

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

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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 8, *Brodogradnja*

HRN EN ISO 12216:2022/A11:2023 en pr
Mala plovila – Prozori, okna, grotlašca, vidnici i vrata – Zahtjevi za čvrstoću i vodonepropusnost (EN ISO 12216:2022/A11:2023)
Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements (EN ISO 12216:2022/A11:2023)

HRN EN ISO 13297:2021/A11:2023 en pr
Mala plovila – Električni sustavi – Instalacije za izmjeničnu i istosmjernu struju (EN ISO 13297:2021/A11:2023)
Small craft – Electrical systems – Alternating and direct current installations (EN ISO 13297:2021/A11:2023)

HRN EN ISO 15083:2020/A11:2023 en pr
Mala plovila – Sustavi za pražnjenje kaljuže (EN ISO 15083:2020/A11:2023)
Small craft – Bilge-pumping systems (EN ISO 15083:2020/A11:2023)

HRN EN ISO 25197:2020/A11:2023 en pr
Mala plovila – Električni/elektronički upravljački sustavi za kormilarenje, ukapčanje spojke i regulator brzine vrtnje (EN ISO 25197:2020/A11:2023)
Small craft – Electrical/electronic control systems for steering, shift and throttle (EN ISO 25197:2020/A11:2023)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN 589:2022/NA:2023 hr izv
Goriva za motorna vozila – UNP – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – LPG – Requirements and test methods – National Annex

HRN EN 590:2022/NA:2023 hr izv
Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – Diesel – Requirements and test methods – National Annex

HRN EN 14214:2019/NA:2023 hr izv
Tekući naftni proizvodi – Metilni esteri masnih kiselina (FAME) za dizelske motore i grijanje – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Liquid petroleum products – Fatty acid methyl esters (FAME) for use in diesel engines and heating applications – Requirements and test methods – National Annex

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 8586:2023 en pr
Senzorske analize – Odabir i obuka senzorskih ocjenjivača (ISO 8586:2023; EN ISO 8586:2023)
Sensory analysis – Selection and training of sensory assessors (ISO 8586:2023; EN ISO 8586:2023)

HZN/TO 120, *Koža i obuća*

HRN EN 17848:2023 en pr
Koža – Kemikalije – Kontrola kvalitete (EN 17848:2023)
Leather – Chemicals – Quality control (EN 17848:2023)

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 10651-4:2023 en pr
Plućni respiratori – 4. dio: Posebni zahtjevi za balone za ručnu ventilaciju pogonjene ljudskom snagom (ISO 10651-4:2023; EN ISO 10651-4:2023)
Lung ventilators – Part 4: Particular requirements for user-powered resuscitators (ISO 10651-4:2023; EN ISO 10651-4:2023)

HZN/TO 126, *Duhan i duhanski proizvodi*

HRS ISO/TS 3550-3:2023 en pr
Cigarete – Određivanje gubitka duhana iz krajeva cigarete – 3. dio: Metoda vibracijskog stola (ISO/TS 3550-3:2015)
Cigarettes – Determination of loss of tobacco from the ends – Part 3: Method using a vibro-bench (ISO/TS 3550-3:2015)

HZN/TO 136, *Namještaj*

HRN EN 13721:2023 en pr
Namještaj – Ocjenjivanje stupnja refleksije površine (EN 13721:2023)
Furniture – Assessment of the surface reflectance (EN 13721:2023)

HRN EN 16611:2023 en pr
Namještaj – Procjena otpornosti površine na mikroogrebotine (EN 16611:2023)
Furniture – Assessment of the surface resistance to microscratching (EN 16611:2023)

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

HRN EN 549:2023 en pr
Elastomerni materijali za brtve i membrane za plinske uređaje i plinsku opremu (EN 549:2019+A1:2023)
Rubber materials for seals and diaphragms for gas appliances and gas equipment (EN 549:2019+A1:2023)

HRN EN 1401-1:2023 en pr
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Neomekšani poli(vinil-klorid) (PVC-U) – 1. dio: Specifikacije za cijevi, spojnice i sustav (EN 1401-1:2019+A1:2023)
Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U) – Part 1: Specifications for pipes, fittings and the system (EN 1401-1:2019+A1:2023)

HZN/TO 146, *Kvaliteta zraka*

HRN EN 17255-4:2023 en pr
Emisije iz nepokretnih izvora – Sustavi za prikupljanje i obradu podataka – 4. dio: Specifikacija zahtjeva za instalaciju i kontinuirano osiguranje i kontrolu kvalitete sustava za prikupljanje i obradu podataka (EN 17255-4:2023)
Stationary source emissions – Data acquisition and handling systems – Part 4: Specification of requirements for the installation and on-going quality assurance and quality control of data acquisition and handling systems (EN 17255-4:2023)

HZN/TO 182, *Geotehničke konstrukcije*

HRN EN ISO 22476-5:2023 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 5. dio: Ispitivanje savitljivim dilatometrom (ISO 22476-5:2023; EN ISO 22476-5:2023)
Geotechnical investigation and testing – Field testing – Part 5: Prebored pressuremeter test (ISO 22476-5:2023; EN ISO 22476-5:2023)

HZN/TO 211, *Geoinformacije/Geomatika*

HRN EN ISO 19157-1:2023 en pr
Geoinformacije – Kvaliteta podataka – 1. dio: Opći zahtjevi (ISO 19157-1:2023; EN ISO 19157-1:2023)
Geographic information – Data quality – Part 1: General requirements (ISO 19157-1:2023; EN ISO 19157-1:2023)

HZN/TO 218, Drvo

HRN EN 351-1:2023 en pr
Trajnost drva i proizvoda na osnovi drva – Masivno drvo tretirano sredstvima za zaštitu drva – 1. dio: Klasifikacija penetracije i retencije zaštitnog sredstva (EN 351-1:2023)
Durability of wood and wood-based products – Preservative-treated solid wood – Part 1: Classification of preservative penetration and retention (EN 351-1:2023)

HRN EN 351-2:2023 en pr
Trajnost drva i proizvoda na osnovi drva – Masivno drvo tretirano sredstvima za zaštitu drva – 2. dio: Smjernice za uzorkovanje drva tretiranog zaštitnim sredstvima za analizu (EN 351-2:2023)
Durability of wood and wood-based products – Preservative-treated solid wood – Part 2: Guidance on sampling for the analysis of preservative-treated wood (EN 351-2:2023)

HZN/TO 503, Metalni materijali

HRN EN ISO 4491-1:2023 en pr
Metalni prah – Određivanje udjela kisika redukcijskom metodom – 1. dio: Opće smjernice (ISO 4491-1:2023; EN ISO 4491-1:2023)
Metallic powders – Determination of oxygen content by reduction methods – Part 1: General guidelines (ISO 4491-1:2023; EN ISO 4491-1:2023)

HRN EN ISO 4491-2:2023 en pr
Metalni prah – Određivanje udjela kisika redukcijskom metodom – 2. dio: Gubitak mase redukcijom vodika (gubitak vodika) (ISO 4491-2:2023; EN ISO 4491-2:2023)
Metallic powders – Determination of oxygen content by reduction methods – Part 2: Loss of mass on hydrogen reduction (hydrogen loss) (ISO 4491-2:2023; EN ISO 4491-2:2023)

HRN EN 10359:2023 en pr
Laserski zavareni umeci, krojeni po mjeri – Tehnički uvjeti isporuke (EN 10359:2023)
Laser welded tailored blanks – Technical delivery conditions (EN 10359:2023)

HZN/TO 516, Usluge prijevoza

HRN EN ISO 14083:2023 en pr
Staklenički plinovi – Kvantificiranje i izvješćivanje o emisijama stakleničkih plinova iz poslovanja transportnih lanaca (ISO 14083:2023; EN ISO 14083:2023)
Greenhouse gases – Quantification and reporting of greenhouse gas emissions arising from transport chain operations (ISO 14083:2023; EN ISO 14083:2023)

HZN/TO 521, Usluge održavanja

HRN EN ISO 41015:2023 en pr
Upravljanje objektima (Facility management) – Djelovanja na organizacijska ponašanja radi poboljšanja ishoda rada objekta (ISO 41015:2023; EN ISO 41015:2023)
Facility management – Influencing organizational behaviours for improved facility outcomes (ISO 41015:2023; EN ISO 41015:2023)

HZN/TO 522, Gospodarenje otpadom i karakterizacija mulja

HRN EN 1501-4:2023 en pr
Vozila za skupljanje otpada – Opći i sigurnosni zahtjevi – 4. dio: Ispitivanja buke za vozila za skupljanje otpada (EN 1501-4:2023)
Refuse collection vehicles – General requirements and safety requirements – Part 4: Noise test code for refuse collection vehicles (EN 1501-4:2023)

HRN EN 17367:2023 en pr
Gospodarenje otpadom – Prijenos podataka između sustava upravljanja komunikacijama i pozadinskog sustava za stalne spremnike za skupljanje otpada – Specifikacija funkcija i semantički model podataka (EN 17367:2023)
Waste Management – Data communication between communication management system and the back office system for stationary waste collection containers – Functional specification and the semantic data model (EN 17367:2023)

HZN/TO 524, Inteligentni transportni sustavi

HRN ISO 14813-5:2023 en pr
Inteligentni transportni sustavi – Referentni model arhitekture ITS sektora – 5. dio: Zahtjevi opisa arhitekture u ITS normama (ISO 14813-5:2020)
Intelligent transport systems – Reference model architecture(s) for the ITS sector – Part 5: Requirements for architecture description in ITS standards (ISO 14813-5:2020)

HRN EN ISO 21177:2023 en pr
Inteligentni transportni sustavi – Sigurnosne usluge ITS stanice za sigurno uspostavljanje sesije i provjeru autentičnosti između pouzdanih uređaja (ISO 21177:2023; EN ISO 21177:2023)
Intelligent transport systems – ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2023; EN ISO 21177:2023)

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

HRN EN ISO 283:2023 en pr
Tekstilne transportne trake – Vlačna čvrstoća pri punoj debljini, izduženje pri prekidu i izduženje pri referentnom opterećenju – Metoda ispitivanja (ISO 283:2023; EN ISO 283:2023)
Textile conveyor belts – Full thickness tensile strength, elongation at break and elongation at the reference load – Test method (ISO 283:2023; EN ISO 283:2023)

HZN/TO 531, Plastika i guma

HRN EN ISO 527-4:2023 en pr
Plastika – Određivanje rasteznih svojstava – 4. dio: Uvjeti ispitivanja izotropnih i ortotropnih plastičnih kompozita ojačanih vlaknima (ISO 527-4:2023; EN ISO 527-4:2023)
Plastics – Determination of tensile properties – Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites (ISO 527-4:2023; EN ISO 527-4:2023)

HRN EN ISO 5774:2023 en pr
Plastična crijeva – Tekstilom ojačani tipovi za uporabu pri djelovanju stlačenog zraka – Specifikacija (ISO 5774:2023; EN ISO 5774:2023)
Plastics hoses – Textile-reinforced types for compressed-air applications – Specification (ISO 5774:2023; EN ISO 5774:2023)

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-4:2023 en pr
Bitumenske mješavine – Metode ispitivanja – 4. dio: Izdvajanje bitumena: frakcijska kolona (EN 12697-4:2023)
Bituminous mixtures – Test methods – Part 4: Bitumen recovery: Fractionating column (EN 12697-4:2023)

HRN EN 12697-43:2023 en pr
Bitumenske mješavine – Metode ispitivanja – 43. dio: Otpornost na gorivo (EN 12697-43:2023)
Bituminous mixtures – Test methods – Part 43: Resistance to fuel (EN 12697-43:2023)

HZN/TO 543, Poštanske usluge

HRN EN ISO 19160-4:2023 en pr
Adresiranje – 4. dio: Sastavnice i jezični predlošci za međunarodne poštanske adrese (ISO 19160-4:2023; EN ISO 19160-4:2023)
Addressing – Part 4: International postal address components and template language (ISO 19160-4:2023; EN ISO 19160-4:2023)

HZN/TO 551, Gradnja

HRN EN 15434-1:2023 en pr
Brtvna ljepila – 1. dio: Brtvna ljepila za strukturalno ostakljenje (EN 15434-1:2023)
Bonding sealants – Part 1: Bonded glazing sealants (EN 15434-1:2023)

HRN EN 17549-2:2023 en pr
Building information modelling – Information structure based on EN ISO 16739-1 to exchange data templates and data sheets for construction objects – Part 2: Configurable construction objects and requirements (EN 17549-2:2023)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 11137-2:2015/A1:2023 en pr
Sterilizacija proizvoda za zdravstvenu skrb – Zračenje – 2. dio: Utemeljenje doze za sterilizaciju (ISO 11137-2:2013/Amd 1:2022; EN ISO 11137-2:2015/A1:2023)
Sterilization of health care products – Radiation – Part 2: Establishing the sterilization dose (ISO 11137-2:2013/Amd 1:2022; EN ISO 11137-2:2015/A1:2023)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 1384:2023 en pr
Kacige za konjičke aktivnosti (EN 1384:2023)
Helmets for equestrian activities (EN 1384:2023)

HZN/TO 557, Zaštitna odjeća

HRN EN 14058:2023 en pr
Zaštitna odjeća – Odjevni predmeti za zaštitu od hladne okoline (EN 14058:2017+A1:2023)
Protective clothing – Garments for protection against cool environments (EN 14058:2017+A1:2023)

HZN/TO 560, Tekstilni proizvodi

HRS CEN/TS 17553:2023 en pr
Tekstil i tekstilni proizvodi – Maske za lice za građanstvo – Minimalni zahtjevi, metode ispitivanja i upotreba (CEN/TS 17553:2022)
Textiles and textile products – Community face coverings – Minimum requirements, methods of testing and use (CEN/TS 17553:2022)

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

HRN EN 13445-4:2021/A1:2023 en pr
Neložene posude pod tlakom – 4. dio: Proizvodnja (EN 13445-4:2021/A1:2023)
Unfired pressure vessels – Part 4: Fabrication (EN 13445-4:2021/A1:2023)

HZN/TO 569, Hrana za životinje

HRN EN 17853:2023 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje intaktnih glukozinolata u krmivima i krmnim smjesama metodom LC-MS/MS (EN 17853:2023)
Animal feeding stuff: Methods of sampling and analysis – Determination of intact glucosinolates in feed materials and compound feed by LC-MS/MS (EN 17853:2023)

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

HRN EN 564:2023 en pr
Planinarska oprema – Pomoćna užad – Sigurnosni zahtjevi i metode ispitivanja (EN 564:2023)
Mountaineering equipment – Accessory cords – Safety requirements and test methods (EN 564:2023)

HRN EN 892:2023 en pr
Planinarska oprema – Dinamička užad – Sigurnosni zahtjevi i metode ispitivanja (EN 892:2012+A3:2023)
Mountaineering equipment – Dynamic mountaineering ropes – Safety requirements and test methods (EN 892:2012+A3:2023)

HRN EN 13089:2023 en pr
Planinarska oprema – Oruđe za led – Sigurnosni zahtjevi i metode ispitivanja (EN 13089:2011+A3:2023)
Mountaineering equipment – Ice-tools – Safety requirements and test methods (EN 13089:2011+A3:2023)

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

HRN EN ISO/IEC 29146:2023 en pr
Informacijska tehnologija – Sigurnosne tehnike – Okvir upravljanja pristupom (ISO/IEC 29146:2016, uključujući Amd 1:2022; EN ISO/IEC 29146:2023)
Information technology – Security techniques – A framework for access management (ISO/IEC 29146:2016, including Amd 1:2022; EN ISO/IEC 29146:2023)

HRN EN ISO/IEC 29184:2023 en pr
Informacijska tehnologija – Obavijesti o zaštiti privatnosti i traženje privole u internetskom okruženju (ISO/IEC 29184:2020; EN ISO/IEC 29184:2023)
Information technology – Online privacy notices and consent (ISO/IEC 29184:2020; EN ISO/IEC 29184:2023)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 62271-110:2023 en pr
Visokonaponska sklopna aparatura – 110. dio: Sklapanje induktivnih tereta (IEC 62271-110:2023; EN IEC 62271-110:2023)
High-voltage switchgear and controlgear – Part 110: Inductive load switching (IEC 62271-110:2023; EN IEC 62271-110:2023)

HZN/TO E23, Električni instalacijski pribor

HRN EN 60670-24:2013/A11:2023 en pr
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 24. dio: Posebni zahtjevi za kućišta za smještaj zaštitnih uređaja i ostale električne opreme s disipacijom snage (EN 60670-24:2013/A11:2023)
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment (EN 60670-24:2013/A11:2023)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 50705:2023 en pr
Rasvjetna oprema s radiokomunikacijom – Zahtjevi za sigurnost (EN 50705:2023)
Lighting equipment with radio communication – Safety requirements (EN 50705:2023)

HRN EN IEC 62386-150:2023 en pr
Digitalno upravljanje rasvjetom – 150. dio: Posebni zahtjevi – Pomoćni izvor napajanja (IEC 62386-150:2023; EN IEC 62386-150:2023)
Digital addressable lighting interface – Part 150: Particular requirements – Auxiliary power supply (IEC 62386-150:2023; EN IEC 62386-150:2023)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-2-34:2023 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-34: Posebni zahtjevi za motorne kompresore (IEC 60335-2-34:2021; EN IEC 60335-2-34:2023)
Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors (IEC 60335-2-34:2021; EN IEC 60335-2-34:2023)

HRN EN IEC 60335-2-34:2023/A11:2023 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-34: Posebni zahtjevi za motorne kompresore (EN IEC 60335-2-34:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors (EN IEC 60335-2-34:2023/A11:2023)

HRN EN IEC 60335-2-40:2023 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-40: Posebni zahtjevi za električne dizalice topline, klima-uređaje i sušila zraka (IEC 60335-2-40:2018; EN IEC 60335-2-40:2023)
Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (IEC 60335-2-40:2018; EN IEC 60335-2-40:2023)

HRN EN IEC 60335-2-40:2023/A11:2023 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-40: Posebni zahtjevi za električne dizalice topline, klima-uređaje i sušila zraka (EN IEC 60335-2-40:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (EN IEC 60335-2-40:2023/A11:2023)

HRN EN IEC 60335-2-75:2023 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-75: Posebni zahtjevi za ugostiteljske raspodjelne aparate i prodajne automate (IEC 60335-2-75:2012; EN IEC 60335-2-75:2023)
Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines (IEC 60335-2-75:2012; EN IEC 60335-2-75:2023)

HRN EN IEC 60335-2-75:2023/A11:2023 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-75: Posebni zahtjevi za ugostiteljske raspodjelne aparate i prodajne automate (EN IEC 60335-2-75:2023/A11:2023)
Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines (EN IEC 60335-2-75:2023/A11:2023)

HRN EN IEC 60335-2-75:2023/A1:2023 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-75: Posebni zahtjevi za ugostiteljske raspodjelne aparate i prodajne automate (IEC 60335-2-75:2012/am1:2015; EN IEC 60335-2-75:2023/A1:2023)
Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines (IEC 60335-2-75:2012/am1:2015; EN IEC 60335-2-75:2023/A1:2023)

HRN EN IEC 60335-2-75:2023/A2:2023 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-75: Posebni zahtjevi za ugostiteljske raspodjelne aparate i prodajne automate (IEC 60335-2-75:2012/am2:2018; EN IEC 60335-2-75:2023/A2:2023)
Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines (IEC 60335-2-75:2012/am2:2018; EN IEC 60335-2-75:2023/A2:2023)

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

HRN EN IEC 61158-1:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – 1. dio: Pregled i smjernice za niz norma IEC 61158 i IEC 61784 (IEC 61158-1:2023; EN IEC 61158-1:2023)
Industrial communication networks – Fieldbus specifications – Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series (IEC 61158-1:2023; EN IEC 61158-1:2023)

HRN EN IEC 61158-2:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – 2. dio: Specifikacija fizičkog sloja OSI referentnog modela i definicija usluge (IEC 61158-2:2023; EN IEC 61158-2:2023)
Industrial communication networks – Fieldbus specifications – Part 2: Physical layer specification and service definition (IEC 61158-2:2023; EN IEC 61158-2:2023)

HRN EN IEC 61158-3-2:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-2: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 2 (IEC 61158-3-2:2023; EN IEC 61158-3-2:2023)
Industrial communication networks – Fieldbus specifications – Part 3-2: Data-link layer service definition – Type 2 elements (IEC 61158-3-2:2023; EN IEC 61158-3-2:2023)

HRN EN IEC 61158-3-24:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-24: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 24 (IEC 61158-3-24:2023; EN IEC 61158-3-24:2023)
Industrial communication networks – Fieldbus specifications – Part 3-24: Data-link layer service definition – Type 24 elements (IEC 61158-3-24:2023; EN IEC 61158-3-24:2023)

HRN EN IEC 61158-3-28:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-28: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 28 (IEC 61158-3-28:2023; EN IEC 61158-3-28:2023)
Industrial communication networks – Fieldbus specifications – Part 3-28: Data-link layer service definition – Type 28 elements (IEC 61158-3-28:2023; EN IEC 61158-3-28:2023)

HRN EN IEC 61158-3-4:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-4: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 4 (IEC 61158-3-4:2023; EN IEC 61158-3-4:2023)
Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements (IEC 61158-3-4:2023; EN IEC 61158-3-4:2023)

HRN EN IEC 61158-4-21:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-21: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 21 (IEC 61158-4-21:2023; EN IEC 61158-4-21:2023)
Industrial communication networks – Fieldbus specifications – Part 4-21: Data-link layer protocol specification – Type 21 elements (IEC 61158-4-21:2023; EN IEC 61158-4-21:2023)

HRN EN IEC 61158-4-2:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-2: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 2 (IEC 61158-4-2:2023; EN IEC 61158-4-2:2023)
Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements (IEC 61158-4-2:2023; EN IEC 61158-4-2:2023)

HRN EN IEC 61158-4-24:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-24: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 24 (IEC 61158-4-24:2023; EN IEC 61158-4-24:2023)
Industrial communication networks – Fieldbus specifications – Part 4-24: Data-link layer protocol specification – Type 24 elements (IEC 61158-4-24:2023; EN IEC 61158-4-24:2023)

HRN EN IEC 61158-4-28:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-28: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 28 (IEC 61158-4-28:2023; EN IEC 61158-4-28:2023)
Industrial communication networks – Fieldbus specifications – Part 4-28: Data-link layer protocol specification – Type 28 elements (IEC 61158-4-28:2023; EN IEC 61158-4-28:2023)

HRN EN IEC 61158-4-4:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-4: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 4 (IEC 61158-4-4:2023; EN IEC 61158-4-4:2023)
Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2023; EN IEC 61158-4-4:2023)

HRN EN IEC 61158-5-10:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-10: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 10 (IEC 61158-5-10:2023; EN IEC 61158-5-10:2023)
Industrial communication networks – Fieldbus specifications – Part 5-10: Application layer service definition – Type 10 elements (IEC 61158-5-10:2023; EN IEC 61158-5-10:2023)

HRN EN IEC 61158-5-2:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-2: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 2 (IEC 61158-5-2:2023; EN IEC 61158-5-2:2023)
Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements (IEC 61158-5-2:2023; EN IEC 61158-5-2:2023)

HRN EN IEC 61158-5-23:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-23: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 23 (IEC 61158-5-23:2023; EN IEC 61158-5-23:2023)
Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23 elements (IEC 61158-5-23:2023; EN IEC 61158-5-23:2023)

HRN EN IEC 61158-5-24:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-24: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 24 (IEC 61158-5-24:2023; EN IEC 61158-5-24:2023)
Industrial communication networks – Fieldbus specifications – Part 5-24: Application layer service definition – Type 24 elements (IEC 61158-5-24:2023; EN IEC 61158-5-24:2023)

HRN EN IEC 61158-5-26:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-26: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 26 (IEC 61158-5-26:2023; EN IEC 61158-5-26:2023)
Industrial communication networks – Fieldbus specifications – Part 5-26: Application layer service definition – Type 26 elements (IEC 61158-5-26:2023; EN IEC 61158-5-26:2023)

HRN EN IEC 61158-5-27:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-27: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 27 (IEC 61158-5-27:2023; EN IEC 61158-5-27:2023)
Industrial communication networks – Fieldbus specifications – Part 5-27: Application layer service definition – Type 27 elements (IEC 61158-5-27:2023; EN IEC 61158-5-27:2023)

HRN EN IEC 61158-5-28:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-28: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 28 (IEC 61158-5-28:2023; EN IEC 61158-5-28:2023)
Industrial communication networks – Fieldbus specifications – Part 5-28: Application layer service definition – Type 28 elements (IEC 61158-5-28:2023; EN IEC 61158-5-28:2023)

HRN EN IEC 61158-5-4:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-4: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 4 (IEC 61158-5-4:2023; EN IEC 61158-5-4:2023)
Industrial communication networks – Fieldbus specifications – Part 5-4: Application layer service definition – Type 4 elements (IEC 61158-5-4:2023; EN IEC 61158-5-4:2023)

HRN EN IEC 61158-6-10:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-10: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 10 (IEC 61158-6-10:2023; EN IEC 61158-6-10:2023)
Industrial communication networks – Fieldbus specifications – Part 6-10: Application layer protocol specification – Type 10 elements (IEC 61158-6-10:2023; EN IEC 61158-6-10:2023)

HRN EN IEC 61158-6-2:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-2: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 2 (IEC 61158-6-2:2023; EN IEC 61158-6-2:2023)
Industrial communication networks – Fieldbus specifications – Part 6-2: Application layer protocol specification – Type 2 elements (IEC 61158-6-2:2023; EN IEC 61158-6-2:2023)

HRN EN IEC 61158-6-23:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-23: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 23 (IEC 61158-6-23:2023; EN IEC 61158-6-23:2023)
Industrial communication networks – Fieldbus specifications – Part 6-23: Application layer protocol specification – Type 23 elements (IEC 61158-6-23:2023; EN IEC 61158-6-23:2023)

HRN EN IEC 61158-6-24:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-24: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 24 (IEC 61158-6-24:2023; EN IEC 61158-6-24:2023)
Industrial communication networks – Fieldbus specifications – Part 6-24: Application layer protocol specification – Type 24 elements (IEC 61158-6-24:2023; EN IEC 61158-6-24:2023)

HRN EN IEC 61158-6-26:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-26: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 26 (IEC 61158-6-26:2023; EN IEC 61158-6-26:2023)
Industrial communication networks – Fieldbus specifications – Part 6-26: Application layer protocol specification – Type 26 elements (IEC 61158-6-26:2023; EN IEC 61158-6-26:2023)

HRN EN IEC 61158-6-27:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-27: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 27 (IEC 61158-6-27:2023; EN IEC 61158-6-27:2023)
Industrial communication networks – Fieldbus specifications – Part 6-27: Application layer protocol specification – Type 27 elements (IEC 61158-6-27:2023; EN IEC 61158-6-27:2023)

HRN EN IEC 61158-6-28:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-28: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 28 (IEC 61158-6-28:2023; EN IEC 61158-6-28:2023)
Industrial communication networks – Fieldbus specifications – Part 6-28: Application layer protocol specification – Type 28 elements (IEC 61158-6-28:2023; EN IEC 61158-6-28:2023)

HRN EN IEC 61158-6-4:2023 en pr
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-4: Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 4 (IEC 61158-6-4:2023; EN IEC 61158-6-4:2023)
Industrial communication networks – Fieldbus specifications – Part 6-4: Application layer protocol specification – Type 4 elements (IEC 61158-6-4:2023; EN IEC 61158-6-4:2023)

HRN EN IEC 61784-1-0:2023 en pr
Industrijske mreže – Profili – Dio 1-0: Profili industrijske sabirnice (fieldbus) – Opći pojmovi i nazivlje (IEC 61784-1-0:2023; EN IEC 61784-1-0:2023)
Industrial networks – Profiles – Part 1-0: Fieldbus profiles – General concepts and terminology (IEC 61784-1-0:2023; EN IEC 61784-1-0:2023)

HRN EN IEC 61784-1-1:2023 en pr
Industrijske mreže – Profili – Dio 1-1: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 1 (IEC 61784-1-1:2023; EN IEC 61784-1-1:2023)
Industrial networks – Profiles – Part 1-1: Fieldbus profiles – Communication Profile Family 1 (IEC 61784-1-1:2023; EN IEC 61784-1-1:2023)

HRN EN IEC 61784-1-16:2023 en pr
Industrijske mreže – Profili – Dio 1-16: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 16 (IEC 61784-1-16:2023; EN IEC 61784-1-16:2023)
Industrial networks – Profiles – Part 1-16: Fieldbus profiles – Communication Profile Family 16 (IEC 61784-1-16:2023; EN IEC 61784-1-16:2023)

HRN EN IEC 61784-1-19:2023 en pr
Industrijske mreže – Profili – Dio 1-19: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 19 (IEC 61784-1-19:2023; EN IEC 61784-1-19:2023)
Industrial networks – Profiles – Part 1-19: Fieldbus profiles – Communication Profile Family 19 (IEC 61784-1-19:2023; EN IEC 61784-1-19:2023)

HRN EN IEC 61784-1-2:2023 en pr
Industrijske mreže – Profili – Dio 1-2: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 2 (IEC 61784-1-2:2023; EN IEC 61784-1-2:2023)
Industrial networks – Profiles – Part 1-2: Fieldbus profiles – Communication Profile Family 2 (IEC 61784-1-2:2023; EN IEC 61784-1-2:2023)

HRN EN IEC 61784-1-22:2023 en pr
Industrijske mreže – Profili – Dio 1-22: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 22 (IEC 61784-1-22:2023; EN IEC 61784-1-22:2023)
Industrial networks – Profiles – Part 1-22: Fieldbus profiles – Communication Profile Family 22 (IEC 61784-1-22:2023; EN IEC 61784-1-22:2023)

HRN EN IEC 61784-1-3:2023 en pr
Industrijske mreže – Profili – Dio 1-3: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 3 (IEC 61784-1-3:2023; EN IEC 61784-1-3:2023)
Industrial networks – Profiles – Part 1-3: Fieldbus profiles – Communication Profile Family 3 (IEC 61784-1-3:2023; EN IEC 61784-1-3:2023)

HRN EN IEC 61784-1-4:2023 en pr
Industrijske mreže – Profili – Dio 1-4: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 4 (IEC 61784-1-4:2023; EN IEC 61784-1-4:2023)
Industrial networks – Profiles – Part 1-4: Fieldbus profiles – Communication Profile Family 4 (IEC 61784-1-4:2023; EN IEC 61784-1-4:2023)

HRN EN IEC 61784-1-5:2023 en pr
Industrijske mreže – Profili – Dio 1-5: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 5 (IEC 61784-1-5:2023; EN IEC 61784-1-5:2023)
Industrial networks – Profiles – Part 1-5: Fieldbus profiles – Communication Profile Family 5 (IEC 61784-1-5:2023; EN IEC 61784-1-5:2023)

HRN EN IEC 61784-1-6:2023 en pr
Industrijske mreže – Profili – Dio 1-6: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 6 (IEC 61784-1-6:2023; EN IEC 61784-1-6:2023)
Industrial networks – Profiles – Part 1-6: Fieldbus profiles – Communication Profile Family 6 (IEC 61784-1-6:2023; EN IEC 61784-1-6:2023)

HRN EN IEC 61784-1-8:2023 en pr
Industrijske mreže – Profili – Dio 1-8: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 8 (IEC 61784-1-8:2023; EN IEC 61784-1-8:2023)
Industrial networks – Profiles – Part 1-8: Fieldbus profiles – Communication Profile Family 8 (IEC 61784-1-8:2023; EN IEC 61784-1-8:2023)

HRN EN IEC 61784-1-9:2023 en pr
Industrijske mreže – Profili – Dio 1-9: Profili industrijske sabirnice (fieldbus) – Obitelj komunikacijskih profila 9 (IEC 61784-1-9:2023; EN IEC 61784-1-9:2023)
Industrial networks – Profiles – Part 1-9: Fieldbus profiles – Communication Profile Family 9 (IEC 61784-1-9:2023; EN IEC 61784-1-9:2023)

HRN EN IEC 61784-2-19:2023 en pr
Industrijske mreže – Profili – Dio 2-19: Dodatni profili industrijske sabirnice u stvarnom vremenu temeljeni na normi ISO/IEC/IEEE 8802-3 – CPF 19 (IEC 61784-2-19:2023; EN IEC 61784-2-19:2023)
Industrial networks – Profiles – Part 2-19: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 19 (IEC 61784-2-19:2023; EN IEC 61784-2-19:2023)

HZN/TO E79, Alarmni sustavi

HRN EN 50518:2019/A1:2023 en pr
Centar za nadzor i prijam alarma (EN 50518:2019/A1:2023)
Monitoring and Alarm Receiving Centre (EN 50518:2019/A1:2023)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 319 421 V1.2.1:2023 en pr
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi općih i sigurnosnih pravila za davatelje usluga povjerenja koji izdaju vremenske žigove (EN 319 421 V1.2.1:2023)
Electronic Signatures and Infrastructures (ESI) – Policy and Security Requirements for Trust Service Providers issuing Time-Stamps (EN 319 421 V1.2.1:2023)

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

HRN EN 302-8:2023 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 8. dio: Ispitivanje statičkog opterećenja uzoraka u pritisnom smicanju s višestrukum spojnomo linijom uzoraka (EN 302-8:2023)
Adhesives for load-bearing timber structures – Test methods – Part 8: Static load test of multiple bond line specimens in compression shear (EN 302-8:2023)

HRN EN ISO 13132:2023 en pr
Laboratorijsko stakleno posuđe – Petrijeve zdjelice (ISO 13132:2023; EN ISO 13132:2023)
Laboratory glassware – Petri dishes (ISO 13132:2023; EN ISO 13132:2023)

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

HRN EN ISO 3826-1:2019/A1:2023 en pr
Plastični sklopivi spremnici za ljudsku krv i komponente krvi – 1. dio: Uobičajeni spremnici (ISO 3826-1:2019/Amd1:2023; EN ISO 3826-1:2019/A1:2023)
Plastics collapsible containers for human blood and blood components – Part 1: Conventional containers (ISO 3826-1:2019/Amd1:2023; EN ISO 3826-1:2019/A1:2023)

HRN EN ISO 7439:2023 en pr
Kontracepcijski intrauterini ulošci s bakrom – Zahtjevi i ispitivanja (ISO 7439:2023; EN ISO 7439:2023)
Copper-bearing contraceptive intrauterine devices – Requirements and tests (ISO 7439:2023; EN ISO 7439:2023)

HRN EN ISO 8325:2023 en pr
Stomatologija – Metode ispitivanja za rotirajuće instrumente (ISO 8325:2023; EN ISO 8325:2023)
Dentistry – Test methods for rotary instruments (ISO 8325:2023; EN ISO 8325:2023)

HRN EN ISO 8536-15:2022/A1:2023 en pr
Oprema za infuziju za medicinsku primjenu – 15. dio: Pribor za infuziju sa zaštitom od svjetla za jednokratnu upotrebu (ISO 8536-15:2022/Amd 1:2023; EN ISO 8536-15:2022/A1:2023)
Infusion equipment for medical use – Part 15: Light-protective infusion sets for single use (ISO 8536-15:2022/Amd 1:2023; EN ISO 8536-15:2022/A1:2023)

HRN EN ISO 11608-5:2023 en pr
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 5. dio: Automatske funkcije (ISO 11608-5:2022; EN ISO 11608-5:2023)
Needle-based injection systems for medical use – Requirements and test methods – Part 5: Automated functions (ISO 11608-5:2022; EN ISO 11608-5:2023)

HRN EN ISO 23401-1:2023 en pr
Stomatologija – Materijali za podlaganje baze proteze unutar stomatološke ordinacije – 1. dio: Tvrdi materijali (ISO 23401-1:2023; EN ISO 23401-1:2023)
Dentistry – Chairside denture base relining materials – Part 1: Hard type materials (ISO 23401-1:2023; EN ISO 23401-1:2023)

HZN/TU U1, *Opća elektrotehnika 1*

HRN EN IEC 62321-12:2023 en pr
Utvrđivanje određenih tvari u elektrotehničkim proizvodima – 12. dio: Istovremeno određivanje – Polibromirani bifenili, polibromirani difenil eteri i ftalati u polimerima pomoću plinske kromatografije sa spektrometrijom masa (IEC 62321-12:2023; EN IEC 62321-12:2023)
Determination of certain substances in electrotechnical products – Part 12: Simultaneous determination – Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry (IEC 62321-12:2023; EN IEC 62321-12:2023)

HZN/TU V1, *Elektronika 1*

HRN EN 50289-1-2:2023 en pr
Komunikacijski kabeli – Specifikacije za metode ispitivanja – Dio 1-2: Metode električnih ispitivanja – Otpor za istosmjernu struju (EN 50289-1-2:2023)
Communication cables – Specifications for test methods – Part 1-2: Electrical test methods – DC resistance (EN 50289-1-2:2023)

HRN EN IEC 60794-2-10:2023 en pr
Svjetlovodni kabeli – Dio 2-10: Svjetlovodni kabeli za unutarnju primjenu – Skupna specifikacija za jednosmjerne i dvosmjerne kabele (IEC 60794-2-10:2023; EN IEC 60794-2-10:2023)
Optical fibre cables – Part 2-10: Indoor optical fibre cables – Family specification for simplex and duplex cables (IEC 60794-2-10:2023; EN IEC 60794-2-10:2023)

HRN EN IEC 60966-3-3:2023 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 3-3: Detaljna specifikacija za sklopove polusavitljivih koaksijalnih kabela (kratkospojnik) – Frekvencijsko područje do 18 GHz, polusavitljivi koaksijalni kabeli tipa 50-141 (IEC 60966-3-3:2023; EN IEC 60966-3-3:2023)
Radio frequency and coaxial cable assemblies – Part 3-3: Detail specification for semi-flexible cable assemblies (Jumper) – Frequency range up to 18 GHz, Type 50-141 semi-flexible coaxial cable (IEC 60966-3-3:2023; EN IEC 60966-3-3:2023)

HRN EN IEC 60966-3-4:2023 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 3-4: Detaljna specifikacija za sklopove polusavitljivih koaksijalnih kabela (kratkospojnik) – Frekvencijsko područje do 6 GHz, polusavitljivi koaksijalni kabeli tipa 50-141 (IEC 60966-3-4:2023; EN IEC 60966-3-4:2023)
Radio frequency and coaxial cable assemblies – Part 3-4: Detail specification for semi-flexible cable assemblies (Jumper) – Frequency range up to 6 GHz, Type 50-141 semi-flexible coaxial cable (IEC 60966-3-4:2023; EN IEC 60966-3-4:2023)

HRN EN IEC 63203-204-1:2023 en pr
Nosivi elektronički uređaji i tehnologije – Dio 204-1: Elektronički tekstil – Metode ispitivanja za procjenu trajnosti proizvoda od elektroničkog tekstila pri pranju (IEC 63203-204-1:2023; EN IEC 63203-204-1:2023)
Wearable electronic devices and technologies – Part 204-1: Electronic textile – Test method for assessing washing durability of e-textile products (IEC 63203-204-1:2023; EN IEC 63203-204-1:2023)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 50292:2023 en pr
Električna oprema za otkrivanje ugljičnog monoksida u kućanskim prostorima, kamperima i brodovima – Vodič za odabir, instalaciju, upotrebu i održavanje (EN 50292:2023)
Electrical apparatus for the detection of carbon monoxide in domestic premises, caravans and boats – Guide on the selection, installation, use and maintenance (EN 50292:2023)

HRN EN IEC 60350-1:2023 en pr
Kućanski električni aparati za kuhanje – 1. dio: Štednjaci, pećnice, pećnice na paru i roštilji – Metode za mjerenje radnih značajka (IEC 60350-1:2023; EN IEC 60350-1:2023)
Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance (IEC 60350-1:2023; EN IEC 60350-1:2023)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

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

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

HZN/TO 5, *Metalne cijevi i priključci*

prEN 17970 en
Ductile iron pipes – Push-in joints for ductile iron pipe systems – Resistance against root intrusion – Requirements and test methods
Duktilne željezne cijevi – Utisni spojevi za sustave cijevi od duktilnog željeza – Otpornost prema prodiranju korijena – Zahtjevi i metode ispitivanja

HZN/TO 21, *Protupožarna i vatrogasna oprema*

prEN 15004-11 en
Fixed firefighting systems – Gas extinguishing systems – Part 11: Physical properties and systems design of gas extinguishing systems for Halocarbon Blend 55 extinguishant (ISO 14520-17:2022, MOD)
Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 11. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom Halocarbon Blend 55 (ISO 14520-17:2022, MOD)

prEN 17450-2 en
Fixed firefighting systems – Water mist systems – Part 2: Product characteristics and test methods for nozzles
Stabilni protupožarni sustavi – Sustavi vodene magle – 2. dio: Značajke proizvoda i metode ispitivanja za mlaznice

HZN/TO 22, *Cestovna vozila*

prEN 17963 en
Natural gas vehicles – LNG vehicle fuelling procedures
Vozila na prirodni plin – Postupci za punjenje vozila ukapljenim prirodnim plinom (UPP)

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

EN 12965:2019/prA1 en
Tractors and machinery for agriculture and forestry – Power take-off (PTO) drive shafts and their guards – Safety
Traktori i poljoprivredna i šumarska mehanizacija – Štitnici vratila za prijenos snage s traktora na strojeve i oruđa – Sigurnost

HZN/TO 28, *Naftni proizvodi i maziva*

prEN 13016-1 en
Liquid petroleum products – Vapour pressure – Part 1: Determination of air saturated vapour pressure (ASVP) and calculated dry vapour pressure equivalent (DVPE)
Tekući naftni proizvodi – Tlak para – 1. dio: Određivanje tlaka para ugljikovodika zasićenih zrakom (ASVP) i izračunavanje tlaka para ugljikovodika u suhom zraku (DVPE)

prEN ISO 23581 en
Petroleum products and related products – Determination of kinematic viscosity – Method by Stabinger type viscometer (ISO/DIS 23581:2023)

HZN/TO 43, *Akustika*

prEN ISO 16032 en
Acoustics – Measurement of sound pressure level from service equipment or activities in buildings – Engineering method (ISO/DIS 16032:2023)

HZN/TO 71, Beton

prEN 15167-2 en

Ground granulated blast furnace slag for use in concrete, mortar and grout – Part 2: Assessment and verification of constancy of performance
Mljevena granulirana zgura visoke peći za upotrebu u betonu, mortu i mortu za injektiranje – 2. dio: Ocjenjivanje i provjera stalnosti svojstava

HZN/TO 89, Furniri i drvene ploče

prEN ISO 12460-3 en

Wood-based panels – Determination of formaldehyde release – Part 3: Gas analysis method (ISO/FDIS 12460-3:2023)
Ploče na osnovi drva – Određivanje otpuštanja formaldehida – 3. dio: Metoda analize plina (ISO/FDIS 12460-3:2023)

HZN/TO 92, Zaštita od požara

prEN 1366-8 en

Fire resistance tests for service installations – Part 8: Smoke extraction ducts
Ispitivanja otpornosti servisnih instalacija na požar – 8. dio: Kanali za odimljavanje

prEN 1366-9 en

Fire resistance tests for service installations – Part 9: Single compartment smoke extraction ducts
Ispitivanja otpornosti servisnih instalacija na požar – 9. dio: Zasebno odijeljeni kanali za odimljavanje

HZN/TO 108, Mehaničke vibracije i udari

ISO 13373-4:2021 en

Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 4: Diagnostic techniques for gas and steam turbines with fluid-film bearings
Monitoring stanja i dijagnostika strojeva – Monitoring stanja vibracije – 4. dio: Dijagnostičke metode za plinske i parne turbine s kliznim ležajevima

ISO 13373-5:2020 en

Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 5: Diagnostic techniques for fans and blowers
Monitoring stanja i dijagnostika strojeva – Monitoring stanja vibracija – 5. dio: Dijagnostičke metode za ventilatore i pihalice

HZN/TO 126, Duhan i duhanski proizvodi

ISO 3402:2023 en

Tobacco and tobacco products – Atmosphere for conditioning and testing
Duhan i duhanski proizvodi – Atmosfera za kondicioniranje i ispitivanje

ISO 6565:2015 en

Tobacco and tobacco products – Draw resistance of cigarettes and pressure drop of filter rods – Standard conditions and measurement
Duhan i duhanski proizvodi – Otpor cigareta uvlačenju i pad tlaka filtra – Standardni uvjeti i mjerenje

ISO 15592-3:2022 en

Fine-cut tobacco and smoking articles made from it – Methods of sampling, conditioning and analysis – Part 3: Determination of total particulate matter of smoking articles using a routine analytical smoking machine, preparation for the determination of water and nicotine, and calculation of nicotine-free dry particulate matter
Fino rezani duhan i proizvodi za pušenje izrađeni od njega – Metode uzorkovanja, kondicioniranja i analize – 3. dio: Određivanje ukupnog dimnog kondenzata proizvoda za pušenje pomoću rutinskog analitičkog stroja za pušenje, priprema za određivanje vode i nikotina i izračunavanje kondenzata bez nikotina

ISO 20193:2019/Amd 1:2021 en

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

ISO 21766:2021 en

Tobacco and tobacco products – Determination of tobacco-specific nitrosamines in tobacco products – Method using LC-MS/MS
Duhan i duhanski proizvodi – Određivanje nitrozamina specifičnih za duhanske proizvode – Metoda LC-MS/MS

ISO 22980:2020 en

Tobacco – Determination of the content of total alkaloids as nicotine – Continuous-flow analysis method using KSCN/DCIC
Duhan – Određivanje ukupnih alkaloida izraženih kao nikotin – Metoda analize kontinuiranog toka uporabom KSCN/DCIC

HZN/TO 135, Nerazorna ispitivanja

prEN ISO 18563-3 en

Non-destructive testing – Characterization and verification of ultrasonic phased array equipment – Part 3: Complete systems (ISO/DIS 18563-3:2023)

HZN/TO 136, Namještaj

prEN 15338 en

Hardware for furniture – Strength and durability of extension elements and their components
Okov za namještaj – Čvrstoća i izdržljivost izvlačnih elemenata i njihovih dijelova

HZN/TO 147, Kvaliteta vode

prEN ISO 23196 en

Water quality – Calculation of biological equivalence (BEQ) concentrations (ISO 23196:2022)

HZN/TO 172, Optika i optički instrumenti

prEN ISO 7921 en

Ophthalmic optics and instruments – Near reading charts (ISO/DIS 7921:2023)

prEN ISO 14880-2 en

Optics and photonics – Microlens arrays – Part 2: Test methods for wavefront aberrations (ISO/DIS 14880-2:2023)
Optika i fotonika – Poredak mikroleća – 2. dio: Ispitne metode za aberacije valne fronte (ISO/DIS 14880-2:2023)

prEN ISO 14880-3 en

Optics and photonics – Microlens arrays – Part 3: Test methods for optical properties other than wavefront aberrations (ISO/DIS 14880-3:2023)
Optika i fotonika – Poredak mikroleća – 3. dio: Ispitne metode za optička svojstva različita od aberacije valne fronte (ISO/DIS 14880-3:2023)

prEN ISO 14880-4 en

Optics and photonics – Microlens arrays – Part 4: Test methods for geometrical properties (ISO/DIS 14880-4:2023)
Optika i fotonika – Poredak mikroleća – 4. dio: Ispitne metode za geometrijska svojstva (ISO/DIS 14880-4:2023)

HZN/TO 215, Zdravstvena informatika

prEN ISO 10781 en

Health Informatics – HL7 Electronic Health Records-System Functional Model, Release 2.1 (EHR FM) (ISO/DIS 10781:2023)
Zdravstvena informatika – HL7 sustav elektroničkih zdravstvenih zapisa, funkcionalni model, 2. izdanje (EHR FM) (ISO/DIS 10781:2023)

prEN ISO/IEEE 11073-10419 en

Health informatics – Personal health device communication – Part 10419: Device specialization – Insulin pump (ISO/IEEE 11073-10419:2019)
Medicinska informatika – Povezivost osobnoga medicinskog uređaja – 10419. dio: Namjena uređaja – Inzulinska pumpa (ISO/IEEE 11073-10419:2019)

HZN/TO 503, Metalni materijali

- prEN 683-2 en
Aluminium and aluminium alloys – Finstock – Part 2: Mechanical properties
Aluminij i aluminijeve legure – Materijal za izmjenjivače topline – 2. dio: Mehanička svojstva
- prEN ISO 5754 en
Sintered metal materials, excluding hardmetals – Unnotched impact test piece (ISO/FDIS 5754:2023)
Sinterirani metalni materijali, osim tvrdih metala – Ispitni uzorak bez ureza za ispitivanje žilavosti (ISO/FDIS 5754:2023)
- prEN 10216-2 en
Seamless steel tubes for pressure purposes – Technical delivery conditions – Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties
Bešavne čelične cijevi za tlačne namjene – Tehnički uvjeti isporuke – 2. dio: Cijevi od nelegiranih i legiranih čelika s utvrđenim svojstvima pri povišenim temperaturama
- prEN 10370 en
Steel for the reinforcement of concrete – Stainless steel
Čelik za armiranje betona – Nehrđajući čelik

HZN/TO 504, Korozija i zaštita metala i legura

- prEN ISO 9717 en
Metallic and other inorganic coatings – Phosphate conversion coating of metals (ISO/DIS 9717:2023)
Metalne i druge anorganske prevlake – Fosfatne konverzijske prevlake na metalima (ISO/DIS 9717:2023)

HZN/TO 505, Prijenos i distribucija plina

- prEN 12007-5 en
Gas infrastructure – Pipelines for maximum operating pressure up to and including 16 bar – Part 5: Service lines – Specific functional requirements
Plinska infrastruktura – Cjevovodi za najveći radni tlak do 16 bara i uključujući 16 bara – 5. dio: Vodovi za održavanje – Specifični funkcionalni zahtjevi
- prEN 17928-1 en
Gas infrastructure – Injection stations – Part 1: General requirements
Plinska infrastruktura – Utisne stanice – 1. dio: Opći zahtjevi
- prEN 17928-2 en
Gas infrastructure – Injection stations – Part 2: Specific requirements regarding the injection of biomethane
Plinska infrastruktura – Stanice za utiskivanje – 2. dio: Posebni zahtjevi koji se odnose na utiskivanje biometana
- prEN 17928-3 en
Gas infrastructure – Injection stations – Part 3: Specific requirements regarding the injection of hydrogen fuel gas
Plinska infrastruktura – Stanice za utiskivanje – 3. dio: Posebni zahtjevi koji se odnose na utiskivanje vodikovog gorivnog plina

HZN/TO 521, Usluge održavanja

- prEN 17948 en
Maintenance function and management
- prEN 17975 en
Maintenance – Energies and fluids risks control process for maintenance tasks – Guidance

HZN/TO 526, Bitumenska veziva

- prEN 1426 en
Bitumen and bituminous binders – Determination of needle penetration
Bitumen i bitumenska veziva – Određivanje penetracije iglom
- prEN 12594 en
Bitumen and bituminous binders – Preparation of test samples
Bitumen i bitumenska veziva – Priprema ispitnih uzoraka

- prEN 12597 en
Bitumen and bituminous binders – Terminology
Bitumen i bitumenska veziva – Nazivlje

- prEN 12607-1 en
Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 1: RTFOT method
Bitumen i bitumenska veziva – Određivanje otpornosti na otvrdnjavanje djelovanjem topline i zraka – 1. dio: RTFOT metoda

HZN/TO 528, Oprema za željeznice

- EN 16186-8:2022/prA1 en
Railway applications – Driver's cab – Part 8: Tram vehicle layout and access
Željeznički sustav – Upravljačnica – 8. dio: Raspored i dostupnost tramvajske upravljačnice
- prEN ISO 19659-1 en
Railway applications – Heating, ventilation and air conditioning systems for rolling stock – Part 1: Terms and definitions (ISO 19659-1:2017)

HZN/TO 531, Plastika i guma

- prEN ISO 5771 en
Rubber hoses and hose assemblies for transferring anhydrous ammonia – Specification (ISO/DIS 5771:2023)
Gumena crijeva i crijevni uređaji za transport bezvodnog amonijaka – Specifikacija (ISO/DIS 5771:2023)

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

- EN 16867:2020+A1:2021/prA2 en
Building hardware – Mechatronic door furniture – Requirements and test methods
Građevni okovi – Mehatronički okovi za vrata – Zahtjevi i metode ispitivanja

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

- prEN ISO 18623-1 en
Air compressors and compressed air systems – Part 1: Air compressor safety requirements (ISO/DIS 18623-1:2023)
Zračni kompresori i sustavi komprimiranog zraka – 1. dio: Sigurnosni zahtjevi za zračni kompresor (ISO/DIS 18623-1:2023)
- prEN ISO 29464 en
Cleaning of air and other gases – Terminology (ISO/DIS 29464:2023)
Pročišćavanje zraka i drugih plinova – Nazivlje (ISO/DIS 29464:2023)

HZN/TO 550, Opskrba vodom

- prEN 12122 en
Chemicals used for treatment of water intended for human consumption – Ammonia solution
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Otopina amonijaka
- prEN 14944-2 en
Influence of cementitious products on water intended for human consumption – Test methods – Part 2: Influence of migration from site applied cementitious products and associated noncementitious products on the organoleptic parameters
- prEN 14944-4 en
Influence of cementitious products on water intended for human consumption – Test methods – Part 4: Migration of substances from site applied cementitious materials and associated noncementitious products/materials
- prEN 17971 en
In-situ generating and dosing devices of biocides for drinking and swimming pool water treatment – Ozone

HZN/TO 551, Gradnja

- prEN 17632-2 en
Building Information Modelling (BIM) – Semantic Modelling and Linking (SML) – Part 2: Domain-specific modelling patterns
Modeliranje informacija o građevinama (BIM) – Semantičko modeliranje i povezivanje (SML) – 2. dio: Uzorci za modeliranje specifični za domenu
- prEN ISO 22014 en
Library objects for architecture, engineering, construction, and use (ISO/DIS 22014:2023)
Elementi biblioteke za arhitekturu, inženjerstvo, građevinarstvo i uporabu (ISO/DIS 22014:2023)

HZN/TO 555, Medicinski proizvodi

- prEN ISO 11137-1 en
Sterilization of health care products – Radiation – Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices (ISO/DIS 11137-1:2023)
Sterilizacija proizvoda za zdravstvenu skrb – Zračenje – 1. dio: Zahtjevi za razvoj, vrednovanje i kontrolu provedbe sterilizacijskog postupka za medicinske proizvode (ISO/DIS 11137-1:2023)
- prEN 12416-1 en
Fixed firefighting systems – Powder systems – Part 1: Requirements and test methods for components
Stabilni protupožarni sustavi – Sustavi za gašenje prahom – 1. dio: Zahtjevi i ispitne metode za dijelove
- prEN 13060 en
Sterilizers for medical purposes – Small steam sterilizers – Requirements and testing
- prEN 14180 en
Sterilizers for medical purposes – Low temperature steam and formaldehyde sterilizers – Requirements and testing
Sterilizatori za medicinske namjene – Sterilizacija niskotemperaturnom parom i formaldehidom – Zahtjevi i ispitivanje
- prEN ISO 15883-2 en
Washer-disinfectors – Part 2: Requirements and tests for washer-disinfectors employing thermal disinfection for critical and semi-critical medical devices (ISO/DIS 15883-2:2023)
- prEN ISO 15883-3 en
Washer-disinfectors – Part 3: Requirements and tests for washer-disinfectors employing thermal disinfection for human waste containers (ISO/DIS 15883-3:2023)
Uređaji za pranje i dezinfekciju – 3. dio: Zahtjevi i ispitivanja za uređaje za pranje i dezinfekciju u termičkoj dezinfekciji spremnika za ljudske otpatke (ISO/DIS 15883-3:2023)

HZN/TO 556, Osobna zaštitna oprema

- prEN ISO 45001 en
Occupational health and safety management systems – Requirements with guidance for use (ISO 45001:2018)

HZN/TO 557, Zaštitna odjeća

- prEN ISO 374-6 en
Protective gloves against dangerous chemicals and micro-organisms – Part 6: Protective gloves for hairdressers (ISO/DIS 374-6:2023)

HZN/TO 560, Tekstilni proizvodi

- prEN ISO 105-B04 en
Textiles – Tests for colour fastness – Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test (ISO/DIS 105-B04:2023)
Tekstil – Ispitivanje postojanosti obojenja – Dio B04: Postojanost obojenja na umjetne atmosferske uvjete: Ispitivanje na blijedenje s Xenon lampom (ISO/DIS 105-B04:2023)

- prEN ISO 105-C12 en
Textiles – Tests for colour fastness – Part C12: Colour fastness to industrial laundering (ISO/DIS 105-C12:2023)
Tekstil – Ispitivanje postojanosti obojenja – Dio C12: Postojanost obojenja pri industrijskom pranju (ISO/DIS 105-C12:2023)
- prEN ISO 1833-4 en
Textiles – Quantitative chemical analysis – Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite) (ISO/DIS 1833-4:2023)
Tekstil – Kvantitativna kemijska analiza – 4. dio: Mješavine određenih proteinskih i određenih drugih vlakana (metoda s uporabom hipoklorita) (ISO/DIS 1833-4:2023)
- prEN 14682 en
Safety of children's clothing – Cords and drawstrings on children's clothing – Specifications
Sigurnost dječje odjeće – Gajtani i vezice na dječjoj odjeći – Specifikacije

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

- EN ISO 18119:2018/prA2 en
Gas cylinders – Seamless steel and seamless aluminium-alloy gas cylinders and tubes – Periodic inspection and testing (ISO 18119:2018/DAMd 2:2023)
Plinske boce – Bešavne plinske boce i cijevi od čelika i bešavne plinske boce i cijevi od aluminijeve legure – Periodični pregled i ispitivanje (ISO 18119:2018/DAMd 2:2023)

HZN/TO 563, Sigurnost strojeva

- prEN ISO 11161 en
Safety of machinery – Integration of machinery into a system – Basic requirements (ISO/DIS 11161:2023)
Sigurnost strojeva – Integrirani sustavi proizvodnje – Osnovni zahtjevi (ISO/DIS 11161:2023)

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

- prEN ISO 16140-7 en
Microbiology of the food chain – Method validation – Part 7: Protocol for the validation of identification methods of microorganisms (ISO/DIS 16140-7:2023)
Mikrobiologija u lancu hrane – Validacija metoda – 7. dio: Protokol validacije metoda identifikacije mikroorganizama (ISO/DIS 16140-7:2023)
- prEN 16466-1 en
Food authenticity – Isotopic analysis of acetic acid and water in vinegar – Part 1: 2H-NMR analysis of acetic acid
Izvornost hrane – Analiza izotopa otcene kiseline i vode u octu – 1. dio: 2H-NMR analiza otcene kiseline
- prEN 17972 en
Food authenticity – Food authenticity and fraud – Concepts, terms, and definitions
Izvornost hrane – Izvornost i krivotvorenje hrane – Pojmovi, nazivi i definicije

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

- EN 13451-1:2020/prA1 en
Swimming pool equipment – Part 1: General safety requirements and test methods for equipment installed in pools for public use
Oprema za bazene – 1. dio: Opći sigurnosni zahtjevi i metode ispitivanja za opremu ugrađenu u bazene za javnu uporabu
- EN 15288-1:2018/prA1 en
Swimming pools for public use – Part 1: Safety requirements for design
Bazeni za javnu uporabu – 1. dio: Sigurnosni zahtjevi za projektiranje

HZN/TO 572, Kruti oporabljivi materijali uključujući kruta oporabljena goriva

prEN ISO 4349 en
Solid recovered fuels – Determination of the Recycling Index for co-processing (ISO/DIS 4349:2023)

prEN ISO 21911-1 en
Solid recovered fuels – Determination of self-heating – Part 1: Isothermal calorimetry (ISO 21911-1:2022)
Kruta oporabljena goriva – Utvrđivanje samozagrijavanja – 1. dio: Izotermna kalorimetrija (ISO 21911-1:2022)

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

prEN ISO 24212 en
Remediation techniques applied at contaminated sites (ISO/DIS 24212:2023)

HZN/TO E2, Rotacijski strojevi

prEN IEC 60034-12:2023 en
Rotating electrical machines – Part 12: Starting performance of single-speed three-phase cage induction motors (IEC 60034-12 ED4)
Rotacijski električni strojevi – 12. dio: Zaletna svojstva jednobrzinskih trofaznih kavezničkih indukcijskih motora (IEC 60034-12 ED4)

prEN 60034-30-3:2023 en
Rotating electrical machines – Part 30-3: Efficiency classes of high voltage AC motors (IE code) (IEC 60034-30-3 ED1)
Rotacijski električni strojevi – Dio 30-3: Razredi učinkovitosti visokonaponskih izmjeničnih motora (IE kod) (IEC 60034-30-3 ED1)

HZN/TO E9, Električna oprema za željeznicu

prEN IEC 62290-1:2023 en
Railway applications – Urban guided transport management and command/control systems – Part 1: System principles and fundamental concepts (IEC 62290-1 ED3)
Željeznički sustav – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 1. dio: Osnove sustava i temeljni pojmovi (IEC 62290-1 ED3)

prEN IEC 62290-2:2023 en
Railway applications – Urban guided transport management and command/control systems – Part 2: Functional requirements specification (IEC 62290-2 ED3)
Željeznički sustav – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 2. dio: Specifikacija zahtjeva za funkcionalnost (IEC 62290-2 ED3)

prEN IEC 62290-3:2023 en
Railway applications – Urban guided transport management and command/control systems – Part 3: System requirements specification (IEC 62290-3 ED2)
Željeznički sustav – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 3. dio: Specifikacija zahtjeva za sustav (IEC 62290-3 ED2)

HZN/TO E10, Fluidi za primjenu u elektrotehnici

prEN IEC 60422:2023 en
Mineral insulating oils in electrical equipment – Supervision and maintenance guidance (IEC 60422 ED5)
Mineralna izolacijska ulja u električnoj opremi – Upute za nadzor i održavanje (IEC 60422 ED5)

prEN IEC 62770:2023 en
Fluids for electrotechnical applications – Unused natural esters for transformers and similar electrical equipment (IEC 62770 ED2)
Tekućine za primjenu u elektrotehnici – Novi prirodni esteri za transformatore i sličnu električnu opremu (IEC 62770 ED2)

HZN/TO E31, Eksplozivne atmosfere

prEN IEC 60079-14:2023 en
Electrical installation design, selection and installation of equipment, including initial inspection (IEC 60079-14 ED6)

EN IEC 60079-15:2019/prAA en
Explosive atmospheres – Part 15: Equipment protection by type of protection “n”
Eksplozivne atmosfere – 15. dio: Vrsta zaštite opreme zaštita “n”

prEN ISO/IEC 80079-41 en
Explosive atmospheres – Part 41: Reciprocating internal combustion engines (ISO/IEC DIS 80079-41:2023)
Eksplozivne atmosfere – 41. dio: Klipni motori s unutrašnjim izgaranjem (ISO/IEC DIS 80079-41:2023)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN IEC 60061-PR2023-1:2023 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Gauges for holders GJ6.6 in 7005-188 (IEC 60061-PR2023-1 ED3)
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – Granična mjerila za grla GJ6.6 u 7005-188 (IEC 60061-PR2023-1 ED3)

HZN/TO E42, Visokonaponska ispitivanja

prEN IEC 60060-2:2023 en
High-voltage test techniques – Part 2: Measuring systems (IEC 60060-2 ED4)
Visokonaponske ispitne tehnike – 2. dio: Mjerni sustavi (IEC 60060-2 ED4)

HZN/TO E44, Elektrotehnička sigurnost strojeva

EN IEC 62061:2021/prA1:2023 en
Safety of machinery – Functional safety of safety-related control systems (IEC 62061/am1 ED2)
Sigurnost strojeva – Funkcionalna sigurnost sigurnosnih upravljačkih sustava (IEC 62061/am1 ED2)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

EN IEC 60335-2-25:2021/prAB:2023 en
Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens
Kućanski i slični električni aparati – Sigurnost – Dio 2-25: Posebni zahtjevi za mikrovalne pećnice, uključujući i složene mikrovalne pećnice

prEN IEC 60335-2-40:2023/prAA:2023 en
Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
Kućanski i slični električni aparati – Sigurnost – Dio 2-40: Posebni zahtjevi za električne dizalice topline, klima-uređaje i sušila zraka

EN 60335-2-50:2003/prAA:2023 en
Household and similar electrical appliances – Safety – Part 2-50: Particular requirements for commercial electric bains-marie
Kućanski i slični električni aparati – Sigurnost – Dio 2-50: Posebni zahtjevi za ugostiteljske električne tople vodne kupke

EN IEC 60335-2-84:2021/prAB:2023 en
Household and similar electrical appliances – Safety – Part 2-84: Particular requirements for toilet appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-84: Posebni zahtjevi za aparate u zahodima

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

prEN IEC 63082-2:2023 en
Intelligent Device Management – Part 2: Normative Requirements and Recommendations (IEC 63082-2 ED1)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

EN IEC 55015:2019/prA1:2023 en
Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15/am1 ED9)
Granice i metode mjerenja značajka radiosmetnja električnih rasvjetnih i sličnih uređaja (CISPR 15/am1 ED9)

EN IEC 61000-6-3:2021/prA1:2023 (Frag 1) en
Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for equipment in residential environments – Miscellaneous items on General Maintenance (IEC 61000-6-3/am1/FRAG1 ED3)
Elektromagnetska kompatibilnost (EMC) – Dio 6-3: Norme srodnih područja – Norma emisije za opremu u stambenoj okolini (IEC 61000-6-3/am1/FRAG1 ED3)

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 301 406-2 V3.0.1:2023 en
Digital Enhanced Cordless Telecommunications (DECT) – Harmonised Standard for access to radio spectrum – Part 2: DECT-2020 NR
Digitalne poboljšane bežične telekomunikacije (DECT) – Harmonizirana norma za pristup radijskom spektru – 2. dio: DECT-2020 NR

HZN/TO Z1, Informacijska tehnologija

prEN ISO/IEC 2382-37 en
Information technology – Vocabulary – Part 37: Biometrics (ISO/IEC 2382-37:2022)
Informacijska tehnologija – Rječnik – 37. dio: Biometrija (ISO/IEC 2382-37:2022)

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

prEN ISO 8130-16 en
Coating powders – Part 16: Determination of density by liquid displacement in a measuring cylinder (ISO 8130-16:2022)
Praškasti prekrivni materijali – 16. dio: Određivanje gustoće istiskivanjem tekućine u menzuri (ISO 8130-16:2022)

prEN ISO/CIE 11664-5 en
Colorimetry – Part 5: CIE 1976 L*u*v* colour space and u', v' uniform chromaticity scale diagram (ISO/CIE DIS 11664-5:2023)
Kolorimetrija – 5. dio: CIE 1976 L*u*v* prostor boje i u', v' jednolična kromatičnost dijagrama skale (ISO/CIE DIS 11664-5:2023)

prEN 17707 en
Plant biostimulants – Determination of the yeast and mould content
Biljni biostimulansi – Određivanje sadržaja kvasaca i plijesni

prEN 17708 en
Plant biostimulants – Preparation of sample for microbial analysis
Biljni biostimulansi – Priprema uzoraka za mikrobiološku analizu

prEN 17709 en
Plant biostimulants – Determination of Azobacter spp.
Biljni biostimulansi – Određivanje broja Azotobacter spp.

prEN 17710 en
Plant biostimulants – Detection of Listeria monocytogenes
Biljni biostimulansi – Dokazivanje Listeria monocytogenes

prEN 17711 en
Plant biostimulants – Detection of Vibrio spp.
Biljni biostimulansi – Dokazivanje Vibrio spp.

prEN 17712 en
Plant biostimulants – Detection of Staphylococcus aureus
Biljni biostimulansi – Dokazivanje Staphylococcus aureus

prEN 17713 en
Plant biostimulants – Determination of Azospirillum spp.
Biljni biostimulansi – Određivanje broja Azospirillum spp.

prEN 17714 en
Plant biostimulants – Determination of microorganisms' concentration
Biljni biostimulansi – Određivanje koncentracije mikroorganizama

prEN 17715 en
Plant biostimulants – Detection of Shigella spp.
Biljni biostimulansi – Dokazivanje Shigella spp.

prEN 17716 en
Plant biostimulants – Determination of Escherichia coli
Biljni biostimulansi – Određivanje broja Escherichia coli

prEN 17717 en
Plant biostimulants – Detection of Salmonella spp.
Biljni biostimulansi – Dokazivanje Salmonella spp.

prEN 17718 en
Plant biostimulants – Determination of Rhizobium spp.
Biljni biostimulansi – Određivanje broja Rhizobium spp.

prEN 17719 en
Plant biostimulants – Determination of the anaerobic plate count
Biljni biostimulansi – Određivanje broja anaerobnih mikroorganizama

prEN 17720 en
Plant biostimulants – Determination of Enterococcaceae
Biljni biostimulansi – Određivanje broja Enterococcaceae

prEN 17721 en
Plant biostimulants – Determination of the pH for liquid microbial plant biostimulants/pH in microbial products – Determination of pH
Biljni biostimulansi – Određivanje pH vrijednosti tekućih mikrobnih biljnih biostimulansa/pH vrijednosti u mikrobnim proizvodima – Određivanje pH vrijednosti

prEN 17722 en
Plant biostimulants – Determination of mycorrhizal fungi
Biljni biostimulansi – Određivanje mikoriznih gljivica

prEN 17723 en
Plant biostimulants – Determination of chloride
Biljni biostimulansi – Određivanje klorida

prEN 17725 en
Plant biostimulants – Determination of the quantity (indicated by mass or volume)
Biljni biostimulansi – Određivanje količine (označene masom ili volumenom)

prEN ISO 21368 en
Adhesives – Guidelines for the fabrication of adhesively bonded structures and reporting procedures suitable for the risk evaluation of such structures (ISO 21368:2022)
Adhezivi – Smjernice za izradu konstrukcija spojenih ljepilom i postupke izvješćivanja prikladnih za procjenu rizika tih konstrukcija (ISO 21368:2022)

prEN ISO 22553-15 en
Paints and varnishes – Electro-deposition coatings – Part 15: Permeate residues (ISO 22553-15:2022)
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 15. dio: Ostaci permeata (ISO 22553-15:2022)

prEN ISO 22553-16 en
Paints and varnishes – Electro-deposition coatings – Part 16: Pigment-binder ratio (ISO 22553-16:2022)
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 16. dio: Omjer između pigmenta i veziva (ISO 22553-16:2022)

prEN ISO/ASTM 52938-1 en

Additive manufacturing of metals – Environment, health and safety – Part 1: Safety requirements for PBF-LB machines (ISO/ASTM DIS 52938-1:2023)
Aditivna proizvodnja metala – Okoliš, zdravlje i sigurnost – 1. dio: Sigurnosni zahtjevi za strojeve za lasersko stapanje praškastih slojeva (PBF-LB) (ISO/ASTM DIS 52938-1:2023)

prEN ISO/ASTM 52943-2 en

Additive manufacturing for aerospace – Process characteristics and performance – Part 2: Directed energy deposition using wire and arc (ISO/ASTM DIS 52943-2:2023)
Aditivna proizvodnja za zrakoplovstvo – Karakteristike i izvedba procesa – 2. dio: Izravno taloženje materijala žicom i svjetlosnim lukom (ISO/ASTM DIS 52943-2:2023)

prEN ISO/ASTM 52953 en

Additive Manufacturing for metals – General Principles – Registration of geometric data acquired from process-monitoring and for quality control (ISO/ASTM DIS 52953:2023)
Aditivna proizvodnja za metale – Opća načela – Registracija geometrijskih podataka iz praćenja procesa i za kontrolu kvalitete (ISO/ASTM DIS 52953:2023)

HZN/TU I2, *Strojarstvo 2*

prEN 16510-2-5 en

Residential solid fuel burning appliances – Part 2-5: Slow heat release appliances
Uređaji na kruta goriva za kućanstva – Dio 2-5: Uređaji sa sporim otpuštanjem topline

prEN 17969 en

Earth-moving machinery – Safety – Contamination protective systems
Strojevi za zemljane radove – Sigurnost – Sustavi zaštite od onečišćenja

HZN/TU N1, *Nemetalni materijali 1*

prEN ISO 23739 en

Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods for chemical analysis of zirconium oxide powders (ISO 23739:2021)

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

prEN 455-5 en

Medical gloves for single use – Part 5: Extractable chemical residues
Medicinske rukavice za jednokratnu uporabu – 5. dio: Izlučivi ostaci kemikalija

EN ISO 81060-2:2019/prA2 en

Non-invasive sphygmomanometers – Part 2: Clinical investigation of intermittent automated measurement type (ISO 81060 2:2018/DAMd 2:2023)
Neinvazivni sfingomanometri – 2. dio: Klinička ispitivanja automatiziranih vrsta mjerenja (ISO 81060 2:2018/DAMd 2:2023)

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

prEN 1459-1 en

Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks
Vozila za teške terene – Sigurnosni zahtjevi i verifikacija – 1. dio: Vozila s promjenjivim dometom

EN 1459-4:2020/prA1 en

Rough-terrain trucks – Safety requirements and verification – Part 4: Additional requirements for variable-reach trucks handling freely suspended loads
Vozila za teške terene – Sigurnosni zahtjevi i verifikacija – 4. dio: Dodatni zahtjevi za vozila promjenjivog dohvata pri rukovanju ovješanim teretom

EN 1459-5:2020/prA1 en

Rough-terrain trucks – Safety requirements and verification – Part 5: Attachment interface
Vozila za teške terene – Sigurnosni zahtjevi i verifikacija – 5. dio: Sučelje za priključke

prEN 3475-408 en

Aerospace series – Cables, electrical, aircraft use – Test methods – Part 408: Fire resistance
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 408. dio: Otpornost na vatru

prEN 3475-606 en

Aerospace series – Cables, electrical, aircraft use – Test methods – Part 606: Wicking Test on Textile Braid Insulation

prEN 3661-001 en

Aerospace series – Circuit breakers, single-pole, temperature compensated, rated currents 20 A to 50 A – Part 001: Technical specification
Zrakoplovstvo – Automatski osigurači, jednopolni, temperaturno kompenzirani, nazivne struje 20 A do 50 A – Dio 001: Tehnička specifikacija

prEN 3662-001 en

Aerospace series – Circuit breakers, three-pole, temperature compensated, rated currents 20 A to 50 A – Part 001: Technical specification
Zrakoplovstvo – Automatski osigurači, trolpolni, temperaturno kompenzirani, nazivne struje 20 A do 50 A – Dio 001: Tehnička specifikacija

prEN 3773-001 en

Aerospace series – Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A – Part 001: Technical specification
Zrakoplovstvo – Automatski osigurači, jednopolni, temperaturno kompenzirani, nazivnih struja 1 A do 25 A – Dio 001: Tehnička specifikacija

prEN 3774-001 en

Aerospace series – Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A – Part 001: Technical specification
Zrakoplovstvo – Automatski osigurači, trolpolni, temperaturno kompenzirani, nazivnih struja 1 A do 25 A – Dio 001: Tehnička specifikacija

prEN 4641-102 en

Aerospace series – Cables, optical 125 µm outside diameter cladding – Part 102: Semi-loose 62,5/125 µm GI fibre nominal 1,8 mm outside diameter – Product standard
Zrakoplovstvo – Kabeli, optički, promjera vanjskog omotača 125 µm – 102. dio: Polu-čvrste, GI vlakna 62,5/125 µm, nazivnoga vanjskog promjera 1,8 mm – Norma za proizvod

HZN/TU U1, *Opća elektrotehnika 1*

prEN 50436-7:2023 en

Alcohol interlocks – Test methods and performance requirements – Part 7: Installation document
Blokada u slučaju alkoholiziranosti – Metode ispitivanja i izvedbeni zahtjevi – 7. dio: Dokument za instalaciju

prEN IEC 60068-2-86:2023 en

Environmental Testing – Part 2-86: Tests-Test Fx: Multi-Exciter and Multi-Axis Shock and Vibration Testing and Guidance (IEC 60068-2-86 ED1)
Ispitivanje utjecaja okoliša – Dio 2-86: Ispitivanja – Fx ispitivanje: Ispitivanje i uputstva za udare i vibracije iz više izvora i na više osi (IEC 60068-2-86 ED1)

HZN/TU V1, *Elektronika 1*

prEN IEC 60794-2-20:2023 en

Optical fibre cables – Part 2-20: Indoor cables – Family specification for multi-fibre optical cables (IEC 60794-2-20 ED4)
Svjetlovodni kabeli – Dio 2-20: Kabeli za unutarnju primjenu – Skupna specifikacija za svjetlovodne kabele od više vlakana (IEC 60794-2-20 ED4)

prEN IEC 60939-3:2023 en

Passive filter units for electromagnetic interference suppression – Part 3: Passive filter units for which safety tests are appropriate (IEC 60939-3 ED2)
Pasivni filtri za gušenje elektromagnetskih smetnji – 3. dio: Pasivni filtri za koje su potrebna odgovarajuća sigurnosna ispitivanja (IEC 60939-3 ED2)

prEN IEC 62024-2:2023 en

High frequency inductive components – Electrical characteristics and measuring methods – Part 2: Rated current of inductors for DC-to-DC converters (IEC 62024-2 ED3)
Indukcijske komponente visoke frekvencije – Električne karakteristike i metode mjerenja – 2. dio: Nazivna struja induktora za istosmjerni pretvarač DC/DC (IEC 62024-2 ED3)

EN 62920:2017/prAB en

Photovoltaic power generating systems – EMC requirements and test methods for power conversion equipment
Fotonaponski sustavi napajanja – Zahtjevi za elektromagnetsku kompatibilnost (EMC) i metode ispitivanja za opremu za pretvorbu energije

HZN/TU W1, Energetska elektrotehnika 1

EN 60143-1:2015/prA1:2023 en

Series capacitors for power systems – Part 1: General (IEC 60143-1/am1 ED5)
Serijski kondenzatori za energetske sustave – 1. dio: Općenito (IEC 60143-1/am1 ED5)

prEN IEC 60676:2023 en

Industrial electroheating equipment – Test methods for direct arc furnaces (IEC 60676 ED4)
Oprema za električno grijanje u industriji – Metode ispitivanja za izravne elektrolučne peći (IEC 60676 ED4)

prEN IEC 61427-2:2023 en

Secondary cells and batteries for renewable energy storage – General requirements and methods of test – Part 2: On-grid applications (IEC 61427-2 ED2)
Sekundarni članci i baterije za obnovljivu pohranu energije – Opći zahtjevi i metode ispitivanja – 2. dio: Primjena u mreži (IEC 61427-2 ED2)

prEN IEC 61558-2-5:2023 en

Safety of transformers, reactors, power supply units and combinations thereof – Part 2-5: Particular requirements and test for transformer for shavers, power supply units for shavers and shaver supply units (IEC 61558-2-5 ED3)
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-5: Posebni zahtjevi i ispitivanja za transformatore za aparate za brijanje, jedinice za napajanje za aparate za brijanje i aparate za brijanje s jedinicama za napajanje (IEC 61558-2-5 ED3)

prEN IEC 61820-2:2023 en

Electrical installations for lighting and beaconing of aerodromes – Part 1-2: Particular requirements for series circuits (IEC 61820-2 ED1)
Električne instalacije za osvjetljavanje i označavanje uzletišta – Dio 1-2: Posebni zahtjevi za serijske strujne krugove (IEC 61820-2 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 34, Poljoprivredni i prehrambeni proizvodi

HRN EN ISO 8586:2014 en

Senzorske analize – Opće upute za odabir, izobrazbu i praćenje odabranih ispitivača i stručnih senzorski ispitivača (ISO 8586:2012, ispravljena verzija 2014-06-15; EN ISO 8586:2014)
Sensory analysis – General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors (ISO 8586:2012, Corrected version 2014-06-15; EN ISO 8586:2014)
- zamijenjena s: HRN EN ISO 8586:2023

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 10651-4:2010 en

Plućni respiratori – 4. dio: Posebni zahtjevi za balone za ručnu ventilaciju pogonjene ljudskom snagom (ISO 10651-4:2002; EN ISO 10651-4:2009)
Lung ventilators – Part 4: Particular requirements for operator-powered resuscitators (ISO 10651-4:2002; EN ISO 10651-4:2009)
- zamijenjena s: HRN EN ISO 10651-4:2023

HZN/TO 136, Namještaj

HRN EN 13721:2008 en

Namještaj – Ocjenjivanje stupnja refleksije površine (EN 13721:2004)
Furniture – Assessment of the surface reflectance (EN 13721:2004)
- zamijenjena s: HRN EN 13721:2023

HRS CEN/TS 16611:2017 en

Namještaj – Procjena otpornosti površine na mikroogrebotine (CEN/TS 16611:2016)
Furniture – Assessment of the surface resistance to microscratching (CEN/TS 16611:2016)
- zamijenjena s: HRN EN 16611:2023

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

HRN EN 549:2019 en

Elastomerni materijali za brtve i membrane za plinske uređaje i plinsku opremu (EN 549:2019)
Rubber materials for seals and diaphragms for gas appliances and gas equipment (EN 549:2019)
- zamijenjena s: HRN EN 549:2023

HRN EN 1401-1:2019 en

Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Neomekšani poli(vinil-klorid) (PVC-U) – 1. dio: Specifikacije za cijevi, spojnice i sustav (EN 1401-1:2019)
Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U) – Part 1: Specifications for pipes, fittings and the system (EN 1401-1:2019)
- zamijenjena s: HRN EN 1401-1:2023

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22476-5:2012 en

Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 5. dio: Ispitivanje savitljivim dilatometrom (ISO 22476-5:2012; EN ISO 22476-5:2012)
Geotechnical investigation and testing – Field testing – Part 5: Flexible dilatometer test (ISO 22476-5:2012; EN ISO 22476-5:2012)
- zamijenjena s: HRN EN ISO 22476-5:2023

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19157:2014 en
Geoinformacije – Kvaliteta podataka (ISO 19157:2013;
EN ISO 19157:2013)
Geographic information – Data quality (ISO 19157:2013;
EN ISO 19157:2013)
- zamijenjena s: HRN EN ISO 19157-1:2023

HRN EN ISO 19157:2014/A1:2018 en
Geoinformacije – Kvaliteta podataka – Amandman 1:
Opisivanje kvalitete podataka pomoću pokrivenosti
(ISO 19157:2013/Amd 1:2018; EN ISO 19157:2013/A1:2018)
Geographic information – Data quality – Amendment 1: Describing
data quality using coverages (ISO 19157:2013/Amd 1:2018;
EN ISO 19157:2013/A1:2018)
- zamijenjena s: HRN EN ISO 19157-1:2023

HZN/TO 218, Drvo

HRN EN 351-1:2008 en
Trajnost drva i proizvoda na osnovi drva – Masivno drvo
tretirano sredstvima za zaštitu drva – 1. dio: Klasifikacija
penetracije i retencije zaštitnog sredstva (EN 351-1:2007)
Durability of wood and wood-based products
– Preservative-treated solid wood – Part 1: Classification of
preservative penetration and retention (EN 351-1:2007)
- zamijenjena s: HRN EN 351-1:2023

HRN EN 351-2:2008 en
Trajnost drva i proizvoda na osnovi drva – Masivno drvo
tretirano sredstvima za zaštitu drva – 2. dio: Smjernice za
uzorkovanje drva tretiranog zaštitnim sredstvima za analizu
(EN 351-2:2007)
Durability of wood and wood-based products – Preservative-treated
solid wood – Part 2: Guidance on sampling for the analysis of
preservative-treated wood (EN 351-2:2007)
- zamijenjena s: HRN EN 351-2:2023

HZN/TO 503, Metalni materijali

HRN EN ISO 4491-2:2008 en
Metalni prah – Određivanje udjela kisika redukcijskom
metodom – 2. dio: Gubitak mase redukcijom vodika (gubitak
vodika) (ISO 4491-2:1997; EN ISO 4491-2:1999)
Metallic powders – Determination of oxygen content by
reduction methods – Part 2: Loss of mass on hydrogen reduction
(hydrogen loss) (ISO 4491-2:1997; EN ISO 4491-2:1999)
- zamijenjena s: HRN EN ISO 4491-2:2023

HRN EN 10359:2015 en
Laserski zavareni umeci, krojeni po mjeri – Tehnički uvjeti
isporuke (EN 10359:2015)
Laser welded tailored blanks – Technical delivery conditions
(EN 10359:2015)
- zamijenjena s: HRN EN 10359:2023

HRN EN 24491-1:2008 en
Metalni prah – Određivanje udjela kisika redukcijskom
metodom – 1. dio: Opće smjernice (ISO 4491-1:1989;
EN 24491-1:1993)
Metallic powders – Determination of oxygen content by
reduction methods – Part 1: General guidelines (ISO 4491-1:1989;
EN 24491-1:1993)
- zamijenjena s: HRN EN ISO 4491-1:2023

HZN/TO 516, Usluge prijevoza

HRN EN 16258:2013 en
Metodologija za proračun i određivanje potrošnje energije i
emisije stakleničkih plinova u uslugama prijevoza (prijevoz
tereta i putnika) (EN 16258:2012)
Methodology for calculation and declaration of energy
consumption and GHG emissions of transport services
(freight and passengers) (EN 16258:2012)
- zamijenjena s: HRN EN ISO 14083:2023

HZN/TO 522, Gospodarenje otpadom i karakterizacija mulja

HRN EN 1501-4:2008 en
Vozila za skupljanje otpada i pripadne naprave za podizanje
– Opći i sigurnosni zahtjevi – 4. dio: Ispitivanja buke za vozila
za skupljanje otpada (EN 1501-4:2007)
Refuse collection vehicles and their associated lifting
devices – General requirements and safety requirements
– Part 4: Noise test code for refuse collection vehicles
(EN 1501-4:2007)
- zamijenjena s: HRN EN 1501-4:2023

HZN/TO 524, Inteligentni transportni sustavi

HRN ISO 14813-5:2013 en
Informacije o prometu i kontrolni sustavi – Referentni model
arhitekture ITS sektora – 5. dio: Zahtjevi opisa arhitekture u
ITS normama (ISO 14813-5:2010)
Intelligent transport systems – Reference model
architecture(s) for the ITS sector – Part 5: Requirements for
architecture description in ITS standards (ISO 14813-5:2010)
- zamijenjena s: HRN ISO 14813-5:2023

HRS CEN ISO/TS 21177:2021 en
Inteligentni transportni sustavi – Sigurnosne usluge
ITS stanice za sigurno uspostavljanje sesije i provjeru
autentičnosti između pouzdanih uređaja (ISO/TS 21177:2019;
CEN ISO/TS 21177:2019)
Intelligent transport systems – ITS station security services
for secure session establishment and authentication between
trusted devices (ISO/TS 21177:2019; CEN ISO/TS 21177:2019)
- zamijenjena s: HRN EN ISO 21177:2023

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

HRN EN ISO 283:2015 en
Tekstilne transportne trake – Prekidna čvrstoća pri punoj
debljini, izduženje pri prekidu i izduženje pri referentnom
opterećenju – Metoda ispitivanja (ISO 283:2015;
EN ISO 283:2015)
Textile conveyor belts – Full thickness tensile strength,
elongation at break and elongation at the reference load
– Test method (ISO 283:2015; EN ISO 283:2015)
- zamijenjena s: HRN EN ISO 283:2023

HZN/TO 531, Plastika i guma

HRN EN ISO 527-4:2022 en
Plastika – Određivanje rasteznih svojstava – 4. dio: Uvjeti
ispitivanja izotropnih i ortotropnih plastičnih kompozita
ojačanih vlaknima (ISO 527-4:2021, ispravljena verzija 2022-02;
EN ISO 527-4:2021)
Plastics – Determination of tensile properties – Part 4: Test
conditions for isotropic and orthotropic fibre-reinforced plastic
composites (ISO 527-4:2021, Corrected version 2022-02;
EN ISO 527-4:2021)
- zamijenjena s: HRN EN ISO 527-4:2023

HRN EN ISO 5774:2016 en
Plastična crijeva – Tekstilom ojačani tipovi za upotrebu pri
djelovanju sličenog zraka – Specifikacija (ISO 5774:2016;
EN ISO 5774:2016)
Plastics hoses – Textile-reinforced types for compressed-air
applications – Specification (ISO 5774:2016; EN ISO 5774:2016)
- zamijenjena s: HRN EN ISO 5774:2023

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-4:2015 en
Bitumenske mješavine – Metode ispitivanja – 4. dio: Izdvajanje
bitumena: frakcijska kolona (EN 12697-4:2015)
Bituminous mixtures – Test methods – Part 4: Bitumen
recovery: Fractionating column (EN 12697-4:2015)
- zamijenjena s: HRN EN 12697-4:2023

HRN EN 12697-43:2014 en
Bitumenske mješavine – Metode ispitivanja za asfalt
proizveden vrućim postupkom – 43. dio: Otpornost na gorivo
(EN 12697-43:2014)
Bituminous mixtures – Test methods for hot mix asphalt
– Part 43: Resistance to fuel (EN 12697-43:2014)
- zamijenjena s: HRN EN 12697-43:2023

HZN/TO 543, Poštanske usluge

HRN EN ISO 19160-4:2018 en
Adresiranje – 4. dio: Sastavnice i jezični predlošci
za međunarodne poštanske adrese (ISO 19160-4:2017;
EN ISO 19160-4:2017)
Addressing – Part 4: International postal address components and
template languages (ISO 19160-4:2017; EN ISO 19160-4:2017)
- zamijenjena s: HRN EN ISO 19160-4:2023

HZN/TO 551, Gradnja

HRN EN 15434:2010 en
Staklo u graditeljstvu – Norma za proizvod za konstrukcijsko
i/ili ultravioleto, otporno konstrukcijsko brtvilo (za upotrebu
s konstrukcijskim brtvilom stakla i/ili izolacijskog stakla s
izloženim brtvilom) (EN 15434:2006+A1:2010)
Glass in building – Product standard for structural and/or
ultra-violet resistant sealant (for use with structural sealant
glazing and/or insulating glass units with exposed seals)
(EN 15434:2006+A1:2010)
- zamijenjena s: HRN EN 15434-1:2023

HZN/TO 556, *Osobna zaštitna oprema*

HRN EN 1384:2017 en
Kacige za konjičke aktivnosti (EN 1384:2017)
Helmets for equestrian activities (EN 1384:2017)
- zamijenjena s: HRN EN 1384:2023

HZN/TO 557, *Zaštitna odjeća*

HRN EN 14058:2017 en
Zaštitna odjeća – Odjevni predmeti za zaštitu od hladne okoline (EN 14058:2017)
Protective clothing – Garments for protection against cool environments (EN 14058:2017)
- zamijenjena s: HRN EN 14058:2023

HZN/TO 560, *Tekstilni proizvodi*

HRS CWA 17553:2021 hr-en
Maske za lice za građanstvo – Upute za minimalne zahtjeve, metode ispitivanja i upotrebu (CWA 17553:2020)
Community face coverings – Guide to minimum requirements, methods of testing and use (CWA 17553:2020)
- zamijenjena s: HRS CEN/TS 17553:2023

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

HRN EN 564:2015 hr-en
Planinarska oprema – Pomoćna užad – Sigurnosni zahtjevi i metode ispitivanja (EN 564:2014)
Mountaineering equipment – Accessory cord – Safety requirements and test methods (EN 564:2014)
- zamijenjena s: HRN EN 564:2023

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

HRN EN 62311:2008 en
Ocjena elektroničke i električne opreme s obzirom na ograničenja izloženosti ljudi elektromagnetskim poljima (0 Hz-300 GHz) (IEC 62311:2007, MOD; EN 62311:2008)
Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz) (IEC 62311:2007, MOD; EN 62311:2008)
- zamijenjena s: HRN EN 62311:2020

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

HRN EN 302-8:2017 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 8. dio: Ispitivanje statičkog opterećenja uzoraka u pritisnom smicanju s višestrukom spojom linijom uzoraka (EN 302-8:2017)
Adhesives for load-bearing timber structures – Test methods – Part 8: Static load test of multiple bond line specimens in compression shear (EN 302-8:2017)
- zamijenjena s: HRN EN 302-8:2023

HRN EN ISO 13132:2012 en
Laboratorijsko stakleno posuđe – Petrijeve zdjelice (ISO 13132:2011; EN ISO 13132:2011)
Laboratory glassware – Petri dishes (ISO 13132:2011; EN ISO 13132:2011)
- zamijenjena s: HRN EN ISO 13132:2023

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

HRN EN ISO 7439:2015 en
Kontracepcijski intrauterini ulošci s bakrom – Zahtjevi i ispitivanja (ISO 7439:2015; EN ISO 7439:2015)
Copper-bearing contraceptive intrauterine devices – Requirements and tests (ISO 7439:2015; EN ISO 7439:2015)
- zamijenjena s: HRN EN ISO 7439:2023

HRN EN ISO 8325:2008 en
Stomatologija – Metode ispitivanja za rotirajuće instrumente (ISO 8325:2004; EN ISO 8325:2004)
Dentistry – Test methods for rotary instruments (ISO 8325:2004; EN ISO 8325:2004)
- zamijenjena s: HRN EN ISO 8325:2023

HRN EN ISO 11608-5:2012 en
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 5. dio: Automatske funkcije (ISO 11608-5:2012; EN ISO 11608-5:2012)
Needle-based injection systems for medical use – Requirements and test methods – Part 5: Automated functions (ISO 11608-5:2012; EN ISO 11608-5:2012)
- zamijenjena s: HRN EN ISO 11608-5:2023

1.6 Ispravci hrvatskih norma

U popisima hrvatskih norma objavljenim u ranijim brojevima službenog glasila potkrale su se pogreške. Niže navodimo ispravne oznake i naslove hrvatskih norma. Navedeni ispravci smatraju se službenom informacijom i nisu nužno uključeni u norme koje su prethodno objavljene.

HZN/TO 147, *Kvaliteta vode*

• umjesto

HRN EN ISO 13164-1:2020
Kvaliteta vode – Radon-222 – 1. dio: Opća načela (ISO 13164-1:2013; EN ISO 13164-1:2020)
Water quality – Radon-222 – Part 1: General principles (ISO 13164-1:2013; EN ISO 13164-1:2020)

• treba biti

HRN EN ISO 13164-1:2020
Kvaliteta vode – Radon-222 – 1. dio: Opća načela (ISO 13164-1:2013, **ispravljena verzija 2013-11-15**; EN ISO 13164-1:2020)
Water quality – Radon-222 – Part 1: General principles (ISO 13164-1:2013, **Correction version 2013-11-15**; EN ISO 13164-1:2020)

• umjesto

HRN EN 903:2002
Kakvoća vode – Određivanje anionskih tenzida mjerenjem indeksa metilenskog modrila (MMAT) (EN 903:1993)
Water quality – Determination of anionic surfactants by measurement of the methylene blue index MBAS (EN 903:1993)

• treba biti

HRN EN 903:2002
Kvaliteta vode – Određivanje anionskih tenzida mjerenjem indeksa metilenskog modrila (MMAT) (**ISO 7875-1:1984, preinačena**; EN 903:1993)
Water quality – Determination of anionic surfactants by measurement of the methylene blue index MBAS (**ISO 7875-1:1984, modified**; EN 903:1993)

• umjesto

HRN EN 1233:1998
Kakvoća vode – Određivanje kroma – **Metoda** atomske apsorpcijske spektrometrije (EN 1233:1996)
Water quality – Determination of chromium – Atomic absorption spectrometric **method** (EN 1233:1996)

• treba biti

HRN EN 1233:1998
Kvaliteta vode – Određivanje kroma – **Metode** atomske apsorpcijske spektrometrije (EN 1233:1996)
Water quality – Determination of chromium – Atomic absorption spectrometric **methods** (EN 1233:1996)

• umjesto

HRN ISO 8288:1998
Kakvoća vode – Određivanje kobalta, nikla, bakra, cinka, kadmija i olova – **Metoda** plamene atomske apsorpcijske spektrometrije (ISO 8288:1986)
Water quality – Determination of cobalt, nickel, copper, zinc, cadmium and lead – Flame atomic absorption spectrometric **method** (ISO 8288:1986)

• treba biti

HRN ISO 8288:1998
Kvaliteta vode – Određivanje kobalta, nikla, bakra, cinka, kadmija i olova – **Metode** plamene atomske apsorpcijske spektrometrije (ISO 8288:1986)
Water quality – Determination of cobalt, nickel, copper, zinc, cadmium and lead – Flame atomic absorption spectrometric **methods** (ISO 8288:1986)

HZN/TO E9, *Električna oprema za željeznicu*

- **umjesto**

HRN EN 50443:2013

Željezničke primjene – Stabilna postrojenja – Učinci elektromagnetske interferencije od izmjenične struje za željeznicu na vodovodne cijevi – Prihvatljive vrijednosti i zaštitne mjere (EN 50443:2011)

Effects of electromagnetic interference on pipelines caused by high voltage a.c. electric traction systems and/or high voltage a.c. power supply systems (EN 50443:2011)

- **treba biti**

HRN EN 50443:2013

Učinci elektromagnetske interferencije na cjevovode, uzrokovane visokonaponskim izmjeničnim sustavima željezničke vuče i/ili visokonaponskim izmjeničnim elektroenergetskim sustavima (EN 50443:2011)

Effects of electromagnetic interference on pipelines caused by high voltage a.c. electric traction systems and/or high voltage a.c. power supply systems (EN 50443:2011)

1.10 **Prijevodi hrvatskih normativnih dokumenata**

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

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome i engleskome jeziku, kao dvojezično izdanje:

HRN EN 13480-1:2017 hr,en-en pr-pp
Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2017)
Metallic industrial piping – Part 1: General (EN 13480-1:2017)

HRN EN 13480-1:2017/A1:2019 hr,en-en pr-pp
Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2017/A1:2019)
Metallic industrial piping – Part 1: General (EN 13480-1:2017/A1:2019)

HZN/TO E31, *Eksplzivne atmosfere*

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome jeziku:

HRN EN IEC 60079-0:2018 hr-en pr-pp
Eksplzivne atmosfere – 0. dio: Oprema – Opći zahtjevi (IEC 60079-0:2017; EN IEC 60079-0:2018)
Explosive atmospheres – Part 0: Equipment – General requirements (IEC 60079-0:2017; EN IEC 60079-0:2018)

HRN EN IEC 60079-0:2018/Ispr.1:2020 hr-en pr-pp
Eksplzivne atmosfere – 0. dio: Oprema – Opći zahtjevi (IEC 60079-0:2017/Corr.1:2020; EN IEC 60079-0:2018/AC:2020)
Explosive atmospheres – Part 0: Equipment – General requirements (IEC 60079-0:2017/Corr.1:2020; EN IEC 60079-0:2018/AC:2020)

2 Rezultati mednarodne i evropske normizacije

Evropska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 1474-2/AC	Installation and equipment for liquefied natural gas – Design and testing of marine transfer systems – Part 2: Design and testing of transfer hoses	75.200	2023-03
EN 1990	Eurocode – Basis of structural and geotechnical design	91.010.30	2023-03
EN 1999-1-1	Eurocode 9 – Design of aluminium structures – Part 1-1: General rules	91.010.30; 91.080.17	2023-03
EN 1999-1-2	Eurocode 9 – Design of aluminium structures – Part 1-2: Structural fire design	13.220.50; 91.010.30; 91.080.17	2023-03
EN 1999-1-3	Eurocode 9 – Design of aluminium structures – Part 1-3: Structures susceptible to fatigue	91.010.30; 91.080.17	2023-03
EN 1999-1-4	Eurocode 9 – Design of aluminium structures – Part 1-4: Cold-formed structural sheeting	91.010.30; 91.080.17	2023-03
EN 1999-1-5	Eurocode 9 – Design of aluminium structures – Part 1-5: Shell structures	91.010.30; 91.080.17	2023-03
EN 3475-505	Aerospace series – Cables, electrical, aircraft use – Test methods – Part 505: Tensile test on conductors and strands	49.060	2023-03
EN 4650	Aerospace series – Wire and cable marking process, UV Laser	49.060	2023-03
EN 4877-002	Aerospace series – Filler metals for welding – Part 002: Authorized filler metals	25.160.20	2023-03
EN 10248-1	Hot-rolled steel sheet piles – Part 1: Technical delivery conditions	77.140.70	2023-03
EN 12255-4	Wastewater treatment plants – Part 4: Primary treatment	13.060.30	2023-03
EN 12255-10	Wastewater treatment plants – Part 10: Safety principles	13.060.30	2023-03
EN 12729	Devices to prevent pollution by backflow of potable water – Controllable backflow preventer with reduced pressure zone – Family B – Type A	13.060.20; 91.140.60	2023-03
EN 12790-1	Child care articles – Reclined cradles – Part 1: Reclined cradles for children up to when they start to try to sit up	97.190	2023-03
EN 12790-2	Child care articles – Reclined cradles – Part 2: Reclined cradles for children up to when they start to stand up	97.190	2023-03
EN 13077	Devices to prevent pollution by backflow of potable water – Air gap with non-circular overflow (unrestricted) – Family A – Type B	13.060.20	2023-03
EN 13281	Inland navigation vessels – Safety requirements for walkways and working places	47.060	2023-03
CEN/TR 13387-3	Child care articles – General safety guidelines – Part 3: Mechanical hazards	97.190	2023-03
EN 13445-2/A1	Unfired pressure vessels – Part 2: Materials	23.020.30	2023-03
EN 13523-14	Coil coated metals – Test methods – Part 14: Chalking (Helmen method)	25.220.60	2023-03
EN 14154-4	Water meters – Part 4: Additional functionalities	91.140.60	2023-03
EN 14242	Aluminium and aluminium alloys – Chemical analysis – Inductively coupled plasma optical emission spectrometric analysis	77.040.30; 77.120.10	2023-03
EN 14885/AC	Chemical disinfectants and antiseptics – Application of European Standards for chemical disinfectants and antiseptics	11.080.20; 71.100.35	2023-03
EN 15085-4	Railway applications – Welding of railway vehicles and components – Part 4: Production requirements	25.160.10; 45.060.01	2023-03
EN 15085-5	Railway applications – Welding of railway vehicles and components – Part 5: Inspection, testing and documentation	25.160.10; 45.060.01	2023-03
EN 15195	Liquid petroleum products – Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels by combustion in a constant volume chamber	75.160.20	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN 15509	Electronic fee collection – Interoperability application profile for DSRC	35.240.60	2023-03
EN 15522-1	Oil spill identification – Petroleum and petroleum related products – Part 1: Sampling	13.020.40; 75.080	2023-03
EN 15522-2	Oil spill identification – Petroleum and petroleum related products – Part 2: Analytical method and interpretation of results based on GC-FID and GC-low resolution-MS analyses	13.020.40; 75.080	2023-03
EN 15725	Extended application on the fire performance of construction products and building elements: Principle of EXAP standards and EXAP reports	13.220.50	2023-03
EN 16307-2	Industrial trucks – Safety requirements and verification – Part 2: Supplementary requirements for self-propelled variable-reach trucks	53.060	2023-03
EN 16307-3	Industrial trucks – Safety requirements and verification – Part 3: Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1)	53.060	2023-03
EN 16568	Automotive fuels – Blends of Fatty acid methyl ester (FAME) with diesel fuel – Determination of oxidation stability by rapidly accelerated oxidation method at 120 °C	75.160.20	2023-03
EN 17020-5	Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows – Part 5: Durability of self-closing of hinged and pivoted timber doorsets	13.220.50; 91.060.50	2023-03
EN 17665+A1	Packaging – Test methods and requirements to demonstrate that plastic caps and lids remain attached to beverage containers	55.100	2023-03
EN 17683	Animal feeding stuffs – Methods of sampling and analysis – Determination of pyrrolizidine alkaloids in animal feeding stuff by LC-MS/MS	65.120	2023-03
EN 17685-1	Earthworks – Chemical tests – Part 1: Determination of loss on ignition	13.080.99; 93.020	2023-03
EN 17805	Water quality – Sampling, capture and preservation of environmental DNA from water	13.060.70	2023-03
EN 17824	Railway applications – Ground based services – Exhaust treatment fluid (AUS 32) refilling equipment	45.060.10; 75.200	2023-03
CEN/TS 17831	Cycles – Electrically power assisted cycles – Anti-tampering measures	43.150	2023-03
EN 17869	Hardware for furniture – Test methods for strength and overload tests of connectors for furniture constructed from panel material	97.140	2023-03
CEN/TR 17909	Hydrometry – On-site measurement of snow depth and depth of snowfall	7.060	2023-03
CWA 17974	Basic CBRN training curriculum for first responders and medical staff including first receivers	03.100.30; 11.020.99	2023-03
EN 50065-4-1	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-1: Low voltage decoupling filters – Generic specification	31.160; 33.040.30; 97.120	2023-03
EN 50065-4-3	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-3: Low voltage decoupling filter – Incoming filter	31.160; 33.040.30; 97.120	2023-03
EN 50065-4-4	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-4: Low voltage decoupling filter – Impedance filter	31.160; 33.040.30; 97.120	2023-03
EN 50065-4-5	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-5: Low voltage decoupling filter – Segmentation filter	31.160; 33.040.30; 97.120	2023-03
EN 50065-4-6	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-6: Low voltage decoupling filters – Phase coupler	31.160; 33.040.30; 97.120	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50104/A1	Electrical equipment for the detection and measurement of oxygen – Performance requirements and test methods	13.320	2023-03
EN 50136-2/A1	Alarm systems – Alarm transmission systems and equipment – Part 2: Requirements for Supervised Premises Transceiver (SPT)	13.320; 33.040.40	2023-03
EN 50600-2-4	Information technology – Data centre facilities and infrastructures – Part 2-4: Telecommunications cabling infrastructure	35.020; 35.110; 35.160	2023-03
EN 50631-1	Household appliances network and grid connectivity – Part 1: General requirements, generic data modelling and neutral messages	97.120	2023-03
EN 50631-2	Household appliances network and grid connectivity – Part 2: Product specific mappings, details, requirements and deviations	97.120	2023-03
EN 50631-3-1	Household appliances network and grid connectivity – Part 3-1: Specific Data Model Mapping: SPINE and SPINE-IoT	97.120	2023-03
EN 50631-4-1	Household appliances network and grid connectivity – Part 4-1: Communication Protocol Specific Aspects: SPINE, SPINE-IoT and SHIP	97.120	2023-03
EN IEC 60034-7/AC	Rotating electrical machines – Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code) (IEC 60034-7:2020/COR1:2023)	29.160.01	2023-03
EN IEC 60076-25	Power transformers – Part 25: Neutral grounding resistors (IEC 60076-25:2023)	29.180	2023-03
EN 60115-1	Fixed resistors for use in electronic equipment – Part 1: Generic specification (IEC 60115-1:2020, modified)	31.040.10	2023-03
EN IEC 60335-2-9	Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (IEC 60335-2-9:2019)	13.120; 97.040.20; 97.040.50	2023-03
EN IEC 60335-2-9/A11	Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	13.120; 97.040.20; 97.040.50	2023-03
EN IEC 60379	Methods for measuring the performance of electric storage water heaters for household purposes (IEC 60379:2023)	91.140.65	2023-03
EN IEC 60384-14	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)	31.060.10	2023-03
EN IEC 60384-20	Fixed capacitors for use in electronic equipment – Part 20: Sectional specification – Fixed metallized polyphenylene sulfide film dielectric surface mount DC capacitors (IEC 60384-20:2023)	31.060.10; 31.060.30	2023-03
EN IEC 60384-23	Fixed capacitors for use in electronic equipment – Part 23: Sectional specification – Fixed metallized polyethylene naphthalate film dielectric surface mount DC capacitors (IEC 60384-23:2023)	31.060.10; 31.060.30	2023-03
EN IEC 60404-12	Magnetic materials – Part 12: Methods of test for the assessment of the thermal endurance of surface insulation coatings on electrical steel strip and sheet (IEC 60404-12:2023)	17.220.01; 29.030	2023-03
EN IEC 60794-1-308	Optical fibre cables – Part 1-308: Generic specification – Basic optical cable test procedures – Cable element test methods – Ribbon residual twist test, method G8 (IEC 60794-1-308:2023)	33.180.10	2023-03
EN IEC 60947-4-2	Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – Semiconductor motor controllers, starters and soft-starters (IEC 60947-4-2:2020)	29.130.20	2023-03
EN IEC 60947-6-2	Low-voltage switchgear and controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:2020 + COR1:2021)	29.120.40; 29.130.20	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61076-3-126	Connectors for electrical and electronic equipment – Product requirements – Part 3-126: Rectangular connectors – Detail specification for 5-way power connectors for industrial environments with push-pull locking (IEC 61076-3-126:2023)	31.220.10	2023-03
EN IEC 61291-2	Optical amplifiers – Part 2: Single channel applications – Performance specification template (IEC 61291-2:2023)	33.180.30	2023-03
EN IEC 61300-2-1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-1: Tests – Vibration (sinusoidal) (IEC 61300-2-1:2023)	33.180.20	2023-03
EN IEC 61300-2-18	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-18: Tests – Dry heat (IEC 61300-2-18:2023)	33.180.20	2023-03
EN 61951-1/A1	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 1: Nickel-cadmium (IEC 61951-1:2017/AMD1:2023)	29.220.30	2023-03
EN IEC 61969-1	Mechanical structures for electrical and electronic equipment – Outdoor enclosures – Part 1: Design guidelines (IEC 61969-1:2023)	31.240	2023-03
EN IEC 62087-2	Audio, video, and related equipment – Determination of power consumption – Part 2: Signals and media (IEC 62087-2:2023)	33.140; 33.160.10	2023-03
EN IEC 62087-3	Audio, video, and related equipment – Determination of power consumption – Part 3: Television sets (IEC 62087-3:2023)	33.140; 33.160.10	2023-03
EN IEC 62148-22	Fibre optic active components and devices – Package and interface standards – Part 22: 25 Gbit/s directly modulated laser packages with temperature control unit (IEC 62148-22:2023)	33.180.01; 33.180.20	2023-03
EN IEC 62149-12	Fibre optic active components and devices – Performance standards – Part 12: Distributed feedback laser diode device for analogue radio over fibre systems (IEC 62149-12:2023)	33.180.20; 33.180.30	2023-03
EN IEC 62246-4	Reed switches – Part 4: Application in conjunction with magnetic actuator used for magnetic sensing devices (IEC 62246-4:2023)	29.120.70	2023-03
EN IEC 62471-7	Photobiological safety of lamps and lamp systems – Part 7: Light sources and luminaires primarily emitting visible radiation (IEC 62471-7:2023)	29.140.01; 31.260	2023-03
EN 62488-2/AC	Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC (IEC 62488-2:2017/COR2:2023)	29.240.20; 33.200	2023-03
EN IEC 62631-3-1	Dielectric and resistive properties of solid insulating materials – Part 3-1: Determination of resistive properties (DC methods) – Volume resistance and volume resistivity – General method (IEC 62631-3-1:2023)	17.220.99; 29.035.01	2023-03
EN IEC 62722-2-1	Luminaire performance – Part 2-1: Particular requirements – LED luminaires (IEC 62722-2-1:2023)	29.140.40	2023-03
EN IEC/ASTM 62885-7/A1	Surface cleaning appliances – Part 7: Dry cleaning robots for household or similar use – Methods for measuring the performance (IEC/ASTM 62885-7:2020/AMD1:2022)	97.080	2023-03
EN ISO 252	Conveyor belts – Adhesion between constitutive elements – Test methods (ISO 252:2023)	53.040.20	2023-03
EN ISO 293	Plastics – Compression moulding of test specimens of thermoplastic materials (ISO 293:2023)	83.080.20	2023-03
EN ISO 583	Conveyor belts with a textile carcass – Total belt thickness and thickness of constitutive elements – Test methods (ISO 583:2023)	53.040.20	2023-03
EN ISO 2171	Cereals, pulses and by-products – Determination of ash yield by incineration (ISO 2171:2023)	67.060	2023-03
EN ISO 3252	Powder metallurgy – Vocabulary (ISO 3252:2023)	01.040.77; 77.160	2023-03
EN ISO 3691-2	Industrial trucks – Safety requirements and verification – Part 2: Self-propelled variable-reach trucks (ISO 3691-2:2023)	53.060	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 3691-3/A1	Industrial trucks – Safety requirements and verification – Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads – Amendment 1 (ISO 3691-3:2016/Amd 1:2023)	53.060	2023-03
EN ISO 4803	Laboratory glassware – Borosilicate glass tubing (ISO 4803:2021)	71.040.20	2023-03
EN ISO 5817	Welding – Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) – Quality levels for imperfections (ISO 5817:2023)	25.160.40	2023-03
EN ISO 7010/A4	Graphical symbols – Safety colours and safety signs – Registered safety signs – Amendment 4 (ISO 7010:2019/Amd 4:2021)	01.080.10; 01.080.20	2023-03
EN ISO 7010/A5	Graphical symbols – Safety colours and safety signs – Registered safety signs – Amendment 5 (ISO 7010:2019/Amd 5:2022)	01.080.10; 01.080.20	2023-03
EN ISO 7010/A6	Graphical symbols – Safety colours and safety signs – Registered safety signs – Amendment 6 (ISO 7010:2019/Amd 6:2022)	01.080.10; 01.080.20	2023-03
EN ISO 8062-3	Geometrical product specifications (GPS) – Dimensional and geometrical tolerances for moulded parts – Part 3: General dimensional and geometrical tolerances and machining allowances for castings using \pm tolerances for indicated dimensions (ISO 8062-3:2023)	17.040.10	2023-03
EN ISO 8325	Dentistry – Test methods for rotary instruments (ISO 8325:2023)	11.060.20	2023-03
EN ISO 8536-15/A1	Infusion equipment for medical use – Part 15: Light-protective infusion sets for single use – Amendment 1 (ISO 8536-15:2022/Amd 1:2023)	11.040.20	2023-03
CEN ISO/TS 9241-430	Ergonomics of human-system interaction – Part 430: Recommendations for the design of non-touch gestural input for the reduction of biomechanical stress (ISO/TS 9241-430:2021)	13.100; 13.180; 35.180	2023-03
EN ISO 10088	Small craft – Permanently installed fuel systems (ISO 10088:2022)	47.080	2023-03
EN ISO 11210	Jewellery and precious metals – Determination of platinum – Gravimetry using ammonium chloride (ISO 11210:2023)	39.060	2023-03
EN ISO 11357-1	Plastics – Differential scanning calorimetry (DSC) – Part 1: General principles (ISO 11357-1:2023)	83.080.01	2023-03
EN ISO 11490	Jewellery and precious metals – Determination of palladium – Gravimetry using dimethylglyoxime (ISO 11490:2023)	39.060	2023-03
EN ISO 11591/A1	Small craft – Field of vision from the steering position – Amendment 1 (ISO 11591:2020/Amd 1:2022)	47.080	2023-03
EN ISO 11608-5	Needle-based injection systems for medical use – Requirements and test methods – Part 5: Automated functions (ISO 11608-5:2022)	11.040.25	2023-03
EN ISO 11819-1	Acoustics – Measurement of the influence of road surfaces on traffic noise – Part 1: Statistical Pass-By method (ISO 11819-1:2023)	17.140.30	2023-03
EN ISO 13590	Small craft – Personal watercraft – Construction and system installation requirements (ISO 13590:2022)	47.080	2023-03
EN ISO 14375	Child-resistant non-reclosable packaging for pharmaceutical products – Requirements and testing (ISO 14375:2018)	55.020	2023-03
EN ISO 16610-62	Geometrical product specifications (GPS) – Filtration – Part 62: Linear areal filters: Spline filters (ISO 16610-62:2023)	17.040.20; 17.040.40	2023-03
EN ISO 17092	Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of corrosion resistance of monolithic ceramics in acid and alkaline solutions (ISO 17092:2005)	81.060.30	2023-03
CEN ISO/TS 17251	Health informatics – Business requirements for a syntax to exchange structured dose information for medicinal products (ISO/TS 17251:2023)	35.240.80	2023-03
EN ISO 17947	Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods for chemical analysis of fine silicon nitride powders (ISO 17947:2014)	81.060.30	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 19085-12/A11	Woodworking machines – Safety – Part 12: Tenoning/profiling machines (ISO 19085-12:2021)	13.110; 79.120.10	2023-03
EN ISO 19749	Nanotechnologies – Measurements of particle size and shape distributions by scanning electron microscopy (ISO 19749:2021)	7.120	2023-03
CEN ISO/TS 19807-2	Nanotechnologies – Magnetic nanomaterials – Part 2: Specification of characteristics and measurement methods for nanostructured magnetic beads for nucleic acid extraction (ISO/TS 19807-2:2021)	7.120	2023-03
EN ISO 20509	Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of oxidation resistance of non-oxide monolithic ceramics (ISO 20509:2003)	81.060.30	2023-03
CEN ISO/TS 21357	Nanotechnologies – Evaluation of the mean size of nano-objects in liquid dispersions by static multiple light scattering (SMLS) (ISO/TS 21357:2022)	7.120	2023-03
EN ISO 21487	Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2022)	47.080	2023-03
EN ISO 21805	Guidance and recommendations on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO 21805:2023)	13.220.10; 91.140.30	2023-03
EN ISO 21872-1/A1	Microbiology of the food chain – Horizontal method for the determination of <i>Vibrio</i> spp. – Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i> – Amendment 1: Inclusion of performance testing of culture media and reagents (ISO 21872-1:2017/Amd 1:2023)	07.100.30	2023-03
EN ISO 23401-1	Dentistry – Chairside denture base relining materials – Part 1: Hard type materials (ISO 23401-1:2023)	11.060.10	2023-03
EN ISO 24370	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for fracture toughness of monolithic ceramics at room temperature by chevron-notched beam (CNB) method (ISO 24370:2005)	81.060.30	2023-03
EN ISO 28862	Packaging – Child-resistant packaging – Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products (ISO 28862:2018)	55.020	2023-03
EN ISO/ASTM 52911-3	Additive Manufacturing – Design – Part 3: PBF-EB of metallic materials (ISO/ASTM 52911-3:2023)	25.030	2023-03
HD 620 S3	Distribution cables with extruded insulation for rated voltages from 3,6/6 (7,2) kV up to and including 20,8/36 (42) kV	29.060.20	2023-03

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50065-4-1	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-1: Low voltage decoupling filters – Generic specification	31.160; 33.040.30; 97.120	2023-03
EN 50065-4-3	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-3: Low voltage decoupling filter – Incoming filter	31.160; 33.040.30; 97.120	2023-03
EN 50065-4-4	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-4: Low voltage decoupling filter – Impedance filter	31.160; 33.040.30; 97.120	2023-03
EN 50065-4-5	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-5: Low voltage decoupling filter – Segmentation filter	31.160; 33.040.30; 97.120	2023-03
EN 50065-4-6	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-6: Low voltage decoupling filters – Phase coupler	31.160; 33.040.30; 97.120	2023-03
EN 50104/A1	Electrical equipment for the detection and measurement of oxygen – Performance requirements and test methods	13.320	2023-03
EN 50136-2/A1	Alarm systems – Alarm transmission systems and equipment – Part 2: Requirements for Supervised Premises Transceiver (SPT)	13.320; 33.040.40	2023-03
EN 50600-2-4	Information technology – Data centre facilities and infrastructures – Part 2-4: Telecommunications cabling infrastructure	35.020; 35.110; 35.160	2023-03
EN 50631-1	Household appliances network and grid connectivity – Part 1: General requirements, generic data modelling and neutral messages	97.120	2023-03
EN 50631-2	Household appliances network and grid connectivity – Part 2: Product specific mappings, details, requirements and deviations	97.120	2023-03
EN 50631-3-1	Household appliances network and grid connectivity – Part 3-1: Specific Data Model Mapping: SPINE and SPINE-IoT	97.120	2023-03
EN 50631-4-1	Household appliances network and grid connectivity – Part 4-1: Communication Protocol Specific Aspects: SPINE, SPINE-IoT and SHIP	97.120	2023-03
EN IEC 60034-7/AC	Rotating electrical machines – Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code) (IEC 60034-7:2020/COR1:2023)	29.160.01	2023-03
EN IEC 60076-25	Power transformers – Part 25: Neutral grounding resistors (IEC 60076-25:2023)	29.180	2023-03
EN 60115-1	Fixed resistors for use in electronic equipment – Part 1: Generic specification (IEC 60115-1:2020, modified)	31.040.10	2023-03
EN IEC 60335-2-9	Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (IEC 60335-2-9:2019)	13.120; 97.040.20; 97.040.50	2023-03
EN IEC 60335-2-9/A11	Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	13.120; 97.040.20; 97.040.50	2023-03
EN IEC 60379	Methods for measuring the performance of electric storage water heaters for household purposes (IEC 60379:2023)	91.140.65	2023-03
EN IEC 60384-14	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)	31.060.10	2023-03
EN IEC 60384-20	Fixed capacitors for use in electronic equipment – Part 20: Sectional specification – Fixed metallized polyphenylene sulfide film dielectric surface mount DC capacitors (IEC 60384-20:2023)	31.060.10; 31.060.30	2023-03
EN IEC 60384-23	Fixed capacitors for use in electronic equipment – Part 23: Sectional specification – Fixed metallized polyethylene naphthalate film dielectric surface mount DC capacitors (IEC 60384-23:2023)	31.060.10; 31.060.30	2023-03
EN IEC 60404-12	Magnetic materials – Part 12: Methods of test for the assessment of the thermal endurance of surface insulation coatings on electrical steel strip and sheet (IEC 60404-12:2023)	17.220.01; 29.030	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60794-1-308	Optical fibre cables – Part 1-308: Generic specification – Basic optical cable test procedures – Cable element test methods – Ribbon residual twist test, method G8 (IEC 60794-1-308:2023)	33.180.10	2023-03
EN IEC 60947-4-2	Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – Semiconductor motor controllers, starters and soft-starters (IEC 60947-4-2:2020)	29.130.20	2023-03
EN IEC 60947-6-2	Low-voltage switchgear and controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:2020 + COR1:2021)	29.120.40; 29.130.20	2023-03
EN IEC 61076-3-126	Connectors for electrical and electronic equipment – Product requirements – Part 3-126: Rectangular connectors – Detail specification for 5-way power connectors for industrial environments with push-pull locking (IEC 61076-3-126:2023)	31.220.10	2023-03
EN IEC 61291-2	Optical amplifiers – Part 2: Single channel applications – Performance specification template (IEC 61291-2:2023)	33.180.30	2023-03
EN IEC 61300-2-1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-1: Tests – Vibration (sinusoidal) (IEC 61300-2-1:2023)	33.180.20	2023-03
EN IEC 61300-2-18	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-18: Tests – Dry heat (IEC 61300-2-18:2023)	33.180.20	2023-03
EN 61951-1/A1	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary sealed cells and batteries for portable applications – Part 1: Nickel-cadmium (IEC 61951-1:2017/AMD1:2023)	29.220.30	2023-03
EN IEC 61969-1	Mechanical structures for electrical and electronic equipment – Outdoor enclosures – Part 1: Design guidelines (IEC 61969-1:2023)	31.240	2023-03
EN IEC 62087-2	Audio, video, and related equipment – Determination of power consumption – Part 2: Signals and media (IEC 62087-2:2023)	33.140; 33.160.10	2023-03
EN IEC 62087-3	Audio, video, and related equipment – Determination of power consumption – Part 3: Television sets (IEC 62087-3:2023)	33.140; 33.160.10	2023-03
EN IEC 62148-22	Fibre optic active components and devices – Package and interface standards – Part 22: 25 Gbit/s directly modulated laser packages with temperature control unit (IEC 62148-22:2023)	33.180.01; 33.180.20	2023-03
EN IEC 62149-12	Fibre optic active components and devices – Performance standards – Part 12: Distributed feedback laser diode device for analogue radio over fibre systems (IEC 62149-12:2023)	33.180.20; 33.180.30	2023-03
EN IEC 62246-4	Reed switches – Part 4: Application in conjunction with magnetic actuator used for magnetic sensing devices (IEC 62246-4:2023)	29.120.70	2023-03
EN IEC 62471-7	Photobiological safety of lamps and lamp systems – Part 7: Light sources and luminaires primarily emitting visible radiation (IEC 62471-7:2023)	29.140.01; 31.260	2023-03
EN 62488-2/AC	Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC (IEC 62488-2:2017/COR2:2023)	29.240.20; 33.200	2023-03
EN IEC 62631-3-1	Dielectric and resistive properties of solid insulating materials – Part 3-1: Determination of resistive properties (DC methods) – Volume resistance and volume resistivity – General method (IEC 62631-3-1:2023)	17.220.99; 29.035.01	2023-03
EN IEC 62722-2-1	Luminaire performance – Part 2-1: Particular requirements – LED luminaires (IEC 62722-2-1:2023)	29.140.40	2023-03
EN IEC/ASTM 62885-7/A1	Surface cleaning appliances – Part 7: Dry cleaning robots for household or similar use – Methods for measuring the performance (IEC/ASTM 62885-7:2020/AMD1:2022)	97.080	2023-03
HD 620 S3	Distribution cables with extruded insulation for rated voltages from 3,6/6 (7,2) kV up to and including 20,8/36 (42) kV	29.060.20	2023-03

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI SR 000314 V 2.33.1	Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards	01.120; 03.140; 33.020	2023-03
ETSI TS 102223 V 17.2.0	Smart Cards – Card Application Toolkit (CAT) (Release 17)	35.240.15	2023-03
ETSI TS 102268 V 7.2.0	Smart Cards – Test specification for the UICC Application Programming Interface (API) for Java Card(TM) (Release 7)	35.240.15	2023-03
ETSI TS 103120 V 1.13.1	Lawful Interception (LI) – Interface for warrant information	33.040.35	2023-03
ETSI TR 103138 V 1.6.1	Speech and multimedia Transmission Quality (STQ) – Speech samples and their use for QoS testing	33.040.01	2023-03
ETSI TS 103221-1 V 1.14.1	Lawful Interception (LI) – Internal Network Interfaces – Part 1: X1	33.040.35	2023-03
ETSI TS 103457 V 1.2.1	CYBER – Trusted Cross-Domain Interface: Interface to offload sensitive functions to a trusted domain	33.040.99; 35.030	2023-03
ETSI TS 103479 V 1.2.1	Emergency Communications (EMTEL) – Core elements for network independent access to emergency services	33.040.01	2023-03
ETSI TS 103625 V 1.3.1	Emergency Communications (EMTEL) – Transporting Handset Location to PSAPs for Emergency Communications – Advanced Mobile Location	33.040.01	2023-03
ETSI TS 103634 V 1.4.1	Digital Enhanced Cordless Telecommunications (DECT) – Low Complexity Communication Codec plus (LC3plus)	33.070.30	2023-03
ETSI TR 103670 V 1.1.1	Digital Enhanced Cordless Telecommunications (DECT) – Study on Interworking of DECT with 3GPP networks	33.070.30	2023-03
ETSI TR 103875-2 V 1.1.1	User Centric approach in Digital Ecosystem – The Smart Interface – Part 2: Smart Identity: A Proof of Concept	33.040.01	2023-03
ETSI TS 119403-2 V 1.3.1	Electronic Signatures and Infrastructures (ESI) – Trust Service Provider Conformity Assessment – Part 2: Additional requirements for Conformity Assessment Bodies auditing Trust Service Providers that issue Publicly-Trusted Certificates	33.040.01	2023-03
ETSI GR ETI 002 V 1.1.1	Encrypted Traffic Integration (ETI) – Requirements definition and analysis	35.110	2023-03
ETSI GR SAI 007 V 1.1.1	Securing Artificial Intelligence (SAI) – Explicability and transparency of AI processing	35.240.01	2023-03
ETSI GR SAI 013 V 1.1.1	Securing Artificial Intelligence (SAI) – Proofs of Concepts Framework	35.240.01	2023-03
ETSI GS MEC 030 V 3.1.1	Multi-access Edge Computing (MEC) – V2X Information Services API	33.070.99	2023-03
ETSI GS MEC 037 V 3.1.1	Multi-access Edge Computing (MEC) – Application Package Format and Descriptor Specification	35.110	2023-03
ETSI GS NFV-IFA 005 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Or-Vi reference point – Interface and Information Model Specification	33.040.40; 35.110	2023-03
ETSI GS NFV-IFA 006 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Vi-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2023-03
ETSI GS NFV-IFA 007 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Or-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2023-03
ETSI GS NFV-IFA 008 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Ve-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2023-03
ETSI GS NFV-IFA 010 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Functional requirements specification	33.040.40; 35.110	2023-03
ETSI GS NFV-IFA 011 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – VNF Descriptor and Packaging Specification	33.040.40; 35.110	2023-03
ETSI GS NFV-IFA 013 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Os-Ma-nfvo reference point – Interface and Information Model Specification	33.040.40; 35.110	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS NFV-IFA 014 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Network Service Templates Specification	33.040.40; 35.110	2023-03
ETSI GS NFV-IFA 027 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Performance Measurements Specification	35.110	2023-03
ETSI GS NFV-IFA 030 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Multiple Administrative Domain Aspect Interfaces Specification	35.110	2023-03
ETSI GS NFV-IFA 031 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Requirements and interfaces specification for management of NFV-MANO	35.110	2023-03
ETSI GS NFV-IFA 032 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Interface and Information Model Specification for Multi-Site Connectivity Services	35.110	2023-03
ETSI GS NFV-IFA 036 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Requirements for service interfaces and object model for container cluster management and orchestration specification	35.110	2023-03
ETSI GS NFV-IFA 040 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Requirements for service interfaces and object model for OS container management and orchestration specification	35.110	2023-03
ETSI GS NFV-IFA 047 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Management data analytics Service Interface and Information Model Specification	35.110	2023-03
ETSI GS NFV-SOL 004 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – VNF Package and PNFD Archive specification	35.110	2023-03
ETSI GS NFV-SOL 006 V 3.7.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – NFV descriptors based on YANG Specification	35.110	2023-03
ETSI GS NFV-SOL 011 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – RESTful protocols specification for the Or-Or Reference Point	35.110	2023-03
ETSI GS NFV-SOL 012 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – RESTful protocols specification for the Policy Management Interface	35.110	2023-03
ETSI GS NFV-SOL 014 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – YAML data model specification for descriptor-based virtualised resource management	35.110	2023-03
ETSI GS NFV-TST 010 V 3.6.1	Network Functions Virtualisation (NFV) Release 3 – Testing – API Conformance Testing Specification	35.110	2023-03

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO Draft Guide 83	Harmonized structure for MSS with guidance for use	01.120; 03.100.01	2023-03
ISO 188	Rubber, vulcanized or thermoplastic – Accelerated ageing and heat resistance tests	83.060	2023-03
ISO 226	Acoustics – Normal equal-loudness-level contours	13.140	2023-03
ISO 233-3	Information and documentation – Transliteration of Arabic characters into Latin characters – Part 3: Persian language – Transliteration	01.140.10	2023-03
ISO 252	Conveyor belts – Adhesion between constitutive elements – Test methods	53.040.20	2023-03
ISO 283	Textile conveyor belts – Full thickness tensile strength, elongation at break and elongation at the reference load – Test method	53.040.20	2023-03
ISO 527-4	Plastics – Determination of tensile properties – Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites	83.120	2023-03
ISO 535	Paper and board – Determination of water absorptiveness – Cobb method	85.060	2023-03
ISO/IEC 1539-1 Technical Corrigendum 2	Information technology – Programming languages – Fortran – Part 1: Base language; Technical Corrigendum 2	35.060	2023-03
ISO 3548-3	Plain bearings – Thin-walled half bearings with or without flange – Part 3: Determination of the peripheral length	21.100.10	2023-03
ISO 3691-2	Industrial trucks – Safety requirements and verification – Part 2: Self-propelled variable-reach trucks	53.060	2023-03
ISO 3691-3 AMD 1	Industrial trucks – Safety requirements and verification – Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads; Amendment 1	53.060	2023-03
ISO 3826-1 AMD 1	Plastics collapsible containers for human blood and blood components – Part 1: Conventional containers; Amendment 1	11.040.20	2023-03
ISO 3977-2	Gas turbines – Procurement – Part 2: Standard reference conditions and ratings	27.040	2023-03
ISO/IEC 4005-1	Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) – Part 1: Communication model and requirements	35.100.05; 49.020	2023-03
ISO/IEC 4005-2	Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) – Part 2: Physical and data link protocols for shared communication	35.100.10; 35.100.20; 49.020	2023-03
ISO/IEC 4005-3	Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) – Part 3: Physical and data link protocols for control communication	35.100.10; 35.100.20; 49.020	2023-03
ISO/IEC 4005-4	Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) – Part 4: Physical and data link protocols for video communication	35.100.10; 35.100.20; 49.020	2023-03
ISO 4063	Welding, brazing, soldering and cutting – Nomenclature of processes and reference numbers	01.040.25; 25.160.01	2023-03
ISO 4233	Reactor technology – Nuclear fusion reactors – Hot helium leak testing method for high temperature pressure-bearing components in nuclear fusion reactors	27.120.20	2023-03
ISO/TS 4240-1	Fine bubble technology – Environmental applications – Part 1: Inspection method using online particle counter in dissolved air flotation (DAF) plant	7.030	2023-03
ISO 4491-1	Metallic powders – Determination of oxygen content by reduction methods – Part 1: General guidelines	77.160	2023-03
ISO 4529	Industrial furnaces and associated processing equipment – Secondary steelmaking – Machinery and equipment for treatment of liquid steel	25.180.01; 77.180	2023-03
ISO 4548-14	Methods of test for full-flow lubricating oil filters for internal combustion engines – Part 14: Hydraulic pulse durability for composite filter housings	27.020	2023-03
ISO/TS 4689-1	Iron ores – Determination of sulfur content – Part 1: Barium sulfate gravimetric method	73.060.10	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 4845	Ships and marine technology – Combined rigging for deep-sea mooring	47.020.50	2023-03
ISO/DTR 5262	Motorcycles – Guideline for verification of total running resistance force during mode running on a chassis dynamometer	43.140	2023-03
ISO/TR 5601	Paints and varnishes – Determination of volatile organic compound (VOC) and/or semi-volatile organic compound (SVOC) content – Best practices for the selection of test methods	87.040	2023-03
ISO 5667-1	Water quality – Sampling – Part 1: Guidance on the design of sampling programmes and sampling techniques	13.060.45	2023-03
ISO 5722	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for determining tensile and shear creep of ceramic adhesive	81.060.30	2023-03
ISO 6055	Industrial trucks – Overhead guards – Specification and testing	53.060	2023-03
ISO 6181	Fertilizers and soil conditioners – Liquid methylene-urea slow release fertilizers – General requirements	65.080	2023-03
ISO 6612	Windows and doors – Resistance to wind load – Test method	91.060.50	2023-03
ISO 6613	Windows and doors – Air permeability – Test method	91.060.50	2023-03
ISO/DTR 7250-2	Basic human body measurements for technological design – Part 2: Statistical summaries of body measurements from national populations	13.180	2023-03
ISO/TS 7352	Freight containers – NFC or/and QR code seals	55.180.10	2023-03
ISO 7870-2	Control charts – Part 2: Shewhart control charts	03.120.30	2023-03
ISO 8000-51	Data quality – Part 51: Data governance: Exchange of data policy statements	25.040.40	2023-03
ISO 8000-117	Data quality – Part 117: Application of ISO 8000-115 to identifiers in distributed ledgers including blockchains	25.040.40	2023-03
ISO 8124-3 AMD 1	Safety of toys – Part 3: Migration of certain elements – Amendment 1: Limits for boron and other elements in slime, and barium in modelling clay	97.200.50	2023-03
ISO 8325	Dentistry – Test methods for rotary instruments	11.060.20	2023-03
ISO 8536-15 AMD 1	Infusion equipment for medical use – Part 15: Light-protective infusion sets for single use; Amendment 1	11.040.20	2023-03
ISO/IEC/IEEE 8802-1AC AMD 1	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Part 1AC: Media access control (MAC) service definition – Amendment 1: Support for ISO/IEC/IEEE 8802-15-3	35.110	2023-03
ISO/IEC/IEEE 8802-1BA	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 1BA: Audio video bridging (AVB) systems	35.110	2023-03
ISO/TR 9241-100	Ergonomics of human-system interaction – Part 100: Overview of ISO 9241 software ergonomic standards	13.180; 35.180	2023-03
ISO 9924-1	Rubber and rubber products – Determination of the composition of vulcanizates and uncured compounds by thermogravimetry – Part 1: Butadiene, ethylene-propylene copolymer and terpolymer, isobutene-isoprene, isoprene and styrene-butadiene rubbers	83.060	2023-03
ISO/DTR 9968	Road vehicles – Functional safety – Application to generic rechargeable energy storage systems for new energy vehicle	43.040.10	2023-03
ISO 10651-4	Lung ventilators – Part 4: Particular requirements for user-powered resuscitators	11.040.10	2023-03
ISO 11088	Alpine ski/binding/boot (S-B-B) system – Assembly, adjustment and inspection	97.220.20	2023-03
ISO/DTR 11147	Health informatics – Personalized digital health – Digital therapeutics health software systems	35.240.80	2023-03
ISO 11154	Road vehicles – Roof load carriers	43.040.60	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 11992-2	Road vehicles – Interchange of digital information on electrical connections between towing and towed vehicles – Part 2: Application layer for brakes and running gear	43.040.15	2023-03
ISO 12924	Lubricants, industrial oils and related products (Class L) – Family X (Greases) – Specifications	75.100	2023-03
ISO 13520	Determination of ferrite content in austenitic stainless steel castings	77.140.80	2023-03
ISO 14083	Greenhouse gases – Quantification and reporting of greenhouse gas emissions arising from transport chain operations	13.020.40	2023-03
ISO 15370 AMD 1	Ships and marine technology – Low-location lighting (LLL) on passenger ships – Arrangement; Amendment 1	47.020.99	2023-03
ISO 16028	Hydraulic fluid power – Dimensions and requirements of quick-action couplings, flush-face type	23.100.40	2023-03
ISO/DTR 16340	Application of blockchain-based traceability platform for cold chain food	35.240.99; 67.020	2023-03
ISO 16387	Soil quality – Effects of contaminants on Enchytraeidae (Enchytraeus sp.) – Determination of effects on reproduction	13.080.30	2023-03
ISO 16976-5	Respiratory protective devices – Human factors – Part 5: Thermal effects	13.340.30	2023-03
ISO 16976-7	Respiratory protective devices – Human factors – Part 7: Hearing and speech	13.340.30	2023-03
ISO 17225-8	Solid biofuels – Fuel specifications and classes – Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use	27.190; 75.160.40	2023-03
ISO 17499	Carbonaceous materials used in the production of aluminium – Determination of baking level expressed by equivalent temperature	71.100.10	2023-03
ISO 18123	Solid biofuels – Determination of volatile matter	27.190; 75.160.40	2023-03
ISO/TS 18198	Determination of long-term flow of geosynthetic drains	59.080.70	2023-03
ISO/TS 18621-21	Graphic technology – Image quality evaluation methods for printed matter – Part 21: Measurement of 1D distortions of macroscopic uniformity utilizing scanning spectrophotometers	37.100.10	2023-03
ISO 18639-4 AMD 1	PPE ensembles for firefighters undertaking specific rescue activities – Part 4: Gloves; Amendment 1	13.340.40	2023-03
ISO/DPAS 18940-1	Imaging materials – Image permanence specification of reflection photographic prints for indoor applications – Part 1: Test methods	37.040.20	2023-03
ISO 19092	Financial services – Biometrics – Security framework	03.060; 35.240.40	2023-03
ISO 19388	Sludge recovery, recycling, treatment and disposal – Requirements and recommendations for the operation of anaerobic digestion facilities	13.030.20	2023-03
ISO/TS 19392-5	Paints and varnishes – Coating systems for wind-turbine rotor blades – Part 5: Measurement of transmittance properties of UV protective coatings	87.040	2023-03
ISO 19694-3	Stationary source emissions – Determination of greenhouse gas emissions in energy-intensive industries – Part 3: Cement industry	13.020.40; 13.040.40	2023-03
ISO 19694-4	Stationary source emissions – Determination of greenhouse gas emissions in energy-intensive industries – Part 4: Aluminium industry	13.020.40; 13.040.40	2023-03
ISO 19694-5	Stationary source emissions – Determination of greenhouse gas emissions in energy-intensive industries – Part 5: Lime industry	13.020.40; 13.040.40	2023-03
ISO 19694-6	Stationary source emissions – Determination of greenhouse gas emissions in energy-intensive industries – Part 6: Ferroalloys and silicon industry	13.020.40; 13.040.40	2023-03
ISO/IEC TR 20322	Information technology – Cross-jurisdictional and societal aspects of implementation of biometric technologies – Biometrics and elderly people	13.180; 35.240.15	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 20440	Health informatics – Identification of medicinal products – Implementation guidelines for ISO 11239 data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging	35.240.80	2023-03
ISO 20560-2	Safety information for the content of piping systems and tanks – Part 2: Tanks	01.080.20	2023-03
ISO 20567-4	Paints and varnishes – Determination of stone-chip resistance of coatings – Part 4: Mobile multi-impact testing on a small testing area	87.040	2023-03
ISO 20671-2	Brand evaluation – Part 2: Implementation and reporting	3.140	2023-03
ISO 20715	Tea – Classification of tea types	67.140.10	2023-03
ISO 21219-1	Intelligent transport systems – Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) – Part 1: Introduction, numbering and versions (TPEG2-INV)	03.220.20; 35.240.60	2023-03
ISO/TR 21636-2	Language coding – A framework for language varieties – Part 2: Description of the framework	01.140.20	2023-03
ISO/IEC 22121-2	Information technology – Virtual keyboards user interfaces – Part 2: On-screen keyboards with direct touch interface	35.180	2023-03
ISO/TS 22133	Road vehicles – Test object monitoring and control for active safety and automated/autonomous vehicle testing – Functional requirements, specifications and communication protocol	43.020	2023-03
ISO 22476-5	Geotechnical investigation and testing – Field testing – Part 5: Prebored pressuremeter test	93.020	2023-03
ISO 22712	Refrigerating systems and heat pumps – Competence of personnel	03.100.30; 27.080; 27.200	2023-03
ISO 22915-10	Industrial trucks – Verification of stability – Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices	53.060	2023-03
ISO 22915-20	Industrial trucks – Verification of stability – Part 20: Additional stability test for trucks operating in the special condition of offset load, offset by utilization	53.060	2023-03
ISO/IEC 23090-9	Information technology – Coded representation of immersive media – Part 9: Geometry-based point cloud compression	35.040.40	2023-03
ISO 23401-1	Dentistry – Chairside denture base relining materials – Part 1: Hard type materials	11.060.10	2023-03
ISO/CIE 23539	Photometry – The CIE system of physical photometry	17.180.01	2023-03
ISO 23582-1	Plastics and rubber machines – Clamping systems – Part 1: Safety requirements for magnetic clamping systems	83.200	2023-03
ISO/DTR 23585	Safety and environment information for biogas plants, biogas transportation and biogas use	27.190	2023-03
ISO 23704-3	General requirements for cyber-physically controlled smart machine tool systems (CPSMT) – Part 3: Reference architecture of CPSMT for additive manufacturing	25.040.20	2023-03
ISO 23772	Pulps – Kraft liquor – Determination of residual alkali using potentiometric titration	85.040	2023-03
ISO 23774	Pulps – Kraft liquor – Determination of total, active and effective alkali using potentiometric titration	85.040	2023-03
ISO 23777	Pulps – Kraft liquor – Determination of hydrosulphide ion concentration using potentiometric titration	85.040	2023-03
ISO 23807	Ships and marine technology – General requirements for the asynchronous time-insensitive ship-shore data transmission	47.020.70	2023-03
ISO/TS 24064	Document management – Portable document format – RichMedia annotations conforming to the ISO 10303-242 (STEP AP 242) specification	25.040.40; 35.240.30; 35.240.50	2023-03
ISO 24131-1	Internal protection by polymeric lining for ductile iron pipes – Requirements and test methods – Part 1: Polyurethane lining	23.040.10	2023-03
ISO 24131-2	Internal protection by polymeric lining for ductile iron pipes – Requirements and test methods – Part 2: Epoxy lining	23.040.10	2023-03
ISO 24482	Large yachts – Navigational bridge visibility	47.040	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 24620-4	Language resource management – Controlled human communication (CHC) – Part 4: Basic principles and methodology for stylistic guidelines (BSG)	01.140.20	2023-03
ISO 24649 AMD 1	Agricultural irrigation equipment – Manually and hydraulically operated plastics valves; Amendment 1	65.060.35	2023-03
ISO/IEC/IEEE 26531	Systems and software engineering – Content management for product life cycle, user and service management information for users	35.080	2023-03
ISO/DTR 27925	Carbon dioxide capture, transportation and geological storage – Cross cutting issues – Flow assurance	13.020.40	2023-03
ISO/IEC 29128-1	Information security, cybersecurity and privacy protection – Verification of cryptographic protocols – Part 1: Framework	35.030	2023-03
ISO/IEC 29168-1	Information technology – Open systems interconnection – Part 1: Object identifier resolution system	35.100.01	2023-03
ISO/IEC 30134-7	Information technology – Data centres key performance indicators – Part 7: Cooling efficiency ratio (CER)	35.020; 91.120.10	2023-03
ISO/IEC 30161-2	Internet of Things (IoT) – Data exchange platform for IoT services – Part 2: Transport interoperability between nodal points	35.020	2023-03
ISO 37184	Sustainable mobility and transportation – Framework for transportation services by providing meshes for 5G communication	03.220.01; 13.020.20	2023-03
ISO 41015	Facility management – Influencing organizational behaviours for improved facility outcomes	03.080.10	2023-03
ISO 52000-3	Energy performance of buildings – Overarching EPB assessment – Part 3: General principles for determination and reporting of primary energy factors (PEF) and CO ₂ emission coefficients	91.120.10	2023-03

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/TR 63411	Grid Connection of Offshore Wind via VSC-HVDC System	27.160; 27.180	2023-03
IEC/TR 63493-1	Transformer bushings dimensional standardization – Part 1: Medium voltage and low voltage bushings	29.080.20	2023-03
IEC/TR 63493-2	Transformer bushings dimensional standardization – Part 2: High voltage bushings	29.080.20	2023-03
IEC/TR 63442	Guidelines for the assessment of rodent resistance for optical fibre cable	33.180.10	2023-03
IEC/TR 63167	Assessment of contact current related to human exposure to electric, magnetic and electromagnetic fields	17.240	2023-03
IEC/TR 62715-5-61	Flexible display devices – Part 5-61: Stretchable displays – Overview of measurement and application scenarios	31.120	2023-03
IEC/TR 62595-1-6	Display light unit – Part 1-6: Quantum dot films and quantum dot diffuser plates used in backlight unit	31.120	2023-03
IEC 60034-7 Corrigendum 1	Rotating electrical machines – Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code); Corrigendum 1	29.160.01	2023-03
IEC 60350-1	Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance	97.040.20	2023-03
IEC 60691	Thermal-links – Requirements and application guide	29.120.50	2023-03
IEC 60747-5-16	Semiconductor devices – Part 5-16: Optoelectronic devices – Light emitting diodes – Test method of the flat-band voltage of GaN-based light emitting diodes based on the photocurrent spectroscopy	31.080.99; 31.260	2023-03
IEC 60747-18-4	Semiconductor devices – Part 18-4: Semiconductor bio sensors – Evaluation method of noise characteristics of lens-free CMOS photonic array sensors	31.080.99	2023-03
IEC 60747-18-5	Semiconductor devices – Part 18-5: Semiconductor bio sensors – Evaluation method for light responsivity characteristics of lens-free CMOS photonic array sensor package modules by incident angle of light	31.080.99	2023-03
IEC 60794-2-10	Optical fibre cables – Part 2-10: Indoor optical fibre cables – Family specification for simplex and duplex cables	33.180.10	2023-03
IEC 60794-2-22	Optical fibre cables – Part 2-22: Indoor cables – Detail specification for multi-simplex breakout optical cables for use in terminated breakout cable assemblies	33.180.10	2023-03
IEC 60794-2-50	Optical fibre cables – Part 2-50: Indoor cables – Family specification for simplex and duplex cables for use in terminated cable assemblies	33.180.10	2023-03
IEC 60966-3-3	Radio frequency and coaxial cable assemblies – Part 3-3: Detail specification for semi-flexible cable assemblies (Jumper) – Frequency range up to 18 GHz, Type 50141 semi-flexible coaxial cable	33.120.01; 33.120.10	2023-03
IEC 60966-3-4	Radio frequency and coaxial cable assemblies – Part 3-4: Detail specification for semi-flexible cable assemblies (Jumper) – Frequency range up to 6 GHz, Type 50-141 semi-flexible coaxial cable	33.120.01; 33.120.10	2023-03
IEC 61156-1	Multicore and symmetrical pair/quad cables for digital communications – Part 1: Generic specification	33.120.20	2023-03
IEC 61158-1	Industrial communication networks – Fieldbus specifications – Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series	25.040.40; 33.040.40; 35.100.05; 35.110; 35.240.50	2023-03
IEC 61158-2	Industrial communication networks – Fieldbus specifications – Part 2: Physical layer specification and service definition	25.040.40; 35.100.10; 35.100.20; 35.160; 35.240.50	2023-03
IEC 61158-3-2	Industrial communication networks – Fieldbus specifications – Part 3-2: Data-link layer service definition – Type 2 elements	25.040.40; 35.100.20; 35.110; 35.160	2023-03
IEC 61158-3-4	Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements	25.040.40; 35.100.20; 35.110; 35.160	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61158-3-24	Industrial communication networks – Fieldbus specifications – Part 3-24: Data-link layer service definition – Type 24 elements	25.040.40; 35.100.20; 35.110; 35.160	2023-03
IEC 61158-3-28	Industrial communication networks – Fieldbus specifications – Part 3-28: Data-link layer service definition – Type 28 elements	25.040.40; 35.100.70; 35.160	2023-03
IEC 61158-4-2	Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements	25.040.40; 35.100.20; 35.110; 35.160	2023-03
IEC 61158-4-4	Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements	25.040.40; 35.100.20; 35.110; 35.160	2023-03
IEC 61158-4-21	Industrial communication networks – Fieldbus specifications – Part 4-21: Data-link layer protocol specification – Type 21 elements	25.040.40; 35.100.20; 35.110; 35.160	2023-03
IEC 61158-4-24	Industrial communication networks – Fieldbus specifications – Part 4-24: Data-link layer protocol specification – Type 24 elements	25.040.40; 35.100.20; 35.110; 35.160	2023-03
IEC 61158-4-28	Industrial communication networks – Fieldbus specifications – Part 4-28: Data-link layer protocol specification – Type 28 elements	35.100.70; 35.160	2023-03
IEC 61158-5-2	Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements	25.040.40; 35.100.70; 35.110	2023-03
IEC 61158-5-4	Industrial communication networks – Fieldbus specifications – Part 5-4: Application layer service definition – Type 4 elements	25.040.40; 35.100.70; 35.110	2023-03
IEC 61158-5-10	Industrial communication networks – Fieldbus specifications – Part 5-10: Application layer service definition – Type 10 elements	25.040.40; 35.100.70; 35.110	2023-03
IEC 61158-5-23	Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23 elements	25.040.40; 35.100.70; 35.110	2023-03
IEC 61158-5-24	Industrial communication networks – Fieldbus specifications – Part 5-24: Application layer service definition – Type 24 elements	25.040.40; 35.100.70; 35.110	2023-03
IEC 61158-5-26	Industrial communication networks – Fieldbus specifications – Part 5-26: Application layer service definition – Type 26 elements	25.040.40; 35.100.70; 35.110	2023-03
IEC 61158-5-27	Industrial communication networks – Fieldbus specifications – Part 5-27: Application layer service definition – Type 27 elements	35.100.70; 35.160	2023-03
IEC 61158-5-28	Industrial communication networks – Fieldbus specifications – Part 5-28: Application layer service definition – Type 28 elements	35.100.70; 35.160	2023-03
IEC 61158-6-2	Industrial communication networks – Fieldbus specifications – Part 6-2: Application layer protocol specification – Type 2 elements	25.040.40; 35.100.70; 35.110; 35.160	2023-03
IEC 61158-6-4	Industrial communication networks – Fieldbus specifications – Part 6-4: Application layer protocol specification – Type 4 elements	25.040.40; 35.100.70; 35.110; 35.160	2023-03
IEC 61158-6-10	Industrial communication networks – Fieldbus specifications – Part 6-10: Application layer protocol specification – Type 10 elements	25.040.40; 35.100.70; 35.110; 35.160	2023-03
IEC 61158-6-23	Industrial communication networks – Fieldbus specifications – Part 6-23: Application layer protocol specification – Type 23 elements	25.040.40; 35.100.70; 35.110; 35.160	2023-03
IEC 61158-6-24	Industrial communication networks – Fieldbus specifications – Part 6-24: Application layer protocol specification – Type 24 elements	25.040.40; 35.100.70; 35.110; 35.160	2023-03
IEC 61158-6-26	Industrial communication networks – Fieldbus specifications – Part 6-26: Application layer protocol specification – Type 26 elements	25.040.40; 35.100.70; 35.110; 35.160	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61158-6-27	Industrial communication networks – Fieldbus specifications – Part 6-27: Application layer protocol specification – Type 27 elements	35.100.70; 35.160	2023-03
IEC 61158-6-28	Industrial communication networks – Fieldbus specifications – Part 6-28: Application layer protocol specification – Type 28 elements	35.100.70; 35.160	2023-03
IEC 61196-1-123	Coaxial communication cables – Part 1-123: Electrical test methods – Test for attenuation constant of radiating cable	33.120.10	2023-03
IEC 61400-21-2	Wind energy generation systems – Part 21-2: Measurement and assessment of electrical characteristics – Wind power plants	17.220.20; 27.180	2023-03
IEC 61535	Installation couplers intended for permanent connection in fixed installations	29.120.99	2023-03
IEC 61591	Cooking fume extractors – Methods for measuring performance	97.040.20	2023-03
IEC 61676	Medical electrical equipment – Dosimetric instruments used for non-invasive measurement of X-ray tube voltage in diagnostic radiology	11.040.50; 11.040.55; 17.240	2023-03
IEC 61784-1-0	Industrial networks – Profiles – Part 1-0: Fieldbus profiles – General concepts and terminology	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-1	Industrial networks – Profiles – Part 1-1: Fieldbus profiles – Communication Profile Family 1	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-2	Industrial networks – Profiles – Part 1-2: Fieldbus profiles – Communication Profile Family 2	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-3	Industrial networks – Profiles – Part 1-3: Fieldbus profiles – Communication Profile Family 3	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-4	Industrial networks – Profiles – Part 1-4: Fieldbus profiles – Communication Profile Family 4	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-5	Industrial networks – Profiles – Part 1-5: Fieldbus profiles – Communication Profile Family 5	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-6	Industrial networks – Profiles – Part 1-6: Fieldbus profiles – Communication Profile Family 6	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-8	Industrial networks – Profiles – Part 1-8: Fieldbus profiles – Communication Profile Family 8	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-9	Industrial networks – Profiles – Part 1-9: Fieldbus profiles – Communication Profile Family 9	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-16	Industrial networks – Profiles – Part 1-16: Fieldbus profiles – Communication Profile Family 16	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-19	Industrial networks – Profiles – Part 1-19: Fieldbus profiles – Communication Profile Family 19	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-1-22	Industrial networks – Profiles – Part 1-22: Fieldbus profiles – Communication Profile Family 22	33.020; 35.160; 35.240.50	2023-03
IEC 61784-2-0	Industrial networks – Profiles – Part 2-0: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – General concepts and terminology	35.100.20; 35.160	2023-03
IEC 61784-2-2	Industrial networks – Profiles – Part 2-2: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 2	35.100.20; 35.160	2023-03
IEC 61784-2-3	Industrial networks – Profiles – Part 2-3: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 3	35.100.20; 35.160	2023-03
IEC 61784-2-4	Industrial networks – Profiles – Part 2-4: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 4	35.100.20; 35.160	2023-03
IEC 61784-2-6	Industrial networks – Profiles – Part 2-6: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 6	35.100.20; 35.160	2023-03
IEC 61784-2-8	Industrial networks – Profiles – Part 2-8: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 8	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-2-10	Industrial networks – Profiles – Part 2-10: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 10	35.100.20; 35.160; 35.240.50	2023-03
IEC 61784-2-19	Industrial networks – Profiles – Part 2-19: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 19	33.020; 35.100.20; 35.160	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62057-1	Electrical energy meters – Test equipment, techniques and procedures – Part 1: Stationary meter test units (MTUs)	17.220.20; 91.140.50	2023-03
IEC 62271-110	High-voltage switchgear and controlgear – Part 110: Inductive load switching	29.130.10	2023-03
IEC 62321-12	Determination of certain substances in electrotechnical products – Part 12: Simultaneous determination – Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry	01.110; 13.020.01; 29.020; 29.100.01	2023-03
IEC 62386-150	Digital addressable lighting interface – Part 150: Particular requirements – Auxiliary power supply	29.140.30; 29.140.50; 29.140.99; 35.240.99	2023-03
IEC 62488-2 Corrigendum 2	Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC; Corrigendum 2	29.240.20; 33.200	2023-03
IEC 62561-1	Lightning protection system components (LPSC) – Part 1: Requirements for connection components	29.020; 91.120.40	2023-03
IEC 62606 AMD 2 Corrigendum 1	General requirements for arc fault detection devices; Amendment 2; Corrigendum 1	29.120.50	2023-03
IEC 62715-6-22	Flexible display devices – Part 6-22: Crease and waviness measurement methods	31.120; 31.260	2023-03
IEC 62977-3-4	Electronic displays – Part 3-4: Evaluation of optical performances – High dynamic range displays	31.120; 31.160	2023-03
IEC 63203-204-1	Wearable electronic devices and technologies – Part 204-1: Electronic textile – Test method for assessing washing durability of e-textile products	59.080.01; 59.080.80	2023-03
IEC 63287-2	Semiconductor devices – Guidelines for reliability qualification plans – Part 2: Concept of mission profile	31.080.01	2023-03
IEC/TS 63384-1	Power system stability control – Part 1: Guideline for framework design of power system stability control	29.020; 29.240.01; 33.200	2023-03
IEC/TR 63410	Decentralized electrical energy systems roadmap	29.240.01	2023-03
ISO/IEC 1539-1 Technical Corrigendum 2	Information technology – Programming languages – Fortran – Part 1: Base language; Technical Corrigendum 2	35.060	2023-03
ISO/IEC 4005-1	Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) – Part 1: Communication model and requirements	35.100.05; 49.020	2023-03
ISO/IEC 4005-2	Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) – Part 2: Physical and data link protocols for shared communication	35.100.10; 35.100.20; 49.020	2023-03
ISO/IEC 4005-3	Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) – Part 3: Physical and data link protocols for control communication	35.100.10; 35.100.20; 49.020	2023-03
ISO/IEC 4005-4	Telecommunications and information exchange between systems – Unmanned aircraft area network (UAAN) – Part 4: Physical and data link protocols for video communication	35.100.10; 35.100.20; 49.020	2023-03
ISO/IEC/IEEE 8802-1AC AMD 1	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Part 1AC: Media access control (MAC) service definition – Amendment 1: Support for ISO/IEC/IEEE 8802-15-3	35.110	2023-03
ISO/IEC/IEEE 8802-1BA	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 1BA: Audio video bridging (AVB) systems	35.110	2023-03
ISO/IEC TR 20322	Information technology – Cross-jurisdictional and societal aspects of implementation of biometric technologies – Biometrics and elderly people	13.180; 35.240.15	2023-03
ISO/IEC 22121-2	Information technology – Virtual keyboards user interfaces – Part 2: On-screen keyboards with direct touch interface	35.180	2023-03
ISO/IEC 23090-9	Information technology – Coded representation of immersive media – Part 9: Geometry-based point cloud compression	35.040.40	2023-03

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC/IEEE 26531	Systems and software engineering – Content management for product life cycle, user and service management information for users	35.080	2023-03
ISO/IEC 29128-1	Information security, cybersecurity and privacy protection – Verification of cryptographic protocols – Part 1: Framework	35.030	2023-03
ISO/IEC 29168-1	Information technology – Open systems interconnection – Part 1: Object identifier resolution system	35.100.01	2023-03
ISO/IEC 30134-7	Information technology – Data centres key performance indicators – Part 7: Cooling efficiency ratio (CER)	35.020; 91.120.10	2023-03
ISO/IEC 30161-2	Internet of Things (IoT) – Data exchange platform for IoT services – Part 2: Transport interoperability between nodal points	35.020	2023-03