – Specific requirements (ISO 14607:2024)	11.040.40	kolovoz 2025.
EN ISO 16140-3/A1	Microbiology of the food chain – Method validation – Part 3: Protocol for the verification of reference methods and validated alternative methods in a single laboratory – Amendment 1: Protocol for verification of validated identification methods of microorganisms (ISO 16140-3:2021/Amd 1:2025)	07.100.30	kolovoz 2025.
EN ISO 16140-4/A2	Microbiology of the food chain – Method validation – Part 4: Protocol for method validation in a single laboratory – Amendment 2: Protocol for single-laboratory validation of identification methods of microorganisms (ISO 16140-4:2020/Amd 2:2025)	07.100.30	kolovoz 2025.
EN ISO 16795	Nuclear energy – Determination of Gd ₂ O ₃ content in pellets containing uranium oxide by X-ray fluorescence spectrometry (ISO 16795:2024)	27.120.30	kolovoz 2025.
EN ISO 17201-4	Acoustics – Noise from shooting ranges – Part 4: Calculation of projectile sound (ISO 17201-4:2025)	17.140.20; 95.020; 97.220.10	kolovoz 2025.
EN ISO 17268-1	Gaseous hydrogen land vehicle refuelling connection devices – Part 1: Flow capacities up to and including 120 g/s (ISO 17268-1:2025)	27.075; 43.060.40	kolovoz 2025.
EN ISO 17523	Health informatics – Requirements for electronic prescriptions (ISO 17523:2025)	35.240.80	kolovoz 2025.
EN ISO 18618	Dentistry – Interoperability of CAD/CAM systems (ISO 18618:2025)	11.060.01	kolovoz 2025.
EN ISO 18984	Ball valves for thermoplastics piping systems for hot and cold water installations under pressure – Types, dimensions and requirements (ISO 18984:2025)	23.060.20	kolovoz 2025.
EN ISO 19152-5	Geographic information – Land Administration Domain Model (LADM) – Part 5: Spatial plan information (ISO 19152-5:2025)	35.240.70	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 19211	Anaesthetic and respiratory equipment – Fire-activated oxygen shut-off devices for use during oxygen therapy (ISO 19211:2024)	11.040.10	kolovoz 2025.
EN ISO 19490	Dentistry – Sinus membrane elevator (ISO 19490:2025)	11.060.25	kolovoz 2025.
EN ISO 19932-1	Equipment for crop protection – Knapsack sprayers – Part 1: Safety and environmental requirements (ISO 19932-1:2025)	65.060.40	kolovoz 2025.
EN ISO 19932-2	Equipment for crop protection – Knapsack sprayers – Part 2: Test methods (ISO 19932-2:2025)	65.060.40	kolovoz 2025.
EN ISO 19932-3	Equipment for crop protection – Knapsack sprayers – Part 3: Inspection of knapsack sprayers in use (ISO 19932-3:2025)	65.060.40	kolovoz 2025.
EN ISO 23908	Sharps injury protection – Sharps protection mechanisms for single-use needles, introducers for catheters and needles used for blood testing, monitoring, sampling and medical substance administration – Requirements and test methods (ISO 23908:2024)	11.040.25	kolovoz 2025.
EN ISO 25089	Leather – Tests for colour fastness – Colour fastness to sea water (ISO 25089:2025)	59.140.30	kolovoz 2025.
EN ISO/ASTM 52953	Additive manufacturing for metals – General principles – Registration of data acquired from process monitoring and for quality control (ISO/ASTM 52953:2025)	25.030	kolovoz 2025.
EN ISO 53800	Guidelines for the promotion and implementation of gender equality and women's empowerment (ISO 53800:2024)	03.100.02	kolovoz 2025.
EN ISO 80000-3/A1	Quantities and units – Part 3: Space and time – Amendment 1 (ISO 80000-3:2019/Amd 1:2025)	1.060	kolovoz 2025.
EN ISO 80000-4/A1	Quantities and units – Part 4: Mechanics – Amendment 1 (ISO 80000-4:2019/Amd 1:2025)	1.060	kolovoz 2025.
EN ISO 80000-5/A1	Quantities and units – Part 5: Thermodynamics – Amendment 1 (ISO 80000-5:2019/Amd1:2025)	01.060; 17.200.01	kolovoz 2025.
EN ISO 80000-8/A1	Quantities and units – Part 8: Acoustics – Amendment 1 (ISO 80000-5:2020/Amd 1:2025)	1.060	kolovoz 2025.
EN ISO 80000-10/A1	Quantities and units – Part 10: Atomic and nuclear physics – Amendment 1 (ISO 80000-10:2019/Amd 1:2025)	1.060	kolovoz 2025.
EN ISO 80000-11/A1	Quantities and units – Part 11: Characteristic numbers – Amendment 1 (ISO 80000-11:2019/Amd 1:2025)	1.060	kolovoz 2025.
EN ISO 80000-12/A1	Quantities and units – Part 12: Condensed matter physics – Amendment 1 (ISO 80000-12:2019/Amd 1:2025)	1.060	kolovoz 2025.

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50122-1/A1	Fixed installations for railway applications – Electrical safety, earthing and the return circuit – Part 1: Protective provisions against electric shock	29.280	kolovoz 2025.
EN 50122-2/A1	Fixed installations for railway applications – Electrical safety, earthing and the return circuit – Part 2: Provisions against the effects of stray currents caused by DC traction systems	29.120.50; 29.280	kolovoz 2025.
EN 50122-3/A1	Fixed installations for railway applications – Electrical safety, earthing and the return circuit – Part 3: Mutual Interaction of AC and DC traction systems	29.120.50; 29.280	kolovoz 2025.
EN 50131-2-8	Alarm systems – Intrusion and hold-up systems – Part 2-8: Requirements for shock detectors	13.320	kolovoz 2025.
EN 50342-6	Lead-acid starter batteries – Part 6: Batteries for micro-cycle applications	29.220.20	kolovoz 2025.
EN IEC 60034-15	Rotating electrical machines – Part 15: Impulse voltage withstand levels of form-wound stator coils for rotating a.c. machines (IEC 60034-15:2025)	29.160.01	kolovoz 2025.
EN IEC 60068-2-88	Environmental testing – Part 2-88: Tests – Test XD: Resistance of components and assemblies to liquid cleaning media (IEC 60068-2-88:2025)	19.040; 31.190	kolovoz 2025.
EN IEC 60112	Method for the determination of the proof and the comparative tracking indices of solid insulating materials (IEC 60112:2025)	19.080; 29.035.01	kolovoz 2025.
EN IEC 60122-2	Quartz crystal units of assessed quality – Part 2: Guidelines for the use (IEC 60122-2:2025)	31.140	kolovoz 2025.
EN IEC 60268-7	Sound system equipment – Part 7: Headphones and earphones (IEC 60268-7:2025)	33.160.50	kolovoz 2025.
EN IEC 60268-16/AC	Sound system equipment – Part 16: Objective rating of speech intelligibility by speech transmission index (IEC 60268-16:2020/COR1:2025)	17.140.50; 33.160.01	kolovoz 2025.
EN IEC 60270	High-voltage test techniques – Charge-based measurement of partial discharges (IEC 60270:2025)	17.220.20; 19.080	kolovoz 2025.
EN IEC 60335-2-120	Household and similar electrical appliances – Safety – Part 2-120: Particular requirements for the safety of appliances for the generation of directly inhalable aerosols (IEC 60335-2-120:2024)	13.120; 65.160; 97.180	kolovoz 2025.
EN IEC 60335-2-120/A11	Household and similar electrical appliances – Safety – Part 2-120: Particular requirements for the safety of appliances for the generation of directly inhalable aerosols	13.120; 65.160; 97.180	kolovoz 2025.
EN IEC 60384-14/A1	Fixed capacitors for use in electronic equipment – Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (IEC 60384-14:2023/AMD1:2025)	31.060.10	kolovoz 2025.
EN IEC 60684-3-281	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 281: Heat-shrinkable, polyolefin sleeving, semiconductive (IEC 60684-3-281:2025)	29.035.20	kolovoz 2025.
EN IEC 60749-34-1	Semiconductor devices – Mechanical and climatic test methods – Part 34-1: Power cycling test for power semiconductor module (IEC 60749-34-1:2025)	31.080.01	kolovoz 2025.
EN IEC 60794-1-124	Optical fibre cables – Part 1-124: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Installation test for microduct cabling, Method E24 (IEC 60794-1-124:2025)	33.180.10	kolovoz 2025.
EN IEC 60794-1-133	Optical fibre cables – Part 1-133: Generic specifications – Basic optical cable test procedures – Mechanical test methods – Multiple cable coiling and uncoiling performance, Method E33 (IEC 60794-1-133:2025)	33.180.10	kolovoz 2025.
EN IEC 60931-1	Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1000 V – Part 1: General (IEC 60931-1:2025)	29.120.99; 31.060.70	kolovoz 2025.
EN IEC 60931-2	Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1000 V – Part 2: Ageing test and destruction test (IEC 60931-2:2025)	29.120.99; 31.060.70	kolovoz 2025.
EN IEC 60974-4	Arc welding equipment – Part 4: Periodic inspection and testing (IEC 60974-4:2025)	25.160.30	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61071	Capacitors for power electronics (IEC 61071:2017)	31.060.70	kolovoz 2025.
EN IEC 61326-2-6	Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-6: Particular requirements – In vitro diagnostic (IVD) medical electrical equipment (IEC 61326-2-6:2025)	11.040.55; 11.100.10; 17.220.20; 25.040.40; 33.100.01; 33.100.20	kolovoz 2025.
EN IEC 61340-4-6	Electrostatics – Part 4-6: Standard test methods for specific applications – Wrist straps (IEC 61340-4-6:2025)	17.200.99; 17.220.20; 29.020; 29.120.50	kolovoz 2025.
EN IEC 61400-6/A1	Wind energy generation systems – Part 6: Tower and foundation design requirements (IEC 61400-6:2020/AMD1:2025)	27.180	kolovoz 2025.
EN IEC 61643-41	Low-voltage surge protective devices – Part 41: Surge protective devices connected to DC low-voltage power systems – Requirements and test methods (IEC 61643-41:2025)	29.120.50; 29.240.10	kolovoz 2025.
EN IEC 61643-41/A11	Low-voltage surge protective devices – Part 41: Surge protective devices connected to DC low-voltage power systems – Requirements and test methods	29.120.50; 29.240.10	kolovoz 2025.
EN IEC 61921	Power capacitors – Low-voltage power factor correction banks (IEC 61921:2017)	31.060.70	kolovoz 2025.
EN IEC 62074-1	Fibre optic interconnecting devices and passive components – Fibre optic WDM devices – Part 1: Generic specification (IEC 62074-1:2025)	33.180.01; 33.180.20	kolovoz 2025.
EN IEC 62198	Managing risk in projects – Application guidelines (IEC 62198:2025)	03.100.01; 03.120.10; 29.020	kolovoz 2025.
EN IEC 62271-103/AC	High-voltage switchgear and controlgear – Part 103: Alternating current switches for rated voltages above 1 kV up to and including 52 kV (IEC 62271-103:2021/COR1:2025)	29.130.10	kolovoz 2025.
EN IEC 62508	Guidance on human aspects of dependability (IEC 62508:2025)	03.120.01; 03.120.10; 13.180; 29.020	kolovoz 2025.
EN IEC 63002	Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices (IEC 63002:2025)	31.020; 35.200	kolovoz 2025.
EN IEC 63267-3-61	Fibre optic interconnecting devices and passive components – Fibre optic connector optical interfaces for enhanced macrobend multimode fibres – Part 3-61: Connector parameters of physically contacting 50 µm core diameter fibres – Non-angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules for reference connection applications (IEC 63267-3-61:2025)	33.180.20	kolovoz 2025.
EN IEC 63267-3-81	Fibre optic interconnecting devices and passive components – Connector optical interfaces for enhanced macro bend multimode fibre – Part 3-81: Connector parameters of physically contacting 50 µm core diameter fibres – Non-angled polyphenylene sulphide rectangular ferrules with a single row of 12, 8, 4, or 2 fibres for reference connector applications (IEC 63267-3-81:2025)	33.180.20	kolovoz 2025.
EN IEC 63297	Sensing devices for non-intrusive load monitoring (NILM) systems (IEC 63297:2025)	17.220.20	kolovoz 2025.
EN IEC 63366	Product category rules for life cycle assessment of electrical and electronic products and systems (IEC 63366:2025)	13.020.01; 13.020.60; 29.100.01; 31.220.01	kolovoz 2025.
EN IEC 63402-1	Energy efficiency – Customer energy management systems – Part 1: General requirements and architecture (IEC 63402-1:2025)	03.100.70; 27.015; 29.020	kolovoz 2025.
EN IEC 63522-2	Electrical relays – Tests and measurements – Part 2: Mechanical tests and weighing (IEC 63522-2:2025)	29.120.70	kolovoz 2025.
EN IEC 63522-29	Electrical relays – Tests and measurements – Part 29: Capacitance (IEC 63522-29:2025)	29.120.70	kolovoz 2025.
EN IEC 63522-45	Electrical relays – Tests and measurements – Part 45: Maximum frequency of operation (IEC 63522-45:2025)	29.120.70	kolovoz 2025.
HD 60364-7-706	Low-voltage electrical installations – Part 7-706: Requirements for special installations or locations – Conducting locations with restricted movement (IEC 60364-7-706:2024)	29.020; 91.140.50	kolovoz 2025.

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 102232-1 V 3.34.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 1: Handover specification for IP delivery	33.040.35	kolovoz 2025.
ETSI TS 102232-4 V 3.8.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 4: Service-specific details for Layer 2 services	33.040.35	kolovoz 2025.
ETSI TS 102657 V 2.6.1	Lawful Interception (LI) – Retained data handling – Handover interface for the request and delivery of retained data	33.040.35	kolovoz 2025.
ETSI TS 103120 V 1.20.1	Lawful Interception (LI) – Interface for warrant information	33.040.35	kolovoz 2025.
ETSI TS 103221-1 V 1.21.1	Lawful Interception (LI) – Internal Network Interfaces – Part 1: X1	33.040.35	kolovoz 2025.
ETSI TS 103221-2 V 1.9.1	Lawful Interception (LI) – Internal Network Interfaces – Part 2: X2/X3	33.040.35	kolovoz 2025.
ETSI TS 103280 V 2.16.1	Lawful Interception (LI) – Dictionary for common parameters	33.040.35	kolovoz 2025.
ETSI TS 103707 V 1.11.1	Lawful Interception (LI) – Handover Interface for HTTP delivery	33.040.35	kolovoz 2025.
ETSI TS 103836-3 V 2.1.1	Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 3: Network Architecture – Release 2	35.240.60	kolovoz 2025.
ETSI TR 103952 V 1.1.1	Smart Body Area Network (SmartBAN) – Brain Computer Interface (BCI)	33.040.40; 35.110	kolovoz 2025.
ETSI TS 103976 V 1.4.1	Interface for Lawful Disclosure of vehicle-related data	33.040.35	kolovoz 2025.
ETSI TR 104139 V 1.1.1	Use of innovative antenna systems within millimetre Wave Transmission and impacts on standards and regulations	33.040.20; 33.060.01; 33.070.99	kolovoz 2025.
ETSI TS 104226 V 10.1.0	Publicly Available Specification (PAS) – Non-RT RIC & A1/R1 interface: Use Cases and Requirements (O-RAN.WG2.Use-Case-Requirements-R004-v10.01)	33.070.01	kolovoz 2025.
ETSI TS 119612 V 2.4.1	Electronic Signatures and Trust Infrastructures (ESI) – Trusted Lists	33.040.01	kolovoz 2025.
ETSI TS 136211 V 18.0.2 *3GPP TS 36.211 Version 18.0.2 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 18.0.2 Release 18)	33.070.50	kolovoz 2025.
ETSI TS 136508 V 18.9.0 *3GPP TS 36.508 Version 18.9.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 18.9.0 Release 18)	33.070.50	kolovoz 2025.
ETSI TS 136521-1 V 18.9.0 *3GPP TS 36.521-1 Version 18.9.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 18.9.0 Release 18)	33.070.50	kolovoz 2025.
ETSI TS 136521-3 V 18.9.0 *3GPP TS 36.521-3 Version 18.9.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 18.9.0 Release 18)	33.070.50	kolovoz 2025.
ETSI TS 136523-1 V 18.9.0 *3GPP TS 36.523-1 Version 18.9.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 18.9.0 Release 18)	33.070.50	kolovoz 2025.
ETSI TS 136523-3 V 18.8.0 *3GPP TS 36.523-3 Version 18.8.0 Release 18	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 18.8.0 Release 18)	33.070.50	kolovoz 2025.
ETSI TS 137571-1 V 18.2.0 *3GPP TS 37.571-1 Version 18.2.0 Release 18	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 18.2.0 Release 18)	33.070.50	kolovoz 2025.
ETSI TS 138101-1 V 18.10.0 *3GPP TS 38.101-1 Version 18.10.0 Release 18	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 18.10.0 Release 18)	33.070.99	kolovoz 2025.
ETSI TS 138101-3 V 15.29.0 *3GPP TS 38.101-3 Version 15.29.0 Release 15	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 15.29.0 Release 15)	33.070.99	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138101-3 V 16.24.0 *3GPP TS 38.101-3 Version 16.24.0 Release 16	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 16.24.0 Release 16)	33.070.99	kolovoz 2025.
ETSI TS 138101-3 V 17.18.0 *3GPP TS 38.101-3 Version 17.18.0 Release 17	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 17.18.0 Release 17)	33.070.99	kolovoz 2025.
ETSI TS 138101-3 V 18.10.0 *3GPP TS 38.101-3 Version 18.10.0 Release 18	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 18.10.0 Release 18)	33.070.99	kolovoz 2025.
ETSI TS 138101-4 V 15.26.0 *3GPP TS 38.101-4 Version 15.26.0 Release 15	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 15.26.0 Release 15)	33.070.99	kolovoz 2025.
ETSI TS 138101-4 V 16.21.0 *3GPP TS 38.101-4 Version 16.21.0 Release 16	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 16.21.0 Release 16)	33.070.99	kolovoz 2025.
ETSI TS 138101-4 V 17.17.0 *3GPP TS 38.101-4 Version 17.17.0 Release 17	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 17.17.0 Release 17)	33.070.99	kolovoz 2025.
ETSI TS 138101-4 V 18.8.0 *3GPP TS 38.101-4 Version 18.8.0 Release 18	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 18.8.0 Release 18)	33.070.99	kolovoz 2025.
ETSI TS 138133 V 17.18.1 *3GPP TS 38.133 Version 17.18.1 Release 17	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 17.18.1 Release 17)	33.070.99	kolovoz 2025.
ETSI TS 138508-1 V 18.7.0 *3GPP TS 38.508-1 Version 18.7.0 Release 18	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Common test environment (3GPP TS 38.508-1 version 18.7.0 Release 18)	33.070.99	kolovoz 2025.
ETSI TS 138521-1 V 18.7.0 *3GPP TS 38.521-1 Version 18.7.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Range 1 standalone (3GPP TS 38.521-1 version 18.7.0 Release 18)	33.070.50; 33.070.99	kolovoz 2025.
ETSI TS 138521-2 V 18.7.0 *3GPP TS 38.521-2 Version 18.7.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Range 2 standalone (3GPP TS 38.521-2 version 18.7.0 Release 18)	33.070.99	kolovoz 2025.
ETSI TS 138521-4 V 18.7.0 *3GPP TS 38.521-4 Version 18.7.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 18.7.0 Release 18)	33.070.99	kolovoz 2025.
ETSI TS 138533 V 18.7.0 *3GPP TS 38.533 Version 18.7.0 Release 18	5G – NR – User Equipment (UE) conformance specification – Radio Resource Management (RRM) (3GPP TS 38.533 version 18.7.0 Release 18)	33.070.50; 33.070.99	kolovoz 2025.
ETSI ES 204009 V 1.1.1	Human Factors (HF) – Requirements for interoperable total conversation services	33.040.01	kolovoz 2025.
ETSI GS CIM 019 V 1.2.1	Context Information Management (CIM) – handling of provenance information in NGSI-LD	35.080; 35.240.01	kolovoz 2025.
ETSI GS F5G 029 V 1.1.1	Fifth Generation Fixed Network (F5G) – Test Specification for Residential FTTR Functionality and Performance	33.040.35	kolovoz 2025.
ETSI GR ISC 002 V 1.1.1	Integrated Sensing And Communications (ISAC) – Channel Modelling, Measurements and Evaluation Methodology	33.040.35; 33.040.40; 35.100.10	kolovoz 2025.
ETSI GR NFV 007 V 5.2.1	Network Functions Virtualisation (NFV) – Release Description – Release 5	33.040.40; 35.110	kolovoz 2025.
ETSI GS MEC 045 V 3.2.1	Multi-access Edge Computing (MEC) – QoS Measurement API	33.070.99	kolovoz 2025.
ETSI GS MEC 046 V 3.2.1	Multi-access Edge Computing (MEC) – Sensor-sharing API	33.070.99	kolovoz 2025.
ETSI GS NFV-IFA 005 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Or-Vi reference point – Interface and Information Model Specification	33.040.40; 35.110	kolovoz 2025.
ETSI GS NFV-IFA 006 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Vi-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	kolovoz 2025.
ETSI GS NFV-IFA 007 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Or-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS NFV-IFA 008 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Ve-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	kolovoz 2025.
ETSI GS NFV-IFA 010 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Functional requirements specification	33.040.40; 35.110	kolovoz 2025.
ETSI GS NFV-IFA 011 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – VNF Descriptor and Packaging Specification	33.040.40; 35.110	kolovoz 2025.
ETSI GS NFV-IFA 013 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Os-Ma-nfvo reference point – Interface and Information Model Specification	33.040.40; 35.110	kolovoz 2025.
ETSI GS NFV-IFA 014 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Network Service Templates Specification	33.040.40; 35.110	kolovoz 2025.
ETSI GS NFV-IFA 027 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Performance Measurements Specification	35.110	kolovoz 2025.
ETSI GS NFV-IFA 031 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Requirements and interfaces specification for management of NFV-MANO	35.110	kolovoz 2025.
ETSI GS NFV-IFA 036 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Requirements for service interfaces and object model for container cluster management and orchestration specification	35.110	kolovoz 2025.
ETSI GS NFV-IFA 045 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Faults and alarms modelling specification	35.110	kolovoz 2025.
ETSI GS NFV-IFA 052 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Interface and Information Model Specification for supporting CIS cluster resource management	35.110	kolovoz 2025.
ETSI GS NFV-IFA 053 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Requirements and interface specification for Physical Infrastructure Management	35.110	kolovoz 2025.
ETSI GS NFV-IFA 055 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Management and Orchestration – Specification of non-functional requirements of reliability	35.110	kolovoz 2025.
ETSI GS NFV-SEC 012 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Security – System architecture specification for execution of sensitive NFV components	35.110	kolovoz 2025.
ETSI GS NFV-SEC 029 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Security – Security Assurance Specification (SCAS) for VIM	35.110	kolovoz 2025.
ETSI GS NFV-SEC 030 V 5.3.1	Network Functions Virtualisation (NFV) Release 5 – Security – Security Assurance Specification (SCAS) for VNFM	35.110	kolovoz 2025.

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 540	Hard coal – Determination of ash fusibility	73.040; 75.160.10	kolovoz 2025.
ISO 602	Coal – Determination of mineral matter	73.040	kolovoz 2025.
ISO 625	Coal and coke – Determination of carbon and hydrogen – Liebig method	73.040; 75.160.10	kolovoz 2025.
ISO 877-1	Plastics – Methods of exposure to solar radiation – Part 1: General guidance	83.080.01	kolovoz 2025.
ISO 1928	Coal and coke – Determination of gross calorific value	73.040; 75.160.10	kolovoz 2025.
ISO 5684	Adhesives – Floor covering adhesives and products for flooring installation – Assessment and classification of low volatile organic compound (VOC) products	83.180	kolovoz 2025.
ISO 5872	Oil and gas industries including lower carbon energy – Pipeline transportation systems – Vocabulary	01.040.75; 75.200	kolovoz 2025.
ISO/PAS 5929	Corrosion of metals and alloys – Test and evaluation method for the corrosion of steel bar embedded in concrete structure exposed to total corrosion zones in marine environments	77.060	kolovoz 2025.
ISO 6182-18	Fire protection – Automatic sprinkler system – Part 18: Requirements and test methods for flexible sprinkler hose	13.220.20	kolovoz 2025.
ISO 6877	Dentistry – Endodontic obturating materials	11.060.10	kolovoz 2025.
ISO 7010 AMD 10	Graphical symbols – Safety colours and safety signs – Registered safety signs – Amendment 10	01.080.10; 01.080.20	kolovoz 2025.
ISO 7207-2	Implants for surgery – Components for partial and total knee joint prostheses – Part 2: Articulating surfaces made of metal, ceramic and plastics materials	11.040.40	kolovoz 2025.
ISO 8203-2	Fibre-reinforced plastic composites – Non-destructive testing – Part 2: Array and air-coupled ultrasonics	83.120	kolovoz 2025.
ISO 8426-1	Hydraulic fluid power – Determination of derived displacement of positive displacement pumps and motors – Part 1: Two-step Toet method	23.100.10	kolovoz 2025.
ISO 8426-2	Hydraulic fluid power – Determination of derived displacement of positive displacement pumps and motors – Part 2: Zero-pressure intercept method	23.100.10	kolovoz 2025.
ISO 8501-3	Preparation of steel substrates before application of paints and related products – Visual assessment of surface cleanliness – Part 3: Preparation grades of welds, edges and other areas with surface imperfections	25.220.10	kolovoz 2025.
ISO 8536-16	Infusion equipment for medical use – Part 16: Infusion sets for single use with volumetric infusion controllers	11.040.20	kolovoz 2025.
ISO 8754	Petroleum products – Determination of sulfur content – Energy-dispersive X-ray fluorescence spectrometry	75.080	kolovoz 2025.
ISO 9059	Solar energy – Calibration of pyrheliometers by comparison to a reference pyrheliometer	27.160	kolovoz 2025.
ISO 9350	Corrosion of metals and alloys – Testing method of corrosion resistance for hafnium at high temperature and pressure	77.060	kolovoz 2025.
ISO 9564-2	Financial services – Personal Identification Number (PIN) management and security – Part 2: Approved algorithms for PIN encipherment	35.240.40	kolovoz 2025.
ISO/IEC 9594-11	Information technology – Open systems interconnection directory – Part 11: Protocol specifications for secure operations	35.100.70	kolovoz 2025.
ISO 9846	Solar energy – Calibration of a pyranometer using a pyrheliometer	27.160	kolovoz 2025.
ISO 10286	Gas cylinders – Vocabulary	01.040.23; 23.020.35	kolovoz 2025.
ISO 10303-242	Industrial automation systems and integration – Product data representation and exchange – Part 242: Application protocol: Managed model-based 3D engineering	35.240.50	kolovoz 2025.
ISO 10471	Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the long-term ultimate bending strain and the long-term ultimate relative ring deflection under wet conditions	23.040.20	kolovoz 2025.
ISO 10785	Space systems – Bellows – Design and operation	49.140	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 10993-12 AMD 1	Biological evaluation of medical devices – Part 12: Sample preparation and reference materials – Amendment 1	11.100.20	kolovoz 2025.
ISO 11265	Environmental solid matrices – Determination of the specific electrical conductivity	13.080.20	kolovoz 2025.
ISO 11431	Building and civil engineering sealants – Determination of adhesion and cohesion properties of sealants after exposure to heat, water and artificial light through glass	91.100.50	kolovoz 2025.
ISO 11465	Sludge and solid environmental matrices – Determination of dry residue or water content and calculation of the dry matter fraction on a mass basis	13.080.20	kolovoz 2025.
ISO 11471	Agricultural tractors and machinery – Coding of remote hydraulic power services and controls	65.060.10	kolovoz 2025.
ISO/IEC 12087-5	Information technology – Image processing and interchange (IPI) functional specification – Part 5: Basic image interchange format (BIIF)	35.140	kolovoz 2025.
ISO 13099-2	Colloidal systems – Methods for zeta-potential determination – Part 2: Optical methods	19.120	kolovoz 2025.
ISO 13110	Cigarettes – Determination of menthol in total particulate matter from mainstream cigarette smoke with a smoking regime according to ISO 3308 (standard smoking regime) – Gas chromatographic method	65.160	kolovoz 2025.
ISO 13155	Refuse collection vehicles – Vocabulary, classification and requirements for commercial specifications	01.040.43; 43.160	kolovoz 2025.
ISO 13165-4	Water quality – Radium-226 – Part 4: Test method using alpha spectrometry	13.060.60; 13.280; 17.240	kolovoz 2025.
ISO 13548	Copper and zinc sulfide concentrates – Determination of fluorine content by sodium hydroxide fusion and fluoride ion selective electrode detection	73.060.99	kolovoz 2025.
ISO 13802	Plastics – Verification of pendulum impact-testing machines – Charpy, Izod and tensile impact-testing	83.200	kolovoz 2025.
ISO/IEC 13818-1	Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems	35.040.40	kolovoz 2025.
ISO 13909-8	Coal and coke – Mechanical sampling – Part 8: Methods of testing for bias	73.040; 75.160.10	kolovoz 2025.
ISO 13916	Welding – Measurement of preheating temperature, interpass temperature and preheat maintenance temperature	25.160.10	kolovoz 2025.
ISO 14246 AMD 1	Gas cylinders – Cylinder valves – Manufacturing tests and examinations – Amendment 1	23.020.35	kolovoz 2025.
ISO 14405-1	Geometrical product specifications (GPS) – Dimensional tolerancing – Part 1: Linear sizes	17.040.40	kolovoz 2025.
ISO/IEC TR 14496-24	Information technology – Coding of audio-visual objects – Part 24: Audio and systems interaction	35.040.40	kolovoz 2025.
ISO 15382	Radiological protection – Procedures for monitoring the dose to the lens of the eye, the skin and the extremities	13.280	kolovoz 2025.
ISO/IEC 15444-16	Information technology – JPEG 2000 image coding system – Part 16: Enhanced encapsulation of JPEG 2000 images into ISO/IEC 14496-12	35.040.30	kolovoz 2025.
ISO 15597	Petroleum and related products – Determination of chlorine and bromine content – Wavelength-dispersive X-ray fluorescence spectrometry	75.080	kolovoz 2025.
ISO 15613	Specification and qualification of welding procedures for metallic materials – Qualification based on a pre-production welding test	25.160.10	kolovoz 2025.
ISO 15614-2	Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 2: Arc welding of aluminium and its alloys	25.160.10	kolovoz 2025.
ISO/IEC TR 16088	Information technology – Computer graphics, image processing and environmental representation – Constructs for visual positioning systems in mixed and augmented reality (MAR)	35.180	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 16140-3 AMD 1	Microbiology of the food chain – Method validation – Part 3: Protocol for the verification of reference methods and validated alternative methods in a single laboratory – Amendment 1: Protocol for verification of validated identification methods of microorganisms	07.100.30	kolovoz 2025.
ISO 16140-4 AMD 2	Microbiology of the food chain – Method validation – Part 4: Protocol for method validation in a single laboratory – Amendment 2: Protocol for single-laboratory validation of identification methods of microorganisms	07.100.30	kolovoz 2025.
ISO 16294	Basic chemical products – Basic chemicals resulting from chemical recycling – General principles	71.080.01	kolovoz 2025.
ISO/IEC 16466	Information technology – 3D printing and scanning – Assessment methods of 3D scanned data use in 3D printing	35.020	kolovoz 2025.
ISO 16484-4	Building automation and control systems (BACS) – Part 4: Control applications	35.240.67; 91.040.01	kolovoz 2025.
ISO 16650	Bead wire	77.140.65	kolovoz 2025.
ISO 16685	Thermal insulating products for industrial installations – Mechanical properties testing at sub-ambient temperatures	91.100.60	kolovoz 2025.
ISO 17268-1	Gaseous hydrogen land vehicle refuelling connection devices – Part 1: Flow capacities up to and including 120 g/s	27.075; 43.060.40	kolovoz 2025.
ISO 17887	Traceability of rare earths in the supply chain from separated products to permanent magnets	03.100.10; 73.060.99; 77.120.99	kolovoz 2025.
ISO 18527-3 AMD 1	Eye and face protection for sports use – Part 3: Requirements and test methods for eyewear intended to be used for surface swimming – Amendment 1	13.340.20; 97.220.30; 97.220.40	kolovoz 2025.
ISO 18618	Dentistry – Interoperability of CAD/CAM systems	11.060.01	kolovoz 2025.
ISO 18960	Security controls and implementation for third party payment service providers – Guidance and requirements	35.240.40	kolovoz 2025.
ISO 18997	Water reuse in urban areas – Guidelines for urban reclaimed water for landscaping uses	13.060.01	kolovoz 2025.
ISO 19152-5	Geographic information – Land Administration Domain Model (LADM) – Part 5: Spatial plan information	35.240.70	kolovoz 2025.
ISO/TS 19206-9	Road vehicles – Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions – Part 9: Requirements for small child targets	43.020	kolovoz 2025.
ISO 19880-7	Gaseous hydrogen – Fuelling stations – Part 7: Rubber O-rings	43.060.40; 71.100.20	kolovoz 2025.
ISO/IEC 20059	Information technology – Methodologies to evaluate the resistance of biometric systems to morphing attacks	35.030; 35.240.15	kolovoz 2025.
ISO 20589	Glass in building – Determination of the emissivity	81.040.20	kolovoz 2025.
ISO 20929	Tools for pressing – Heel guidings in large stamping and forming dies	25.120.10	kolovoz 2025.
ISO/IEC 21000-3	Information technology – Multimedia framework (MPEG-21) – Part 3: Digital Item Identification	35.040.40	kolovoz 2025.
ISO/TS 21056	Recycled aggregate concrete – Additional provisions and guidance for specification, performance, production and execution	91.100.30	kolovoz 2025.
ISO 21100	Air cargo unit load devices – Performance requirements and test parameters	49.100; 49.120	kolovoz 2025.
ISO 21121	Spices and condiments – Dried lime (whole, slices and ground) – Specification	67.080.01	kolovoz 2025.
ISO 21254-1	Lasers and laser-related equipment – Test methods for laser-induced damage threshold – Part 1: Definitions and general principles	01.040.31; 31.260	kolovoz 2025.
ISO 21347	Space systems – Fracture and damage control	49.140	kolovoz 2025.
ISO 21716-4	Ships and marine technology – Bioassay methods for screening anti-fouling paints – Part 4: Algae	13.020.99; 47.020.99	kolovoz 2025.
ISO 22471 AMD 1	Permissible mechanical connection combinations between towed and towing agricultural vehicles – Amendment 1	65.060.10	kolovoz 2025.
ISO 22552	Space systems – Manufacturing readiness review	49.140	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 23001-17 AMD 2	Information technology – MPEG systems technologies – Part 17: Carriage of uncompressed video and images in ISO base media file format – Amendment 2: Generic compression for samples and items in ISOBMFF	35.040.40	kolovoz 2025.
ISO/IEC 23009-8	Information technology – Dynamic adaptive streaming over HTTP (DASH) – Part 8: Session-based DASH operations	35.040.40	kolovoz 2025.
ISO/IEC 23090-32	Information technology – Coded representation of immersive media – Part 32: Carriage of haptics data	35.040.40	kolovoz 2025.
ISO/TS 23359	Nanotechnologies – Chemical characterization of graphene-related two-dimensional materials from powders and liquid dispersions	7.120	kolovoz 2025.
ISO 23505	Petroleum and liquid petroleum products – Calibration of spherical tanks – External electro-optical distance-ranging method	75.180.30	kolovoz 2025.
ISO 24251-1	Prevention of hydrogen assisted brittle fracture of high-strength steel components – Part 1: Fundamentals and measures	25.220.20; 25.220.40	kolovoz 2025.
ISO 24495-2	Plain language – Part 2: Legal communication	01.140.10	kolovoz 2025.
ISO/TS 24929-2	Child care articles – General safety – Part 2: Mechanical hazards	97.190	kolovoz 2025.
ISO/IEC 27018	Information security, cybersecurity and privacy protection – Guidelines for protection of personally identifiable information (PII) in public clouds acting as PII processors	35.030	kolovoz 2025.
ISO 28701	Inland navigation and commercial shipping – Safety and sustainability management systems – Requirements and guidance for use	03.100.70; 03.220.40; 13.020.20	kolovoz 2025.
ISO 30011	Workplace air – Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma mass spectrometry	13.040.30	kolovoz 2025.
ISO/IEC TS 30180	Internet of Things (IoT) – Functional requirements to determine the status of self-quarantine through Internet of Things data interfaces	35.020	kolovoz 2025.
ISO 30414	Human resource management – Requirements and recommendations for human capital reporting and disclosure	03.100.30	kolovoz 2025.
ISO/TS 44007	Collaborative business relationship management – Guidance for ecosystem collaborations	03.100.01; 03.100.70	kolovoz 2025.
ISO/ASTM 52953	Additive manufacturing for metals – General principles – Registration of data acquired from process monitoring and for quality control	25.030	kolovoz 2025.
ISO 80000-9 AMD 1	Quantities and units – Part 9: Physical chemistry and molecular physics – Amendment 1	1.060	kolovoz 2025.

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 60068-2-30	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle)	19.040	kolovoz 2025.
IEC 60068-2-78	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state	19.040; 29.020	kolovoz 2025.
IEC 60079-45	Explosive atmospheres – Part 45: Electrical ignition systems for internal combustion engines	27.020; 29.260.20; 43.060.50	kolovoz 2025.
IEC 60092-501	Electrical installations in ships – Part 501: Special features – Electric propulsion plant	47.020.60	kolovoz 2025.
IEC 60127-9	Miniature fuses – Part 9: Miniature fuse-links for special applications with partial-range breaking capacity	29.120.50	kolovoz 2025.
IEC/TS 60255-216-1	Measuring relays and protection equipment – Part 216-1: Digital interface – General requirements and tests for protection functions using digital communication as input and output	29.120.70	kolovoz 2025.
IEC 60335-1 Interpretation Sheet 2	Household and similar electrical appliances – Safety – Part 1: General requirements; Interpretation Sheet 2	13.120; 97.030	kolovoz 2025.
IEC 60335-2-49 AMD 1	Household and similar electrical appliances – Safety – Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm; Amendment 1	97.030; 97.040.50	kolovoz 2025.
IEC 60335-2-49 Edition 5.1	Household and similar electrical appliances – Safety – Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm	97.030; 97.040.50	kolovoz 2025.
IEC 60335-2-50 AMD 1	Household and similar electrical appliances – Safety – Part 2-50: Particular requirements for commercial electric bains-marie; Amendment 1	97.040.20	kolovoz 2025.
IEC 60335-2-50 Edition 5.1	Household and similar electrical appliances – Safety – Part 2-50: Particular requirements for commercial electric bains-marie	97.040.20	kolovoz 2025.
IEC 60645-7	Electroacoustics – Audiometric equipment – Part 7: Instruments for the measurement of auditory evoked potentials	13.140; 17.140.50	kolovoz 2025.
IEC 60730-2-6	Automatic electrical controls – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements	97.120	kolovoz 2025.
IEC 60730-2-11	Automatic electrical controls – Part 2-11: Particular requirements for energy regulators	97.120	kolovoz 2025.
IEC 60730-2-13	Automatic electrical controls – Part 2-13: Particular requirements for humidity sensing controls	97.120	kolovoz 2025.
IEC 60794-1-110	Optical fibre cables – Part 1-110: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Kink, Method E10	33.180.10	kolovoz 2025.
IEC 60794-1-214	Optical fibre cables – Part 1-214: Generic specification – Basic optical cable test procedures – Environmental test methods – Cable UV resistance test, Method F14	33.180.10	kolovoz 2025.
IEC 60794-1-218	Optical fibre cables – Part 1-218: Generic specification – Basic optical cable test procedures – Environmental test methods – Mid-span temperature cycling test for exposed optical units, Method F18	33.180.10	kolovoz 2025.
IEC 61000-4-34 AMD 2	Electromagnetic compatibility (EMC) – Part 4-34: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase; Amendment 2	33.100.20	kolovoz 2025.
IEC 61000-4-34 Edition 1.2	Electromagnetic compatibility (EMC) – Part 4-34: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase	33.100.20	kolovoz 2025.
IEC/TS 61169-1-7	Radio-frequency connectors – Part 1-7: Electrical test methods – Uncertainty specification of frequency domain test for insertion loss	33.120.30	kolovoz 2025.
IEC 61169-23	Radio-frequency connectors – Part 23: Pin and socket connector for use with 3,5 mm rigid precision coaxial lines with inner diameter of outer conductor of 3,5 mm (0,1378 in)	33.120.30	kolovoz 2025.
IEC 61196-1-128	Coaxial communication cables – Part 1-128: Electrical test methods – Polarization directivity of radiating cable	33.120.10	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61340-4-7	Electrostatics – Part 4-7: Standard test methods for specific applications – Ionization	17.200.99; 17.220.20; 29.020	kolovoz 2025.
IEC 61400-5 AMD 1	Wind energy generation systems – Part 5: Wind turbine blades; Amendment 1	27.180	kolovoz 2025.
IEC 61400-5 Edition 1.1	Wind energy generation systems – Part 5: Wind turbine blades	27.180	kolovoz 2025.
IEC 61496-3	Safety of machinery – Electro-sensitive protective equipment – Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse reflection (AOPDDR)	13.110; 31.260	kolovoz 2025.
IEC/TR 61850-90-20	Communication networks and systems for power utility automation – Part 90-20: Use cases of redundancy in systems	33.040.40; 33.200	kolovoz 2025.
IEC/TS 61857-42	Electrical insulation systems – Procedures for thermal evaluation – Part 42: Specific requirements for evaluation of an electrical insulation system (EIS) used for road transportation applications	29.080.30	kolovoz 2025.
IEC/IEEE 61886-2	Subsea equipment – Part 2: Power transformers	29.180; 47.020.60; 75.180.10	kolovoz 2025.
IEC 61995-1	Devices for the connection of luminaires for household and similar purposes – Part 1: General requirements	29.120.20; 29.140.40; 29.140.99	kolovoz 2025.
IEC 61995-2	Devices for the connection of luminaires for household and similar purposes – Part 2: Standard sheets	29.120.20; 29.140.40	kolovoz 2025.
IEC/TS 62257-301	Renewable energy off-grid systems – Part 301: Generators – Integration of solar with other forms of power generation within hybrid power systems	27.160; 27.190; 29.160.20	kolovoz 2025.
IEC 62386-351	Digital addressable lighting interface – Part 351: Particular requirements – Control devices – Luminaire-mounted control devices	29.140.50; 29.140.99; 35.240.99	kolovoz 2025.
IEC/TR 62433-4-1	EMC IC modelling – Part 4-1: Use of ICIM-CI model to predict the IC conducted immunity in a PCB	31.200	kolovoz 2025.
IEC 62453-1	Field device tool (FDT) interface specification – Part 1: Overview and guidance	25.040.40; 35.100.05; 35.110; 35.160; 35.240.50	kolovoz 2025.
IEC 62541-18	OPC unified architecture – Part 18: Role-Based Security	25.040.40; 35.200; 35.240.50	kolovoz 2025.
IEC 62552-2 AMD 2	Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements; Amendment 2	97.030; 97.040.30	kolovoz 2025.
IEC 62552-2 Edition 1.2	Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements	97.030; 97.040.30	kolovoz 2025.
IEC 62552-3 AMD 2	Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume; Amendment 2	97.030; 97.040.30	kolovoz 2025.
IEC 62552-3 Edition 1.2	Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume	97.030; 97.040.30	kolovoz 2025.
IEC/TS 62586-3	Power quality measurement in power supply systems – Part 3: Maintenance tests, calibration	17.220.20	kolovoz 2025.
IEC/TS 62607-6-35	Nanomanufacturing – Key control characteristics – Part 6-35: Graphene-related products – Density: free-pouring, tapping and compressing method	7.120	kolovoz 2025.
IEC/TS 62607-11-1	Nanomanufacturing – Key control characteristics – Part 11-1: Electromagnetic compatibility – Shielding effectiveness of nanomaterials: near-field probe method	07.030; 07.120	kolovoz 2025.
IEC/TR 62839-1	Environmental declaration – Part 1: Communication wires and cables – Product specific rules	13.020.01; 33.120.10; 33.120.20	kolovoz 2025.
IEC 63093-15	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 15: U-cores	29.100.10	kolovoz 2025.
IEC 63182-6	Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 6: EQ-cores	29.100.10	kolovoz 2025.
IEC 63182-7	Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 7: EER-cores	29.100.10	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 63182-8	Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 8: U-cores	29.100.10	kolovoz 2025.
IEC 63208	Low-voltage switchgear and controlgear and their assemblies – Security requirements	29.130.20; 35.030	kolovoz 2025.
IEC 63241-3-3	Electric motor-operated tools – Dust measurement procedure – Part 3-3: Particular requirements for transportable planers and thicknessers	25.080.25; 25.140.20	kolovoz 2025.
IEC/TS 63263	Winding wires – Test methods – Electrical endurance under high frequency voltage impulses	29.060.10	kolovoz 2025.
IEC SRD 63326	City needs analysis framework	13.020.20; 35.240.99	kolovoz 2025.
IEC SRD 63347-1	Smart city use case collection and analysis – Managing public health emergencies in smart cities – Part 1: High level analysis	03.100.70; 11.020.99; 33.040.60; 35.240.99	kolovoz 2025.
IEC 63522-21	Electrical relays – Tests and measurements – Part 21: Thermal endurance	29.120.70	kolovoz 2025.
IEC 63522-31	Electrical relays – Tests and measurements – Part 31: Magnetic remanence	29.120.70	kolovoz 2025.
IEC 63522-33	Electrical relays – Tests and measurements – Part 33: Continuity of protective earthing connection	29.120.70	kolovoz 2025.
IEC 63522-34	Electrical relays – Tests and measurements – Part 34: Fluid contamination	29.120.70	kolovoz 2025.
IEC 63522-54	Electrical relays – Tests and measurements – Part 54: Critical DC load current test	29.120.70	kolovoz 2025.
IEC/TS 63527	Safe management and operation of electrical installations	29.260.10; 91.140.01; 91.140.50	kolovoz 2025.
ISO/IEC 9594-11	Information technology – Open systems interconnection directory – Part 11: Protocol specifications for secure operations	35.100.70	kolovoz 2025.
ISO/IEC 12087-5	Information technology – Image processing and interchange (IPI) functional specification – Part 5: Basic image interchange format (BIIF)	35.140	kolovoz 2025.
ISO/IEC 13818-1	Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems	35.040.40	kolovoz 2025.
ISO/IEC TR 14496-24	Information technology – Coding of audio-visual objects – Part 24: Audio and systems interaction	35.040.40	kolovoz 2025.
ISO/IEC 15444-16	Information technology – JPEG 2000 image coding system – Part 16: Enhanced encapsulation of JPEG 2000 images into ISO/IEC 14496-12	35.040.30	kolovoz 2025.
ISO/IEC TR 16088	Information technology – Computer graphics, image processing and environmental representation – Constructs for visual positioning systems in mixed and augmented reality (MAR)	35.180	kolovoz 2025.
ISO/IEC 16466	Information technology – 3D printing and scanning – Assessment methods of 3D scanned data use in 3D printing	35.020	kolovoz 2025.
ISO/IEC 20059	Information technology – Methodologies to evaluate the resistance of biometric systems to morphing attacks	35.030; 35.240.15	kolovoz 2025.
ISO/IEC 21000-3	Information technology – Multimedia framework (MPEG-21) – Part 3: Digital Item Identification	35.040.40	kolovoz 2025.
ISO/IEC 23001-17 AMD 2	Information technology – MPEG systems technologies – Part 17: Carriage of uncompressed video and images in ISO base media file format – Amendment 2: Generic compression for samples and items in ISO/BMFF	35.040.40	kolovoz 2025.
ISO/IEC 23009-8	Information technology – Dynamic adaptive streaming over HTTP (DASH) – Part 8: Session-based DASH operations	35.040.40	kolovoz 2025.
ISO/IEC 23090-32	Information technology – Coded representation of immersive media – Part 32: Carriage of haptics data	35.040.40	kolovoz 2025.
ISO/TS 23359	Nanotechnologies – Chemical characterization of graphene-related two-dimensional materials from powders and liquid dispersions	7.120	kolovoz 2025.

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 27018	Information security, cybersecurity and privacy protection – Guidelines for protection of personally identifiable information (PII) in public clouds acting as PII processors	35.030	kolovoz 2025.
ISO/IEC TS 30180	Internet of Things (IoT) – Functional requirements to determine the status of self-quarantine through Internet of Things data interfaces	35.020	kolovoz 2025.
ISO 80000-9 AMD 1	Quantities and units – Part 9: Physical chemistry and molecular physics – Amendment 1	1.060	kolovoz 2025.