

Hrvatski zavod za norme

Oglasnik za normativne dokumente

8/2023

31. kolovoza 2023.

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 6, *Papir, karton i pulpe*

HRN ISO 3688:2023 en pr
Pulpe – Priprema laboratorijskog lista za mjerenje optičkih svojstava (ISO 3688:2022)
Pulps – Preparation of laboratory sheets for the measurement of optical properties (ISO 3688:2022)

HRN ISO 9184-1:2023 en pr
Papir, karton i pulpe – Analiza sastava vlakana – 1. dio: Opća metoda (ISO 9184-1:2023)
Paper, board and pulps – Fibre furnish analysis – Part 1: General method (ISO 9184-1:2023)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 14972-7:2023 en pr
Stabilni protupožarni sustavi – Sustavi vodene magle – 7. dio: Protokol ispitivanja za komercijalne prostore niske opasnosti za sustave s automatskim mlaznicama (EN 14972-7:2023)
Fixed firefighting systems – Water mist systems – Part 7: Test protocol for commercial low hazard occupancies for automatic nozzle systems (EN 14972-7:2023)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN ISO 3837:2002/A1:2023 en pr
Tekući naftni proizvodi – Određivanje tipova ugljikovodika – Metoda adsorpcije s fluorescentnim indikatorom (ISO 3837:1993/Amd 1:2021)
Liquid petroleum products – Determination of hydrocarbon types – Fluorescent indicator adsorption method (ISO 3837:1993/Amd 1:2021)

HRN ISO 7507-2:2023 en pr
Nafta i tekući naftni proizvodi – Kalibracija vertikalnih cilindričnih spremnika – 2. dio: Metoda optičke referentne linije ili elektro-optička metoda mjerenja udaljenosti (ISO 7507-2:2022)
Petroleum and liquid petroleum products – Calibration of vertical cylindrical tanks – Part 2: Optical-reference-line method or electro-optical distance-ranging method (ISO 7507-2:2022)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 3657:2023 en pr
Životinjske i biljne masti i ulja – Određivanje broja osapunjenja (ISO 3657:2023; EN ISO 3657:2023)
Animal and vegetable fats and oils – Determination of saponification value (ISO 3657:2023; EN ISO 3657:2023)

HRN EN ISO 27971:2023 en pr
Žitarice i proizvodi od žitarica – Krušna pšenica (*Triticum aestivum* L.) – Određivanje alveografskih svojstava tijesta komercijalnih ili ispitnih brašna uz konstantno vlaženje i postupak laboratorijskog mljevenja (ISO 27971:2023; EN ISO 27971:2023)
Cereals and cereal products – Common wheat (*Triticum aestivum* L.) – Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology (ISO 27971:2023; EN ISO 27971:2023)

HZN/TO 43, *Akustika*

HRN EN 14366-1:2023 en pr
Laboratorijsko mjerenje zračnog i strukturnog zvuka servisne opreme – 1. dio: Pravila primjene za instalacije otpadnih voda (EN 14366-1:2023)
Laboratory measurement of airborne and structure-borne sound from service equipment – Part 1: Application rules for waste water installations (EN 14366-1:2023)

HZN/TO 71, *Beton*

HRN EN 480-1:2023 en pr
Dodaci betonu, mortu i smjesi za injektiranje – Metode ispitivanja – 1. dio: Referentni beton i referentni mort za ispitivanje (EN 480-1:2023)
Admixtures for concrete, mortar and grout – Test methods – Part 1: Reference concrete and reference mortar for testing (EN 480-1:2023)

HRN EN 480-15:2023 en pr
Dodaci betonu, mortu i smjesi za injektiranje – Metode ispitivanja – 15. dio: Referentni beton i metoda ispitivanja dodataka za mijenjanje viskoznosti (EN 480-15:2023)
Admixtures for concrete, mortar and grout – Test methods – Part 15: Reference concrete and method for testing viscosity modifying admixtures (EN 480-15:2023)

HZN/TO 108, *Mehaničke vibracije i udari*

HRS ISO/TS 22704:2023 en pr
Mehaničke vibracije – Nesigurnost mjerenja i ocjenjivanja izloženosti ljudi vibracijama (ISO/TS 22704:2022)
Mechanical vibration – Uncertainty of the measurement and evaluation of human exposure to vibration (ISO/TS 22704:2022)

HZN/TO 120, *Koža i obuća*

HRN EN ISO 11936:2023 en pr
Koža – Određivanje ukupnog sadržaja određenih bisfenola (ISO 11936:2023; EN ISO 11936:2023)
Leather – Determination of total content of certain bisphenols (ISO 11936:2023; EN ISO 11936:2023)

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 5367:2023 en pr
Anestetička i respiracijska oprema – Sklopovi za disanje i priključci (ISO 5367:2023; EN ISO 5367:2023)
Anaesthetic and respiratory equipment – Breathing sets and connectors (ISO 5367:2023; EN ISO 5367:2023)

HRN EN ISO 27427:2023 en pr
Anestetička i respiracijska oprema – Sustavi i komponente za stvaranje aerosola (ISO 27427:2023; EN ISO 27427:2023)
Anaesthetic and respiratory equipment – Nebulizing systems and components (ISO 27427:2023; EN ISO 27427:2023)

HRN EN ISO 80601-2-72:2023 en pr
Medicinska električna oprema – Dio 2-72: Posebni zahtjevi za osnovnu sigurnost i nužne značajke uređaja za potporu disanju u kućnoj zdravstvenoj njezi kod pacijenata ovisnih o respiratoru (ISO 80601-2-72:2023; EN ISO 80601-2-72:2023)
Medical electrical equipment – Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients (ISO 80601-2-72:2023; EN ISO 80601-2-72:2023)

HZN/TO 126, *Duhan i duhanski proizvodi*

HRN ISO 3402:2023 en pr
Duhan i duhanski proizvodi – Atmosfera za kondicioniranje i ispitivanje (ISO 3402:2023)
Tobacco and tobacco products – Atmosphere for conditioning and testing (ISO 3402:2023)

HRN ISO 6565:2023 en pr
Duhan i duhanski proizvodi – Otpor cigareta uvlačenju i pad tlaka filtra – Standardni uvjeti i mjerenje (ISO 6565:2015)
Tobacco and tobacco products – Draw resistance of cigarettes and pressure drop of filter rods – Standard conditions and measurement (ISO 6565:2015)

HRN ISO 15592-3:2023 en pr
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 15592-3:2022)
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 (ISO 15592-3:2022)

HRN ISO 20193:2020/A1:2023 en pr
Duhan i duhanski proizvodi – Određivanje širine vlakana rezanog duhana (ISO 20193:2019/Amd 1:2021)
Tobacco and tobacco products – Determination of the width of the strands of cut tobacco (ISO 20193:2019/Amd 1:2021)

HRN ISO 21766:2023 en pr
Duhan i duhanski proizvodi – Određivanje nitrozamina specifičnih za duhanske proizvode – Metoda LC-MS/MS (ISO 21766:2021)
Tobacco and tobacco products – Determination of tobacco-specific nitrosamines in tobacco products – Method using LC-MS/MS (ISO 21766:2021)

HRN ISO 22980:2023 en pr
Duhan – Određivanje ukupnih alkaloida izraženih kao nikotin – Metoda analize kontinuiranog toka uporabom KSCN/DCIC (ISO 22980:2020)
Tobacco – Determination of the content of total alkaloids as nicotine – Continuous-flow analysis method using KSCN/DCIC (ISO 22980:2020)

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 12946:2023 en pr
Tvari za kalcifikaciju – Određivanje udjela kalcija i magnezija – Kompleksometrijska metoda (EN 12946:2023)
Liming materials – Determination of the calcium content and magnesium content – Complexometric method (EN 12946:2023)

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

HRN EN ISO 10468:2023 en pr
Staklom ojačane duromerne (GRP) cijevi – Određivanje obodne krutosti zbog puzanja pod vlažnim ili suhim uvjetima (ISO 10468:2023; EN ISO 10468:2023)
Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the ring creep properties under wet or dry conditions (ISO 10468:2023; EN ISO 10468:2023)

HZN/TO 159, Ergonomija

HRN EN ISO 7933:2023 en pr
Ergonomija toplinskog okoliša – Analitičko određivanje i interpretacija toplinskog naprezanja uporabom prediktivnog modela toplinskih deformacija (ISO 7933:2023; EN ISO 7933:2023)
Ergonomics of the thermal environment – Analytical determination and interpretation of heat stress using calculation of the predicted heat strain (ISO 7933:2023; EN ISO 7933:2023)

HZN/TO 163, Toplinska izolacija

HRN EN 15026:2023 en pr
Značajke građevnih dijelova i građevnih dijelova zgrada s obzirom na toplinu i vlagu – Procjena prijenosa vlage numeričkom simulacijom (EN 15026:2023)
Hygrothermal performance of building components and building elements – Assessment of moisture transfer by numerical simulation (EN 15026:2023)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 9342-1:2023 en pr
Optika i optički instrumenti – Ispitne leće za kalibraciju fokometara – 1. dio: Etalonske leće za fokometre koji se upotrebljavaju za mjerenje naočalnih leća (ISO 9342-1:2023; EN ISO 9342-1:2023)
Optics and optical instruments – Test lenses for calibration of focimeters – Part 1: Reference lenses for focimeters used for measuring spectacle lenses (ISO 9342-1:2023; EN ISO 9342-1:2023)

HRN EN ISO 24013:2023 en pr
Optika i fotonika – Laseri i pridružena oprema – Mjerenje faznog usporenja optičkih komponenti za polarizirano lasersko zračenje (ISO 24013:2023; EN ISO 24013:2023)
Optics and photonics – Lasers and laser-related equipment – Measurement of phase retardation of optical components for polarized laser radiation (ISO 24013:2023; EN ISO 24013:2023)

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

HRN EN ISO 25745-1:2023 en pr
Energetske značajke dizala, pokretnih stuba i pokretnih traka – 1. dio: Mjerenje energije i potvrđivanje (ISO 25745-1:2023; EN ISO 25745-1:2023)
Energy performance of lifts, escalators and moving walks – Part 1: Energy measurement and verification (ISO 25745-1:2023; EN ISO 25745-1:2023)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22477-2:2023 en pr
Geotehničko istraživanje i ispitivanje – Ispitivanje geotehničkih konstrukcija – 2. dio: Ispitivanje pilota statičkim vlačnim opterećenjem (ISO 22477-2:2023; EN ISO 22477-2:2023)
Geotechnical investigation and testing – Testing of geotechnical structures – Part 2: Testing of piles: static tension load testing (ISO 22477-2:2023; EN ISO 22477-2:2023)

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19123-1:2023 en pr
Geoinformacije – Shema za geometriju i funkcije pokrova – 1. dio: Osnove (ISO 19123-1:2023; EN ISO 19123-1:2023)
Geographic information – Schema for coverage geometry and functions – Part 1: Fundamentals (ISO 19123-1:2023; EN ISO 19123-1:2023)

HRN EN ISO 19123-3:2023 en pr
Geoinformacije – Shema za geometriju i funkcije pokrova – 3. dio: Osnove obrade (ISO 19123-3:2023; EN ISO 19123-3:2023)
Geographic information – Schema for coverage geometry and functions – Part 3: Processing fundamentals (ISO 19123-3:2023; EN ISO 19123-3:2023)

HRN EN ISO 19150-6:2023 en pr
Geoinformacije – Ontologija – 6. dio: Registar servisne ontologije (ISO 19150-6:2023; EN ISO 19150-6:2023)
Geographic information – Ontology – Part 6: Service ontology register (ISO 19150-6:2023; EN ISO 19150-6:2023)

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 17117-1:2023 en pr
Zdravstvena informatika – Terminološki resursi – 1. dio: Karakteristike (ISO 17117-1:2018; EN ISO 17117-1:2023)
Health informatics – Terminological resources – Part 1: Characteristics (ISO 17117-1:2018; EN ISO 17117-1:2023)

HZN/TO 218, Drvo

HRN EN 13489:2023 en pr
Drvene i parketne podne obloge – Višeslojni parketni elementi (EN 13489:2023)
Wood-flooring and parquet – Multi-layer parquet elements (EN 13489:2023)

HZN/TO 508, Ambalaža i pakiranje

HRN EN 17827:2023 en pr
Stakleni spremnici – Grla za tradicionalnu metodu pjenušavih vina (26, 29, 36 mm) (EN 17827:2023)
Glass packaging – Finishes for sparkling wines produced by the traditional method (26 mm, 29 mm, 36 mm) (EN 17827:2023)

HRN EN 17829:2023 en pr
Staklena ambalaža – Navojna grla 28 mm za staklene spremnike (MCA rapon) – Dimenzije (EN 17829:2023)
Glass packaging – 28 millimetre-screw finishes (MCA range) – Dimensions (EN 17829:2023)

HZN/TO 515, Žičare, uspinjače i vučnice

HRN EN 15700:2023 en pr
Sigurnost traka konvejera za uporabu u zimskim sportovima ili turizmu (EN 15700:2023)
Safety of travelators for winter sport or tourist use (EN 15700:2023)

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

HRN EN 508-3:2023 en pr
Proizvodi od lima za pokrivanje krovova i oblaganje zidova – Specifikacija za samonosive proizvode od čeličnog, aluminijskog ili nehrđajućeg čeličnog lima – 3. dio: Nehrđajući čelik (EN 508-3:2021+A1:2023)
Roofing and cladding products from metal sheet – Specification for self-supporting products of steel, aluminium or stainless steel sheet – Part 3: Stainless steel (EN 508-3:2021+A1:2023)

HZN/TO 526, Bitumenska veziva

HRN EN 12595:2023 en pr
Bitumen i bitumenska veziva – Određivanje kinematičke viskoznosti (EN 12595:2023)
Bitumen and bituminous binders – Determination of kinematic viscosity (EN 12595:2023)

HRN EN 12596:2023 en pr
Bitumen i bitumenska veziva – Određivanje dinamičke viskoznosti pomoću kapilarnih viskozimetara uz primjenu vakuuma (EN 12596:2023)
Bitumen and bituminous binders – Determination of dynamic viscosity by vacuum capillary (EN 12596:2023)

HRN EN 14769:2023 en pr
Bitumen i bitumenska veziva – Postupak oponašanja ubrzanoga dugotrajnog starenja uporabom tlačne komore (PAV) (EN 14769:2023)
Bitumen and bituminous binders – Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV) (EN 14769:2023)

HRN EN 14770:2023 en pr
Bitumen i bitumenska veziva – Određivanje kompleksnoga posmičnog modula i faznoga kuta – Reometar s dinamičkim smicanjem (DSR) (EN 14770:2023)
Bitumen and bituminous binders – Determination of complex shear modulus and phase angle – Dynamic Shear Rheometer (DSR) (EN 14770:2023)

HRN EN 14771:2023 en pr
Bitumen i bitumenska veziva – Određivanje krutosti puzanja pri savijanju – Reometar za ispitivanje uzorka savijanjem (BBR) (EN 14771:2023)
Bitumen and bituminous binders – Determination of the flexural creep stiffness – Bending Beam Rheometer (BBR) (EN 14771:2023)

HZN/TO 528, Oprema za željeznice

HRN EN 16186-5:2023 en pr
Željeznički sustav – Upravljačnica – 5. dio: Vidljivost iz tramvajske upravljačnice (EN 16186-5:2021+A1:2023)
Railway applications – Driver's cabs – Part 5: External visibility for tram vehicles (EN 16186-5:2021+A1:2023)

HZN/TO 531, Plastika i guma

HRN EN ISO 6186:2023 en pr
Plastika – Određivanje sipkosti (ISO 6186:2023; EN ISO 6186:2023)
Plastics – Determination of pourability (ISO 6186:2023; EN ISO 6186:2023)

HZN/TO 532, Dimnjaci

HRN EN 15287-1:2023 en pr
Dimnjaci – Projektiranje, ugradnja i preuzimanje – 1. dio: Dimnjaci i priključne dimovodne cijevi za uređaje za loženje s otvorenom komorom za izgaranje (EN 15287-1:2023)
Chimneys – Design, installation and commissioning – Part 1: Chimneys and connecting flue pipes for non-room sealed combustion appliances (EN 15287-1:2023)

HRN EN 15287-2:2023 en pr
Dimnjaci – Projektiranje, ugradnja i preuzimanje – 2. dio: Dimnjaci i priključne dimovodne cijevi za uređaje za loženje sa zatvorenom komorom za izgaranje (EN 15287-2:2023)
Chimneys – Design, installation and commissioning – Part 2: Chimneys and connecting flue pipes for room sealed combustion appliances (EN 15287-2:2023)

HZN/TO 534, Spremnici za teret

HRN EN 14432:2023 en pr
Spremnici za prijevoz opasnih tvari – Oprema spremnika za prijevoz tekućih kemikalija i ukapljenih plinova – Ventili za ispuštanje proizvoda i ventili za ulaz zraka (EN 14432:2023)
Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals and liquefied gases – Product discharge and air inlet valves (EN 14432:2023)

HRN EN 14433:2023 en pr
Spremnici za prijevoz opasnih tvari – Oprema spremnika za prijevoz tekućih kemikalija i ukapljenih plinova – Nožni ventili (EN 14433:2023)
Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals and liquefied gases – Foot valves (EN 14433:2023)

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

HRN EN 12152:2023 en pr
Ovještene fasade – Propusnost zraka – Zahtjevi za svojstva i razredba (EN 12152:2023)
Curtain walling – Air permeability – Performance requirements and classification (EN 12152:2023)

HRN EN 12153:2023 en pr
Ovještene fasade – Propusnost zraka – Metoda ispitivanja (EN 12153:2023)
Curtain walling – Air permeability – Test method (EN 12153:2023)

HRN EN 14024:2023 en pr
Metalni profili s prekinutim toplinskim mostom – Mehanička svojstva – Zahtjevi, dokazivanja i ispitivanja za procjenu (EN 14024:2023)
Metal profiles with thermal barrier – Mechanical performance – Requirements, proof and tests for assessment (EN 14024:2023)

HZN/TO 551, Gradnja

HRN EN ISO 10563:2023 en pr
Brtvila u graditeljstvu – Određivanje promjene mase i obujma (ISO 10563:2023; EN ISO 10563:2023)
Building and civil engineering sealants – Determination of change in mass and volume (ISO 10563:2023; EN ISO 10563:2023)

HRN EN 17680:2023 en pr
Održivost građevina – Procjena potencijala za održivo obnavljanje zgrada (EN 17680:2023)
Sustainability of construction works – Evaluation of the potential for sustainable refurbishment of buildings (EN 17680:2023)

HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 10993-18:2020/A1:2023 en pr
Biološka procjena medicinskih proizvoda – 18. dio: Karakterizacija kemijskih svojstava materijala medicinskih proizvoda unutar procesa upravljanja rizikom – Amandman 1: Određivanje faktora nesigurnosti (ISO 10993-18:2020/Amd 1:2022; EN ISO 10993-18:2020/A1:2023)
Biological evaluation of medical devices – Part 18: Chemical characterization of medical device materials within a risk management process – Amendment 1: Determination of the uncertainty factor (ISO 10993-18:2020/Amd 1:2022; EN ISO 10993-18:2020/A1:2023)

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

HRN EN ISO 5117:2023 en pr
Automatski odvajači kondenzata – Ispitivanja proizvodnih i radnih značajki (ISO 5117:2023; EN ISO 5117:2023)
Automatic steam traps – Production and performance characteristic tests (ISO 5117:2023; EN ISO 5117:2023)

HZN/TO 560, *Tekstilni proizvodi*

HRN EN 17134-2:2023 en pr
Tekstil i tekstilni proizvodi – Određivanje biocidnih aditiva – 2. dio: Konzervansi na bazi klorofenola, metoda plinske kromatografije (EN 17134-2:2023)
Textiles and textile products – Determination of biocide additives – Part 2: Chlorophenol-based preservatives, method using gas chromatography (EN 17134-2:2023)

HRN EN ISO 17751-1:2023 en pr
Tekstil – Kvantitativne metode analize kašmira, vune i drugih specijalnih životinjskih vlakana i njihovih mješavina – 1. dio: Metoda svjetlosne mikroskopije (ISO 17751-1:2023; EN ISO 17751-1:2023)
Textiles – Quantitative analysis of cashmere, wool, other specialty animal fibers and their blends – Part 1: Light microscopy method (ISO 17751-1:2023; EN ISO 17751-1:2023)

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

HRN EN ISO 407:2023 en pr
Male plinske boce za uporabu u medicini – Pin-indeksni priključci ventila sa stremenom (ISO 407:2023; EN ISO 407:2023)
Small medical gas cylinders – Pin-index yoke-type valve connections (ISO 407:2023; EN ISO 407:2023)

HRN EN 14334:2023 en pr
Oprema i pribor za UNP – Pregled i ispitivanje kamionskih cisterni za UNP (EN 14334:2023)
LPG equipment and accessories – Inspection and testing of LPG road tankers (EN 14334:2023)

HZN/TO 566, *Mlijeko i mliječni proizvodi*

HRN EN ISO 5537:2023 en pr
Mlijeko u prahu i mliječni proizvodi u prahu – Određivanje udjela vlage (Referentna metoda) (ISO 5537:2023; EN ISO 5537:2023)
Dried milk and dried milk products – Determination of moisture content (Reference method) (ISO 5537:2023; EN ISO 5537:2023)

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

HRN EN 17851:2023 en pr
Analiza hrane – Određivanje elemenata i njihovih kemijskih vrsta – Određivanje Ag, As, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Se, Ti, U i Zn u hrani spektrometrijom masa uz induktivno spregnutu plazmu (ICP-MS) nakon razgradnje pod tlakom (EN 17851:2023)
Foodstuffs – Determination of elements and their chemical species – Determination of Ag, As, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Se, Ti, U and Zn in foodstuffs by inductively coupled plasma mass spectrometry (ICP-MS) after pressure digestion (EN 17851:2023)

HZN/TO 569, *Hrana za životinje*

HRS CEN/TS 17697:2023 en pr
Hrana za životinje – Metode uzorkovanja i analize – PFGE tipizacija laktobacila, pediocoka, enterokoka i bacila u hrani za životinje (CEN/TS 17697:2023)
Animal feeding stuffs – Methods of sampling and analysis – PFGE typing of Lactobacilli, Pediococci, Enterococci and Bacilli in animal feeds (CEN/TS 17697:2023)

HZN/TO 582, *Informacijska sigurnost i upravljanje kontinuitetom poslovanja*

HRN EN ISO/IEC 27001:2023 en pr
Informacijska sigurnost, kibernetička sigurnost i zaštita privatnosti – Sustavi upravljanja informacijskom sigurnošću – Zahtjevi (ISO/IEC 27001:2022; EN ISO/IEC 27001:2023)
Information security, cybersecurity and privacy protection – Information security management systems – Requirements (ISO/IEC 27001:2022; EN ISO/IEC 27001:2023)

HZN/TO E11, *Nadzemni vodovi*

HRN EN 50341-2-21:2023 en pr
Nadzemni električni vodovi izmjenične struje iznad 1 kV – Nacionalni normativni aspekti (NNA) za Sloveniju (na temelju EN 50341-1:2012) (EN 50341-2-21:2023)
Overhead electrical lines exceeding AC 1 kV – National Normative Aspects (NNA) for Slovenia (based on EN 50341-1:2012) (EN 50341-2-21:2023)

HZN/TO E14, *Energetski transformatori*

HRN EN IEC 60076-19-1:2023 en pr
Energetski transformatori – Dio 19-1: Pravila za određivanje mjernih nesigurnosti kod mjerenja gubitaka na energetskim transformatorima (IEC 60076-19-1:2023; EN IEC 60076-19-1:2023)
Power transformers – Part 19-1: Rules for the determination of uncertainties in the measurement of the losses on power transformers (IEC 60076-19-1:2023; EN IEC 60076-19-1:2023)

HRN EN IEC 60076-22-7:2020/Ispr.1:2023 en pr
Energetski transformatori – Dio 22-7: Oprema za energetske transformatore i prigušnice – Pribor i spojnice (IEC 60076-22-7:2020/Corr.1:2023; EN IEC 60076-22-7:2020/AC:2023)
Power transformers – Part 22-7: Power transformer and reactor fittings – Accessories and fittings (IEC 60076-22-7:2020/Corr.1:2023; EN IEC 60076-22-7:2020/AC:2023)

HZN/TO E17, *Sklopni i upravljački uređaji*

HRN EN IEC 60947-6-2:2023/Ispr.1:2023 en pr
Niskonaponska sklopna aparatura – Dio 6-2: Višefunkcijska oprema – Upravljački i zaštitni sklopni aparati (ili oprema) (CPS) (IEC 60947-6-2:2020/Corr.2:2023; EN IEC 60947-6-2:2023/AC:2023)
Low-voltage switchgear and controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:2020/Corr.2:2023; EN IEC 60947-6-2:2023/AC:2023)

HZN/TO E23, *Električni instalacijski pribor*

HRN EN 50626-1:2023 en pr
Sustavi cijevi za podzemno polaganje, za zaštitu i vođenje izoliranih električnih ili komunikacijskih kabela – 1. dio: Opći zahtjevi (EN 50626-1:2023)
Conduit systems buried underground for the protection and management of insulated electrical cables or communication cables – Part 1: General requirements (EN 50626-1:2023)

HRN EN 50626-2:2023 en pr
Sustavi cijevi za podzemno polaganje, za zaštitu i vođenje izoliranih električnih ili komunikacijskih kabela – 2. dio: Sustavi cijevi od polietilena (PE), polipropilena (PP) ili neomekšanog poli(vinil-klorida) (PVC-U) – Zahtjevi za cijevi s čvrstim stijenkama, spojnice i sustave za specijalne primjene (EN 50626-2:2023)
Conduit systems buried underground for the protection and management of insulated electrical cables or communication cables – Part 2: Polyethylene (PE), Polypropylene (PP) or Unplasticized poly(vinyl chloride) (PVC-U) conduit systems – Requirements for solid wall conduits, fittings and the system used in special applications (EN 50626-2:2023)

HRN EN IEC 61543:2023 en pr
Strujne zaštitne sklopke (RCD-i) za kućanstvo i sličnu primjenu – Elektromagnetska kompatibilnost (IEC 61543:2022; EN IEC 61543:2023)
Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility (IEC 61543:2022; EN IEC 61543:2023)

HRN EN IEC 61543:2023/A11:2023 en pr
Strujne zaštitne sklopke (RCD-i) za kućanstvo i sličnu primjenu – Elektromagnetska kompatibilnost (EN IEC 61543:2023/A11:2023)
Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility (EN IEC 61543:2023/A11:2023)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60061-2:2008/A47:2014/Ispr.1:2023 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za žarulje (IEC 60061-2:1969/am47:2014/Corr.1:2023; EN 60061-2:1993/A47:2014/AC:2023)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/am47:2014/Corr.1:2023; EN 60061-2:1993/A47:2014/AC:2023)

HRN EN 60061-2:2008/A59:2023 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za žarulje (IEC 60061-2:1969/am59:2023; EN 60061-2:1993/A59:2023)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/am59:2023; EN 60061-2:1993/A59:2023)

HRN EN 60061-3:2008/A59:2023 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična mjerila (IEC 60061-3:1969/am59:2023; EN 60061-3:1993/A59:2023)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/am59:2023; EN 60061-3:1993/A59:2023)

HRN EN IEC 62471-7:2023/Ispr.1:2023 en pr
Fotobiološka sigurnost lampi i sustava s lampama – 7. dio: Izvori svjetla i svjetiljke koje primarno emitiraju vidljivo zračenje (IEC 62471-7:2023/Corr.1:2023; EN IEC 62471-7:2023/AC:2023)
Photobiological safety of lamps and lamp systems – Part 7: Light sources and luminaires primarily emitting visible radiation (IEC 62471-7:2023/Corr.1:2023; EN IEC 62471-7:2023/AC:2023)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN IEC 62351-3:2023 en pr
Upravljanje energetskim sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 3. dio: Sigurnost komunikacijske mreže i sustava – Profili koji uključuju TCP/IP (IEC 62351-3:2023; EN IEC 62351-3:2023)
Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP (IEC 62351-3:2023; EN IEC 62351-3:2023)

HRN EN IEC 62351-9:2023 en pr
Upravljanje energetskim sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 9. dio: Upravljanje ključevima kibernetičke sigurnosti opreme energetskih sustava (IEC 62351-9:2023; EN IEC 62351-9:2023)
Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment (IEC 62351-9:2023; EN IEC 62351-9:2023)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 61770:2011/A12:2022/Ispr.1:2023 en pr
Električni aparati spojeni na vodovod – Izbjegavanje povratnog usisa i otkazivanja cijevnoga priključka (EN 61770:2009/A12:2022/AC:2023)
Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets (EN 61770:2009/A12:2022/AC:2023)

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

HRN EN IEC 60534-1:2023 en pr
Regulacijski ventili za industrijske procese – 1. dio: Nazivlje i opće pretpostavke o regulacijskim ventilima (IEC 60534-1:2023; EN IEC 60534-1:2023)
Industrial-process control valves – Part 1: Control valve terminology and general considerations (IEC 60534-1:2023; EN IEC 60534-1:2023)

HZN/TO E99, Električne instalacije iznad 1 kV izmjenične i 1,5 kV istosmjernje struje

HRN EN IEC 60071-2:2023 en pr
Usklađivanje izolacije – 2. dio: Upute za primjenu (IEC 60071-2:2023; EN IEC 60071-2:2023)
Insulation co-ordination – Part 2: Application guidelines (IEC 60071-2:2023; EN IEC 60071-2:2023)

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

HRN EN IEC 60728-11:2023 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 11. dio: Sigurnost (IEC 60728-11:2023; EN IEC 60728-11:2023)
Cable networks for television signals, sound signals and interactive services – Part 11: Safety (IEC 60728-11:2023; EN IEC 60728-11:2023)

HRN EN IEC 60728-113:2023 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 113. dio: Optički sustavi za radiodifuzijski prijenos signala koji se sastoji samo od digitalnih kanala (IEC 60728-113:2023; EN IEC 60728-113:2023)
Cable networks for television signals, sound signals and interactive services – Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only (IEC 60728-113:2023; EN IEC 60728-113:2023)

HRN EN IEC 63474:2023 en pr
Električna i elektronička kućanska i uredska oprema – Mjerenje mrežne potrošnje snage praznoga hoda krajnje opreme (IEC 63474:2023; EN IEC 63474:2023)
Electrical and electronic household and office equipment – Measurement of networked standby power consumption of edge equipment (IEC 63474:2023; EN IEC 63474:2023)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRN EN 50360:2017/A1:2023 en pr
Norma proizvoda za pokazivanje sukladnosti bežičnih komunikacijskih uređaja s temeljnim ograničenjima i graničnim vrijednostima izloženosti, koja se odnosi na izloženost ljudi elektromagnetskim poljima u frekvencijskom području od 300 MHz do 6 GHz: uređaji koji se koriste u blizini uha (EN 50360:2017/A1:2023)
Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear (EN 50360:2017/A1:2023)

HRN EN 50566:2017/A1:2023 en pr
Norma proizvoda za pokazivanje sukladnosti bežičnih komunikacijskih uređaja s temeljnim ograničenjima i graničnim vrijednostima izloženosti, koja se odnosi na izloženost ljudi elektromagnetskim poljima u frekvencijskom području od 30 MHz do 6 GHz: ručni uređaji i uređaji postavljeni uz tijelo u neposrednoj blizini tijela (EN 50566:2017/A1:2023)
Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body (EN 50566:2017/A1:2023)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55016-2-3:2017/A2:2023 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 2-3: Metode mjerenja smetnja i otpornosti – Mjerenje zračenih smetnji (CISPR 16-2-3:2016/am2:2023; EN 55016-2-3:2017/A2:2023)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements (CISPR 16-2-3:2016/am2:2023; EN 55016-2-3:2017/A2:2023)

HRN EN IEC 55036:2020/A1:2023 en pr
Električna i hibridna cestovna vozila – Karakteristike radiosmetnja – Granice i metode mjerenja za zaštitu prijamnika izvan vozila na frekvencijama ispod 30 MHz (CISPR 36:2020/am1:2023; EN IEC 55036:2020/A1:2023)
Electric and hybrid electric road vehicles – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers below 30 MHz (CISPR 36:2020/am1:2023; EN IEC 55036:2020/A1:2023)

HRN EN IEC 61000-4-6:2023 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-6: Ispitne i mjerne tehnike – Ispitivanje otpornosti na vođene smetnje nastale djelovanjem radiofrekvencijskih polja (IEC 61000-4-6:2023; EN IEC 61000-4-6:2023)
Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6:2023; EN IEC 61000-4-6:2023)

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

HRN EN 927-5:2023 en pr
Boje i lakovi – Prekrivni materijali i prekrivni sustavi za drvo izloženo vanjskim utjecajima – 5. dio: Ocjena vodopropusnosti (EN 927-5:2023)
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 5: Assessment of the liquid water permeability (EN 927-5:2023)

HRN EN ISO 1247-1:2023 en pr
Pigmenti aluminija za boje – 1. dio: Opći pigmenti aluminija (ISO 1247-1:2021; EN ISO 1247-1:2023)
Aluminium pigments for paints – Part 1: General aluminium pigments (ISO 1247-1:2021; EN ISO 1247-1:2023)

HRN EN ISO 1247-2:2023 en pr
Pigmenti aluminija za boje – 2. dio: Pigmenti aluminija metalizirani u vakuumu (ISO 1247-2:2021; EN ISO 1247-2:2023)
Aluminium pigments for paints – Part 2: Vacuum metallized aluminium pigments (ISO 1247-2:2021; EN ISO 1247-2:2023)

HRN EN ISO 3262-2:2023 en pr
Punila – Specifikacije i metode ispitivanja – 2. dio: Barit (prirodni barijev sulfat) (ISO 3262-2:2023; EN ISO 3262-2:2023)
Extenders – Specifications and methods of test – Part 2: Barytes (natural barium sulfate) (ISO 3262-2:2023; EN ISO 3262-2:2023)

HRN EN ISO 3262-3:2023 en pr
Punila – Specifikacije i metode ispitivanja – 3. dio: Bjelilo (barijev sulfat) (ISO 3262-3:2023; EN ISO 3262-3:2023)
Extenders – Specifications and methods of test – Part 3: Blanc fixe (ISO 3262-3:2023; EN ISO 3262-3:2023)

HRN EN ISO 3262-4:2023 en pr
Punila – Specifikacije i metode ispitivanja – 4. dio: Bjelilo (kreda u prahu) (ISO 3262-4:2023; EN ISO 3262-4:2023)
Extenders – Specifications and methods of test – Part 4: Whiting (ISO 3262-4:2023; EN ISO 3262-4:2023)

HRN EN ISO 3262-5:2023 en pr
Punila – Specifikacije i metode ispitivanja – 5. dio: Prirodni kristalinični kalcijev karbonat (ISO 3262-5:2023; EN ISO 3262-5:2023)
Extenders – Specifications and methods of test – Part 5: Natural crystalline calcium carbonate (ISO 3262-5:2023; EN ISO 3262-5:2023)

HRN EN ISO 3262-7:2023 en pr
Punila – Specifikacije i metode ispitivanja – 7. dio: Dolomit (ISO 3262-7:2023; EN ISO 3262-7:2023)
Extenders – Specifications and methods of test – Part 7: Dolomite (ISO 3262-7:2023; EN ISO 3262-7:2023)

HRN EN ISO 3262-8:2023 en pr
Punila – Specifikacije i metode ispitivanja – 8. dio: Prirodna glina (ISO 3262-8:2023; EN ISO 3262-8:2023)
Extenders – Specifications and methods of test – Part 8: Natural clay (ISO 3262-8:2023; EN ISO 3262-8:2023)

HRN EN ISO 3262-9:2023 en pr
Punila – Specifikacije i metode ispitivanja – 9. dio: Kalcinirana glina (ISO 3262-9:2023; EN ISO 3262-9:2023)
Extenders – Specifications and methods of test – Part 9: Calcined clay (ISO 3262-9:2023; EN ISO 3262-9:2023)

HRN EN ISO 3262-12:2023 en pr
Punila – Specifikacije i metode ispitivanja – 12. dio: Tinjac tipa muskovit (ISO 3262-12:2023; EN ISO 3262-12:2023)
Extenders – Specifications and methods of test – Part 12: Muscovite-type mica (ISO 3262-12:2023; EN ISO 3262-12:2023)

HRN EN ISO 3262-13:2023 en pr
Punila – Specifikacije i metode ispitivanja – 13. dio: Prirodni kremen (mljeven) (ISO 3262-13:2023; EN ISO 3262-13:2023)
Extenders – Specifications and methods of test – Part 13: Natural quartz (ground) (ISO 3262-13:2023; EN ISO 3262-13:2023)

HRN EN ISO 3262-14:2023 en pr
Punila – Specifikacije i metode ispitivanja – 14. dio: Kristobalit (ISO 3262-14:2023; EN ISO 3262-14:2023)
Extenders – Specifications and methods of test – Part 14: Cristobalite (ISO 3262-14:2023; EN ISO 3262-14:2023)

HRN EN ISO 3262-15:2023 en pr
Punila – Specifikacije i metode ispitivanja – 15. dio: Kvarcno staklo (ISO 3262-15:2023; EN ISO 3262-15:2023)
Extenders – Specifications and methods of test – Part 15: Vitreous silica (ISO 3262-15:2023; EN ISO 3262-15:2023)

HRN EN ISO 3262-16:2023 en pr
Punila – Specifikacije i metode ispitivanja – 16. dio: Aluminijev hidroksid (ISO 3262-16:2023; EN ISO 3262-16:2023)
Extenders – Specifications and methods of test – Part 16: Aluminium hydroxides (ISO 3262-16:2023; EN ISO 3262-16:2023)

HRN EN ISO 3262-18:2023 en pr
Punila – Specifikacije i metode ispitivanja – 18. dio: Istalozeni natrijev aluminijev silikat (ISO 3262-18:2023; EN ISO 3262-18:2023)
Extenders – Specifications and methods of test – Part 18: Precipitated sodium aluminium silicate (ISO 3262-18:2023; EN ISO 3262-18:2023)

HRN EN ISO 3262-21:2023 en pr
Punila – Specifikacije i metode ispitivanja – 21. dio: Kvarcni pijesak (nemljeveni prirodni kvarc) (ISO 3262-21:2023; EN ISO 3262-21:2023)
Extenders – Specifications and methods of test – Part 21: Silica sand (unground natural quartz) (ISO 3262-21:2023; EN ISO 3262-21:2023)

HRN EN ISO 3262-22:2023 en pr
Punila – Specifikacije i metode ispitivanja – 22. dio: Kalcinirana dijatomejska zemlja (ISO 3262-22:2023; EN ISO 3262-22:2023)
Extenders – Specifications and methods of test – Part 22: Flux-calcined kieselguhr (ISO 3262-22:2023; EN ISO 3262-22:2023)

HRN EN ISO 4624:2023 en pr
Boje i lakovi – Ispitivanje prionljivosti vlačnom metodom (ISO 4624:2023; EN ISO 4624:2023)
Paints and varnishes – Pull-off test for adhesion (ISO 4624:2023; EN ISO 4624:2023)

HRN EN ISO 6076:2023 en pr
Adhezivi – Ugradnja podnih obloga, drvenih podova, izravnavajućih masa i pločica – Specifikacija veličina zarezova lopatice (ISO 6076:2023; EN ISO 6076:2023)
Adhesives – Installation of floor coverings, wood flooring, levelling compounds and tiles – Specification of trowel notch sizes (ISO 6076:2023; EN ISO 6076:2023)

HRN EN 14470-1:2023 en pr
Protupožarni spremnici – 1. dio: Sigurnosni spremnici za zapaljive tekućine (EN 14470-1:2023)
Fire safety storage cabinets – Part 1: Safety storage cabinets for flammable liquids (EN 14470-1:2023)

HRN EN ISO 18473-4:2023 en pr
Funkcionalni pigmenti i punila za posebne primjene – 4. dio: Titanijev dioksid nano veličine za primjenu u fotokatalizi (ISO 18473-4:2022; EN ISO 18473-4:2023)
Functional pigments and extenders for special applications – Part 4: Nanoscale titanium dioxide for photocatalytic application (ISO 18473-4:2022; EN ISO 18473-4:2023)

HRN EN ISO 20567-2:2023 en pr
Boje i lakovi – Određivanje otpornosti premaza na udare kamenim krhotinama – 2. dio: Ispitivanje jednim udarcem s vođenim udarnim tijelom (ISO 20567-2:2023; EN ISO 20567-2:2023)
Paints and varnishes – Determination of stone-chip resistance of coatings – Part 2: Single-impact test with a guided impact body (ISO 20567-2:2023; EN ISO 20567-2:2023)

HZN/TU I2, Strojstvo 2

HRN EN ISO 8529-1:2023 en pr
Referentna polja neutronskog zračenja – 1. dio: Karakteristike i metode proizvodnje (ISO 8529-1:2021; EN ISO 8529-1:2023)
Neutron reference radiations fields – Part 1: Characteristics and methods of production (ISO 8529-1:2021; EN ISO 8529-1:2023)

HRN EN ISO 11929-4:2023 en pr
Određivanje karakterističnih granica (prag odlučivanja, granica detekcije i granice intervala pokrivanja) za mjerenja ionizirajućeg zračenja – Osnove i primjena – 4. dio: Smjernice za primjenu (ISO 11929-4:2022; EN ISO 11929-4:2023)
Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation – Fundamentals and application – Part 4: Guidelines to applications (ISO 11929-4:2022; EN ISO 11929-4:2023)

HRN EN ISO 16796:2023 en pr
Nuklearna energija – Određivanje sadržaja Gd₂O₃ u mješavinama gadolinijevog goriva i gadolinijevim peletama goriva atomskom emisijskom spektrometrijom s induktivno spregnutom plazmom (ICP-AES) (ISO 16796:2022; EN ISO 16796:2023)
Nuclear energy – Determination of Gd₂O₃ content in gadolinium fuel blends and gadolinium fuel pellets by atomic emission spectrometry using an inductively coupled plasma source (ICP-AES) (ISO 16796:2022; EN ISO 16796:2023)

HRN EN ISO 21909-1:2023 en pr
Sustavi pasivne neutronske dozimetrije – 1. dio: Zahtjevi za performanse i ispitivanje za osobnu dozimetriju (ISO 21909-1:2021; EN ISO 21909-1:2023)
Passive neutron dosimetry systems – Part 1: Performance and test requirements for personal dosimetry (ISO 21909-1:2021; EN ISO 21909-1:2023)

HRN EN ISO 21909-2:2023 en pr
Sustavi pasivne neutronske dozimetrije – 2. dio: Metodologija i kriteriji za kvalifikaciju osobnih dozimetrijskih sustava na radnim mjestima (ISO 21909-2:2021; EN ISO 21909-2:2023)
Passive neutron dosimetry systems – Part 2: Methodology and criteria for the qualification of personal dosimetry systems in workplaces (ISO 21909-2:2021; EN ISO 21909-2:2023)

HRN EN ISO 23547:2023 en pr
Mjerenje radioaktivnosti – Radionuklidi koji emitiraju gama zračenje – Standardne specifikacije referentnog mjerenja za kalibraciju gama spektrometara (ISO 23547:2022; EN ISO 23547:2023)
Measurement of radioactivity – Gamma emitting radionuclides – Reference measurement standard specifications for the calibration of gamma-ray spectrometers (ISO 23547:2022; EN ISO 23547:2023)

HRN EN ISO 24459:2023 en pr
Određivanje sadržaja urana u uzorcima koji dolaze iz ciklusa nuklearnog goriva apsorpcijskom spektrometrijom L-ruba (ISO 24459:2021; EN ISO 24459:2023)
Determination of uranium content in samples coming from the nuclear fuel cycle by L-absorption edge spectrometry (ISO 24459:2021; EN ISO 24459:2023)

HRN EN ISO 80004-1:2023 en pr
Nanotehnologije – Terminološki rječnik – 1. dio: Osnovni nazivi i definicije (ISO 80004-1:2023; EN ISO 80004-1:2023)
Nanotechnologies – Vocabulary – Part 1: Core terms and definitions (ISO 80004-1:2023; EN ISO 80004-1:2023)

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

HRN EN ISO 3990:2023 en pr
Stomatologija – Procjena antibakterijske aktivnosti stomatoloških restorativnih materijala, cementa za ispunu, smola za pečaćenje fisura te ortodontskih materijala za adheziju i ispunu (ISO 3990:2023; EN ISO 3990:2023)
Dentistry – Evaluation of antibacterial activity of dental restorative materials, luting cements, fissure sealants and orthodontic bonding or luting materials (ISO 3990:2023; EN ISO 3990:2023)

HRN EN ISO 20749:2023 en pr
Stomatologija – Zubni amalgam u kapsulama (ISO 20749:2023; EN ISO 20749:2023)
Dentistry – Pre-capsulated dental amalgam (ISO 20749:2023; EN ISO 20749:2023)

HRN EN ISO 24072:2023 en pr
Metoda ispitivanja zadržavanja bakterija u aerosolu na ulaznome zračnom filtru infuzijskih uređaja (ISO 24072:2023; EN ISO 24072:2023)
Aerosol bacterial retention test method for air-inlet on administration devices (ISO 24072:2023; EN ISO 24072:2023)

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

HRN EN 1915-1:2023 en pr
Oprema za zemaljsku podršku zrakoplovu – Opći zahtjevi – 1. dio: Osnovni sigurnosni zahtjevi (EN 1915-1:2023)
Aircraft ground support equipment – General requirements – Part 1: Basic safety requirements (EN 1915-1:2023)

HRN EN 3637:2023 en pr
Zrakoplovstvo – Maticice, samozatvarajuće, dvanaesterokutne (dvostruko skraćene), legura na bazi nikla otporna na toplinu – NI-P101HT (Waspaloy), prevučene srebrom, Klasifikacija: 1210 MPa/730 °C (EN 3637:2023)
Aerospace series – Nut, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy – NI-P101HT (Waspaloy), silver plated, Classification: 1 210 MPa/730 °C (EN 3637:2023)

HRN EN ISO 3691-4:2023 en pr
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 4. dio: Industrijska vozila bez vozača i njihovi sustavi (ISO 3691-4:2023; EN ISO 3691-4:2023)
Industrial trucks – Safety requirements and verification – Part 4: Driverless industrial trucks and their systems (ISO 3691-4:2023; EN ISO 3691-4:2023)

HRN EN 4165-002:2023 en pr
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 002: Specifikacije značajki i položaj kontakta (EN 4165-002:2023)
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 002: Specification of performance and contact arrangements (EN 4165-002:2023)

HRN EN 4269:2023 en pr
Zrakoplovstvo – Matice, sidrene, samozatvarajuće, pokretne, s dva uha, ograničene serije, s kontra otvorom, od čelika, prevučene kadmijem, podmazane s MoS2 – Klasifikacija: 1 110 MPa (pri temperaturi okoline)/235 °C (EN 4269:2023)
Aerospace series – Nuts, anchor, self-locking, floating, two lug, reduced series, with counterbore, in steel, cadmium plated, MoS2 lubricated – Classification: 1 100 MPa (at ambient temperature)/235 °C (EN 4269:2023)

HZN/TU U1, Opća elektrotehnika 1

HRN EN 50436-1:2023 en pr
Blokada u slučaju alkoholiziranosti – Metode ispitivanja i izvedbeni zahtjevi – 1. dio: Instrumenti s usnikom za mjerenje alkoholiziranosti namijenjeni za programe kontrole pristupnika pri vožnji pod utjecajem alkohola i za opću preventivnu uporabu (EN 50436-1:2023)
Alcohol interlocks – Test methods and performance requirements – Part 1: Instruments having a mouthpiece and measuring breath alcohol for drink-driving-offender programs and general preventive use (EN 50436-1:2023)

HZN/TU V1, Elektronika 1

HRN EN IEC 60794-1-1:2023 en pr
Svjetlovodni kabeli – Dio 1-1: Generička specifikacija – Općenito (IEC 60794-1-1:2023; EN IEC 60794-1-1:2023)
Optical fibre cables – Part 1-1: Generic specification – General (IEC 60794-1-1:2023; EN IEC 60794-1-1:2023)

HRN EN IEC 60904-2:2023 en pr
Fotonaponski uređaji – 2. dio: Zahtjevi za referentne fotonaponske uređaje (IEC 60904-2:2023; EN IEC 60904-2:2023)
Photovoltaic devices – Part 2: Requirements for photovoltaic reference devices (IEC 60904-2:2023; EN IEC 60904-2:2023)

HRN EN IEC 61300-3-4:2023/Ispr.1:2023 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 3-4: Ispitivanja i mjerenja – Prigušenje (IEC 61300-3-4:2023/Corr.1:2023; EN IEC 61300-3-4:2023/AC:2023)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-4: Examinations and measurements – Attenuation (IEC 61300-3-4:2023/Corr.1:2023; EN IEC 61300-3-4:2023/AC:2023)

HRN EN IEC 61300-3-53:2021/Ispr.1:2023 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 3-53: Ispitivanja i mjerenja – Metoda mjerenja zaokruženog kutnog toka (EAF) koja se temelji na dvodimenzionalnim podacima dalekog polja višenačinskog valovoda (uključujući vlakna) (IEC 61300-3-53:2020/Corr.1:2023; EN IEC 61300-3-53:2021/AC:2023)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-53: Examinations and measurements – Encircled angular flux (EAF) measurement method based on two-dimensional far field data from multimode waveguide (including fibre) (IEC 61300-3-53:2020/Corr.1:2023; EN IEC 61300-3-53:2021/AC:2023)

HRN EN IEC 62228-3:2019/Ispr.1:2023 en pr
Integrirani krugovi – Procjena elektromagnetske kompatibilnosti (EMC) primopredajnika – 3. dio: CAN primopredajnik (IEC 62228-3:2019/Corr.1:2023; EN IEC 62228-3:2019/AC:2023)
Integrated circuits – EMC evaluation of transceivers – Part 3: CAN transceivers (IEC 62228-3:2019/Corr.1:2023; EN IEC 62228-3:2019/AC:2023)

HRN EN IEC 63044-4:2021/Ispr.2:2023 en pr
Elektronički sustavi u stanovima i zgradama (ESSZ) i sustavi automatizacije i nadzora u zgradama (BACS) – 4. dio: Opći zahtjevi funkcionalne sigurnosti za proizvode namijenjene uklanjanju u ESSZ i BACS (EN IEC 63044-4:2021/AC:2023)
Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS (EN IEC 63044-4:2021/AC:2023)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN IEC 60086-3:2021/Ispr.1:2023 en pr
Primarne baterije – 3. dio: Baterije za satove (IEC 60086-3:2021/Corr.1:2023; EN IEC 60086-3:2021/AC:2023)
Primary batteries – Part 3: Watch batteries (IEC 60086-3:2021/Corr.1:2023; EN IEC 60086-3:2021/AC:2023)

HRN EN IEC 62282-8-301:2023 en pr
Tehnologija gorivih članaka – Dio 8-301: Sustavi za pohranu energije koji koriste gorive članke u reverznom načinu rada – Sustavi za pretvaranje energije u metan na temelju članaka s čvrstim oksidom, uključujući reverzibilan rad – Metode ispitivanja značajki (IEC 62282-8-301:2023; EN IEC 62282-8-301:2023)
Fuel cell technologies – Part 8-301: Energy storage systems using fuel cell modules in reverse mode – Power to methane energy systems based on solid oxide cells including reversible operation – Performance test methods (IEC 62282-8-301:2023; EN IEC 62282-8-301:2023)

HRN EN IEC 62822-3:2023 en pr
Električni oprema za zavarivanje – Procjena u vezi s ograničenjem izloženosti ljudi elektromagnetskim poljima (0 Hz do 300 Hz) – 3. dio: Oprema za elektrootporno zavarivanje (IEC 62822-3:2023; EN IEC 62822-3:2023)
Electric welding equipment – Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) – Part 3: Resistance welding equipment (IEC 62822-3:2023; EN IEC 62822-3:2023)

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 21, *Protupožarna i vatrogasna oprema*

prEN 15004-1 en

Fixed firefighting systems – Gas extinguishing systems – Part 1: Design, installation and maintenance (ISO 14520-1:2013, MOD)

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 1. dio: Projektiranje, ugradnja i održavanje (ISO 14520-1:2013, MOD)

HZN/TO 43, *Akustika*

EN ISO 7029:2017/prA1 en

Acoustics – Statistical distribution of hearing thresholds related to age and gender – Amendment 1: Correction of parameter values for estimating the hearing threshold distribution (ISO 7029:2017/DAMd 1:2023)

HZN/TO 74, *Cement i vapno*

FprCEN/TR 13933 en

Masonry cement – Testing for workability (cohesivity)
Zidarski cement – Ispitivanje obradivosti (kohezivnosti)

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

EN 14276-1:2020/prA1 en

Pressure equipment for refrigerating systems and heat pumps – Part 1: Vessels – General requirements

Oprema pod tlakom za rashladne sustave i dizalice topline – 1. dio: Posude – Opći zahtjevi

EN 14276-2:2020/prA1 en

Pressure equipment for refrigerating systems and heat pumps – Part 2: Piping – General requirements

Oprema pod tlakom za rashladne sustave i dizalice topline – 2. dio: Cjevovodi – Opći zahtjevi

HZN/TO 120, *Koža i obuća*

prEN ISO 16187 en

Footwear and footwear components – Test method to assess antibacterial activity (ISO/DIS 16187:2023)

Obuća i dijelovi obuće – Metoda ispitivanja za procjenu antibakterijskog djelovanja (ISO/DIS 16187:2023)

prEN ISO 20433 en

Leather – Tests for colour fastness – Colour fastness to crocking (ISO/DIS 20433:2023)

Koža – Ispitivanje postojanosti obojenja – Postojanost obojenja na trenje (ISO/DIS 20433:2023)

prEN ISO 21135 en

Chemicals for the leather tanning industry – Determination of the total content of certain bisphenols (ISO/DIS 21135:2023)

HZN/TO 135, *Nerazorna ispitivanja*

prEN ISO 16946 en

Non-destructive testing – Ultrasonic testing – Specification for a step wedge calibration block (ISO/DIS 16946:2023)

Nerazorno ispitivanje – Ultrazvučno ispitivanje – Specifikacija za stepeničasti radni etalon (ISO/DIS 16946:2023)

HZN/TO 172, *Optika i optički instrumenti*

prEN ISO 11554 en

Optics and photonics – Lasers and laser-related equipment – Test methods for laser beam radiant power, radiant energy and temporal characteristics (ISO/DIS 11554:2023)

HZN/TO 211, *Geoinformacije/Geomatika*

prEN ISO 19164 en

Geographic information – Indoor feature model (ISO/DIS 19164:2023)

prEN ISO 19168-1 en

Geographic information – Geospatial API for features – Part 1: Core (ISO/DIS 19168-1:2023)

HZN/TO 218, *Drvo*

EN 73:2020/prA1 en

Durability of wood and wood-based products – Accelerated ageing of treated wood prior to biological testing – Evaporative ageing procedure

Trajnost drva i proizvoda na osnovi drva – Ubrzano starenje tretiranog drva prije biološkog testiranja – Postupak starenja evaporacijom

HZN/TO 221, *Geosintetici*

prEN ISO 10319 en

Geosynthetics – Wide-width tensile test (ISO/DIS 10319:2023)
Geosintetici – Vlačno ispitivanje na širokim trakama (ISO/DIS 10319:2023)

prEN ISO 13428 en

Geosynthetics – Determination of the protection efficiency of a geosynthetic against impact damage (ISO/DIS 13428:2023)
Geosintetici – Određivanje učinkovitosti zaštite geosintetikom od oštećenja udarcem (ISO/DIS 13428:2023)

HZN/TO 228, *Usluge u turizmu*

prEN ISO 8804-1 en

Requirements for the training of scientific divers – Part 1: Scientific divers (ISO/DIS 8804-1:2023)

prEN ISO 8804-2 en

Requirements for the training of scientific divers – Part 2: Advanced scientific divers (ISO/DIS 8804-2:2023)

prEN ISO 8804-3 en

Requirements for the training of scientific divers – Part 3: Scientific diving project leader (ISO/DIS 8804-3:2023)

prEN ISO 24808 en

Recreational diving services – Requirements for rebreather instructor training (ISO/DIS 24808:2023)

HZN/TO 503, *Metalni materijali*

prEN ISO 642 en

Steel – Hardenability test by end quenching (Jominy test) (ISO/DIS 642:2023)

Čelik – Ispitivanje prokaljivosti čeonim gašenjem (ispitivanje prema Jominyu) (ISO/DIS 642:2023)

prEN ISO 643 en

Steels – Micrographic determination of the apparent grain size (ISO/DIS 643:2023)

Čelici – Mikrografsko određivanje prividne veličine zrna (ISO/DIS 643:2023)

prEN 10205 en

Cold reduced tinmill products – Blackplate
Proizvodi iz hladno valjanog pokositrenog lima – Crni lim

prEN 10334 en

Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption – Non-coated steel (blackplate)

Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehrambenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Neprevučeni čelik (crni lim)

prEN 10335 en

Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products or beverages for human and animal consumption – Non alloyed electrolytic chromium/chromium oxide coated steel
Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehranbenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Nelegirani čelik elektrolitički prevučen kromom/kromovim oksidom

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

prEN ISO 6143 en

Gas analysis – Comparison methods for determining and checking the composition of calibration gas mixtures (ISO/DIS 6143:2023)
Analiza plina – Usporedne metode za određivanje i provjeru sastava plinskih smjesa za umjeravanje (ISO/DIS 6143:2023)

prEN ISO 14912 en

Gas analysis – Conversion of gas mixture composition data (ISO/DIS 14912:2023)
Analiza plina – Pretvaranje podataka sastava plinskih smjesa (ISO/DIS 14912:2023)

HZN/TO 513, Mjerne jedinice i mjerila

prEN 13757-3 en

Communication systems for meters – Part 3: Application protocols
Komunikacijski sustavi za mjerila – 3. dio: Protokoli za primjenu

prEN 13757-7 en

Communication systems for meters – Part 7: Transport and security services
Komunikacijski sustavi za mjerila – 7. dio: Prijenos i sigurnosne usluge

HZN/TO 528, Oprema za željeznice

prEN ISO 3095 en

Railway applications – Acoustics – Measurement of noise emitted by railbound vehicles (ISO/DIS 3095:2023)
Akustika – Željeznički sustav – Mjerenje buke koju proizvode željeznička vozila (ISO/DIS 3095:2023)

HZN/TO 529, Dizalice i prenosila neprekidne dobave

prEN 12077-2 en

Cranes safety – Requirements for health and safety – Part 2: Limiting and indicating devices
Sigurnost dizalica – Zahtjevi za zdravlje i sigurnost – 2. dio: Graničnici i pokazni uređaji

HZN/TO 531, Plastika i guma

prEN ISO 4080 en

Rubber and plastics hoses and tubing, and their assemblies – Determination of permeability to gas (ISO/DIS 4080:2023)

prEN ISO 8028 en

Rubber and/or plastics hoses and hose assemblies for airless paint spraying – Specification (ISO/DIS 8028:2023)
Gumena i/ili plastična crijeva i crijevni uređaji za bezračno prskanje boje – Specifikacija (ISO/DIS 8028:2023)

prEN 12814-8 en

Testing of welded joints of thermoplastics semi-finished products – Part 8: Requirements
Ispitivanje zavarenih spojeva plastomernih poluproizvoda – 8. dio: Zahtjevi

prEN ISO 17855-2 en

Plastics – Polyethylene (PE) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO/DIS 17855-2:2023)
Plastika – Polietilen (PE) injekcijski prešani i ekstruzijski materijali – 2. dio: Priprema ispitnih uzoraka i određivanje svojstava (ISO/DIS 17855-2:2023)

HZN/TO 532, Dimnjaci

prEN 13084-1 en

Free-standing chimneys – Part 1: General requirements
Samostojeći dimnjaci – 1. dio: Opći zahtjevi

HZN/TO 534, Spremnici za teret

prEN 14125 en

Thermoplastic and flexible metal pipework for underground installation at petrol filling stations
Termoplastični i savitljivi metalni cjevovod za podzemnu ugradnju na benzinskim stanicama za punjenje

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

prEN ISO 5463 en

Geometrical product specifications (GPS) – Form measuring equipment; Rotary axis form measuring instruments – Design and metrological characteristics (ISO/DIS 5463:2023)

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

prEN 448 en

District heating pipes – Bonded single pipe systems for directly buried hot water networks – Factory made fitting assemblies of steel service pipes, polyurethane thermal insulation and a casing of polyethylene
Cijevi za daljinsko grijanje – Povezani cijevni sustavi s jednom cijevi za ukopane vrelovodne mreže – Tvornički izrađeni sklopovi spojnih elemenata od čeličnih cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice

prEN 488-1 en

District heating pipes – Bonded single pipe systems for directly buried hot water networks – Part 1: Factory made steel valve assembly for steel service pipes, polyurethane thermal insulation and a casing of polyethylene
Cijevi za daljinsko grijanje – Povezani cijevni sustavi s jednom cijevi za ukopane vrelovodne mreže – 1. dio: Tvornički izrađen sklop od čeličnog zapornog elementa za čelične cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice

prEN 488-2 en

District heating and district cooling pipes – Bonded pipe systems for directly buried hot and cold water networks – Factory made steel valve assembly for draining and venting, polyurethane thermal insulation and a casing of polyethylene
Cijevi za daljinsko grijanje i daljinsko hlađenje – Povezani cijevni sustavi za direktno ukopane mreže tople i hladne vode – Tvornički izrađen čelični sklop ventila za odvod i odzračivanje, poliuretanska toplinska izolacija i kućište od polietilena

prEN 15698-1 en

District heating pipes – Bonded twin pipe systems for directly buried hot water networks – Part 1: Factory made twin pipe assembly of steel service pipes, polyurethane thermal insulation and one casing of polyethylene
Cijevi za daljinsko grijanje – Povezani cijevni sustavi s dvije cijevi za ukopane vrelovodne mreže – Tvornički izrađeni sklop od dvije čelične cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice

prEN 15698-2 en

District heating pipes – Bonded twin pipe systems for directly buried hot water networks – Part 2: Factory made fitting and valve assemblies of steel service pipes, polyurethane thermal insulation and a casing of polyethylene
Cijevi za daljinsko grijanje – Povezani cijevni sustavi s dvije cijevi za ukopane vrelovodne mreže – 2. dio: Tvornički izrađeni sklopovi spojnih i zapornih elemenata za čelične cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice

HZN/TO 544, *Strojni elementi*

- prEN ISO 3506-5 en
Fasteners – Mechanical properties of corrosion-resistant stainless steel fasteners – Part 5: Special fasteners (also including fasteners from nickel alloys) for high temperature applications (ISO 3506-5:2022)
Spojni elementi – Mehanička svojstva spojnih elemenata izrađenih od nehrđajućih čelika – 5. dio: Posebni spojni elementi (također uključujući spojne elemente od legura nikla) za primjenu na visokim temperaturama (ISO 3506-5:2022)

HZN/TO 551, *Gradnja*

- prEN ISO 7817 en
Building Information Modelling – Level of Information Need – Part 1: Concepts and principles (ISO/DIS 7817:2023)
Modeliranje informacija o građevinama – Razina potrebnih informacija – 1. dio: Koncepti i načela (ISO/DIS 7817:2023)

HZN/TO 554, *Obrada otpadnih voda*

- prEN 12255-1 en
Wastewater treatment plants – Part 1: General construction principles
Uređaji za pročišćivanje otpadnih voda – 1. dio: Opća načela izvedbe
- prEN 12255-7 en
Wastewater treatment plants – Part 7: Biological fixed-film reactors
Uređaji za pročišćivanje otpadnih voda – 7. dio: Reaktori s biološkim filmom

HZN/TO 556, *Osobna zaštitna oprema*

- prEN ISO 16321-4 en
Eye and face protection for occupational use – Part 4: Additional requirements for protection against biological hazards (ISO/DIS 16321-4:2023)
- EN ISO 20344:2021/prA1 en
Personal protective equipment – Test methods for footwear (ISO 20344:2021/DAmD 1:2023)
Osobna zaštitna oprema – Metode ispitivanja za obuću (ISO 20344:2021/DAmD 1:2023)

HZN/TO 560, *Tekstilni proizvodi*

- prEN 17134-1 en
Textiles and textile products – Determination of biocide additives – Part 1: 2-Phenylphenol and triclosan, method using liquid chromatography

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

- prEN 17339 en
Transportable gas cylinders – Fully wrapped carbon composite cylinders and tubes for hydrogen
Prenosive plinske boce – Kompozitne boce i cilindrični spremnici za vodik potpuno omotane ugljičnim vlaknima

HZN/TO 562, *Alatni strojevi i alati*

- prEN ISO 23125-1 en
Machine tools safety – Turning machines – Part 1: Safety requirements (ISO/DIS 23125-1:2023)
Alatni strojevi – Tokarilice – 1. dio: Sigurnosni zahtjevi (ISO/DIS 23125-1:2023)

HZN/TO 567, *Meso, meso peradi, jaja i njihovi proizvodi, ribe, proizvodi ribarstva i akvakultura*

- prEN 17988-1 en
Circular design of fishing gear and aquaculture equipment – Part 1: general requirements and guidance
Kružni dizajn ribolovnog alata i opreme za akvakulturu – Dio 1: Opći zahtjevi i smjernice

- prEN 17988-2 en
Circular design of fishing gear and aquaculture equipment – Part 2: User manual and labelling
Kružni dizajn ribolovnog alata i opreme za akvakulturu – Dio 2: Korisnički priručnik i označavanje

- prEN 17988-3 en
Circular design of fishing gear and aquaculture equipment – Part 3: Technical requirements
Kružni dizajn ribolovnog alata i opreme za akvakulturu – Dio 3: Tehnički zahtjevi

- prEN 17988-4 en
Circular design of fishing gear and aquaculture equipment – Part 4: Environmental and circularity requirements and guidelines
Kružni dizajn ribolovnog alata i opreme za akvakulturu – Dio 4: Okolišni i zahtjevi kružnog gospodarstva i smjernice

- prEN 17988-5 en
Circular design of fishing gear and aquaculture equipment – Part 5: Circular business model
Kružni dizajn ribolovnog alata i opreme za akvakulturu – Dio 5: Model kružnog gospodarstva

- prEN 17988-6 en
Circular design of fishing gear and aquaculture equipment – Part 6: Requirements and guidance for digitalization of information on gear and components
Kružni dizajn ribolovnog alata i opreme za akvakulturu – Dio 6: Zahtjevi i smjernice za digitalizaciju informacija o alatima i dijelovima opreme

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

- EN ISO 6887-1:2017/prA1 en
Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination – Part 1: General rules for the preparation of the initial suspension and decimal dilutions – Amendment 1: Requirements and guidance on the use of larger test portion size for qualitative methods (ISO 6887-1:2017/DAmD1:2023)
- EN ISO 16140-2:2016/prA1 en
Microbiology of the food chain – Method validation – Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method (ISO 16140-2:2016/Amd 1)
Mikrobiologija u lancu hrane – Validacija metode – 2. dio: Protokol za validaciju alternativnih metoda prema referentnoj metodi (ISO 16140-2:2016/Amd 1)
- EN ISO 16140-4:2020/prA1 en
Microbiology of the food chain – Method validation – Part 4: Protocol for method validation in a single laboratory – Amendment 1: Validation of a larger test portion size for qualitative methods (ISO 16140-4:2020/DAmD 1:2023)

HZN/TO 582, *Informacijska sigurnost i upravljanje kontinuitetom poslovanja*

- prEN ISO/IEC 15408-1 en
Information security, cybersecurity and privacy protection – Evaluation criteria for IT security – Part 1: Introduction and general model (ISO/IEC 15408-1:2022)
- prEN ISO/IEC 15408-2 en
Information security, cybersecurity and privacy protection – Evaluation criteria for IT security – Part 2: Security functional components (ISO/IEC 15408-2:2022)
- prEN ISO/IEC 15408-3 en
Information security, cybersecurity and privacy protection – Evaluation criteria for IT security – Part 3: Security assurance components (ISO/IEC 15408-3:2022)
- prEN ISO/IEC 15408-4 en
Information security, cybersecurity and privacy protection – Evaluation criteria for IT security – Part 4: Framework for the specification of evaluation methods and activities (ISO/IEC 15408-4:2022)

prEN ISO/IEC 15408-5 en
Information security, cybersecurity and privacy protection
– Evaluation criteria for IT security – Part 5: Pre-defined
packages of security requirements (ISO/IEC 15408-5:2022)

prEN ISO/IEC 18045 en
Information security, cybersecurity and privacy protection
– Evaluation criteria for IT security – Methodology for IT
security evaluation (ISO/IEC 18045:2022)

prEN ISO/IEC 27006-2 en
Requirements for bodies providing audit and certification of
information security management systems – Part 2: Privacy
information management systems (ISO/IEC/DIS 27006-2:2023)

HZN/TO E9, Električna oprema za željeznicu

prEN 50343 en
Railway applications – Rolling stock – Rules for installation
of cabling
Željeznički sustav – Željeznička vozila – Pravila instaliranja
ožičenja

HZN/TO E14, Energetski transformatori

prEN IEC 60076-4:2023 en
Power transformers – Part 4: Guide to the lightning impulse
and switching impulse testing – Power transformers and
reactors (IEC 60076-4 ED2)
Energetski transformatori – 4. dio: Upute za ispitivanja
udarnim i sklopnim naponom – Energetski transformatori i
prigušnice (IEC 60076-4 ED2)

HZN/TO E17, Sklopni i upravljački uređaji

EN IEC 60947-4-2:2023/prA1:2023 en
Low-voltage switchgear and controlgear – Part 4-2: Contactors
and motor-starters – Semiconductor motor controllers,
starters and soft-starters (IEC 60947-4-2/am1 ED4)
Niskonaponska sklopna aparatura – Dio 4-2: Sklopnici i
motorski pokretači – Poluvodički motorski kontroleri, pokretači
i pokretači za mekani start (IEC 60947-4-2/am1 ED4)

prEN IEC 62271-211:2023 en
High-voltage switchgear and controlgear – Part 211: Direct
connection between power transformers and gas-insulated
metal-enclosed switchgear for rated voltages above 52 kV
(IEC 62271-211 ED2)
Visokonaponska sklopna aparatura – 211. dio: Izravan spoj
između energetske transformatora i metalom oklopljene
plinom izolirane sklopne aparature za nazivne napone iznad
52 kV (IEC 62271-211 ED2)

HZN/TO E23, Električni instalacijski pribor

prEN IEC 60898-3:2023 en
Electrical accessories – Circuit-breakers for overcurrent
protection for household and similar installations – Part 3:
Circuit-breakers for DC operation (IEC 60898-3:2019)
Električni pribor – Instalacijski prekidači za nadstrujnu zaštitu
za kućanstvo i slične instalacije – 3. dio: Instalacijski prekidači
za rad s istosmjernom strujom (IEC 60898-3:2019)

prEN IEC 60898-3:2023/prA1:2023 en
Electrical accessories – Circuit-breakers for overcurrent
protection for household and similar installations – Part 3:
Circuit-breakers for DC operation (IEC 60898-3:2019/am1:2022)
Električni pribor – Instalacijski prekidači za nadstrujnu zaštitu
za kućanstvo i slične instalacije – 3. dio: Instalacijski prekidači
za rad s istosmjernom strujom (IEC 60898-3:2019/am1:2022)

prEN IEC 60898-3:2023/prAA:2023 en
Electrical accessories – Circuit-breakers for overcurrent
protection for household and similar installations – Part 3:
Circuit-breakers for DC operation
Električni pribor – Instalacijski prekidači za nadstrujnu zaštitu
za kućanstvo i slične instalacije – 3. dio: Instalacijski prekidači
za rad s istosmjernom strujom

HZN/TO E31, Eksplozivne atmosfere

EN 14373:2021/prA1 en
Explosion suppression systems
Sustavi sprečavanja eksplozije

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

EN IEC 63128:2019/prA1:2023 en
Lighting control interface for dimming – Analogue voltage
dimming interface for electronic current sourcing controlgear
(IEC 63128/am1 ED1)
Upravljačko sučelje za prigušivanje rasvjeta – Analogno
sučelje za prigušivanje napona za elektroničke strujne
predspojne naprave (IEC 63128/am1 ED1)

HZN/TO E55, Žice za namote

EN 60317-67:2017/prA1:2023 en
Specifications for particular types of winding wires – Part 67:
Polyvinyl acetal enamelled rectangular aluminium wire,
class 105 (IEC 60317-67/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – 67. dio: Polivinil
acetalom lakirana profilna aluminijska žica, razreda 105
(IEC 60317-67/am1 ED1)

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

prHD 60364-7-712:2023 en
Low voltage electrical installations – Part 7-712: Requirements
for special installations or locations – Solar photovoltaic (PV)
power supply systems (IEC 60364-7-712 ED3)
Niskonaponske električne instalacije – Dio 7-712: Zahtjevi za
posebne instalacije ili prostore – Solarni fotonaponski sustavi
(PV) za opskrbu energijom (IEC 60364-7-712 ED3)

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

prEN IEC 63261:2023 en
Representation of electrical & instrument objects in digital 3D
plant models during engineering (IEC 63261 ED1)

prEN IEC 63303:2023 en
Human-Machine Interfaces for Process Automation Systems
(IEC 63303 ED1)

HZN/TO E501, Elektroakustika i ultrazvuk

prEN IEC 61846:2023 en
Ultrasonics – Therapeutic focused short pressure pulse
sources – Characteristics of fields (IEC 61846 ED2)

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 300 019-2-6 V3.0.7:2023 en
Environmental Engineering (EE) – Environmental conditions
and environmental tests for telecommunications equipment
– Part 2: Specification of environmental tests – Sub-part 6:
Ship environments
Inženjerstvo okoliša (EE) – Uvjeti okoliša i ispitivanje utjecaja
telekomunikacijske opreme na okoliš – 2. dio: Specifikacija
ispitivanja utjecaja na okoliš – 6. poddio: Brodski okoliš

Draft EN 319 411-1 V1.4.0:2023 en
Electronic Signatures and Infrastructures (ESI) – Policy and
security requirements for Trust Service Providers issuing
certificates – Part 1: General requirements
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi općih
pravila i zahtjevi sigurnosti za vjerodostojne davatelje usluga
certificiranja – 1. dio: Opći zahtjevi

Draft EN 319 411-2 V2.5.0:2023 en

Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 2: Requirements for trust service providers issuing EU qualified certificates
Elektronički potpisi i infrastrukture (ESI) – Zahtjevi općih pravila i zahtjevi sigurnosti za vjerodostojne davatelje usluga certificiranja – 2. dio: Zahtjevi za opća pravila za certifikacijska tijela koja izdaju EU kvalificirane certifikate

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

prEN ISO 8130-15 en

Coating powders – Part 15: Rheology (ISO 8130-15:2023)
Praškasti prekrivni materijali – 15. dio: Reologija (ISO 8130-15:2023)

prEN 13523-1 en

Coil coated metals – Test methods – Part 1: Film thickness
Prevučeni metali u namotajima – Metode ispitivanja – 1. dio: Debljina sloja

prEN 13523-3 en

Coil coated metals – Test methods – Part 3: Colour difference and metamerism – Instrumental comparison
Prevučeni metali u namotajima – Metode ispitivanja – 3. dio: Razlike u boji i metamerizam – Usporedba pomoću instrumenta

prEN 13523-8 en

Coil coated metals – Test methods – Part 8: Resistance to salt spray (fog)
Prevučeni metali u namotajima – Metode ispitivanja – 8. dio: Otpornost na slanu maglu

prEN 13523-10 en

Coil coated metals – Test methods – Part 10: Resistance to fluorescent UV radiation and water condensation
Prevučeni metali u namotajima – Metode ispitivanja – 10. dio: Otpornost na fluorescentno UV zračenje i kondenzaciju vode

prEN 13523-12 en

Coil coated metals – Test methods – Part 12: Resistance to scratching
Prevučeni metali u namotajima – Metode ispitivanja – 12. dio: Otpornost na grebanje

prEN 13523-21 en

Coil coated metals – Test methods – Part 21: Evaluation of outdoor exposed panels
Prevučeni metali u namotajima – Metode ispitivanja – 21. dio: Ocjena ploča izloženih vanjskim utjecajima

prEN 13523-22 en

Coil coated metals – Test methods – Part 22: Colour difference – Visual comparison
Prevučeni metali u namotajima – Metode ispitivanja – 22. dio: Razlike u boji – Vizualna usporedba

prEN 13523-29 en

Coil coated metals – Test methods – Part 29: Resistance to environmental soiling (Dirt pick-up and striping)
Prevučeni metali u namotajima – Metode ispitivanja – 29. dio: Otpornost na nečistoću iz okoliša (Nakupljanje nečistoće i nastanak pruga)

HZN/TU I1, Strojarstvo 1

prEN 15895 en

Powder actuated hand-held fixing and hard marking tools – Safety requirements
Ručni alati za pričvršćivanje i tvrdo označavanje s puderom – Sigurnosni zahtjevi

HZN/TU I2, Strojarstvo 2

prEN 1860-1 en

Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods
Aparati, kruta goriva i sredstva za potpalu za roštiljanje – 1. dio: Roštilji na kruta goriva – Zahtjevi i metode ispitivanja

HZN/TU N1, Nemetalni materijali 1

prEN 16916 en

Materials obtained from End of Life Tyres – Determination of specific requirements for sampling and determination of moisture content using the oven-dry method

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

prEN ISO 7199 en

Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators) (ISO/DIS 7199:2023)
Kardiovaskularni implantati i umjetni organi – Izmjenjivači plinova u krvi (uređaji za obogaćivanje krvi kisikom) (ISO/DIS 7199:2023)

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

prEN 2588 en

Aerospace series – Bearing, spherical plain in corrosion resisting steel with assembly slots – Dimensions and loads
Zrakoplovstvo – Ležajevi, kuglasti klizni sa žljebovima, izrađeni od čelika otpornog na koroziju – Dimenzije i opterećenja

prEN 3155-074 en

Aerospace series – Electrical contacts used in elements of connection – Part 074: Contacts, electrical, quadax, size 8, male, type E, crimp, class R – Product standard
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – Dio 074: Kontakti, električni, kvadratni, veličina 8, muški, tip E, za krimpanje, razreda R – Norma za proizvod

prEN 3375-011 en

Aerospace series – Cable, electrical for digital data transmission – Part 011: Single braid – Star Quad 100 ohms – Lightweight – Type KL – Product standard
Zrakoplovstvo – Električni kabeli za prijenos digitalnih podataka – Dio 011: Jednostruko pleteni – Četverožilni 100 oma – Male težine – Tip KL – Norma za proizvod

prEN 16803-4 en

Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) – Part 4: Definitions and system engineering procedures for the design and validation of test scenarios

prEN 17860-5 en

Carrier cycles – Part 5: Electrical aspects

prEN 17860-7 en

Carrier cycles – Part 7: Cargo trailers

HZN/TU U1, Opća elektrotehnika 1

prEN IEC 60721-3-9:2023 en

Classification of environmental conditions – Part 3: Classification of groups of environmental parameters and their severities – Section 9: Microclimates inside products (IEC 60721-3-9 ED2)
Razredba uvjeta okoliša – 3. dio: Razredba skupina parametara okoliša i njihovog intenziteta – 9. odjeljak: Mikroklima unutar proizvoda (IEC 60721-3-9 ED2)

prEN IEC 82474-1:2023 en

Material declaration – Part 1: General requirements (IEC 82474-1 ED1)
Deklaracija materijala – 1. dio: Opći zahtjevi (IEC 82474-1 ED1)

HZN/TU V1, Elektronika 1

prEN IEC 61280-4-2:2023 en

Fibre optic communication subsystem test procedures – Part 4-2: Installed cable plant – Single-mode attenuation and optical return loss measurement (IEC 61280-4-2 ED3)

prEN IEC 61757-6-1:2023 en

Fibre optic sensors – Part 6-1: Displacement measurement – Displacement sensors based on fibre Bragg gratings (IEC 61757-6-1 ED1)

prEN IEC 61757-7-3:2023 en
Fibre optic sensors – Part 7-3: Voltage measurement
– Polarimetric method (IEC 61757-7-3 ED1)

prEN IEC 62024-1:2023 en
High frequency inductive components – Electrical
characteristics and measuring methods – Part 1: Nanohenry
range chip inductor (IEC 62024-1 ED4)

HZN/TU W1, Energetska elektrotehnika 1

prEN IEC 61810-7-1:2023 en
Electrical relays – Tests and Measurements – Part 7-1: Visual
inspection and check of dimensions (IEC 61810-7-1 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-1: Vizualna
inspekcija i provjera dimenzija (IEC 61810-7-1 ED1)

prEN IEC 61810-7-18:2023 en
Electrical relays – Tests and Measurements – Part 7-18:
Thermal resistance of the coil (IEC 61810-7-18 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-18: Toplinska
otpornost zavojnice (IEC 61810-7-18 ED1)

prEN IEC 61810-7-20:2023 en
Electrical relays – Tests and Measurements – Part 7-20:
Mechanical endurance (IEC 61810-7-20 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-20: Mehanička
izdržljivost (IEC 61810-7-20 ED1)

prEN IEC 61810-7-22:2023 en
Electrical relays – Tests and Measurements – Part 7-22:
Limiting continuous current (IEC 61810-7-22 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-22: Granična
kontinuirana struja (IEC 61810-7-22 ED1)

prEN IEC 61810-7-24:2023 en
Electrical relays – Tests and Measurements – Part 7-24: Load
transfer (IEC 61810-7-24 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-24: Prijenos
tereta (IEC 61810-7-24 ED1)

prEN IEC 61810-7-25:2023 en
Electrical relays – Tests and Measurements – Part 7-25:
Magnetic interference (IEC 61810-7-25 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-25: Magnetska
interferencija (IEC 61810-7-25 ED1)

prEN IEC 61810-7-4:2023 en
Electrical relays – Tests and Measurements Part 7-4:
Dielectric strength test (IEC 61810-7-4 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-4: Ispitivanje
dielektričke čvrstoće (IEC 61810-7-4 ED1)

prEN IEC 61810-7-40:2023 en
Electrical relays – Tests and Measurements – Part 7-40: Short
circuit testing (IEC 61810-7-40 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-40: Ispitivanje
kratkog spoja (IEC 61810-7-40 ED1)

prEN IEC 61810-7-41:2023 en
Electrical relays – Tests and Measurements – Part 7-41:
Insulation coordination (IEC 61810-7-41 ED1)
Električni releji – Ispitivanja i mjerenja – Dio 7-41: Koordinacija
izolacije (IEC 61810-7-41 ED1)

EN 62841-2-11:2016/prAB:2023 en
Electric motor-operated hand-held tools, transportable
tools and lawn and garden machinery – Safety – Part 2-11:
Particular requirements for hand-held reciprocating saws
Ručni elektromotorni alati, prijenosni alati i mehanizacija za
travnjake i vrtove – Sigurnost – Dio 2-11: Posebni zahtjevi za
ručne pile s unutarnjim izgaranjem

prEN IEC 62933-1:2023 en
Electrical energy storage (EES) systems – Part 1: Vocabulary
(IEC 62933-1 ED2)
Sustavi za pohranu električne energije (EES) – 1. dio: Rječnik
(IEC 62933-1 ED2)

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 6, Papir, karton i pulpe

HRN ISO 3688:2001 en
Pulpe – Priprema laboratorijskog lista za mjerenje faktora
refleksije difuznog plavog svjetla (ISO svjetlina) (ISO 3688:1999)
Pulps – Preparation of laboratory sheets for the measurement of
diffuse blue reflectance factor (ISO brightness) (ISO 3688:1999)
- zamijenjena s: HRN ISO 3688:2023

HRN ISO 9184-1:2002 en
Papir, karton i pulpe – Analiza sastava vlakana – 1. dio: Opća
metoda (ISO 9184-1:1990)
Paper, board and pulps – Fibre furnish analysis – Part 1:
General method (ISO 9184-1:1990)
- zamijenjena s: HRN ISO 9184-1:2023

HZN/TO 28, Naftni proizvodi i maziva

HRN ISO 7278-4:2005 en
Tekući ugljikovodici – Dinamičko mjerenje – Ispitni sustavi za
provjeru mjerila obujma – 4. dio: Upute za rukovatelje cijevnih
ispitnih uređaja (ISO 7278-4:1999)
Liquid hydrocarbons – Dynamic measurement – Proving
systems for volumetric meters – Part 4: Guide for operators of
pipe provers (ISO 7278-4:1999)
- zamijenjena s: HRN EN ISO 7278-2:2022

HRN ISO 7507-2:2008 en
Nafta i tekući naftni proizvodi – Umjeravanje vertikalnih
valjkastih spremnika – 2. dio: Metoda s pomoću optičke
referentne crte (ISO 7507-2:2005)
Petroleum and liquid petroleum products – Calibration of
vertical cylindrical tanks – Part 2: Optical-reference-line
method (ISO 7507-2:2005)
- zamijenjena s: HRN ISO 7507-2:2023

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

HRN EN ISO 3657:2020 en
Životinjske i biljne masti i ulja – Određivanje broja osapunjenja
(ISO 3657:2020; EN ISO 3657:2020)
Animal and vegetable fats and oils – Determination of
saponification value (ISO 3657:2020; EN ISO 3657:2020)
- zamijenjena s: HRN EN ISO 3657:2023

HRN EN ISO 27971:2015 en
Žitarice i proizvodi od žitarica – Krušna pšenica (Triticum
aestivum L.) – Određivanje alveografskih svojstava tijesta
komercijalnih ili ispitnih brašna uz konstantno vlaženje
i postupak laboratorijskog mljevenja (ISO 27971:2015;
EN ISO 27971:2015)
Cereals and cereal products – Common wheat (Triticum
aestivum L.) – Determination of alveograph properties
of dough at constant hydration from commercial or test
flours and test milling methodology (ISO 27971:2015;
EN ISO 27971:2015)
- zamijenjena s: HRN EN ISO 27971:2023

HZN/TO 43, Akustika

HRN ISO 362-1:2018 en
Mjerenje buke cestovnih vozila pri ubrzavanju – Inženjerska
metoda – 1. dio: Kategorije M i N (ISO 362-1:2015)
Measurement of noise emitted by accelerating road
vehicles – Engineering method – Part 1: M and N categories
(ISO 362-1:2015)
- bez zamjene

HRN ISO 362-3:2018 en

Mjerenje buke cestovnih vozila pri ubrzanju – Inženjerska metoda – 3. dio: Ispitivanje kategorija M i N u zatvorenom prostoru (ISO 362-3:2016)
Measurement of noise emitted by accelerating road vehicles – Engineering method – Part 3: Indoor testing M and N categories (ISO 362-3:2016)
- bez zamjene

HRN EN 14366:2019 en

Laboratorijsko mjerenje buke od odvodnih instalacija (EN 14366:2004+A1:2019)
Laboratory measurement of noise from waste water installations (EN 14366:2004+A1:2019)
- zamijenjena s: HRN EN 14366-1:2023

HZN/TO 71, Beton

HRN EN 480-1:2015 en

Dodatci betonu, mortu i smjesi za injektiranje – Metode ispitivanja – 1. dio: Referentni beton i referentni mort za ispitivanje (EN 480-1:2014)
Admixtures for concrete, mortar and grout – Test methods – Part 1: Reference concrete and reference mortar for testing (EN 480-1:2014)
- zamijenjena s: HRN EN 480-1:2023

HRN EN 480-15:2013 en

Dodatci betonu, mortu i smjesi za injektiranje – Metode ispitivanja – 15. dio: Referentni beton i metode ispitivanja dodataka za mijenjanje viskoznosti (EN 480-15:2013)
Admixtures for concrete, mortar and grout – Test methods – Part 15: Reference concrete and method for testing viscosity modifying admixtures (EN 480-15:2013)
- zamijenjena s: HRN EN 480-15:2023

HZN/TO 108, Mehaničke vibracije i udari

HRN ISO 10816-3:2018 en

Mehaničke vibracije – Ocjenjivanje vibracija strojeva mjerenjem na nerotirajućim dijelovima – 3. dio: Industrijski strojevi nazivne snage iznad 15 kW i nazivnih brzina između 120 o/min i 15000 o/min kad se mjere na mjestu (ISO 10816-3:2009+Amd 1:2017)
Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 3: Industrial machines with nominal power above 15 kW and nominal speeds between 120 r/min and 15 000 r/min when measured in situ (ISO 10816-3:2009+Amd 1:2017)
- bez zamjene

HRN ISO 21940-21:2018 en

Mehaničke vibracije – Uravnoteživanje rotora – 21. dio: Opis i procjena strojeva za uravnoteživanje (ISO 21940-21:2012)
Mechanical vibration – Rotor balancing – Part 21: Description and evaluation of balancing machines (ISO 21940-21:2012)
- bez zamjene

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 5367:2015 en

Anestetička i respiracijska oprema – Sklopovi za disanje i priključci (ISO 5367:2014; EN ISO 5367:2014)
Anaesthetic and respiratory equipment – Breathing sets and connectors (ISO 5367:2014; EN ISO 5367:2014)
- zamijenjena s: HRN EN ISO 5367:2023

HRN EN ISO 27427:2019 en

Anestetička i respiracijska oprema – Sustavi i komponente za stvaranje aerosola (ISO 27427:2013; EN ISO 27427:2019)
Anaesthetic and respiratory equipment – Nebulizing systems and components (ISO 27427:2013; EN ISO 27427:2019)
- zamijenjena s: HRN EN ISO 27427:2023

HRN EN ISO 80601-2-72:2015 en

Medicinska električna oprema – Dio 2-72: Posebni zahtjevi za osnovnu sigurnost i nužne značajke uređaja za potporu disanju u kućnoj zdravstvenoj njezi kod pacijenata ovisnih o respiratoru (ISO 80601-2-72:2015; EN ISO 80601-2-72:2015)
Medical electrical equipment – Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients (ISO 80601-2-72:2015; EN ISO 80601-2-72:2015)
- zamijenjena s: HRN EN ISO 80601-2-72:2023

HZN/TO 126, Duhan i duhanski proizvodi

HRN ISO 3402:2007 en

Duhan i duhanski proizvodi – Atmosfera za kondicioniranje i ispitivanje (ISO 3402:1999)
Tobacco and tobacco products – Atmosphere for conditioning and testing (ISO 3402:1999)
- zamijenjena s: HRN ISO 3402:2023

HRN ISO 15592-3:2010 en

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 15592-3:2008)
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 (ISO 15592-3:2008)
- zamijenjena s: HRN ISO 15592-3:2023

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 12946:2002 en

Tvari za kalcifikaciju – Određivanje udjela kalcija i magnezija – Kompleksometrijska metoda (EN 12946:2000+AC:2002)
Liming materials – Determination of calcium content and magnesium content – Complexometric method (EN 12946:2000+AC:2002)
- zamijenjena s: HRN EN 12946:2023

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

HRN EN 761:2003 en

Plastični cijevni sustavi – Staklom ojačane duromerne (GRP) cijevi – Određivanje faktora puzanja u suhim uvjetima (EN 761:1994)
Plastics piping systems – Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the creep factor under dry conditions (EN 761:1994)
- zamijenjena s: HRN EN ISO 10468:2023

HRN EN 761:2003/Ispr.1:2008 en

Plastični cijevni sustavi – Staklom ojačane duromerne (GRP) cijevi – Određivanje faktora puzanja u suhim uvjetima (EN 761:1994/AC:1995)
Plastics piping systems – Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the creep factor under dry conditions (EN 761:1994/AC:1995)
- zamijenjena s: HRN EN ISO 10468:2023

HRN ISO 10468:2021 en

Staklom ojačane duromerne (GRP) cijevi – Određivanje obodne krutosti zbog puzanja (ISO 10468:2018)
Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the ring creep properties under wet or dry conditions (ISO 10468:2018)
- zamijenjena s: HRN EN ISO 10468:2023

HZN/TO 159, Ergonomija

HRN EN ISO 7933:2007 en

Ergonomija toplinskog okoliša – Analitičko određivanje i tumačenje toplinskog opterećenja uporabom izračuna predviđenoga toplinskog naprezanja (ISO 7933:2004; EN ISO 7933:2004)
Ergonomics of the thermal environment – Analytical determination and interpretation of heat stress using calculation of the predicted heat strain (ISO 7933:2004; EN ISO 7933:2004)
- zamijenjena s: HRN EN ISO 7933:2023

HRN ISO 9355-1:2003 en

Ergonomski zahtjevi za dizajn zaslona i pokretača upravljanja – 1. dio: Interakcija čovjeka i zaslona te pokretača upravljanja (ISO 9355-1:1999)
Ergonomic requirements for the design of display and control actuators – Part 1: Human interactions with displays and control actuators (ISO 9355-1:1999)
- bez zamjene

HZN/TO 163, Toplinska izolacija

HRN EN 15026:2008 en

Značajke građevnih dijelova i građevnih dijelova zgrada s obzirom na toplinu i vlagu – Procjena prijenosa vlage numeričkom simulacijom (EN 15026:2007)
Hygrothermal performance of building components and building elements – Assessment of moisture transfer by numerical simulation (EN 15026:2007)
- zamijenjena s: HRN EN 15026:2023

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 9342-1:2008 en

Optika i optički instrumenti – Ispitne leće za kalibraciju focimetra – 1. dio: Ispitne leće za focimetar koje se rabe za mjerenje naočalnih leća (ISO 9342-1:2005; EN ISO 9342-1:2005)
Optics and optical instruments – Test lenses for calibration of focimeters – Part 1: Test lenses for focimeters used for measuring spectacle lenses (ISO 9342-1:2005; EN ISO 9342-1:2005)
- zamijenjena s: HRN EN ISO 9342-1:2023

HRN EN ISO 24013:2008 en

Optika i fotonika – Laseri i pridružena oprema – Mjerenje faznog usporjenja optičkih komponenti za polarizirano lasersko zračenje (ISO 24013:2006; EN ISO 24013:2006)
Optics and photonics – Lasers and laser-related equipment – Measurement of phase retardation of optical components for polarized laser radiation (ISO 24013:2006; EN ISO 24013:2006)
- zamijenjena s: HRN EN ISO 24013:2023

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

HRN EN ISO 25745-1:2013 en

Energetske značajke dizala, pokretnih stuba i pokretnih traka – 1. dio: Mjerenje energije i potvrđivanje (ISO 25745-1:2012; EN ISO 25745-1:2012)
Energy performance of lifts, escalators and moving walks – Part 1: Energy measurement and verification (ISO 25745-1:2012; EN ISO 25745-1:2012)
- zamijenjena s: HRN EN ISO 25745-1:2023

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19123:2008 en

Geoinformacije – Shema za geometriju i funkcije pokrova (ISO 19123:2005; EN ISO 19123:2007)
Geographic information – Schema for coverage geometry and functions (ISO 19123:2005; EN ISO 19123:2007)
- zamijenjena s: HRN EN ISO 19123-1:2023

HZN/TO 218, Drvo

HRN EN 13489:2017 en

Drvene i parketne podne obloge – Višeslojni parketni elementi (EN 13489:2017)
Wood and parquet flooring – Multi-layer parquet elements (EN 13489:2017)
- zamijenjena s: HRN EN 13489:2023

HZN/TO 508, Ambalaža i pakiranje

HRN EN 16287-1:2014 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 1. dio: Povratno staklo MCA 1 grlo (EN 16287-1:2014)
Glass packaging – Screw finishes for pressure capsules – Part 1: Returnable glass MCA 1 finish (EN 16287-1:2014)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16287-2:2014 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 2. dio: Nepovratno staklo MCA 1 grlo (EN 16287-2:2014)
Glass packaging – Screw finishes for pressure capsules – Part 2: One way glass MCA 1 finish (EN 16287-2:2014)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16288-1:2014 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 1. dio: Povratno staklo MCA 3 grlo (EN 16288-1:2014)
Glass packaging – Screw finishes for pressure capsules – Part 1: Returnable glass MCA 3 finish (EN 16288-1:2014)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16288-2:2014 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 2. dio: Nepovratno staklo MCA 3 grlo (EN 16288-2:2014)
Glass packaging – Screw finishes for pressure capsules – Part 2: One way glass MCA 3 finish (EN 16288-2:2014)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16289:2013 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – MCA 7,5 RF grlo (EN 16289:2013)
Glass packaging – Screw finishes for pressure capsules – MCA 7,5 RF finish (EN 16289:2013)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16290-1:2014 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 1. dio: Povratno staklo MCA 7,5 R grlo (EN 16290-1:2014)
Glass packaging – Screw finishes for pressure capsules – Part 1: Returnable glass MCA 7,5 R finish (EN 16290-1:2014)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16290-2:2014 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 2. dio: Nepovratno staklo MCA 7,5 R grlo (EN 16290-2:2014)
Glass packaging – Screw finishes for pressure capsules – Part 2: One way glass MCA 7,5 R finish (EN 16290-2:2014)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16291-1:2013 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 1. dio: Povratno staklo MCA 2 grlo (EN 16291-1:2013)
Glass packaging – Screw finishes for pressure capsules – Part 1: Returnable glass MCA 2 finish (EN 16291-1:2013)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16291-2:2013 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 2. dio: Nepovratno staklo MCA 2 grlo (EN 16291-2:2013)
Glass packaging – Screw finishes for pressure capsules – Part 2: One way glass MCA 2 finish (EN 16291-2:2013)
- zamijenjena s: HRN EN 17829:2023

HRN EN 16291-2:2013/Ispr.1:2014 en

Staklena ambalaža – Navojna grla za zatvarače pod tlakom – 2. dio: Nepovratno staklo MCA 2 grlo (EN 16291-2:2013/AC:2014)
Glass packaging – Screw finishes for pressure capsules – Part 2: One way glass MCA 2 finish (EN 16291-2:2013/AC:2014)
- zamijenjena s: HRN EN 17829:2023

HZN/TO 515, Žičare, uspinjače i vučnice

HRN EN 15700:2012 en

Sigurnost traka konvejera za zimski sport ili slobodne aktivnosti (EN 15700:2011)
Safety for conveyor belts for winter sport or leisure use (EN 15700:2011)
- zamijenjena s: HRN EN 15700:2023

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

HRN EN 508-3:2021 en

Proizvodi od lima za pokrivanje krovova i oblaganje zidova – Specifikacija za samonosive proizvode od čeličnog, aluminijskog ili nehrđajućeg čeličnog lima – 3. dio: Nehrđajući čelik (EN 508-3:2021)
Roofing and cladding products from metal sheet – Specification for self-supporting products of steel, aluminium or stainless steel sheet – Part 3: Stainless steel (EN 508-3:2021)
- zamijenjena s: HRN EN 508-3:2023

HZN/TO 526, Bitumenska veziva

HRN EN 12595:2014 en
Bitumen i bitumenska veziva – Određivanje kinematičke viskoznosti (EN 12595:2014)
Bitumen and bituminous binders – Determination of kinematic viscosity (EN 12595:2014)
- zamijenjena s: HRN EN 12595:2023

HRN EN 12596:2014 en
Bitumen i bitumenska veziva – Određivanje dinamičke viskoznosti pomoću kapilarnih viskozimetara uz primjenu vakuuma (EN 12596:2014)
Bitumen and bituminous binders – Determination of dynamic viscosity by vacuum capillary (EN 12596:2014)
- bez zamjene

HRN EN 14769:2012 en
Bitumen i bitumenska veziva – Postupak oponašanja ubrzanoga dugotrajnog starenja uporabom tlačne komore (PAV) (EN 14769:2012)
Bitumen and bituminous binders – Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV) (EN 14769:2012)
- zamijenjena s: HRN EN 14769:2023

HRN EN 14770:2012 en
Bitumen i bitumenska veziva – Određivanje kompleksnoga posmičnog modula i faznoga kuta – Reometar s dinamičkim smicanjem (DSR) (EN 14770:2012)
Bitumen and bituminous binders – Determination of complex shear modulus and phase angle – Dynamic Shear Rheometer (DSR) (EN 14770:2012)
- zamijenjena s: HRN EN 14770:2023

HRN EN 14771:2012 en
Bitumen i bitumenska veziva – Određivanje krutosti puzanja pri savijanju – Reometar za ispitivanje uzorka savijanjem (BBR) (EN 14771:2012)
Bitumen and bituminous binders – Determination of the flexural creep stiffness – Bending Beam Rheometer (BBR) (EN 14771:2012)
- zamijenjena s: HRN EN 14771:2023

HZN/TO 528, Oprema za željeznice

HRN EN 16186-5:2021 en
Željeznički sustav – Upravljačnica – 5. dio: Vidljivost iz tramvajske upravljačnice (EN 16186-5:2021)
Railway applications – Driver's cabs – Part 5: External visibility for tram vehicles (EN 16186-5:2021)
- zamijenjena s: HRN EN 16186-5:2023

HZN/TO 531, Plastika i guma

HRN EN ISO 6186:2008 en
Plastika – Određivanje sipkosti (ISO 6186:1998; EN ISO 6186:1998)
Plastics – Determination of pourability (ISO 6186:1998; EN ISO 6186:1998)
- zamijenjena s: HRN EN ISO 6186:2023

HZN/TO 532, Dimnjaci

HRN EN 15287-1:2010 en
Dimnjaci – Projektiranje, ugradnja i preuzimanje dimnjaka – 1. dio: Dimnjaci za uređaje za loženje s otvorenom komorom za izgaranje (EN 15287-1:2007+A1:2010)
Chimneys – Design, installation and commissioning of chimneys – Part 1: Chimneys for non-roomsealed heating appliances (EN 15287-1:2007+A1:2010)
- zamijenjena s: HRN EN 15287-1:2023

HRN EN 15287-2:2008 en
Dimnjaci – Projektiranje, ugradnja i preuzimanje dimnjaka – 2. dio: Dimnjaci za uređaje za loženje s zatvorenom komorom za izgaranje (EN 15287-2:2008)
Chimneys – Design, installation and commissioning of chimneys – Part 2: Chimneys for roomsealed appliances (EN 15287-2:2008)
- zamijenjena s: HRN EN 15287-2:2023

HZN/TO 534, Spremnici za teret

HRN EN 14432:2015 en
Spremnici za prijevoz opasnih tvari – Oprema spremnika za prijevoz tekućih kemikalija i ukapljenih plinova – Ventilii za ispušt proizvodva i ventilii za ulaz zraka (EN 14432:2014)
Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals and liquefied gases – Product discharge and air inlet valves (EN 14432:2014)
- zamijenjena s: HRN EN 14432:2023

HRN EN 14433:2015 en
Spremnici za prijevoz opasnih tvari – Oprema spremnika za prijevoz tekućih kemikalija i ukapljenih plinova – Nožni ventilii (EN 14433:2014)
Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals and liquefied gases – Foot valves (EN 14433:2014)
- zamijenjena s: HRN EN 14433:2023

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

HRN EN 12152:2002 en
Ovještene fasade – Propusnost zraka – Zahtjevi za svojstva i razredba (EN 12152:2002)
Curtain walling – Air permeability – Performance requirements and classification (EN 12152:2002)
- zamijenjena s: HRN EN 12152:2023

HRN EN 12153:2001 en
Ovještene fasade – Propusnost zraka – Metoda ispitivanja (EN 12153:2000)
Curtain walling – Air permeability – Test method (EN 12153:2000)
- zamijenjena s: HRN EN 12153:2023

HRN EN 14024:2008 en
Metalni profili s prekinutim toplinskim mostom – Mehanička svojstva – Zahtjevi, dokazivanja i ispitivanja za procjenu (EN 14024:2004)
Metal profiles with thermal barrier – Mechanical performance – Requirements, proof and tests for assessment (EN 14024:2004)
- zamijenjena s: HRN EN 14024:2023

HZN/TO 551, Gradnja

HRN EN ISO 10563:2017 en
Zgrade i inženjerske građevine – Brtvila – Određivanje promjene mase i obujma (ISO 10563:2017; EN ISO 10563:2017)
Buildings and civil engineering works – Sealants – Determination of change in mass and volume (ISO 10563:2017; EN ISO 10563:2017)
- zamijenjena s: HRN EN ISO 10563:2023

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN 26948:2002 en
Automatski odvajajući kondenzata – Ispitivanja proizvodnih i radnih značajka (ISO 6948:1981; EN 26948:1991)
Automatic steam traps – Production and performance characteristics tests (ISO 6948:1981; EN 26948:1991)
- zamijenjena s: HRN EN ISO 5117:2023

HRN EN 27841:2002 en
Automatski odvajajući kondenzata – Određivanje gubitka pare – Postupci za ispitivanje (ISO 7841:1988; EN 27841:1991)
Automatic steam traps – Determination of steam loss – Test methods (ISO 7841:1988; EN 27841:1991)
- zamijenjena s: HRN EN ISO 5117:2023

HRN EN 27842:2002 en
Automatski odvajajući kondenzata – Određivanje kapaciteta pražnjenja – Postupci za ispitivanje (ISO 7842:1988; EN 27842:1991)
Automatic steam traps – Determination of discharge capacity – Test methods (ISO 7842:1988; EN 27842:1991)
- zamijenjena s: HRN EN ISO 5117:2023

HZN/TO 560, Tekstilni proizvodi

HRN EN 17134:2019 en

Tekstil i tekstilni proizvodi – Određivanje određenih konzervansa metodom tekuće kromatografije (EN 17134:2019)
Textiles and textile products – Determination of certain preservatives, method using liquid chromatography (EN 17134:2019)
- zamijenjena s: HRN EN 17134-2:2023

HRN EN ISO 17751-1:2016 en

Tekstil – Kvantitativne metode analize kašmira, vune i drugih specijalnih životinjskih vlakana i njihovih mješavina – 1. dio: Metoda svjetlosne mikroskopije (ISO 17751-1:2016; EN ISO 17751-1:2016)
Textiles – Quantitative analysis of cashmere, wool, other specialty animal fibers and their blends – Part 1: Light Microscopy method (ISO 17751-1:2016; EN ISO 17751-1:2016)
- zamijenjena s: HRN EN ISO 17751-1:2023

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

HRN EN ISO 407:2021 en

Male plinske boce za uporabu u medicini – Pin-indeksni priključni ventila sa stremenom (ISO 407:2021; EN ISO 407:2021)
Small medical gas cylinders – Pin-index yoke-type valve connections (ISO 407:2021; EN ISO 407:2021)
- zamijenjena s: HRN EN ISO 407:2023

HRN EN 14334:2015 en

Oprema i pribor za UNP – Pregled i ispitivanje kamionskih cisterni za UNP (EN 14334:2014)
LPG equipment and accessories – Inspection and testing of LPG road tankers (EN 14334:2014)
- zamijenjena s: HRN EN 14334:2023

HZN/TO 566, Mlijeko i mliječni proizvodi

HRN EN ISO 5537:2008 en

Mlijeko u prahu – Određivanje sadržaja vlage (Referentna metoda) (ISO 5537:2004; EN ISO 5537:2004)
Dried milk – Determination of moisture content (Reference method) (ISO 5537:2004; EN ISO 5537:2004)
- zamijenjena s: HRN EN ISO 5537:2023

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

HRN EN ISO/IEC 27001:2017 en

Informacijska tehnologija – Sigurnosne tehnike – Sustavi upravljanja informacijskom sigurnošću – Zahtjevi (ISO/IEC 27001:2013 uključujući Ispravak 1:2014 i Ispravak 2:2015; EN ISO/IEC 27001:2017)
Information technology – Security techniques – Information security management systems – Requirements (ISO/IEC 27001:2013 including Cor 1:2014 and Cor 2:2015; EN ISO/IEC 27001:2017)
- zamijenjena s: HRN EN ISO/IEC 27001:2023

HZN/TO E45, Nuklearna instrumentacija

HRN EN 62387:2016 en

Instrumentacija u zaštiti od zračenja – Pasivni integrirajući dozimetrijski sustavi za nadziranje fotonog i beta zračenja osoba, radnog mjesta i okoliša (IEC 62387:2012, MOD; EN 62387:2016)
Radiation protection instrumentation – Passive integrating dosimetry systems for individual, workplace and environmental monitoring of photon and beta radiation (IEC 62387:2012, MOD; EN 62387:2016)
- zamijenjena s: HRN EN IEC 62387:2022

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRS CLC/TS 61850-80-1:2011 en

Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 80-1: Smjernice za izmjenu informacija iz CDC podatkovnog modela uporabom IEC 60870-5-101 ili IEC 60870-5-104 (IEC/TS 61850-80-1:2008; CLC/TS 61850-80-1:2010)
Communication networks and systems for power utility automation – Part 80-1: Guideline to exchanging information from a CDC-based data model using IEC 60870-5-101 or IEC 60870-5-104 (IEC/TS 61850-80-1:2008; CLC/TS 61850-80-1:2010)
- bez zamjene

HRN EN 61968-1:2014 en

Integracija aplikacija u elektroprivredi – Sučelja za sustave upravljanja u distribuciji – 1. dio: Arhitektura sučelja i opći zahtjevi (IEC 61968-1:2012; EN 61968-1:2013)
Application integration at electric utilities – System interfaces for distribution management – Part 1: Interface architecture and general recommendations (IEC 61968-1:2012; EN 61968-1:2013)
- zamijenjena s: HRN EN IEC 61968-1:2020

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60580:2003 en

Medicinska električna oprema – Mjerila radioaktivne ozračenosti prostora (IEC 60580:2000; EN 60580:2000)
Medical electrical equipment – Dose area product meters (IEC 60580:2000; EN 60580:2000)
- zamijenjena s: HRN EN IEC 60580:2020

HRN EN 60601-2-26:2015 en

Medicinska električna oprema – Dio 2-26: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke elektroencefalografa (IEC 60601-2-26:2012; EN 60601-2-26:2015)
Medical electrical equipment – Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs (IEC 60601-2-26:2012; EN 60601-2-26:2015)
- zamijenjena s: HRN EN IEC 60601-2-26:2020

HRN EN 60601-2-29:2010/A11:2012 en

Medicinski električni uređaji – Dio 2-29: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke radioterapijskih simulatora (EN 60601-2-29:2008/A11:2011)
Medical electrical equipment – Part 2-29: Particular requirements for the basic safety and essential performance of radiotherapy simulators (EN 60601-2-29:2008/A11:2011)
- bez zamjene

HRN EN 60601-2-31:2008 en

Medicinski električni uređaji – Dio 2-31: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke vanjskih elektrostimulatora srca s vlastitim izvorom napajanja (IEC 60601-2-31:2008; EN 60601-2-31:2008)
Medical electrical equipment – Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source (IEC 60601-2-31:2008; EN 60601-2-31:2008)
- zamijenjena s: HRN EN IEC 60601-2-31:2020

HRN EN 60601-2-31:2008/A1:2012 en

Medicinski električni uređaji – Dio 2-31: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke vanjskih elektrostimulatora srca s vlastitim izvorom napajanja (IEC 60601-2-31:2008/am1:2011; EN 60601-2-31:2008/A1:2011)
Medical electrical equipment – Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source (IEC 60601-2-31:2008/am1:2011; EN 60601-2-31:2008/A1:2011)
- zamijenjena s: HRN EN IEC 60601-2-31:2020

HRN EN 80601-2-60:2015 en

Medicinska električna oprema – Dio 2-60: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke stomatološke opreme (IEC 80601-2-60:2012; EN 80601-2-60:2015)
Medical electrical equipment – Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment (IEC 80601-2-60:2012; EN 80601-2-60:2015)
- zamijenjena s: HRN EN 80601-2-60:2020

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

HRN EN 50212:2008 en

Konektori za termoelektrična osjetila (EN 50212:1996)
Connectors for thermoelectric sensors (EN 50212:1996)
- zamijenjena s: HRN EN 50212:2020

HRN EN 60534-2-5:2008 en

Regulacijski ventili za industrijske procese – Dio 2-5: Protočni kapacitet – Jednadžbe za određivanje protoka tekućine kroz stupnjevite upravljačke ventile s međustupanjskom rekuperacijom (IEC 60534-2-5:2003; EN 60534-2-5:2003)
Industrial-process control valves – Part 2-5: Flow capacity – Sizing equations for fluid flow through multistage control valves with interstage recovery (IEC 60534-2-5:2003; EN 60534-2-5:2003)
- bez zamjene

HRN EN 60770-1:2012 en

Prijenosnici za upotrebu u sustavima za industrijsko vođenje procesa – 1. dio: Metode za ocjenjivanje djelovanja (IEC 60770-1:2010; EN 60770-1:2011)
Transmitters for use in industrial-process control systems – Part 1: Methods for performance evaluation (IEC 60770-1:2010; EN 60770-1:2011)
- bez zamjene

HRN EN 60770-2:2011 en

Prijenosnici za upotrebu u sustavima za vođenje industrijskih procesa – 2. dio: Metode za inspekciju i rutinska ispitivanja (IEC 60770-2:2010; EN 60770-2:2010)
Transmitters for use in industrial-process control systems – Part 2: Methods for inspection and routine testing (IEC 60770-2:2010; EN 60770-2:2010)
- bez zamjene

HRN EN 60770-3:2014 en

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

HRN EN 61010-2-201:2013 en

Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-201: Posebni zahtjevi za upravljačku opremu (IEC 61010-2-201:2013; EN 61010-2-201:2013)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-201: Particular requirements for control equipment (IEC 61010-2-201:2013; EN 61010-2-201:2013)
- zamijenjena s: HRN EN IEC 61010-2-201:2018

HRN EN 61010-2-201:2013/Ispr.1:2014 en

Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-201: Posebni zahtjevi za upravljačku opremu (EN 61010-2-201:2013/AC:2013)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-201: Particular requirements for control equipment (EN 61010-2-201:2013/AC:2013)
- zamijenjena s: HRN EN IEC 61010-2-201:2018

HRN EN 61804-3:2015 en

Funkcijski blokovi (FB) za vođenje procesa i jezik za opis elektroničkih uređaja (EDDL) – 3. dio: Jezik za opis elektroničkih uređaja (EDDL) (IEC 61804-3:2015; EN 61804-3:2015)
Function blocks (FB) for process control and EDDL – Part 3: Electronic Device Description Language (EDDL) (IEC 61804-3:2015; EN 61804-3:2015)
- zamijenjena s: HRN EN IEC 61804-3:2020

HRN EN 61804-4:2016 en

Funkcijski blokovi (FB) za vođenje procesa i jezik za opis elektroničkih uređaja (EDDL) – 4. dio: Tumačenje opisa elektroničkih uređaja (EDDL) (IEC 61804-4:2015; EN 61804-4:2016)
Function blocks (FB) for process control and Electronic Device Description Language (EDDL) – Part 4: EDDL interpretation (IEC 61804-4:2015; EN 61804-4:2016)
- zamijenjena s: HRN EN IEC 61804-4:2020

HRN EN 61804-5:2015 en

Funkcijski blokovi (FB) za vođenje procesa i jezik za opis elektroničkih uređaja (EDDL) – 5. dio: Ugrađena biblioteka jezika za opis elektroničkih uređaja (EDDL) (IEC 61804-5:2015; EN 61804-5:2015)
Function blocks (FB) for process control and EDDL – Part 5: EDDL Built-in library (IEC 61804-5:2015; EN 61804-5:2015)
- zamijenjena s: HRN EN IEC 61804-5:2020

HRN EN IEC 62439-5:2018 en

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

HRI CLC/TR 62453-501:2011 en

Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 501. dio: Primjena komunikacije za zajednički model objekta – IEC 61784 CPF 1 (IEC/TR 62453-501:2009; CLC/TR 62453-501:2009)
Field device tool (FDT) interface specification – Part 501: Communication implementation for common object model – IEC 61784 CPF 1 (IEC/TR 62453-501:2009; CLC/TR 62453-501:2009)
- bez zamjene

HRI CLC/TR 62453-502:2011 en

Specifikacija sučelja alata za uređaje u postrojenju (FDT) – Dio 502: Provedba komunikacija za zajednički objektni model – IEC 61784 CPF 2 (IEC/TR 62453-502:2009; CLC/TR 62453-502:2009)
Field device tool (FDT) interface specification – Part 502: Communication implementation for common object model – IEC 61784 CPF 2 (IEC/TR 62453-502:2009; CLC/TR 62453-502:2009)
- bez zamjene

HRI CLC/TR 62453-503-1:2011 en

Specifikacija sučelja alata za uređaje u postrojenju (FDT) – Dio 503-1: Provedba komunikacija za zajednički objektni model – IEC 61784 CP 3/1 and CP 3/2 (IEC/TR 62453-503-1:2009; CLC/TR 62453-503-1:2009)
Field device tool (FDT) interface specification – Part 503-1: Communication implementation for common object model – IEC 61784 CP 3/1 and CP 3/2 (IEC/TR 62453-503-1:2009; CLC/TR 62453-503-1:2009)
- bez zamjene

HRI CLC/TR 62453-503-2:2011 en

Specifikacija sučelja alata za uređaje u postrojenju (FDT) – Dio 503-2: Provedba komunikacija za zajednički objektni model – IEC 61784 CP 3/4, CP 3/5 and CP 3/6 (IEC/TR 62453-503-2:2009; CLC/TR 62453-503-2:2009)
Field device tool (FDT) interface specification – Part 503-2: Communication implementation for common object model – IEC 61784 CP 3/4, CP 3/5 and CP 3/6 (IEC/TR 62453-503-2:2009; CLC/TR 62453-503-2:2009)
- bez zamjene

- HRI CLC/TR 62453-506:2011 en
 Specifikacija sučelja alata za uređaje u postrojenju (FDT)
 – Dio 506: Provedba komunikacija za zajednički objektni model – IEC 61784 CPF 6 (IEC/TR 62453-506:2009; CLC/TR 62453-506:2009)
 Field device tool (FDT) interface specification – Part 506: Communication implementation for common object model – IEC 61784 CPF 6 (IEC/TR 62453-506:2009; CLC/TR 62453-506:2009)
 - bez zamjene
- HRI CLC/TR 62453-509:2011 en
 Specifikacija sučelja alata za uređaje u postrojenju (FDT)
 – Dio 509: Provedba komunikacija za zajednički objektni model – IEC 61784 CPF 9 (IEC/TR 62453-509:2009; CLC/TR 62453-509:2009)
 Field device tool (FDT) interface specification – Part 509: Communication implementation for common object model – IEC 61784 CPF 9 (IEC/TR 62453-509:2009; CLC/TR 62453-509:2009)
 - bez zamjene
- HRI CLC/TR 62453-515:2011 en
 Specifikacija sučelja alata za uređaje u postrojenju (FDT)
 – Dio 515: Provedba komunikacija za zajednički objektni model – IEC 61784 CPF 15 (IEC/TR 62453-515:2009; CLC/TR 62453-515:2009)
 Field device tool (FDT) interface specification – Part 515: Communication implementation for common object model – IEC 61784 CPF 15 (IEC/TR 62453-515:2009; CLC/TR 62453-515:2009)
 - bez zamjene
- HRN EN 62541-7:2015 en
 OPC objedinjena arhitektura – 7. dio: Profili (IEC 62541-7:2015; EN 62541-7:2015)
 OPC unified architecture – Part 7: Profiles (IEC 62541-7:2015; EN 62541-7:2015)
 - zamijenjena s: HRN EN IEC 62541-7:2020
- HRN EN 62541-8:2015 en
 OPC objedinjena arhitektura – 8. dio: Pristup podacima (IEC 62541-8:2015; EN 62541-8:2015)
 OPC unified architecture – Part 8: Data Access (IEC 62541-8:2015; EN 62541-8:2015)
 - zamijenjena s: HRN EN IEC 62541-8:2020
- HRN EN 62541-9:2015 en
 OPC objedinjena arhitektura – 9. dio: Alarmi i stanja (IEC 62541-9:2015; EN 62541-9:2015)
 OPC unified architecture – Part 9: Alarms and conditions (IEC 62541-9:2015; EN 62541-9:2015)
 - zamijenjena s: HRN EN IEC 62541-9:2020
- HRN EN 62541-11:2015 en
 OPC objedinjena arhitektura – 11. dio: Pristup povijesnim podacima (IEC 62541-11:2015; EN 62541-11:2015)
 OPC unified architecture – Part 11: Historical Access (IEC 62541-11:2015; EN 62541-11:2015)
 - zamijenjena s: HRN EN IEC 62541-11:2020
- HRN EN 62541-13:2015 en
 OPC objedinjena arhitektura – 13. dio: Okupljanja (IEC 62541-13:2015; EN 62541-13:2015)
 OPC Unified Architecture – Part 13: Aggregates (IEC 62541-13:2015; EN 62541-13:2015)
 - zamijenjena s: HRN EN IEC 62541-13:2020
- HRS CLC/TS 62603-1:2016 en
 Sustavi za vođenje industrijskih procesa – Smjernice za ocjenjivanje sustava za vođenje procesa – 1. dio: Specifikacije (IEC/TS 62603-1:2014; CLC/TS 62603-1:2014)
 Industrial process control systems – Guidelines for evaluating process control systems – Part 1: Specifications (IEC/TS 62603-1:2014; CLC/TS 62603-1:2014)
 - bez zamjene
- HRI CLC/TR 62685:2012 en
 Industrijske komunikacijske mreže – Profili – Uputa za procjenu sigurnosnih uređaja koji upotrebljavaju komunikacijske profile za funkcijsku sigurnost (FSCPs) prema IEC 61784-3 (IEC/TR 62685:2010; CLC/TR 62685:2011)
 Industrial communication networks – Profiles – Assessment guideline for safety devices using IEC 61784-3 functional safety communication profiles (FSCPs) (IEC/TR 62685:2010; CLC/TR 62685:2011)
 - bez zamjene
- HRN EN 62769-103-1:2015 en
 Integracija uređaja u postrojenju (FDI) – Profili – Dio 103-1: PROFIBUS (IEC 62769-103-1:2015; EN 62769-103-1:2015)
 Field Device Integration (FDI) – Profiles – Part 103-1: PROFIBUS (IEC 62769-103-1:2015; EN 62769-103-1:2015)
 - zamijenjena s: HRN EN IEC 62769-103-1:2020
- HRN EN 62769-103-4:2015 en
 Integracija uređaja u postrojenju (FDI) – Profili – Dio 103-4: PROFIBUS (IEC 62769-103-4:2015; EN 62769-103-4:2015)
 Field Device Integration (FDI) – Profiles – Part 103-4: PROFIBUS (IEC 62769-103-4:2015; EN 62769-103-4:2015)
 - zamijenjena s: HRN EN IEC 62769-103-4:2020
- HRN EN 62769-109-1:2015 en
 Integracija uređaja u postrojenju (FDI) – Profili – Dio 109-1: HART® i WirelessHART® (IEC 62769-109-1:2015; EN 62769-109-1:2015)
 Field Device Integration (FDI) – Profiles – Part 109-1: HART® and WirelessHART® (IEC 62769-109-1:2015; EN 62769-109-1:2015)
 - zamijenjena s: HRN EN IEC 62769-109-1:2020
- HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu**
- HRN EN 60730-2-11:2008 en
 Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-11: Posebni zahtjevi za regulatore energije (IEC 60730-2-11:2006; EN 60730-2-11:2008)
 Automatic electrical controls for household and similar use – Part 2-11: Particular requirements for energy regulators (IEC 60730-2-11:2006; EN 60730-2-11:2008)
 - zamijenjena s: HRN EN IEC 60730-2-11:2020
- HRN EN 60730-2-2/A11:2007 en
 Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-2: Posebni zahtjevi za termičke protektore motora (EN 60730-2-2:2002/A11:2005)
 Automatic electrical controls for household and similar use – Part 2-2: Particular requirements for thermal motor protectors (EN 60730-2-2:2002/A11:2005)
 - bez zamjene
- HRN EN 60730-2-2:2007 en
 Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-2: Posebni zahtjevi za termičke protektore motora (IEC 60730-2-2:2001, MOD+am1:2005, MOD; EN 60730-2-2:2002+A1:2006)
 Automatic electrical controls for household and similar use – Part 2-2: Particular requirements for thermal motor protectors (IEC 60730-2-2:2001, MOD+am1:2005, MOD; EN 60730-2-2:2002+A1:2006)
 - bez zamjene
- HRN EN 60730-2-4:2008 en
 Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-4: Posebni zahtjevi za termičke protektore motora za motor-kompresore hermetičke i poluhermetičke vrste (IEC 60730-2-4:2006, MOD; EN 60730-2-4:2007)
 Automatic electrical controls for household and similar use – Part 2-4: Particular requirements for thermal motor protectors for motor-compressors of hermetic and semi-hermetic type (IEC 60730-2-4:2006, MOD; EN 60730-2-4:2007)
 - bez zamjene

HRN EN 60730-2-7:2011 en

Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-7: Posebni zahtjevi za programatore i vremenske sklopke (IEC 60730-2-7:2008, MOD; EN 60730-2-7:2010)
Automatic electrical controls for household and similar use – Part 2-7: Particular requirements for timers and time switches (IEC 60730-2-7:2008, MOD; EN 60730-2-7:2010)
- zamijenjena s: HRN EN IEC 60730-2-7:2020

HRN EN 60730-2-7:2011/Ispr.1:2012 en

Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-7: Posebni zahtjevi za programatore i vremenske sklopke (EN 60730-2-7:2010/AC:2011)
Automatic electrical controls for household and similar use – Part 2-7: Particular requirements for timers and time switches (EN 60730-2-7:2010/AC:2011)
- zamijenjena s: HRN EN IEC 60730-2-7:2020

HRN EN 60730-2-8:2004 en

Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-8: Posebni zahtjevi za električne ventile za vodu, uključujući mehaničke zahtjeve (IEC 60730-2-8:2000, preinačena+A1:2002, preinačena; EN 60730-2-8:2002+A1:2003)
Automatic electrical controls for household and similar use – Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements (IEC 60730-2-8:2000, modified+A1:2002, modified; EN 60730-2-8:2002+A1:2003)
- zamijenjena s: HRN EN 60730-2-8:2020

HZN/TO E79, Alarmni sustavi

HRN EN 50131-2-4:2008 en

Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-4: Zahtjevi za kombinirane pasivne infracrvene i mikrovalne detektore (EN 50131-2-4:2008)
Alarm systems – Intrusion and hold-up systems – Part 2-4: Requirements for combined passive infrared and microwave detectors (EN 50131-2-4:2008)
- zamijenjena s: HRN EN 50131-2-4:2020

HRN EN 50131-2-4:2008/IS1:2014 en

Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-4: Zahtjevi za kombinirane pasivne infracrvene i mikrovalne detektore (EN 50131-2-4:2008/IS1:2014)
Alarm systems – Intrusion and hold-up systems – Part 2-4: Requirements for combined passive infrared and microwave detectors (EN 50131-2-4:2008/IS1:2014)
- zamijenjena s: HRN EN 50131-2-4:2020

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

HRI CLC/TR 50083-2-2:2014 en

Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 2-2: Primjeri sučelja za prijam distribucijskog signala digitalne televizije (DVB-T) u prisutnosti signala LTE (Long Term Evolution) bazne stanice (CLC/TR 50083-2-2:2014)
Cable networks for television signals, sound signals and interactive services – Part 2-2: Interference issues for DVB-T reception in the presence of LTE base station signals (CLC/TR 50083-2-2:2014)
- bez zamjene

HRI CLC/TR 50083-5-1:2011 en

Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 5-1: IP pristupnici i sučelja za glavne stanice (CLC/TR 50083-5-1:2009)
Cable networks for television signals, sound signals and interactive services – Part 5-1: IP gateways and interfaces for headends (CLC/TR 50083-5-1:2009)
- bez zamjene

HRI CLC/TR 50083-10-1:2014 en

Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 10-1: Preporuke (Upute) za primjenu povratnih putova u kabelskim mrežama (CLC/TR 50083-10-1:2014)
Cable networks for television signals, sound signals and interactive services – Part 10-1: Guidelines for the implementation of return paths in cable networks (CLC/TR 50083-10-1:2014)
- bez zamjene

HRI CLC/TR 50460:2008 en

Cable networks for television signals, sound signals and interactive services – System guidelines for analogue optical transmission systems (CLC/TR 50460:2005)
- bez zamjene

HRN EN IEC 62680-1-2:2018 en

Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-2: Opći dijelovi – Specifikacija USB-a za isporuku energije (IEC 62680-1-2:2018; EN IEC 62680-1-2:2018)
Universal Serial Bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery Specification (IEC 62680-1-2:2018; EN IEC 62680-1-2:2018)
- zamijenjena s: HRN EN IEC 62680-1-2:2020

HRN EN 62680-2:2014 en

Sučelja univerzalne serijske sabirnice za podatke i napajanje – 2. dio: Univerzalna serijska sabirnica – Specifikacija kabela i konektora za mikro-USB, izmijenjeno izdanje 1.01 (IEC 62680-2:2013; EN 62680-2:2013)
Universal serial bus interfaces for data and power – Part 2: Universal serial bus – Micro-USB cables and connectors specification, revision 1.01 (IEC 62680-2:2013; EN 62680-2:2013)
- zamijenjena s: HRN EN 62680-2-2:2016

HRN EN 62680-4:2014 en

Sučelja univerzalne serijske sabirnice za podatke i napajanje – 4. dio: Dokument o razredu kabela i konektora univerzalne serijske sabirnice, izmijenjeno izdanje 2.0 (IEC 62680-4:2013; EN 62680-4:2014)
Universal Serial Bus interfaces for data and power – Part 4: Universal Serial Bus cables and connectors class document, revision 2.0 (IEC 62680-4:2013; EN 62680-4:2014)
- zamijenjena s: HRN EN 62680-2-3:2016

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN 60565:2008 en

Podvodna akustika – Hidrofoni – Umjeravanje u frekvencijskom području 0,01 Hz do 1 MHz (IEC 60565:2006; EN 60565:2007)
Underwater acoustics – Hydrophones – Calibration in the frequency range 0,01 Hz to 1 MHz (IEC 60565:2006; EN 60565:2007)
- zamijenjena s: HRN EN IEC 60565-1:2020,
HRN EN IEC 60565-2:2019

HRN EN 60601-2-66:2015 en

Medicinska električna oprema – Dio 2-66: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke slušnih instrumenata i sustava slušnih instrumenata (IEC 60601-2-66:2015; EN 60601-2-66:2015)
Medical electrical equipment – Part 2-66: Particular requirements for the basic safety and essential performance of hearing instruments and hearing instrument systems (IEC 60601-2-66:2015; EN 60601-2-66:2015)
- zamijenjena s: HRN EN IEC 60601-2-66:2020

HRN EN 61205:2002 en

Ultrazvuk – Sustavi za skidanje zubnog kamenca – Mjerenje i iskazivanje izlaznih značajki (IEC 61205:1993; EN 61205:1994)
Ultrasonics – Dental descaler systems – Measurement and declaration of the output characteristics (IEC 61205:1993; EN 61205:1994)
- bez zamjene

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

- HRN EN 927-5:2008 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 5: Assessment of the liquid water permeability (EN 927-5:2006)
- zamijenjena s: HRN EN 927-5:2023
- HRN EN ISO 3262-2:1999 en
Punila za boje – Specifikacije i metode ispitivanja – 2. dio: Barit (prirodni barijev sulfat) (ISO 3262-2:1998; EN ISO 3262-2:1998)
Extenders for paints – Specifications and methods of test – Part 2: Barytes (natural barium sulfate) (ISO 3262-2:1998; EN ISO 3262-2:1998)
- zamijenjena s: HRN EN ISO 3262-2:2023
- HRN EN ISO 3262-3:1999 en
Punila za boje – Specifikacije i metode ispitivanja – 3. dio: Bjelilo (barijev sulfat) (ISO 3262-3:1998; EN ISO 3262-3:1998)
Extenders for paints – Specifications and methods of test – Part 3: Blanc fixe (ISO 3262-3:1998; EN ISO 3262-3:1998)
- zamijenjena s: HRN EN ISO 3262-3:2023
- HRN EN ISO 3262-4:1999 en
Punila za boje – Specifikacije i metode ispitivanja – 4. dio: Bjelilo (kreda u prahu) (ISO 3262-4:1998; EN ISO 3262-4:1998)
Extenders for paints – Specifications and methods of test – Part 4: Whiting (ISO 3262-4:1998; EN ISO 3262-4:1998)
- zamijenjena s: HRN EN ISO 3262-4:2023
- HRN EN ISO 3262-5:1999 en
Punila za boje – Specifikacije i metode ispitivanja – 5. dio: Kristalinični kalcijev karbonat (ISO 3262-5:1998; EN ISO 3262-5:1998)
Extenders for paints – Specifications and methods of test – Part 5: Natural crystalline calcium carbonate (ISO 3262-5:1998; EN ISO 3262-5:1998)
- zamijenjena s: HRN EN ISO 3262-5:2023
- HRN EN ISO 3262-7:1999 en
Punila za boje – Specifikacije i metode ispitivanja – 7. dio: Dolomit (ISO 3262-7:1998; EN ISO 3262-7:1998)
Extenders for paints – Specifications and methods of test – Part 7: Dolomite (ISO 3262-7:1998; EN ISO 3262-7:1998)
- zamijenjena s: HRN EN ISO 3262-7:2023
- HRN EN ISO 3262-8:2002 en
Punila za boje – Specifikacije i metode ispitivanja – 8. dio: Prirodna glina (ISO 3262-8:1999; EN ISO 3262-8:1999)
Extenders for paints – Specifications and methods of test – Part 8: Natural clay (ISO 3262-8:1999; EN ISO 3262-8:1999)
- zamijenjena s: HRN EN ISO 3262-8:2023
- HRN EN ISO 3262-9:1999 en
Punila za boje – Specifikacije i metode ispitivanja – 9. dio: Kalcinirana glina (ISO 3262-9:1997; EN ISO 3262-9:1998)
Extenders for paints – Specifications and methods of test – Part 9: Calcined clay (ISO 3262-9:1997; EN ISO 3262-9:1998)
- zamijenjena s: HRN EN ISO 3262-9:2023
- HRN EN ISO 3262-12:2002 en
Punila za boje – Specifikacije i metode ispitivanja – 12. dio: Tinjci muskovitnog tipa (ISO 3262-12:2001; EN ISO 3262-12:2001)
Extenders for paints – Specifications and methods of test – Part 12: Muscovite-type mica (ISO 3262-12:2001; EN ISO 3262-12:2001)
- zamijenjena s: HRN EN ISO 3262-12:2023
- HRN EN ISO 3262-13:1999 en
Punila za boje – Specifikacije i metode ispitivanja – 13. dio: Prirodni kremen (ISO 3262-13:1997; EN ISO 3262-13:1998)
Extenders for paints – Specifications and methods of test – Part 13: Natural quartz (ground) (ISO 3262-13:1997; EN ISO 3262-13:1998)
- zamijenjena s: HRN EN ISO 3262-13:2023
- HRN EN ISO 3262-14:2002 en
Punila za boje – Specifikacije i metode ispitivanja – 14. dio: Kristobalit (ISO 3262-14:2000; EN ISO 3262-14:2000)
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- zamijenjena s: HRN EN ISO 3262-14:2023
- HRN EN ISO 3262-15:2002 en
Punila za boje – Specifikacije i metode ispitivanja – 15. dio: Staklasti silicij (ISO 3262-15:2000; EN ISO 3262-15:2000)
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- zamijenjena s: HRN EN ISO 3262-15:2023
- HRN EN ISO 3262-16:2002 en
Punila za boje – Specifikacije i metode ispitivanja – 16. dio: Aluminijev hidroksid (ISO 3262-16:2000; EN ISO 3262-16:2000)
Extenders for paints – Specifications and methods of test – Part 16: Aluminium hydroxides (ISO 3262-16:2000; EN ISO 3262-16:2000)
- zamijenjena s: HRN EN ISO 3262-16:2023
- HRN EN ISO 3262-18:2002 en
Punila za boje – Specifikacije i metode ispitivanja – 18. dio: Istaženi natrijev aluminijev silikat (ISO 3262-18:2000; EN ISO 3262-18:2000)
Extenders for paints – Specifications and methods of test – Part 18: Precipitated sodium aluminium silicate (ISO 3262-18:2000; EN ISO 3262-18:2000)
- zamijenjena s: HRN EN ISO 3262-18:2023
- HRN EN ISO 3262-21:2002 en
Punila za boje – Specifikacije i metode ispitivanja – 21. dio: Silikatni pijesak (prirodni pijesak koji ne potječe iz tla) (ISO 3262-21:2000; EN ISO 3262-21:2000)
Extenders for paints – Specifications and methods of test – Part 21: Silica sand (unground natural quartz) (ISO 3262-21:2000; EN ISO 3262-21:2000)
- zamijenjena s: HRN EN ISO 3262-21:2023
- HRN EN ISO 3262-22:2002 en
Punila za boje – Specifikacije i metode ispitivanja – 22. dio: Kalcinirana dijatomejska zemlja (ISO 3262-22:2001; EN ISO 3262-22:2001)
Extenders for paints – Specifications and methods of test – Part 22: Flux-calcined kieselguhr (ISO 3262-22:2001; EN ISO 3262-22:2001)
- zamijenjena s: HRN EN ISO 3262-22:2023
- HRN EN ISO 4624:2016 en
Boje i lakovi – Ispitivanje prionljivosti vlačnom metodom (ISO 4624:2016; EN ISO 4624:2016)
Paints and varnishes – Pull-off test for adhesion (ISO 4624:2016; EN ISO 4624:2016)
- zamijenjena s: HRN EN ISO 4624:2023
- HRN EN 14470-1:2008 en
Protupožarni spremnici – 1. dio: Sigurnosni spremnici za zapaljive tekućine (EN 14470-1:2004)
Fire safety storage cabinets – Part 1: Safety storage cabinets for flammable liquids (EN 14470-1:2004)
- zamijenjena s: HRN EN 14470-1:2023
- HRN EN ISO 20567-2:2017 en
Boje i lakovi – Određivanje otpornosti premaza na udare kamenim krhotinama – 2. dio: Ispitivanje jednim udarcem s vođenim udarnim tijelom (ISO 20567-2:2017; EN ISO 20567-2:2017)
Paints and varnishes – Determination of stone-chip resistance of coatings – Part 2: Single-impact test with a guided impact body (ISO 20567-2:2017; EN ISO 20567-2:2017)
- zamijenjena s: HRN EN ISO 20567-2:2023

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- HRS CEN ISO/TS 80004-1:2017 en
Nanotehnologije – Terminološki rječnik – 1. dio: Temeljni pojmovi (ISO/TS 80004-1:2015; CEN ISO/TS 80004-1:2015)
Nanotechnologies – Vocabulary – Part 1: Core terms (ISO/TS 80004-1:2015; CEN ISO/TS 80004-1:2015)
- zamijenjena s: HRN EN ISO 80004-1:2023

HRS CEN ISO/TS 80004-2:2017 en
Nanotehnologije – Terminološki rječnik – 2. dio: Nanoobjekti (ISO/TS 80004-2:2015; CEN ISO/TS 80004-2:2017)
Nanotechnologies – Vocabulary – Part 2: Nano-objects (ISO/TS 80004-2:2015; CEN ISO/TS 80004-2:2017)
- zamijenjena s: HRN EN ISO 80004-1:2023

HRS CEN ISO/TS 80004-4:2017 en
Nanotehnologije – Terminološki rječnik – 4. dio: Materijali nanostrukture (ISO/TS 80004-4:2011; CEN ISO/TS 80004-4:2014)
Nanotechnologies – Vocabulary – Part 4: Nanostructured materials (ISO/TS 80004-4:2011; CEN ISO/TS 80004-4:2014)
- zamijenjena s: HRN EN ISO 80004-1:2023

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

HRN EN ISO 20749:2018 en
Stomatologija – Zubni amalgam u kapsulama (ISO 20749:2017; EN ISO 20749:2018)
Dentistry – Pre-capsulated dental amalgam (ISO 20749:2017; EN ISO 20749:2018)
- zamijenjena s: HRN EN ISO 20749:2023

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

HRN EN 1915-1:2013 en
Oprema za zemaljsku podršku zrakoplovu – Opći zahtjevi – 1. dio: Osnovni sigurnosni zahtjevi (EN 1915-1:2013)
Aircraft ground support equipment – General requirements – Part 1: Basic safety requirements (EN 1915-1:2013)
- zamijenjena s: HRN EN 1915-1:2023

HRN EN 3637:2008 en
Nizovi o zrakoplovstvu – Matice, samozatvarajuće, dvanaesterokutne (dvostruko skraćene), legura na bazi nikla otporna na toplinu – NI-P101HT (Waspaloy), prevučene srebrom, Klasifikacija: 1210 MPa/730 °C (EN 3637:2008)
Aerospace series – Nuts, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy – NI-P101HT (Waspaloy), silver plated, Classification: 1210 MPa/730 °C (EN 3637:2008)
- zamijenjena s: HRN EN 3637:2023

HRN EN ISO 3691-4:2020 en
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 4. dio: Industrijska vozila bez vozača i njihovi sustavi (ISO 3691-4:2020; EN ISO 3691-4:2020)
Industrial trucks – Safety requirements and verification – Part 4: Driverless industrial trucks and their systems (ISO 3691-4:2020; EN ISO 3691-4:2020)
- zamijenjena s: HRN EN ISO 3691-4:2023

HRN EN 4165-002:2015 en
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 002: Specifikacije značajki i položaj kontakta (EN 4165-002:2015)
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 002: Specification of performance and contact arrangements (EN 4165-002:2015)
- zamijenjena s: HRN EN 4165-002:2023

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Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 002: Specifikacije značajki i položaj kontakta (EN 4165-002:2015/AC:2016)
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 002: Specification of performance and contact arrangements (EN 4165-002:2015/AC:2016)
- zamijenjena s: HRN EN 4165-002:2023

HZN/TU V1, Elektronika 1

HRN EN 50090-5-1:2008 en
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 5-1: Mediji i slojevi ovisni o medijima – Prijenos signala u niskonaponskim električnim mrežama za HBES razreda 1 (EN 50090-5-1:2005)
Home and Building Electronic Systems (HBES) – Part 5-1: Media and media dependent layers – Power line for HBES Class 1 (EN 50090-5-1:2005)
- zamijenjena s: HRN EN 50090-5-1:2020

HRN EN 50090-5-2:2008 en
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 5-2: Mediji i slojevi ovisni o medijima – Mreža temeljena na HBES razreda 1, upletena parica (EN 50090-5-2:2004)
Home and Building Electronic Systems (HBES) – Part 5-2: Media and media dependent layers – Network based on HBES Class 1, Twisted Pair (EN 50090-5-2:2004)
- zamijenjena s: HRN EN 50090-5-2:2020

HRN EN 50407-3:2014 en
Kabeli s više parica u telekomunikacijskim mrežama s velikom brzinom prijenosa – 3. dio: Unutarnji kabeli s više parica/usponski kabeli do 100 MHz za maksimalne duljine spajanja 100 m koji podržavaju univerzalne usluge, xDSL i primjene do 100 Mbit/s preko IP-a (EN 50407-3:2014)
Multi-pair cables used in high bit rate digital access telecommunications networks – Part 3: Indoor multi-pair/quad riser cables up to 100 MHz for maximum length of connection 100 m supporting universal services, xDSL and applications up to 100 Mbit/s over IP (EN 50407-3:2014)
- bez zamjene

HRN EN 50411-3-6:2014 en
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-6: Multimode mechanical fibre splice for use in an outdoor protected environment (Cat U) (EN 50411-3-6:2013)
- zamijenjena s: HRN EN 50411-3-6:2022

HRN EN 50411-6-1:2012 en
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 6-1: Unprotected microduct for category S and A (EN 50411-6-1:2011)
- zamijenjena s: HRN EN 50411-6-1:2022

HRN EN 50491-4-1:2012 en
Opći zahtjevi za elektroničke sustave u stanovima i zgradama (ESSZ) i sustave automatizacije i nadzora u zgradama – Dio 4-1: Opći zahtjevi funkcionalne sigurnosti za proizvode namijenjene uklapanju u elektroničke sustave u zgradama i sustave automatizacije i nadzora u zgradama (EN 50491-4-1:2012)
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 4-1: General functional safety requirements for products intended to be integrated in Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) (EN 50491-4-1:2012)
- bez zamjene

HRN EN 50551-2:2014 en
Simplex and duplex cables to be used for cords – Part 2: Detailed specification and minimum requirements for a 3,0 mm simplex ruggedised single mode fibre cable to be used for patchcords/cords category U (EN 50551-2:2013)
- zamijenjena s: HRN EN 60794-2-50:2020

HRN EN 60352-3:2008 en
Solderless connections – Part 3: Solderless accessible insulation displacement connections – General requirements, test methods and practical guidance (IEC 60352-3:1993; EN 60352-3:1994)
- zamijenjena s: HRN EN IEC 60352-3:2020

HRN EN 60352-4:2008 en
Solderless connections – Part 4: Solderless non-accessible insulation displacement connections – General requirements, test methods and practical guidance (IEC 60352-4:1994+am1:2000; EN 60352-4:1994+A1:2000)
- zamijenjena s: HRN EN 60352-4:2020

HRN EN 60401-1:2008 en
Terms and nomenclature for cores made of magnetically soft ferrites – Part 1: Terms used for physical irregularities (IEC 60401-1:2002; EN 60401-1:2005)
- zamijenjena s: HRN EN IEC 60401-1:2020

HRN EN 60401-2:2011 en
Terms and nomenclature for cores made of magnetically soft ferrites – Part 2: Reference of dimensions (IEC 60401-2:2009; EN 60401-2:2010)
- zamijenjena s: HRN EN IEC 60401-1:2020

- HRN EN 60424-1:2016 en
 Ferritne jezgre – Smjernice za granice površinskih nepravilnosti – 1. dio: Opća specifikacija (IEC 60424-1:2015; EN 60424-1:2016)
 Ferrite cores – Guidelines on the limits of surface irregularities – Part 1: General Specification (IEC 60424-1:2015; EN 60424-1:2016)
 - zamijenjena s: HRN EN IEC 63093-1:2020
- HRN EN 60424-5:2010 en
 Ferrite cores – Guide on the limits of surface irregularities – Part 5: Planar-cores (IEC 60424-5:2009; EN 60424-5:2009)
 - zamijenjena s: HRN EN IEC 63093-9:2020
- HRN EN 60512-9-5:2011 en
 Connectors for electronic equipment – Tests and measurements – Part 9-5: Endurance tests – Test 9e: Current loading, cyclic (IEC 60512-9-5:2010; EN 60512-9-5:2010)
 - zamijenjena s: HRN EN IEC 60512-9-5:2020
- HRN EN 60794-2-50:2008 en
 Svjetlovodni kabele – Dio 2-50: Kabele u vanjsku primjenu – Skupna specifikacija za jednosmjerne i dvosmjerne kabele za uporabu u završnim sklopovima kabela (IEC 60794-2-50:2008; EN 60794-2-50:2008)
 Optical fibre cables – Part 2-50: Indoor cables – Family specification for simplex and duplex cables for use in terminated cable assemblies (IEC 60794-2-50:2008; EN 60794-2-50:2008)
 - zamijenjena s: HRN EN 60794-2-50:2020
- HRN EN 60794-2-51:2014 en
 Svjetlovodni kabele – Dio 2-51: Kabele za unutarnju primjenu – Detaljna specifikacija za jednosmjerne i dvosmjerne kabele za upotrebu u kablama u kontroliranom okruženju (IEC 60794-2-51:2014; EN 60794-2-51:2014)
 Optical fibre cables – Part 2-51: Indoor cables – Detail specification for simplex and duplex cables for use in cords for controlled environment (IEC 60794-2-51:2014; EN 60794-2-51:2014)
 - bez zamjene
- HRN EN 60794-3-50:2009 en
 Optical fibre cables – Part 3-50: Outdoor cables – Family specification for gas pipe cables and subducts for installation by blowing and/or pulling/dragging in gas pipes (IEC 60794-3-50:2008; EN 60794-3-50:2008)
 - bez zamjene
- HRN EN 60794-3-60:2009 en
 Optical fibre cables – Part 3-60: Outdoor cables – Family specification for drinking water pipe cables and subducts for installation by blowing and/or pulling/dragging/ floating in drinking water pipes (IEC 60794-3-60:2008; EN 60794-3-60:2008)
 - bez zamjene
- HRN EN 61010-2-010:2015 en
 Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-010: Posebni zahtjevi za laboratorijsku opremu za grijanje stvari (IEC 61010-2-010:2014; EN 61010-2-010:2014)
 Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-010: Particular requirements for laboratory equipment for the heating of materials (IEC 61010-2-010:2014; EN 61010-2-010:2014)
 - zamijenjena s: HRN EN IEC 61010-2-010:2020
- HRN EN 61010-2-081:2015 en
 Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-081: Posebni zahtjevi za automatsku i poluautomatsku laboratorijsku opremu za analize i druge namjene (IEC 61010-2-081:2015; EN 61010-2-081:2015)
 Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes (IEC 61010-2-081:2015; EN 61010-2-081:2015)
 - zamijenjena s: HRN EN IEC 61010-2-081:2020
- HRN EN 61300-1:2016 en
 Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – 1. dio: Općenito i upute (IEC 61300-1:2016; EN 61300-1:2016)
 Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance (IEC 61300-1:2016; EN 61300-1:2016)
 - zamijenjena s: HRN EN IEC 61300-1:2022
- HRN EN 61300-3-24:2009 en
 Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-24: Examinations and measurements – Keying accuracy of optical connectors for polarization maintaining fibre (IEC 61300-3-24:2006; EN 61300-3-24:2007)
 - zamijenjena s: HRN EN IEC 61300-3-55:2020
- HRN EN 61300-3-33:2014 en
 Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-33: Examinations and measurements – Withdrawal force from a resilient alignment sleeve using gauge pins (IEC 61300-3-33:2012; EN 61300-3-33:2012)
 - zamijenjena s: HRN EN IEC 61300-3-33:2022
- HRN EN 61300-3-40:2008 en
 Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-40: Examinations and measurements – Extinction ratio of a polarization maintaining (pm) fibre pigtailed connector (IEC 61300-3-40:1998; EN 61300-3-40:1998)
 - zamijenjena s: HRN EN IEC 61300-3-55:2020
- HRN EN 61523-1:2008 en
 Delay and power calculation standards – Part 1: Integrated circuit delay and power calculation systems (IEC 61523-1:2001; EN 61523-1:2002)
 - bez zamjene
- HRN EN 61631:2008 en
 Test method for the mechanical strength of cores made of magnetic oxides (IEC 61631:2001; EN 61631:2001)
 - zamijenjena s: HRN EN IEC 61631:2020
- HRN EN 61691-2:2008 en
 Behavioural languages – Part 2: VHDL multilogic system for model interoperability (IEC 61691-2:2001; EN 61691-2:2001)
 - bez zamjene
- HRN EN 61691-3-3:2008 en
 Behavioural languages – Part 3-3: Synthesis in VHDL (IEC 61691-3-3:2001; EN 61691-3-3:2001)
 - bez zamjene
- HRN EN 61701:2012 en
 Ispitivanje korozije fotonaponskih (PV) modula slanom maglom (IEC 61701:2011; EN 61701:2012)
 Salt mist corrosion testing of photovoltaic (PV) modules (IEC 61701:2011; EN 61701:2012)
 - zamijenjena s: HRN EN IEC 61701:2020
- HRN EN 61753-061-2:2014 en
 Fibre optic interconnecting devices and passive components – Performance standard – Part 061-2: Non-connectorised single-mode fibre optic pigtailed isolators for category C – Controlled environment (IEC 61753-061-2:2012; EN 61753-061-2:2012)
 - zamijenjena s: HRN EN IEC 61753-061-2:2020
- HRN EN 61753-091-2:2014 en
 Fibre optic interconnecting devices and passive components – Performance standard – Part 091-2: Non-connectorised single-mode fibre optic pigtailed circulators for category C – Controlled environment (IEC 61753-091-2:2012; EN 61753-091-2:2013)
 - zamijenjena s: HRN EN IEC 61753-091-02:2022

- HRN EN 61754-4:2014 en
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Sučelja svjetlovodnih konektora – 4. dio: Obitelj konektora tipa SC (IEC 61754-4:2013+Corr.1:2014; EN 61754-4:2013+AC:2014)
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 4: Type SC connector family (IEC 61754-4:2013+Corr.1:2014; EN 61754-4:2013+AC:2014)
- zamijenjena s: HRN EN IEC 61754-4:2022
- HRN EN 61754-6:2014 en
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Sučelja svjetlovodnih konektora – 6. dio: Obitelj konektora tipa MU (IEC 61754-6:2013; EN 61754-6:2013)
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 6: Type MU connector family (IEC 61754-6:2013; EN 61754-6:2013)
- zamijenjena s: HRN EN IEC 61754-6:2022
- HRN EN 61757-1-1:2017 en
Svjetlovodni senzori – Dio 1-1: Mjerenje naprezanja – Senzori naprezanja na temelju Bragg-ove rešetke u optičkom vlaknu (IEC 61757-1-1:2016; EN 61757-1-1:2017)
Fibre optic sensors – Part 2-1: Strain measurement – Strain sensors based on fibre Bragg gratings (IEC 61757-1-1:2016; EN 61757-1-1:2017)
- zamijenjena s: HRN EN IEC 61757-1-1:2020
- HRN EN 61969-1:2012 en
Mechanical structures for electronic equipment – Outdoor enclosures – Part 1: Design guidelines (IEC 61969-1:2011; EN 61969-1:2012)
- zamijenjena s: HRN EN IEC 61969-1:2020
- HRN EN 61969-3:2012 en
Mechanical structures for electronic equipment – Outdoor enclosures – Part 3: Environmental requirements, tests and safety aspects (IEC 61969-3:2011; EN 61969-3:2012)
- zamijenjena s: HRN EN IEC 61969-3:2020
- HRN EN 61977:2015 en
Fibre optic interconnecting devices and passive components – Fibre optic filters – Generic specification (IEC 61977:2015; EN 61977:2015)
- zamijenjena s: HRN EN IEC 61977:2020
- HRN EN 62024-2:2009 en
Indukcijske komponente visoke frekvencije – Električne karakteristike i metode mjerenja – 2. dio: Nazivna struja induktora za istosmjerni pretvarač DC/DC (IEC 62024-2:2008; EN 62024-2:2009)
High frequency inductive components – Electrical characteristics and measuring methods – Part 2: Rated current of inductors for DC to DC converters (IEC 62024-2:2008; EN 62024-2:2009)
- zamijenjena s: HRN EN IEC 62024-2:2020
- HRN EN 62148-6:2008 en
Aktivne svjetlovodne komponente i uređaji – Norme za kućišta i sučelja – 6. dio: ATM-PON primopredajnici (IEC 62148-6:2003; EN 62148-6:2003)
Fibre optic active components and devices – Package and interface standards – Part 6: ATM-PON transceivers (IEC 62148-6:2003; EN 62148-6:2003)
- zamijenjena s: HRN EN IEC 62148-6:2020
- HRN EN 62317-1:2008 en
Feritne jezgre – Dimenzije – 1. dio: Opća specifikacija (IEC 62317-1:2007; EN 62317-1:2007)
Ferrite cores – Dimensions – Part 1: General specification (IEC 62317-1:2007; EN 62317-1:2007)
- zamijenjena s: HRN EN IEC 63093-1:2020
- HRN EN 62317-2:2011 en
Ferrite cores – Dimensions – Part 2: Pot-cores for use in telecommunications, power supply, and filter applications (IEC 62317-2:2010; EN 62317-2:2010)
- zamijenjena s: HRN EN IEC 63093-2:2020
- HRN EN 62317-2:2011/Ispr.1:2014 en
Ferrite cores – Dimensions – Part 2: Pot-cores for use in telecommunications, power supply, and filter applications (EN 62317-2:2010/AC:2010)
- zamijenjena s: HRN EN IEC 63093-2:2020
- HRN EN 62317-9:2008 en
Ferrite cores – Dimensions – Part 9: Planar cores (IEC 62317-9:2006+am1:2007; EN 62317-9:2006+A1:2007)
- zamijenjena s: HRN EN IEC 63093-9:2020
- HRN EN 62323:2008 en
Dimensions of half pot-cores made of ferrite for inductive proximity switches (IEC 62323:2005; EN 62323:2005)
- zamijenjena s: HRN EN IEC 63093-3:2020
- HRN EN 62343-3-3:2014 en
Dynamic modules – Part 3-3: Performance specification templates – Wavelength selective switches (IEC 62343-3-3:2014; EN 62343-3-3:2014)
- zamijenjena s: HRN EN IEC 62343-3-3:2020
- HRN EN 62614:2011 en
Fibre optics – Launch condition requirements for measuring multimode attenuation (IEC 62614:2010; EN 62614:2010)
- zamijenjena s: HRN EN IEC 62614-1:2020

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/ TU U1, *Opća elektrotehnika*

- **umjesto**

HRN EN 60721-3-9:2008

Razredba uvjeta okoliša – 3. dio: Razredba skupina parametara okoliša i njihovog intenziteta – 9. odjeljak: **Mikroklimama** unutar proizvoda (IEC 60721-3-9:1993+am1:1994; EN 60721-3-9:1993+A1:1995)

Classification of environmental conditions – Part 3: Classification of groups of environmental parameters and their severities – Section 9: Microclimates inside products (IEC 60721-3-9:1993+am1:1994; EN 60721-3-9:1993+A1:1995)

- **treba biti**

HRN EN 60721-3-9:2008

Razredba uvjeta okoliša – 3. dio: Razredba skupina parametara okoliša i njihovog intenziteta – 9. odjeljak: **Mikroklima** unutar proizvoda (IEC 60721-3-9:1993+am1:1994; EN 60721-3-9:1993+A1:1995)

Classification of environmental conditions – Part 3: Classification of groups of environmental parameters and their severities – Section 9: Microclimates inside products (IEC 60721-3-9:1993+am1:1994; EN 60721-3-9:1993+A1:1995)

1.10 Prijevodi hrvatskih normativnih dokumenata

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

HZN/TO 28, *Naftni proizvodi i maziva*

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN 590:2022 hr-en pr-pp

Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja (EN 590:2022)

Automotive fuels – Diesel – Requirements and test methods (EN 590:2022)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 197-6	Cement – Part 6: Cement with recycled building materials	91.100.10	2023-06
EN 927-5	Paints and varnishes – Coating materials and coating systems for exterior wood – Part 5: Assessment of the liquid water permeability	87.040	2023-06
EN 1396	Aluminium and aluminium alloys – Coil coated sheet and strip for general applications – Specifications	77.150.10	2023-06
EN 1466	Child care articles – Carry cots and stands for domestic use – Safety requirements and test methods	97.190	2023-06
EN 1860-2	Appliances, solid fuels and firelighters for barbecuing – Part 2: Barbecue charcoal and barbecue charcoal briquettes – Requirements and test methods	75.160.10	2023-06
EN 1860-3	Appliances, solid fuels and firelighters for barbecuing – Part 3: Firelighters for igniting solid fuels for use in barbecues and grill applications – Requirements and test methods	75.160.10	2023-06
EN 1860-4	Appliances, solid fuels and firelighters for barbecuing – Part 4: Single use barbecues burning solid fuels – Requirements and test methods	75.160.10; 97.040.20	2023-06
EN 10244-2	Steel wire and wire products – Non-ferrous metallic coatings on steel wire – Part 2: Zinc or zinc alloy coatings	25.220.40; 77.140.65	2023-06
CEN/TR 10377	Guidelines for the preparation of standard routine methods with wavelength-dispersive X-ray fluorescence spectrometry	77.040.30	2023-06
EN 12309-1	Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW – Part 1: Terms and definitions	01.040.27; 01.040.91; 27.080; 91.140.30	2023-06
EN 12354-5	Building acoustics – Estimation of acoustic performance of buildings from the performance of elements – Part 5: Sounds levels due to the service equipment	91.120.20	2023-06
EN 12449	Copper and copper alloys – Seamless, round tubes for general purposes	23.040.15; 77.120.30	2023-06
EN 12946	Liming materials – Determination of the calcium content and magnesium content – Complexometric method	65.080	2023-06
CEN/TS 14632	Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure – Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) – Guidance for the assessment of conformity	23.040.05; 91.140.60; 91.140.80; 93.030	2023-06
EN 14664	Chemicals used for treatment of water intended for human consumption – Iron (III) sulfate, solid	71.100.80	2023-06
EN 14870-1	Petroleum and natural gas industries – Induction bends, fittings and flanges for pipeline transportation systems – Part 1: Induction bends (ISO 15590-1:2018, modified)	75.200	2023-06
EN 14870-4	Petroleum and natural gas industries – Induction bends, fittings and flanges for pipeline transportation systems – Part 4: Factory cold bends (ISO 15590-4:2019, modified)	75.200	2023-06
EN 15016-4	Railway applications – Technical documents – Part 4: Data exchange	01.100.01; 35.240.60; 45.020	2023-06
EN 15085-1	Railway applications – Welding of railway vehicles and components – Part 1: General	25.160.10; 45.060.01	2023-06
EN 15654-1+A1	Railway applications – Measurement of vertical forces on wheels and wheelsets – Part 1: On-track measurement sites for vehicles in service	45.060.01	2023-06
EN 15691	Ethanol as a blending component for petrol – Determination of dry residue (involatile material) – Gravimetric method	75.160.20	2023-06
EN 16194	Mobile non-sewer-connected toilet cabins – Requirements of services and products relating to the deployment of cabins and sanitary products	03.080.30; 91.040.99	2023-06
EN 16440-2	Testing methodologies for refrigerating devices for insulated means of transport – Part 2: Eutectic cooling devices	27.200	2023-06
EN 16602-60	Space product assurance – Electrical, electronic and electromechanical (EEE) components	49.140	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16602-60-13	Space product assurance – Commercial electrical, electronic and electromechanical (EEE) components	49.140	2023-06
EN 16602-70-40	Space product assurance – Processing and quality assurance requirements for hard brazing of metallic materials for flight hardware	25.160.50; 49.140	2023-06
EN 16863	Thermal insulation products for buildings – Factory made reflective insulation (RI) products – Specification	91.100.60	2023-06
EN 17558	Ergonomics – Ergonomics of PPE ensembles	13.180; 13.340.01	2023-06
CEN/TS 17697	Animal feeding stuffs – Methods of sampling and analysis – PFGE typing of Lactobacilli, Pediococci, Enterococci and Bacilli in animal feeds	65.120	2023-06
EN 17820	Conservation of Cultural Heritage – Specifications for the management of moveable cultural heritage collections	97.195	2023-06
EN 17832	Thermal spraying – Determination of the feed rate with spray material in powder form in a production environment	25.220.20	2023-06
EN 17867	Petrol fuel for small internal combustion engines – Requirements and test methods	75.160.20	2023-06
EN 17870	Intelligent transport systems – eSafety – eCall additional data concept for equipment limitations	03.220.20; 13.200; 35.240.60	2023-06
CWA 17933	Digital health innovations – Good practice guide for obtaining consent for the use of personal health information for research and innovations	35.240.80	2023-06
CEN/TR 17965	Construction products: Assessment of release of dangerous substances – Guidance for a broader application of the CEN/TC 351 reference room	13.040.20; 91.100.01	2023-06
CWA 17995	Digital Sovereignty – European perspectives, general approach, and implications on standardisation	01.040.35; 35.240.01	2023-06
CWA 18002	Best practices for hybridization and injection moulding of rigid control units on in-mould flexible devices	31.180; 83.200	2023-06
CWA 18006	eXtended Reality for Learning and Performance Augmentation – Methodology, techniques, and data formats	35.240.90	2023-06
EN 50110-1	Operation of electrical installations – Part 1: General requirements	29.240.01	2023-06
EN 50110-2	Operation of electrical installations – Part 2: National annexes	29.240.01	2023-06
EN IEC 55036/A1	Electric and hybrid electric road vehicles – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers below 30 MHz (CISPR 36:2020/AMD1:2023)	33.100.10; 33.100.20; 43.120	2023-06
EN IEC 60071-2	Insulation co-ordination – Part 2: Application guidelines (IEC 60071-2:2023)	29.080.01; 29.080.30	2023-06
EN IEC 60076-19-1	Power transformers – Part 19-1: Rules for the determination of uncertainties in the measurement of the losses of power transformers (IEC 60076-19-1:2023)	29.180	2023-06
EN IEC 60309-1/AC	Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes – Part 1: General requirements (IEC 60309-1:2021/COR1:2023)	29.120.30	2023-06
EN 60335-2-31/A1	Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (IEC 60335-2-31:2012/A1:2016)	13.120; 97.040.20	2023-06
EN 60335-2-31/A2	Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (IEC 60335-2-31:2012/A2:2018)	13.120; 97.040.20	2023-06
EN 60335-2-31/A11	Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors	13.120; 97.040.20	2023-06
EN 60335-2-52/A2	Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for appliances for oral hygiene appliances (IEC 60335-2-52:2002/A2:2017)	13.120; 97.170	2023-06
EN 60335-2-52/A13	Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for appliances for oral hygiene appliances	13.120; 97.170	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN 60335-2-53/A2	Household and similar electrical appliances – Safety – Part 2-53: Particular requirements for sauna heating appliances and infrared cabins (IEC 60335-2-53:2011/A2:2021)	97.100.10	2023-06
EN 60335-2-53/A11	Household and similar electrical appliances – Safety – Part 2-53: Particular requirements for sauna heating appliances and infrared cabins	97.100.10	2023-06
EN IEC 60534-1	Industrial-process control valves – Part 1: Control valve terminology and general considerations (IEC 60534-1:2023)	01.040.23; 23.060.40	2023-06
EN IEC 60728-11	Cable networks for television signals, sound signals and interactive services – Part 11: Safety (IEC 60728-11:2023)	33.060.40	2023-06
EN 60838-2-3/A1	Miscellaneous lampholders – Part 2-3: Particular requirements – Lampholders for double-capped linear LED lamps (IEC 60838-2-3:2016/AMD1:2023)	29.140.10	2023-06
EN IEC 61076-2-115	Connectors for electrical and electronic equipment – Product requirements – Part 2-115: Circular connectors – Detail specification for 12-pole shielded connectors with 2 A rated current and IP65/IP67 metal housing with push-pull locking (IEC 61076-2-115:2023)	31.220.10	2023-06
EN IEC 61249-2-51	Materials for printed boards and other interconnecting structures – Part 2-51: Reinforced base materials, clad and unclad – Base materials for integrated circuit card carrier tape, unclad (IEC 61249-2-51:2023)	31.180	2023-06
EN IEC 61300-3-4	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-4: Examinations and measurements – Attenuation (IEC 61300-3-4:2023)	33.180.20	2023-06
EN IEC 61543	Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility (IEC 61543:2022)	29.020; 29.120.50; 33.100.01; 33.100.10	2023-06
EN IEC 61543/A11	Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility	29.020; 29.120.50; 33.100.01; 33.100.10	2023-06
EN 61770/A12/AC	Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets	97.040.40; 97.060	2023-06
EN IEC 61784-2-11	Industrial networks – Profiles – Part 2-11: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 11 (IEC 61784-2-11:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-12	Industrial networks – Profiles – Part 2-12: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 12 (IEC 61784-2-12:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-13	Industrial networks – Profiles – Part 2-13: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 13 (IEC 61784-2-13:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-14	Industrial networks – Profiles – Part 2-14: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 14 (IEC 61784-2-14:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-15	Industrial networks – Profiles – Part 2-15: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 15 (IEC 61784-2-15:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-16	Industrial networks – Profiles – Part 2-16: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 16 (IEC 61784-2-16:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-17	Industrial networks – Profiles – Part 2-17: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 17 (IEC 61784-2-17:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-18	Industrial networks – Profiles – Part 2-18: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 18 (IEC 61784-2-18:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-20	Industrial networks – Profiles – Part 2-20: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 20 (IEC 61784-2-20:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-21	Industrial networks – Profiles – Part 2-21: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 21 (IEC 61784-2-21:2023)	35.100.20; 35.160; 35.240.50	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61820-3-4	Electrical installations for lighting and beaconing of aerodromes – Part 3-4: Safety secondary circuits in series circuits – General safety requirements (IEC 61820-3-4:2023)	29.140.50; 91.140.50; 91.160.20; 93.120	2023-06
EN IEC 61967-8	Integrated circuits – Measurement of electromagnetic emissions – Part 8: Measurement of radiated emissions – IC stripline method (IEC 61967-8:2023)	31.200	2023-06
EN IEC 61980-2	Electric vehicle wireless power transfer (WPT) systems – Part 2: Specific requirements for MF-WPT system communication and activities (IEC 61980-2:2023)	43.120	2023-06
EN IEC 62321-3-4	Determination of certain substances in electrotechnical products – Part 3-4: Screening – Phthalates in polymers of electrotechnical products by high performance liquid chromatography with ultraviolet detector (HPLC-UV), thin layer chromatography (TLC) and thermal desorption mass spectrometry (TD-MS) (IEC 62321-3-4:2023)	01.110; 13.020.01; 29.020; 29.100.01	2023-06
EN IEC 62561-6	Lightning protection system components (LPSC) – Part 6: Requirements for lightning strike counters (LSCs) (IEC 62561-6:2023)	29.020; 91.120.40	2023-06
EN 62620/A1	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for use in industrial applications (IEC 62620:2014/AMD1:2023)	29.220.30	2023-06
EN IEC 62769-6-100	Field Device Integration (FDI) – Part 6-100: Technology Mapping – .Net (IEC 62769-6-100:2023)	25.040.40; 35.100.05; 35.240.50	2023-06
EN IEC 62769-6-200	Field Device Integration (FDI) – Part 6-200: Technology Mapping – HTML5 (IEC 62769-6-200:2023)	25.040.40; 35.100.05; 35.240.50	2023-06
EN IEC 62769-102-2	Field device integration (FDI) – Part 102-2: Profiles – EtherNet/IP (IEC 62769-102-2:2023)	25.040.40; 33.040.40; 35.240.50	2023-06
EN 62927/A1	Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical testing (IEC 62927:2017/AMD1:2023)	17.220.20; 29.200; 29.240.99	2023-06
EN IEC 63027	Photovoltaic power systems – DC arc detection and interruption (IEC 63027:2023)	27.160; 29.120.50	2023-06
EN IEC 63044-4/AC	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS	97.120	2023-06
EN IEC 63267-1	Fibre optic interconnecting devices and passive components – Fibre optic connector optical interfaces – Part 1: Enhanced macro bend loss multimode 50 Åµm core diameter fibres – General and guidance (IEC 63267-1:2023)	33.180.10; 33.180.20	2023-06
EN ISO 179-1	Plastics – Determination of Charpy impact properties – Part 1: Non-instrumented impact test (ISO 179-1:2023)	83.080.01	2023-06
EN ISO 180	Plastics – Determination of Izod impact strength (ISO 180:2023)	83.080.01	2023-06
EN ISO 1247-1	Aluminium pigments for paints – Part 1: General aluminium pigments (ISO 1247-1:2021)	87.060.10	2023-06
EN ISO 1247-2	Aluminium pigments for paints – Part 2: Vacuum metallized aluminium pigments (ISO 1247-2:2021)	87.060.10	2023-06
EN ISO 3262-2	Extenders for paints – Specifications and methods of test – Part 2: Baryte (natural barium sulfate) (ISO 3262-2:2023)	87.060.10	2023-06
EN ISO 3262-3	Extenders – Specifications and methods of test – Part 3: Blanc fixe (ISO 3262-3:2023)	87.060.10	2023-06
EN ISO 3262-4	Extenders – Specifications and methods of test – Part 4: Whiting (ISO 3262-4:2022)	87.060.10	2023-06
EN ISO 3262-5	Extenders – Specifications and methods of test – Part 5: Natural crystalline calcium carbonate (ISO 3262-5:2023)	87.060.10	2023-06
EN ISO 3262-8	Extenders – Specifications and methods of test – Part 8: Natural clay (ISO 3262-8:2023)	87.060.10	2023-06
EN ISO 3262-13	Extenders – Specifications and methods of test – Part 13: Natural quartz (ground) (ISO 3262-13:2023)	87.060.10	2023-06
EN ISO 3262-15	Extenders – Specifications and methods of test – Part 15: Vitreous silica (ISO 3262-15:2023)	87.060.10	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 3262-16	Extenders – Specifications and methods of test – Part 16: Aluminium hydroxides (ISO 3262-16:2023)	87.060.10	2023-06
EN ISO 3262-21	Extenders – Specifications and methods of test – Part 21: Silica sand (unground natural quartz) (ISO 3262-21:2023)	87.060.10	2023-06
EN ISO 3995	Metallic powders – Determination of green strength by transverse rupture of rectangular compacts (ISO 3995:2023)	77.040.10; 77.160	2023-06
EN ISO 4624	Paints and varnishes – Pull-off test for adhesion (ISO 4624:2023)	87.040	2023-06
EN ISO 5842	Powder metallurgy – Hot isostatic pressing – Argon detection using gas chromatography and mass spectrometry techniques (ISO 5842:2022)	77.160	2023-06
EN ISO 6076	Adhesives – Installation of floor coverings, wood flooring, levelling compounds and tiles – Specification of trowel notch sizes (ISO 6076:2023)	83.180	2023-06
EN ISO 6603-2	Plastics – Determination of puncture impact behaviour of rigid plastics – Part 2: Instrumented impact testing (ISO 6603-2:2023)	83.080.01	2023-06
EN ISO 9073-1	Nonwovens – Test methods – Part 1: Determination of mass per unit area (ISO 9073-1:2023)	59.080.30	2023-06
EN ISO 9073-3	Nonwovens – Test methods – Part 3: Determination of tensile strength and elongation at break using the strip method (ISO 9073-3:2023)	59.080.30	2023-06
EN ISO 9073-13	Nonwovens – Test methods – Part 13: Repeated liquid strike-through time (simulated urine) (ISO 9073-13:2023)	59.080.30	2023-06
EN ISO 9073-14	Nonwovens – Test methods – Part 14: Coverstock wetback (simulated urine) (ISO 9073-14:2023)	59.080.30	2023-06
CEN ISO/TS 11137-4	Sterilization of health care products – Radiation – Part 4: Guidance on process control (ISO/TS 11137-4:2020)	11.080.01	2023-06
EN ISO 11239	Health informatics – Identification of medicinal products – 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 (ISO 11239:2023)	35.240.80	2023-06
EN ISO 13004	Sterilization of health care products – Radiation – Substantiation of selected sterilization dose: Method VDmaxSD (ISO 13004:2022)	11.080.01	2023-06
EN ISO 13920	Welding – General tolerances for welded constructions – Dimensions for lengths and angles – Shape and position (ISO 13920:2023)	25.160.01	2023-06
EN ISO 13997	Protective clothing – Mechanical properties – Determination of resistance to cutting by sharp objects (ISO 13997:2023)	13.340.10	2023-06
EN ISO 15854	Dentistry – Casting and baseplate waxes (ISO 15854:2023)	11.060.10	2023-06
EN ISO 18134-3	Solid biofuels – Determination of moisture content – Part 3: Moisture in general analysis sample (ISO 18134-3:2023)	27.190; 75.160.40	2023-06
EN ISO 18218-1	Leather – Determination of ethoxylated alkylphenols (APEO) – Part 1: Direct method (ISO 18218-1:2023)	59.140.30	2023-06
EN ISO 19979	Ophthalmic optics – Contact lenses – Hygienic management of multipatient use trial contact lenses (ISO 19979:2018)	11.040.70	2023-06
CEN ISO/TR 20736	Sludge recovery, recycling, treatment and disposal – Guidance on thermal treatment of sludge (ISO/TR 20736:2021)	13.030.20	2023-06
EN ISO 20785-3	Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 3: Measurements at aviation altitudes (ISO 20785-3:2023)	13.280; 17.240; 49.020	2023-06
EN ISO 22097	Thermal insulation for buildings – Reflective insulation products – Determination of thermal performance (ISO 22097:2023)	91.120.10	2023-06
EN ISO/IEC 22989	Information technology – Artificial intelligence – Artificial intelligence concepts and terminology (ISO/IEC 22989:2022)	01.040.35; 35.020	2023-06
EN ISO/IEC 23053	Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML) (ISO/IEC 23053:2022)	35.020	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 23298	Dentistry – Test methods for machining accuracy of computer-aided milling machines (ISO 23298:2023)	11.060.01	2023-06
EN ISO 23702-1	Leather – Per- and polyfluoroalkyl substances – Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography (ISO 23702-1:2023)	59.140.30	2023-06
EN ISO 27971	Cereals and cereal products – Common wheat (<i>Triticum aestivum</i> L.) – Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology (ISO 27971:2023)	67.060	2023-06
CEN ISO/TS 37444	Electronic fee collection – Charging performance framework (ISO 37444:2023)	03.220.20; 35.240.60	2023-06
CEN ISO/ASTM TR 52905	Additive manufacturing of metals – Non-destructive testing and evaluation – Defect detection in parts (ISO/ASTM TR 52905:2023)	25.030; 77.040.20	2023-06

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16602-60	Space product assurance – Electrical, electronic and electromechanical (EEE) components	49.140	2023-06
EN 16602-60-13	Space product assurance – Commercial electrical, electronic and electromechanical (EEE) components	49.140	2023-06
EN 16602-70-40	Space product assurance – Processing and quality assurance requirements for hard brazing of metallic materials for flight hardware	25.160.50; 49.140	2023-06
CWA 17995	Digital Sovereignty – European perspectives, general approach, and implications on standardisation	01.040.35; 35.240.01	2023-06
CWA 18002	Best practices for hybridization and injection moulding of rigid control units on in-mould flexible devices	31.180; 83.200	2023-06
EN 50110-1	Operation of electrical installations – Part 1: General requirements	29.240.01	2023-06
EN 50110-2	Operation of electrical installations – Part 2: National annexes	29.240.01	2023-06
EN IEC 55036/A1	Electric and hybrid electric road vehicles – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers below 30 MHz (CISPR 36:2020/AMD1:2023)	33.100.10; 33.100.20; 43.120	2023-06
EN IEC 60071-2	Insulation co-ordination – Part 2: Application guidelines (IEC 60071-2:2023)	29.080.01; 29.080.30	2023-06
EN IEC 60076-19-1	Power transformers – Part 19-1: Rules for the determination of uncertainties in the measurement of the losses of power transformers (IEC 60076-19-1:2023)	29.180	2023-06
EN IEC 60309-1/AC	Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes – Part 1: General requirements (IEC 60309-1:2021/COR1:2023)	29.120.30	2023-06
EN 60335-2-31/A1	Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (IEC 60335-2-31:2012/A1:2016)	13.120; 97.040.20	2023-06
EN 60335-2-31/A2	Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (IEC 60335-2-31:2012/A2:2018)	13.120; 97.040.20	2023-06
EN 60335-2-31/A11	Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors	13.120; 97.040.20	2023-06
EN 60335-2-52/A2	Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for appliances for oral hygiene appliances (IEC 60335-2-52:2002/A2:2017)	13.120; 97.170	2023-06
EN 60335-2-52/A13	Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for appliances for oral hygiene appliances	13.120; 97.170	2023-06
EN 60335-2-53/A2	Household and similar electrical appliances – Safety – Part 2-53: Particular requirements for sauna heating appliances and infrared cabins (IEC 60335-2-53:2011/A2:2021)	97.100.10	2023-06
EN 60335-2-53/A11	Household and similar electrical appliances – Safety – Part 2-53: Particular requirements for sauna heating appliances and infrared cabins	97.100.10	2023-06
EN IEC 60534-1	Industrial-process control valves – Part 1: Control valve terminology and general considerations (IEC 60534-1:2023)	01.040.23; 23.060.40	2023-06
EN IEC 60728-11	Cable networks for television signals, sound signals and interactive services – Part 11: Safety (IEC 60728-11:2023)	33.060.40	2023-06
EN 60838-2-3/A1	Miscellaneous lampholders – Part 2-3: Particular requirements – Lampholders for double-capped linear LED lamps (IEC 60838-2-3:2016/AMD1:2023)	29.140.10	2023-06
EN IEC 61076-2-115	Connectors for electrical and electronic equipment – Product requirements – Part 2-115: Circular connectors – Detail specification for 12-pole shielded connectors with 2 A rated current and IP65/IP67 metal housing with push-pull locking (IEC 61076-2-115:2023)	31.220.10	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61249-2-51	Materials for printed boards and other interconnecting structures – Part 2-51: Reinforced base materials, clad and unclad – Base materials for integrated circuit card carrier tape, unclad (IEC 61249-2-51:2023)	31.180	2023-06
EN IEC 61300-3-4	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-4: Examinations and measurements – Attenuation (IEC 61300-3-4:2023)	33.180.20	2023-06
EN IEC 61543	Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility (IEC 61543:2022)	29.020; 29.120.50; 33.100.01; 33.100.10	2023-06
EN IEC 61543/A11	Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility	29.020; 29.120.50; 33.100.01; 33.100.10	2023-06
EN 61770/A12/AC	Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets	97.040.40; 97.060	2023-06
EN IEC 61784-2-11	Industrial networks – Profiles – Part 2-11: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 11 (IEC 61784-2-11:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-12	Industrial networks – Profiles – Part 2-12: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 12 (IEC 61784-2-12:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-13	Industrial networks – Profiles – Part 2-13: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 13 (IEC 61784-2-13:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-14	Industrial networks – Profiles – Part 2-14: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 14 (IEC 61784-2-14:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-15	Industrial networks – Profiles – Part 2-15: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 15 (IEC 61784-2-15:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-16	Industrial networks – Profiles – Part 2-16: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 16 (IEC 61784-2-16:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-17	Industrial networks – Profiles – Part 2-17: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 17 (IEC 61784-2-17:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-18	Industrial networks – Profiles – Part 2-18: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 18 (IEC 61784-2-18:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-20	Industrial networks – Profiles – Part 2-20: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 20 (IEC 61784-2-20:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61784-2-21	Industrial networks – Profiles – Part 2-21: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 21 (IEC 61784-2-21:2023)	35.100.20; 35.160; 35.240.50	2023-06
EN IEC 61820-3-4	Electrical installations for lighting and beaconing of aerodromes – Part 3-4: Safety secondary circuits in series circuits – General safety requirements (IEC 61820-3-4:2023)	29.140.50; 91.140.50; 91.160.20; 93.120	2023-06
EN IEC 61967-8	Integrated circuits – Measurement of electromagnetic emissions – Part 8: Measurement of radiated emissions – IC stripline method (IEC 61967-8:2023)	31.200	2023-06
EN IEC 61980-2	Electric vehicle wireless power transfer (WPT) systems – Part 2: Specific requirements for MF-WPT system communication and activities (IEC 61980-2:2023)	43.120	2023-06
EN IEC 62321-3-4	Determination of certain substances in electrotechnical products – Part 3-4: Screening – Phthalates in polymers of electrotechnical products by high performance liquid chromatography with ultraviolet detector (HPLC-UV), thin layer chromatography (TLC) and thermal desorption mass spectrometry (TD-MS) (IEC 62321-3-4:2023)	01.110; 13.020.01; 29.020; 29.100.01	2023-06
EN IEC 62561-6	Lightning protection system components (LPSC) – Part 6: Requirements for lightning strike counters (LSCs) (IEC 62561-6:2023)	29.020; 91.120.40	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN 62620/A1	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for use in industrial applications (IEC 62620:2014/AMD1:2023)	29.220.30	2023-06
EN IEC 62769-6-100	Field Device Integration (FDI) – Part 6-100: Technology Mapping – .Net (IEC 62769-6-100:2023)	25.040.40; 35.100.05; 35.240.50	2023-06
EN IEC 62769-6-200	Field Device Integration (FDI) – Part 6-200: Technology Mapping – HTML5 (IEC 62769-6-200:2023)	25.040.40; 35.100.05; 35.240.50	2023-06
EN IEC 62769-102-2	Field device integration (FDI) – Part 102-2: Profiles – EtherNet/IP (IEC 62769-102-2:2023)	25.040.40; 33.040.40; 35.240.50	2023-06
EN 62927/A1	Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical testing (IEC 62927:2017/AMD1:2023)	17.220.20; 29.200; 29.240.99	2023-06
EN IEC 63027	Photovoltaic power systems – DC arc detection and interruption (IEC 63027:2023)	27.160; 29.120.50	2023-06
EN IEC 63044-4/AC	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS	97.120	2023-06
EN IEC 63267-1	Fibre optic interconnecting devices and passive components – Fibre optic connector optical interfaces – Part 1: Enhanced macro bend loss multimode 50 μm core diameter fibres – General and guidance (IEC 63267-1:2023)	33.180.10; 33.180.20	2023-06
EN ISO/IEC 22989	Information technology – Artificial intelligence – Artificial intelligence concepts and terminology (ISO/IEC 22989:2022)	01.040.35; 35.020	2023-06
EN ISO/IEC 23053	Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML) (ISO/IEC 23053:2022)	35.020	2023-06

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 102900 V 1.4.1	Emergency Communications (EMTEL) – European Public Warning System (EU-ALERT) using the Cell Broadcast Service	33.040.01	2023-06
ETSI TS 103179 V 1.2.1	Satellite Earth Stations and Systems (SES) – Return Link Encapsulation (RLE) protocol	33.070.40	2023-06
ETSI TS 103324 V 2.1.1	Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Collective Perception Service – Release 2	35.240.60	2023-06
ETSI TS 103666-1 V 15.12.0	Smart Secure Platform (SSP) – Part 1: General characteristics (Release 15)	35.240.15	2023-06
ETSI TS 103666-1 V 16.8.0	Smart Secure Platform (SSP) – Part 1: General characteristics (Release 16)	35.240.15	2023-06
ETSI TS 103666-1 V 17.3.0	Smart Secure Platform (SSP) – Part 1: General characteristics (Release 17)	35.240.15	2023-06
ETSI TS 103720 V 1.2.1	5G Broadcast System for linear TV and radio services – LTE-based 5G terrestrial broadcast system	33.170	2023-06
ETSI TR 103832 V 2.1.1	Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Study on ITS Support for Pre-Crash based Applications – Release 2	35.240.60	2023-06
ETSI TR 103885 V 1.1.2	Reconfigurable Radio Systems (RRS) – Feasibility study on existing spectrum sharing frameworks for temporary and flexible spectrum access	33.060.01	2023-06
ETSI TS 118130 V 4.0.1	oneM2M – Ontology based Interworking (oneM2M TS-0030 version 4.0.1 Release 4)	33.200	2023-06
ETSI TS 119102-2 V 1.4.1	Electronic Signatures and Infrastructures (ESI) – Procedures for Creation and Validation of AdES Digital Signatures – Part 2: Signature Validation Report	33.040.01	2023-06
ETSI TS 119431-2 V 1.2.1	Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for trust service providers – Part 2: TSP service components supporting AdES digital signature creation	33.040.01	2023-06
ETSI TS 119615 V 1.2.1	Electronic Signatures and Infrastructures (ESI) – Trusted lists – Procedures for using and interpreting European Union Member States national trusted lists	33.040.01	2023-06
ETSI TS 138133 V 15.21.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.21.0 Release 15)	33.070.99	2023-06
ETSI TS 138133 V 16.15.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.15.0 Release 16)	33.070.99	2023-06
ETSI TS 138133 V 17.9.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 17.9.0 Release 17)	33.070.99	2023-06
ETSI TS 138508-1 V 17.8.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Common test environment (3GPP TS 38.508-1 version 17.8.0 Release 17)	33.070.99	2023-06
ETSI GS CIM 006 V 1.2.1	Context Information Management (CIM) – NGSI-LD Information Model	35.080; 35.240.01	2023-06
ETSI GS CIM 009 V 1.7.1	Context Information Management (CIM) – NGSI-LD API	35.240.01	2023-06
ETSI GS ENI 005 V 3.1.1	Experiential Networked Intelligence (ENI) – System Architecture	35.080	2023-06
ETSI GS ENI 019 V 3.1.1	Experiential Networked Intelligence (ENI) – Representing, Inferring, and Proving Knowledge in ENI	35.110	2023-06
ETSI GS F5G 016 V 1.1.1	Fifth Generation Fixed Network (F5G) – Data Models of Telemetry for Access Network	35.110	2023-06
ETSI GR CDM 008 V 1.1.1	Common information sharing environment service and Data Model (CDM) – Testing Platform	35.240.60	2023-06
ETSI GR CIM 002 V 1.2.1	Context Information Management (CIM) – Use Cases (UC)	35.080; 35.240.01	2023-06
ETSI GR RIS 003 V 1.1.1	Reconfigurable Intelligent Surfaces (RIS) – Communication Models, Channel Models, Channel Estimation and Evaluation Methodology	33.070.99; 35.110	2023-06
ETSI GR SAI 011 V 1.1.1	Securing Artificial Intelligence (SAI) – Automated Manipulation of Multimedia Identity Representations	35.040.40; 35.240.01	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS MEC 010-2 V 3.1.1	Multi-access Edge Computing (MEC) – MEC Management – Part 2: Application lifecycle, rules and requirements management	33.070.99	2023-06
ETSI GS NFV-SOL 018 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – Profiling specification of protocol and data model solutions for OS Container management and orchestration	35.110	2023-06
ETSI GS PDL 012 V 1.2.1	Permissioned Distributed Ledger (PDL) – Reference Architecture	35.240.99	2023-06
EN 319122-1 V 1.3.1	Electronic Signatures and Infrastructures (ESI) – CAAdES digital signatures – Part 1: Building blocks and CAAdES baseline signatures	35.240.30	2023-06

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC TR 30189-1	Internet of Things (IoT) – IoT-based cultural heritage management – Part 1: Framework	35.240.95	2023-06
ISO 179-1	Plastics – Determination of Charpy impact properties – Part 1: Non-instrumented impact test	83.080.01	2023-06
ISO 180	Plastics – Determination of Izod impact strength	83.080.01	2023-06
ISO 2113	Reinforcement fibres – Woven fabrics – Requirements and specifications	59.100.01	2023-06
ISO 3262-2	Extenders – Specifications and methods of test – Part 2: Baryte (natural barium sulfate)	87.060.10	2023-06
ISO 3262-3	Extenders – Specifications and methods of test – Part 3: Blanc fixe	87.060.10	2023-06
ISO 3262-4	Extenders – Specifications and methods of test – Part 4: Whiting	87.060.10	2023-06
ISO 3262-5	Extenders – Specifications and methods of test – Part 5: Natural crystalline calcium carbonate	87.060.10	2023-06
ISO 3262-12	Extenders – Specifications and methods of test – Part 12: Muscovite-type mica	87.060.10	2023-06
ISO 3262-22	Extenders – Specifications and methods of test – Part 22: Flux-calcined kieselguhr	87.060.10	2023-06
ISO 3483	Copper and zinc sulfide concentrates – Determination of thallium – Acid digestion and inductively coupled plasma-mass spectrometry	73.060.99	2023-06
ISO/IEC 3532-1	Information technology – Medical image-based modelling for 3D printing – Part 1: General requirements	25.030; 35.240.80	2023-06
ISO 3547-2	Plain bearings – Wrapped bushes – Part 2: Test data for outside and inside diameters	21.100.10	2023-06
ISO 3691-4	Industrial trucks – Safety requirements and verification – Part 4: Driverless industrial trucks and their systems	53.060	2023-06
ISO 3995	Metallic powders – Determination of green strength by transverse rupture of rectangular compacts	77.040.10; 77.160	2023-06
ISO 4077	Coal – Guidance for sampling in coal preparation plants	73.120	2023-06
ISO/TR 4421	Health informatics – Introduction to Ayurveda informatics	35.240.80	2023-06
ISO 4504	Plastics – Polyethylene (PE) – Determination of co-monomer content by solution state ¹³ C-NMR spectrometry	83.080.20	2023-06
ISO 4624	Paints and varnishes – Pull-off test for adhesion	87.040	2023-06
ISO 4679	Ships and marine technology – Hydraulic performance tests for waterjet propulsion system	47.020.20	2023-06
ISO 4789	Guidelines for wastewater treatment and reuse in thermal power plants	13.030.20; 13.030.50; 13.060.25	2023-06
ISO 4862	Ships and marine technology – Winches for trailing suction hopper dredger	47.020.50	2023-06
ISO 4864	Ships and marine technology – Jacking system appliances on self-elevating unit – General requirements	47.020.50	2023-06
ISO/TS 4971	Nanotechnologies – Performance evaluation of nanosuspensions containing clay nanoplates for quorum quenching	7.120	2023-06
ISO 4979	Water quality – Aquatic toxicity test based on root re-growth in Lemna minor	13.060.70	2023-06
ISO 4981	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water – Boxes used for retention, detention, storage and transportation systems – Specifications for storm water boxes made of PE, PP and PVC-U	23.040.01; 93.025	2023-06
ISO 4982	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water – Arch-shaped, corrugated wall chambers made of PE or PP used for retention, detention, storage and transportation of storm water systems – Product specifications and performance criteria	23.040.20; 23.040.45; 91.140.80; 93.030	2023-06
ISO/TS 5044	Health informatics – Information model for quality control of traditional Chinese medicinal products	35.240.80	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 5117	Automatic steam traps – Production and performance characteristic tests	23.060.01	2023-06
ISO/TR 5202	Buildings and civil engineering works – Building resilience strategies related to public health emergencies – Compilation of relevant information	13.020.20; 91.040.01; 93.010	2023-06
ISO 5260	Epoxidized natural rubber – Determination of epoxidation and ring opening level by NMR spectrometry	83.060	2023-06
ISO/TR 5262	Motorcycles – Guideline for verification of total running resistance force during mode running on a chassis dynamometer	43.140	2023-06
ISO 5491	Vertiports – Infrastructure and equipment for vertical take-off and landing (VTOL) of electrically powered cargo unmanned aircraft systems (UAS)	49.020	2023-06
ISO 5556	Ships and marine technology – Sea-going vessels – Single-drum winches for oceanographic research	47.020.50; 47.040	2023-06
ISO 5676	Tractors and machinery for agriculture and forestry – Hydraulic coupling – Braking circuit	65.060.01	2023-06
ISO 5725-3	Accuracy (trueness and precision) of measurement methods and results – Part 3: Intermediate precision and alternative designs for collaborative studies	03.120.30; 17.020	2023-06
ISO 6028	Healthcare organization management – Pandemic response – Functional requirements for self-symptom checker app	11.040.55	2023-06
ISO/TR 6039	Blockchain and distributed ledger technologies – Identifiers of subjects and objects for the design of blockchain systems	35.030; 35.240.40; 35.240.99	2023-06
ISO 6519	Diesel engines – Fuel injection pumps – Tapers for shaft ends and hubs	43.060.40	2023-06
ISO 6534	Forestry machinery – Portable chain-saw hand-guards – Mechanical strength	65.060.80	2023-06
ISO 6603-2	Plastics – Determination of puncture impact behaviour of rigid plastics – Part 2: Instrumented impact testing	83.080.01	2023-06
ISO 7927-1	Spices and condiments – Fennel seed, whole or ground – Part 1: Bitter fennel seed specification (Foeniculum vulgare P. Miller var. vulgare)	67.220.10	2023-06
ISO 7927-2	Spices and condiments – Fennel seed, whole or ground – Part 2: Sweet fennel seed specification (Foeniculum vulgare var. panmorium)	67.220.10	2023-06
ISO 8355	Starch acetates – Specifications and test methods	67.180.20	2023-06
ISO 8529-3	Neutron reference radiation fields – Part 3: Calibration of area and personal dosimeters and determination of their response as a function of neutron energy and angle of incidence	17.240	2023-06
ISO 8563	Propylene and butadiene for industrial use – Sampling in the liquid phase	71.080.10	2023-06
ISO 9073-1	Nonwovens – Test methods – Part 1: Determination of mass per unit area	59.080.30	2023-06
ISO 9073-3	Nonwovens – Test methods – Part 3: Determination of tensile strength and elongation at break using the strip method	59.080.30	2023-06
ISO 9073-13	Nonwovens – Test methods – Part 13: Repeated liquid strike-through time (simulated urine)	59.080.30	2023-06
ISO 9073-14	Nonwovens – Test methods – Part 14: Coverstock wetback (simulated urine)	59.080.30	2023-06
ISO/IEC 9075-1	Information technology – Database languages SQL – Part 1: Framework (SQL/Framework)	35.060	2023-06
ISO/IEC 9075-2	Information technology – Database languages SQL – Part 2: Foundation (SQL/Foundation)	35.060	2023-06
ISO/IEC 9075-3	Information technology – Database languages SQL – Part 3: Call-Level Interface (SQL/CLI)	35.060	2023-06
ISO/IEC 9075-4	Information technology – Database languages SQL – Part 4: Persistent stored modules (SQL/PSM)	35.060	2023-06

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 9075-9	Information technology – Database languages SQL – Part 9: Management of External Data (SQL/MED)	35.060	2023-06
ISO/IEC 9075-10	Information technology – Database languages SQL – Part 10: Object language bindings (SQL/OLB)	35.060	2023-06
ISO/IEC 9075-11	Information technology – Database languages SQL – Part 11: Information and definition schemas (SQL/Schemata)	35.060	2023-06
ISO/IEC 9075-13	Information technology – Database languages SQL – Part 13: SQL Routines and types using the Java TM programming language (SQL/JRT)	35.060	2023-06
ISO/IEC 9075-14	Information technology – Database languages SQL – Part 14: XML-Related Specifications (SQL/XML)	35.060	2023-06
ISO/IEC 9075-15	Information technology – Database languages SQL – Part 15: Multidimensional arrays (SQL/MDA)	35.060	2023-06
ISO/IEC 9075-16	Information technology – Database languages SQL – Part 16: Property Graph Queries (SQL/PGQ)	35.060	2023-06
ISO 9467	Exhaust system for multi position small engine machines – Test procedures and performance requirements for spark arrestors	65.060.70; 65.060.80	2023-06
ISO/TS 9491-1	Biotechnology – Predictive computational models in personalized medicine research – Part 1: Constructing, verifying and validating models	7.080	2023-06
ISO 9854-1	Thermoplastics pipes for the transport of fluids – Determination of Charpy impact properties – Part 1: General test method	23.040.20	2023-06
ISO/TR 9968	Road vehicles – Functional safety – Application to generic rechargeable energy storage systems for new energy vehicle	43.040.10	2023-06
ISO 10563	Building and civil engineering sealants – Determination of change in mass and volume	91.100.50	2023-06
ISO 10605	Road vehicles – Test methods for electrical disturbances from electrostatic discharge	43.040.10	2023-06
ISO/TR 11147	Health informatics – Personalized digital health – Digital therapeutics health software systems	35.240.80	2023-06
ISO 11239	Health informatics – Identification of medicinal products – 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	2023-06
ISO 11346	Rubber, vulcanized or thermoplastic – Estimation of life-time and maximum temperature of use	83.060	2023-06
ISO 11620	Information and documentation – Library performance indicators	01.140.20	2023-06
ISO 11737-3	Sterilization of health care products – Microbiological methods – Part 3: Bacterial endotoxin testing	07.100.10; 11.080.01	2023-06
ISO 11798	Information and documentation – Permanence and durability of writing, printing and copying on paper – Requirements and test methods	01.140.20	2023-06
ISO 12131-2	Plain bearings – Hydrodynamic plain thrust pad bearings under steady-state conditions – Part 2: Functions for the calculation of thrust pad bearings	21.100.10	2023-06
ISO 12167-1	Plain bearings – Hydrostatic plain journal bearings with drainage grooves under steady-state conditions – Part 1: Calculation of oil-lubricated plain journal bearings with drainage grooves	21.100.10	2023-06
ISO 13920	Welding – General tolerances for welded constructions – Dimensions for lengths and angles, shape and position	17.040.10; 25.160.10	2023-06
ISO 13997	Protective clothing – Mechanical properties – Determination of resistance to cutting by sharp objects	13.340.10	2023-06
ISO 14595	Microbeam analysis – Electron probe microanalysis – Guidelines for the specification of certified reference materials (CRMs)	71.040.30; 71.040.99	2023-06

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ISO 14624-5	Space systems – Safety and compatibility of materials – Part 5: Determination of reactivity of system/component materials with aerospace propellants	49.025.01; 49.140	2023-06
ISO 14897	Plastics – Polyols for use in the production of polyurethanes – Determination of water content	83.080.10	2023-06
ISO/IEC 15444-17	Information technology – JPEG 2000 image coding system – Part 17: Extensions for coding of discontinuous media	35.040.30	2023-06
ISO/IEC 15944-9	Information technology – Business operational view – Part 9: Business transaction traceability framework for commitment exchange	35.240.63	2023-06
ISO/IEC 15944-10	Information technology – Business operational view – Part 10: IT-enabled coded domains as semantic components in business transactions	35.240.63	2023-06
ISO/IEC 15944-16	Information technology – Business operational view – Part 16: Consolidated set of the rules and guidelines identified in ISO/IEC 15944 Business Operational View standards and their IT-enablement	35.240.63	2023-06
ISO/TS 16422-3	Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure – Part 3: Fittings	23.040.45; 91.140.60	2023-06
ISO 16657	Sensory analysis – Apparatus – Olive oil tasting glass	67.240; 67.260	2023-06
ISO 17710	Plastics – Polyols for use in the production of polyurethanes – Determination of degree of unsaturation by microtitration	83.080.10	2023-06
ISO 18115-1	Surface chemical analysis – Vocabulary – Part 1: General terms and terms used in spectroscopy	01.040.71; 71.040.40	2023-06
ISO 18134-3	Solid biofuels – Determination of moisture content – Part 3: Moisture in general analysis sample	27.190; 75.160.40	2023-06
ISO 18218-1	Leather – Determination of ethoxylated alkylphenols (APEO) – Part 1: Direct method	59.140.30	2023-06
ISO 18937-1	Imaging materials – Methods for measuring indoor light stability of photographic prints – Part 1: General guidance and requirements	37.040.20	2023-06
ISO 18937-2	Imaging materials – Methods for measuring indoor light stability of photographic prints – Part 2: Xenon-arc lamp exposure	37.040.20	2023-06
ISO 19123-1	Geographic information – Schema for coverage geometry and functions – Part 1: Fundamentals	35.240.70	2023-06
ISO 19123-3	Geographic information – Schema for coverage geometry and functions – Part 3: Processing fundamentals	35.240.70	2023-06
ISO 19150-6	Geographic information – Ontology – Part 6: Service ontology register	35.240.70	2023-06
ISO 19407	Footwear – Sizing – Conversion of sizing systems	61.060	2023-06
ISO/IEC 19566-5	Information technologies – JPEG systems – Part 5: JPEG universal metadata box format (JUMBF)	35.040.30	2023-06
ISO 20567-2	Paints and varnishes – Determination of stone-chip resistance of coatings – Part 2: Single-impact test with a guided impact body	87.040	2023-06
ISO 20749	Dentistry – Pre-capsulated dental amalgam	11.060.10	2023-06
ISO 20785-3	Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 3: Measurements at aviation altitudes	13.280; 17.240; 49.020	2023-06
ISO/TS 20791-3	Photography – Photographic reflection prints – Part 3: Evaluation of glossiness	37.040.20	2023-06
ISO 21219-19	Intelligent transport systems – Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) – Part 19: Weather information (TPEG2-WEA)	03.220.01; 35.240.60	2023-06
ISO/TS 22028-5	Photography and graphic technology – Extended colour encodings for digital image storage, manipulation and interchange – Part 5: High dynamic range and wide colour gamut encoding for still images (HDR/WCG)	37.040.99; 37.100.01	2023-06
ISO 22097	Thermal insulation for buildings – Reflective insulation products – Determination of thermal performance	91.120.10	2023-06

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ISO 22526-4	Plastics – Carbon and environmental footprint of biobased plastics – Part 4: Environmental (total) footprint (Life cycle assessment)	13.020.40; 83.080.01	2023-06
ISO 22587	Traditional Chinese medicine – Acupoint magnetotherapy plasters for single use	11.040.60	2023-06
ISO 22640	Rubber – Framework for physical and chemical characterization of tyre and road wear particles (TRWP)	13.020.40; 83.060; 83.160.01	2023-06
ISO/TS 22726-1	Intelligent transport systems – Dynamic data and map database specification for connected and automated driving system applications – Part 1: Architecture and logical data model for harmonization of static map data	03.220.20; 35.240.60	2023-06
ISO 22932-3	Mining – Vocabulary – Part 3: Rock mechanics	01.040.73; 73.020	2023-06
ISO 22932-5	Mining – Vocabulary – Part 5: Drilling and blasting	01.040.73; 73.020	2023-06
ISO/IEC 23090-2	Information technology – Coded representation of immersive media – Part 2: Omnidirectional media format	35.040.40	2023-06
ISO/IEC 23090-14	Information technology – Coded representation of immersive media – Part 14: Scene description	35.040.40	2023-06
ISO 23117-1	Agricultural and forestry machinery – Unmanned aerial spraying systems – Part 1: Environmental requirements	49.020; 65.060.40	2023-06
ISO 23256	Water quality – Detection of selected congeners of polychlorinated dibenzo-p-dioxins and polychlorinated biphenyls – Method using a flow immunosensor technique	13.060.50	2023-06
ISO 23460	Space projects – Programme management – Dependability assurance requirements	49.140	2023-06
ISO 23702-1	Leather – Per- and polyfluoroalkyl substances – Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography	59.140.30	2023-06
ISO/TS 23792-1	Intelligent transport systems – Motorway chauffeur systems (MCS) – Part 1: Framework and general requirements	03.220.20; 35.240.60	2023-06
ISO 24013	Optics and photonics – Lasers and laser-related equipment – Measurement of phase retardation of optical components for polarized laser radiation	31.260	2023-06
ISO 24072	Aerosol bacterial retention test method for air-inlet filter on administration devices	11.040.20	2023-06
ISO 24087	Rubber, vulcanized – Determination of the glass transition temperature and enthalpy by differential scanning calorimetry	83.060	2023-06
ISO 24245	Space systems – Global navigation satellite system (GNSS) receiver class codes	49.140	2023-06
ISO 24483	Epoxidized natural rubber – Specifications	83.060	2023-06
ISO 24495-1	Plain language – Part 1: Governing principles and guidelines	01.140.10	2023-06
ISO 24569	Ships and marine technology – External firefighting system test methods	47.020.01	2023-06
ISO 24617-14	Language resource management – Semantic annotation framework (SemAF) – Part 14: Spatial semantics	1.020	2023-06
ISO 24678-4	Fire safety engineering – Requirements governing algebraic formulae – Part 4: Smoke layers	13.220.01	2023-06
ISO 24678-5	Fire safety engineering – Requirements governing algebraic formulae – Part 5: Vent flows	13.220.01	2023-06
ISO/IEC 25059	Software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Quality model for AI systems	35.080	2023-06
ISO/IEC 27032	Cybersecurity – Guidelines for Internet security	35.030	2023-06
ISO/IEC 27036-3	Cybersecurity – Supplier relationships – Part 3: Guidelines for hardware, software, and services supply chain security	35.030	2023-06
ISO 27971	Cereals and cereal products – Common wheat (<i>Triticum aestivum</i> L.) – Determination of Alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology	67.060	2023-06
ISO 28560-1	Information and documentation – RFID in libraries – Part 1: Data elements and general guidelines for implementation	35.040.50; 35.240.30	2023-06

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ISO 28560-2	Information and documentation – RFID in libraries – Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962	35.040.50; 35.240.30	2023-06
ISO 29585	Health informatics – Framework for healthcare and related data reporting	35.240.80	2023-06
ISO/IEC TS 30105-9	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 9: Guidelines on extending process capability assessment for digital transformation	35.020	2023-06
ISO 30405	Human resource management – Guidelines on recruitment	03.100.30	2023-06
ISO 30434	Human resource management – Workforce allocation	03.100.30	2023-06
ISO/TS 30437	Human resource management – Learning and development metrics	03.100.30	2023-06
ISO/TS 37444	Electronic fee collection – Charging performance framework	03.220.20; 35.240.60	2023-06
ISO 41064	Health informatics – Standard communication protocol – Computer-assisted electrocardiography	35.240.80	2023-06
ISO/ASTM TR 52905	Additive manufacturing of metals – Non-destructive testing and evaluation – Defect detection in parts	25.030; 77.040.20	2023-06
ISO/ASTM 52920	Additive manufacturing – Qualification principles – Requirements for industrial additive manufacturing processes and production sites	25.030	2023-06
ISO/ASTM TR 52952	Additive manufacturing of metals – Feedstock materials – Correlating of rotating drum measurement with powder spreadability in PBF-LB machines	25.030	2023-06
IEC 60086-3 Technical Corrigendum 1	Primary batteries – Part 3: Watch batteries – Technical Corrigendum 1; Technical Corrigendum 1	29.220.10; 39.040.10	2023-06
ISO 80601-2-72	Medical electrical equipment – Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients	11.040.10	2023-06

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CISPR 16-2-3 AMD 2	Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements; Amendment 2	33.100.01; 33.100.10; 33.100.20	2023-06
CISPR 16-2-3 Edition 4.2	Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements	33.100.01; 33.100.10; 33.100.20	2023-06
IEC/TR 62271-321	High voltage switchgear and controlgear data and properties for information exchange – Part 1: Catalogue data	29.130.10	2023-06
IEC/TR 62271-307	High-voltage switchgear and controlgear – Part 307: Guidance for the extension of validity of type tests of AC metal and solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	29.130.10	2023-06
IEC/TR 60099-10	Surge arresters – Part 10: Rationale for tests prescribed by IEC 60099-4	29.240.10	2023-06
IEC/TR 61328	Live working – Guidelines for the installation of transmission and distribution line conductors and earth wires – Stringing equipment and accessory items	13.260; 29.240.20; 29.260.99	2023-06
IEC/TR 62150-7	Fibre optic active components and devices – Test and measurement procedures – Part 7: Calculation methodology of laser safety class for optical transceivers and transmitters	31.260; 33.180.30	2023-06
IEC/TR 63509	Characteristics of WRGB type displays	17.180.20; 31.120	2023-06
IEC/TR 63340-2	Electronic displays for special applications – Part 2: Elevator and escalator	31.120	2023-06
IEC/TR 63482	Maintenance of low voltage switchgear and controlgear and their assemblies	29.130.20	2023-06
IEC 60068-2-17	Environmental testing – Part 2-17: Tests – Test Q: Sealing	19.040	2023-06
IEC 60068-3-1	Environmental testing – Part 3-1: Supporting documentation and guidance – Cold and dry heat tests	19.040	2023-06
IEC 60068-3-4	Environmental testing – Part 3-4: Supporting documentation and guidance – Damp heat tests	19.040; 29.020	2023-06
IEC 60076-22-7 Corrigendum 1	Power transformers – Part 22-7: Power transformer and reactor fittings – Accessories and fittings; Corrigendum 1	29.180	2023-06
IEC 60079-11 Corrigendum 1	Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "i"; Corrigendum 1	29.260.20	2023-06
IEC 60086-3 Corrigendum 1	Primary batteries – Part 3: Watch batteries; Corrigendum 1	29.220.10; 39.040.10	2023-06
IEC/TS 60695-2-21	Fire hazard testing – Part 2-21: Glowing/hot-wire based test methods – Fire containment test on finished units	13.220.40; 29.020	2023-06
IEC 60728-101-1	Cable networks for television signals, sound signals and interactive services – Part 101-1: RF cabling for two-way home networks with all-digital channels load	33.040.20; 33.160.01	2023-06
IEC 60728-101-2	Cable networks for television signals, sound signals and interactive services – Part 101-2: Performance requirements for signals delivered at the system outlet in operation with all-digital channels load	33.040.20; 33.160.01	2023-06
IEC 60840 AMD 1	Power cables with extruded insulation and their accessories for rated voltages above 30 kV ($U_m = 36$ kV) up to 150 kV ($U_m = 170$ kV) – Test methods and requirements; Amendment 1	29.060.20	2023-06
IEC 60840 Edition 5.1	Power cables with extruded insulation and their accessories for rated voltages above 30 kV ($U_m = 36$ kV) up to 150 kV ($U_m = 170$ kV) – Test methods and requirements	29.060.20	2023-06
IEC 60947-6-2 Corrigendum 2	Low-voltage switchgear and Controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS); Corrigendum 2	29.130.20	2023-06
IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields	33.100.20	2023-06
IEC/TR 61191-9	Printed board assemblies – Part 9: Electrochemical reliability and ionic contamination on printed-circuit board assemblies for use in automotive applications – Best practices	31.180; 31.190	2023-06

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IEC 61196-8	Coaxial communication cables – Part 8: Sectional specification for semi-flexible cables with fluoropolymer dielectric	33.120.10	2023-06
IEC 61196-9	Coaxial communication cables – Part 9: Sectional specification for flexible RF coaxial cables	33.120.10	2023-06
IEC 61249-6-3	Materials for printed boards and other interconnecting structures – Part 6-3: Sectional specification set for reinforcement materials – Specification for finished fabric woven from "E" glass for printed boards	31.180	2023-06
IEC 61300-3-4 Corrigendum 1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-4: Examinations and measurements – Attenuation; Corrigendum 1	33.180.20	2023-06
IEC 61300-3-45	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-45: Examinations and measurements – Attenuation of random mated multi-fibre connectors	33.180.20	2023-06
IEC 61300-3-53 Corrigendum 1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-53: Examinations and measurements – Encircled angular flux (EAF) measurement method based on two-dimensional far field data from multimode waveguide (including fibre); Corrigendum 1	33.180.20	2023-06
IEC 61558-2-3	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners	29.180	2023-06
IEC 61558-2-7	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-7: Particular requirements and tests for transformers and power supply units for toys	29.180	2023-06
IEC 61812-1	Time relays and coupling relays for industrial and residential use – Part 1: Requirements and tests	29.120.70	2023-06
IEC 61869-1	Instrument transformers – Part 1: General requirements	17.220.20	2023-06
IEC 62208	Empty enclosures for low-voltage switchgear and controlgear assemblies – General requirements	29.130.20	2023-06
IEC 62228-3 Corrigendum 1	Integrated circuits – EMC evaluation of transceivers – Part 3: CAN transceivers; Corrigendum 1	31.200	2023-06
IEC 62351-3	Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP	33.200; 35.030; 35.240.50	2023-06
IEC 62351-9	Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment	33.200; 35.030; 35.240.50	2023-06
IEC 62471-7 Corrigendum 1	Photobiological safety of lamps and lamp systems – Part 7: Light sources and luminaires primarily emitting visible radiation; Corrigendum 1	29.140.01	2023-06
IEC/TS 62565-5-1	Nanomanufacturing – Material specification – Part 5-1: Nanoporous activated carbon – Blank detail specification: Electrochemical capacitors	07.120; 31.060.99	2023-06
IEC/TS 62607-6-7	Nanomanufacturing – Key control characteristics – Part 6-7: Graphene – Sheet resistance: van der Pauw method	7.120	2023-06
IEC/TS 62607-6-8	Nanomanufacturing – Key control characteristics – Part 6-8: Graphene – Sheet resistance: In-line four-point probe	7.120	2023-06
IEC/TS 62903	Ultrasonics – Measurements of electroacoustical parameters and acoustic output power of spherically curved transducers using the self-reciprocity method	17.140.50	2023-06
IEC 62977-3-9	Electronic displays – Part 3-9: Evaluation of optical performance – Display sparkle contrast	31.120; 31.260	2023-06
IEC SRD 63233-2	Smart city standards inventory and mapping – Part 2: Standards inventory	03.100.70; 13.020.20; 35.240.99	2023-06
IEC 63300	Test methods for electrical and magnetic properties of magnetic powder cores	29.030; 29.100.10	2023-06

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ISO/IEC TR 30189-1	Internet of Things (IoT) – IoT-based cultural heritage management – Part 1: Framework	35.240.95	2023-06
ISO/IEC 3532-1	Information technology – Medical image-based modelling for 3D printing – Part 1: General requirements	25.030; 35.240.80	2023-06
ISO/IEC 9075-1	Information technology – Database languages SQL – Part 1: Framework (SQL/Framework)	35.060	2023-06
ISO/IEC 9075-2	Information technology – Database languages SQL – Part 2: Foundation (SQL/Foundation)	35.060	2023-06
ISO/IEC 9075-3	Information technology – Database languages SQL – Part 3: Call-Level Interface (SQL/CLI)	35.060	2023-06
ISO/IEC 9075-4	Information technology – Database languages SQL – Part 4: Persistent stored modules (SQL/PSM)	35.060	2023-06
ISO/IEC 9075-9	Information technology – Database languages SQL – Part 9: Management of External Data (SQL/MED)	35.060	2023-06
ISO/IEC 9075-10	Information technology – Database languages SQL – Part 10: Object language bindings (SQL/OLB)	35.060	2023-06
ISO/IEC 9075-11	Information technology – Database languages SQL – Part 11: Information and definition schemas (SQL/Schemata)	35.060	2023-06
ISO/IEC 9075-13	Information technology – Database languages SQL – Part 13: SQL Routines and types using the Java TM programming language (SQL/JRT)	35.060	2023-06
ISO/IEC 9075-14	Information technology – Database languages SQL – Part 14: XML-Related Specifications (SQL/XML)	35.060	2023-06
ISO/IEC 9075-15	Information technology – Database languages SQL – Part 15: Multidimensional arrays (SQL/MDA)	35.060	2023-06
ISO/IEC 9075-16	Information technology – Database languages SQL – Part 16: Property Graph Queries (SQL/PGQ)	35.060	2023-06
ISO/IEC 15444-17	Information technology – JPEG 2000 image coding system – Part 17: Extensions for coding of discontinuous media	35.040.30	2023-06
ISO/IEC 15944-9	Information technology – Business operational view – Part 9: Business transaction traceability framework for commitment exchange	35.240.63	2023-06
ISO/IEC 15944-10	Information technology – Business operational view – Part 10: IT-enabled coded domains as semantic components in business transactions	35.240.63	2023-06
ISO/IEC 15944-16	Information technology – Business operational view – Part 16: Consolidated set of the rules and guidelines identified in ISO/IEC 15944 Business Operational View standards and their IT-enablement	35.240.63	2023-06
ISO/IEC 19566-5	Information technologies – JPEG systems – Part 5: JPEG universal metadata box format (JUMBF)	35.040.30	2023-06
ISO/IEC 23090-2	Information technology – Coded representation of immersive media – Part 2: Omnidirectional media format	35.040.40	2023-06
ISO/IEC 23090-14	Information technology – Coded representation of immersive media – Part 14: Scene description	35.040.40	2023-06
ISO/IEC 25059	Software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Quality model for AI systems	35.080	2023-06
ISO/IEC 27032	Cybersecurity – Guidelines for Internet security	35.030	2023-06
ISO/IEC 27036-3	Cybersecurity – Supplier relationships – Part 3: Guidelines for hardware, software, and services supply chain security	35.030	2023-06
ISO/IEC TS 30105-9	Information technology – IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes – Part 9: Guidelines on extending process capability assessment for digital transformation	35.020	2023-06
IEC 60086-3 Technical Corrigendum 1	Primary batteries – Part 3: Watch batteries – Technical Corrigendum 1; Technical Corrigendum 1	29.220.10; 39.040.10	2023-06
ISO 80601-2-72	Medical electrical equipment – Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients	11.040.10	2023-06