

Hrvatski zavod za norme

Oglasnik za normativne dokumente

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

HZN/TO 5, Metalne cijevi i priključci

HRN EN 14917:2021 en pr
Metalni ekspanzioni mijeh za tlačnu primjenu (EN 14917:2021)
Metal bellows expansion joints for pressure applications (EN 14917:2021)

HZN/TO 21, Protupožarna i vatrogasna oprema

HRN EN 3-8:2021 en pr
Prijenosni vatrogasni aparati – 8. dio: Zahtjevi za konstrukciju, otpornost na pritisak i mehanička ispitivanja vatrogasnih aparata s maksimalnim dozvoljenim pritiskom jednakim ili nižim od 30 bara, koji zadovoljavaju zahtjeve norme EN 3-7 (EN 3-8:2021)
Portable fire extinguishers – Part 8: Requirements for the construction, pressure resistance and mechanical tests for extinguishers with a maximum allowable pressure equal to or lower than 30 bar, which comply with the requirements of EN 3-7 (EN 3-8:2021)

HRN EN 17446:2021 en pr
Sustavi za gašenje požara u profesionalnim kuhinjama – Projektiranje sustava, dokumentacija i zahtjevi za ispitivanje (EN 17446:2021)
Fire extinguishing systems in commercial kitchens – System design, documentation, and test requirements (EN 17446:2021)

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

HRN EN 703:2021 en pr
Poljoprivredna mehanizacija – Sigurnost – Strojevi za utovar, miješanje i/ili sjeckanje i raspodjelu silaže (EN 703:2021)
Agricultural machinery – Safety – Silage loading, mixing and/or chopping and distributing machines (EN 703:2021)

HZN/TO 28, Naftni proizvodi i maziva

HRN EN 15199-4:2021 en pr
Naftni proizvodi – Određivanje područja vrenja metodom plinske kromatografije – 4. dio: Lagane frakcije sirove nafte (EN 15199-4:2021)
Petroleum products – Determination of boiling range distribution by gas chromatography method – Part 4: Light fractions of crude oil (EN 15199-4:2021)

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

HRN EN 1397:2021 en pr
Izmjenjivači topline – Sobni ventilokonvektori voda-zrak – Postupci ispitivanja za utvrđivanje radnih značajka (EN 1397:2021)
Heat exchangers – Hydronic room fan coil units – Test procedures for establishing the performance (EN 1397:2021)

HZN/TO 120, Koža i obuća

HRN EN ISO 10195:2021 en pr
Koža – Kemijsko određivanje sadržaja kroma (VI) u koži – Predobrada starenjem pod utjecajem topline i određivanje šesterovalentnog kroma (ISO 10195:2018; EN ISO 10195:2021)
Leather – Chemical determination of chromium(VI) content in leather – Thermal pre-ageing of leather and determination of hexavalent chromium (ISO 10195:2018; EN ISO 10195:2021)

HRN EN ISO 22517:2021 en pr
Koža – Kemijska ispitivanja – Određivanje sadržaja ostatka pesticida (ISO 22517:2019; EN ISO 22517:2021)
Leather – Chemical tests – Determination of pesticide residues content (ISO 22517:2019; EN ISO 22517:2021)

HZN/TO 147, Kvaliteta vode

HRN EN ISO 21676:2021 en pr
Kvaliteta vode – Određivanje otopljenog dijela odabranih aktivnih farmaceutskih sastojaka, produkata transformacije i drugih organskih tvari u vodi i obrađenoj otpadnoj vodi – Metoda tekućinske kromatografije visoke djelotvornosti uz detekciju spektrometrijom masa (HPLC-MS/MS ili -HRMS) nakon direktnog injektiranja (ISO 21676:2018; EN ISO 21676:2021)
Water quality – Determination of the dissolved fraction of selected active pharmaceutical ingredients, transformation products and other organic substances in water and treated waste water – Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) after direct injection (ISO 21676:2018; EN ISO 21676:2021)

HZN/TO 182, Geotehničke konstrukcije

HRN EN 16907-7:2021 en pr
Zemljani radovi – 7. dio: Hidrauličko nasipavanje mineralnog otpada (EN 16907-7:2021)
Earthworks – Part 7: Hydraulic placement of extractive waste (EN 16907-7:2021)

HRN EN ISO 17892-12:2018/A1:2021 en pr
Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 12. dio: Određivanje granice tečenja i granice plastičnosti (ISO 17892-12:2018/Amd 1:2021; EN ISO 17892-12:2018/A1:2021)
Geotechnical investigation and testing – Laboratory testing of soil – Part 12: Determination of liquid and plastic limits (ISO 17892-12:2018/Amd 1:2021; EN ISO 17892-12:2018/A1:2021)

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14021:2016/A1:2021 en pr
Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling) – Amendment 1: Carbon footprint, carbon neutral (ISO 14021:2016/Amd 1:2021; EN ISO 14021:2016/A1:2021)

HRN EN ISO 14031:2021 en pr
Upravljanje okolišem – Vrednovanje utjecaja na okoliš – Smjernice (ISO 14031:2021; EN ISO 14031:2021)
Environmental management – Environmental performance evaluation – Guidelines (ISO 14031:2021; EN ISO 14031:2021)

HZN/TO 215, Zdravstvena informatika

HRS CEN ISO/TS 82304-2:2021 en pr
Programska podrška u zdravstvu – 2. dio: Aplikacije za zdravlje i boljitak – Kvaliteta i pouzdanost (ISO/TS 82304-2:2021; CEN ISO/TS 82304-2:2021)
Health software – Part 2: Health and wellness apps – Quality and reliability (ISO/TS 82304-2:2021; CEN ISO/TS 82304-2:2021)

HZN/TO 217, Kozmetika

HRN EN ISO 21392:2021 en pr
Kozmetika – Analitičke metode – Određivanje tragova teških metala u kozmetici ICP/MS tehnikom (ISO 21392:2021; EN ISO 21392:2021)
Cosmetics – Analytical methods – Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique (ISO 21392:2021; EN ISO 21392:2021)

HZN/TO 221, Geosintetici

HRN EN 12447:2021 en pr
Geotekstili i proizvodi srođni s geotekstilom – Selektivna metoda ispitivanja za određivanje otpornosti na hidrolizu u vodi (EN 12447:2021)
Geotextiles and geotextile-related products – Screening test method for determining the resistance to hydrolysis in water (EN 12447:2021)

HZN/TO 228, Usluge u turizmu

HRN EN ISO 18513:2021 en pr
Usluge u turizmu – Hoteli i druge vrste turističkog smještaja – Terminološki rječnik (ISO 18513:2021; EN ISO 18513:2021)
Tourism services – Hotels and other types of tourism accommodation – Vocabulary (ISO 18513:2021; EN ISO 18513:2021)

HZN/TO 502, Plinski uređaji

HRN EN 13611:2019/Ispr.1:2021 en pr
Sigurnosni i regulirajući uređaji za plamenike i uređaje na plinska i/ili tekuća goriva – Opći zahtjevi (EN 13611:2019/AC:2021)
Safety and control devices for burners and appliances burning gaseous and/or liquid fuels – General requirements (EN 13611:2019/AC:2021)

HZN/TO 503, Metalni materijali

HRN EN 1706:2021 en pr
Aluminij i aluminijeve legure – Odjevci – Kemijski sastav i mehanička svojstva (EN 1706:2020+A1:2021)
Aluminium and aluminium alloys – Castings – Chemical composition and mechanical properties (EN 1706:2020+A1:2021)

HRN EN ISO 7668:2021 en pr
Anodizacija aluminija i aluminijevih legura – Mjerenje direktne refleksije i direktnog odsjaja prevlaka dobivenih anodnom oksidacijom pod kutovima od 20°, 45°, 60° ili 85° (ISO 7668:2021; EN ISO 7668:2021)
Anodizing of aluminium and its alloys – Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20°, 45°, 60° or 85° (ISO 7668:2021; EN ISO 7668:2021)

HRN EN 10253-2:2021 en pr
Cijevne spojnice za sučeljeno zavarivanje – 2. dio: Nelegirani i legirani feritni čelici s posebnim zahtjevima za ispitivanje (EN 10253-2:2021)
Butt-welding pipe fittings – Part 2: Non alloy and ferritic alloy steels with specific inspection requirements (EN 10253-2:2021)

HRN EN 10374:2021 en pr
Zavarene spojnice za prehrambenu i kemijsku industriju – T-komadi, koljena i redukcije za zavarivanje (EN 10374:2021)
Welded fittings for the food and chemical industries – Tees, bends and reducers for welding (EN 10374:2021)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 7539-9:2021 en pr
Korozija metala i legura – Ispitivanje korozije uz naprezanje – 9. dio: Priprema i uporaba uzoraka s pukotinom uz rastuće opterećenje ili pomak (ISO 7539-9:2021; EN ISO 7539-9:2021)
Corrosion of metals and alloys – Stress corrosion testing – Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement (ISO 7539-9:2021; EN ISO 7539-9:2021)

HZN/TO 517, Posebne vrste konstrukcija

HRN EN 15620:2021 en pr
Čelični nepokretni skladišni sustavi – Dopuštena odstupanja, deformacije i zračnost (slobodni prostor između elemenata) (EN 15620:2021)
Steel static storage systems – Tolerances, deformations and clearances (EN 15620:2021)

HZN/TO 528, Oprema za željeznice

HRN EN 16186-5:2021 en pr
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)

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

HRN EN 1756-1:2021 en pr
Stražnja dizala – Platformna dizala za ugradnju na vozilima na kotačima – Zahtjevi za sigurnost – 1. dio: Stražnje teretno dizalo (EN 1756-1:2021)
Tail lifts – Platform lifts for mounting on wheeled vehicles – Safety requirements – Part 1: Tail lifts for goods (EN 1756-1:2021)

HZN/TO 531, Plastika i guma

HRN EN ISO 4892-2:2013/A1:2021 en pr
Plastika – Metode izlaganja laboratorijskom izvoru svjetlosti – 2. dio: Ksenonske lučne lampe – Amandman 1: Klasifikacija filtera za dnevno svjetlo (ISO 4892-2:2013/Amd 1:2021; EN ISO 4892-2:2013/A1:2021)
Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps – Amendment 1: Classification of daylight filters (ISO 4892-2:2013/Amd 1:2021; EN ISO 4892-2:2013/A1:2021)

HRN EN ISO 13000-1:2021 en pr
Plastika – Politetrafluoretilenski (PTFE) polugotovi proizvodi – 1. dio: Zahtjevi i označavanje (ISO 13000-1:2021; EN ISO 13000-1:2021)
Plastics – Polytetrafluoroethylene (PTFE) semi-finished products – Part 1: Requirements and designation (ISO 13000-1:2021; EN ISO 13000-1:2021)

HRN EN ISO 13000-2:2021 en pr
Plastika – Politetrafluoretilenski (PTFE) polugotovi proizvodi – 2. dio: Priprema ispitaka i određivanje svojstava (ISO 13000-2:2021; EN ISO 13000-2:2021)
Plastics – Polytetrafluoroethylene (PTFE) semi-finished products – Part 2: Preparation of test specimens and determination of properties (ISO 13000-2:2021; EN ISO 13000-2:2021)

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

HRN EN 16759:2021 en pr
Ostakljivanje vrata, prozora i ovješanih fasada lijepljenjem – Provjera mehaničkih svojstava lijepljenja na površinama aluminija i čelika (EN 16759:2021)
Bonded glazing for doors, windows and curtain walling – Verification of mechanical performance of bonding on aluminium and steel surfaces (EN 16759:2021)

HRN EN 17490:2021 en pr
Određivanje nosivosti samoreznih vijaka na izvlačenje iz profiliranih utora (EN 17490:2021)
Determination of screw pull out forces from screw thread channels (EN 17490:2021)

HZN/TO 539, Kemijski dezinficijensi i antiseptici

HRN EN 12353:2021 en pr
Kemijski dezinficijensi i antiseptici – Čuvanje sojeva mikroorganizama koji se upotrebljavaju u određivanju bakteriocidne (uključujući Legionellu), mikobakteriocidne, sporocidne, fungicidne i virucidne (uključujući bakteriofage) djelotvornosti (EN 12353:2021)
Chemical disinfectants and antiseptics – Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporocidal, fungicidal and virucidal (including bacteriophages) activity (EN 12353:2021)

HRN EN 17387:2021 en pr
Kemijski dezinficijensi i antiseptici – Kvantitativni test za procjenu bakteriocidne djelotvornosti i djelotvornosti na kvasce u medicini na neporoznim površinama bez mehaničkog djelovanja – Metoda ispitivanja i zahtjevi (faza 1, korak 2) (EN 17387:2021)
Chemical disinfectants and antiseptics – Quantitative test for the evaluation of bactericidal and yeasticidal and/or fungicidal activity of chemical disinfectants in the medical area on non-porous surfaces without mechanical action – Test method and requirements (phase 2, step 2) (EN 17387:2021)

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

HRN EN ISO 11855-1:2021 en pr
Projektiranje unutrašnjosti zgrada – Ugradbeni sustavi grijanja i hlađenja zračenjem – 1: dio: Definicije, oznake i kriteriji toplinske ugodnosti (ISO 11855-1:2021; EN ISO 11855-1:2021)
Building environment design – Embedded radiant heating and cooling systems – Part 1: Definitions, symbols, and comfort criteria (ISO 11855-1:2021; EN ISO 11855-1:2021)

HRN EN ISO 11855-3:2021 en pr
Projektiranje unutrašnjosti zgrada – Ugradbeni sustavi grijanja i hlađenja zračenjem – 3: dio: Projektiranje i dimenzioniranje (ISO 11855-3:2021; EN ISO 11855-3:2021)
Building environment design – Embedded radiant heating and cooling systems – Part 3: Design and dimensioning (ISO 11855-3:2021; EN ISO 11855-3:2021)

HRN EN ISO 11855-4:2021 en pr
Projektiranje unutrašnjosti zgrada – Ugradbeni sustavi grijanja i hlađenja zračenjem – 4: dio: Dimenzioniranje i proračun dinamičkog toplinskog i rashladnog učinka termoaktivnih sustava zgrada (TABS) (ISO 11855-4:2021; EN ISO 11855-4:2021)
Building environment design – Embedded radiant heating and cooling systems – Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO 11855-4:2021; EN ISO 11855-4:2021)

HRN EN ISO 11855-5:2021 en pr
Projektiranje unutrašnjosti zgrada – Ugradbeni sustavi grijanja i hlađenja zračenjem – 5: dio: Ugradnja (ISO 11855-5:2021; EN ISO 11855-5:2021)
Building environment design – Embedded radiant heating and cooling systems – Part 5: Installation (ISO 11855-5:2021; EN ISO 11855-5:2021)

HRN EN ISO 12759-5:2021 en pr
Ventilatori – Razredba učinkovitosti ventilatora – 5. dio: Impulsni ventilatori (ISO 12759-5:2021; EN ISO 12759-5:2021)
Fans – Efficiency classification for fans – Part 5: Jet fans (ISO 12759-5:2021; EN ISO 12759-5:2021)

HRN EN 14908-8:2021 en pr
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni upravljački protokol – 8. dio: Širokopolasna komunikacija elektroenergetskom mrežom pomoću internetskih protokola (EN 14908-8:2021)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 8: Communication using Broadband over Power Line Networks – With internet protocols (EN 14908-8:2021)

HRN EN 14908-9:2021 en pr
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni upravljački protokol – 9. dio: Bežična komunikacija u ISM pojasu (EN 14908-9:2021)
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 9: Wireless Communication in ISM bands (EN 14908-9:2021)

HRN EN 17281:2021 en pr
Sigurnosni zahtjevi – Oprema za čišćenje vozila (EN 17281:2021)
Safety requirements – Vehicle cleaning equipment (EN 17281:2021)

HRN EN 17415-2:2021 en pr
Cijevi za daljinsko hlađenje – Povezani cijevni sustavi za direktno ukopane mreže za hladnu vodu – 2. dio: Tvornički izrađeni sklopovi spojnih elemenata od čeličnih ili plastičnih cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice (EN 17415-2:2021)
District cooling pipes – Bonded single pipe systems for directly buried cold water networks – Part 2: Factory made fitting assemblies of steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene (EN 17415-2:2021)

HRN EN 17415-3:2021 en pr
Cijevi za daljinsko hlađenje – Povezani cijevni sustavi za direktno ukopane mreže za hladnu vodu – 3. dio: Tvornički izrađeni sklop od čeličnog zapornog elementa za čelične ili plastične cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice (EN 17415-3:2021)
District cooling pipes – Bonded single pipe systems for directly buried cold water networks – Part 3: Factory made steel valve assembly for steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene (EN 17415-3:2021)

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 17543:2021 en pr
Očuvanje kulturne baštine – Završne obloge u graditeljskoj baštini – Istraživanje i dokumentiranje (EN 17543:2021)
Conservation of Cultural Heritage – Finishes of built heritage – Investigation and documentation (EN 17543:2021)

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 12464-1:2021 en pr
Svjetlo i rasvjeta – Rasvjeta radnih mjesta – 1. dio: Unutrašnji radni prostori (EN 12464-1:2021)
Light and lighting – Lighting of work places – Part 1: Indoor work places (EN 12464-1:2021)

HZN/TO 551, Gradnja

HRN EN 15804:2019/Ispr.1:2021 en pr
Održivost građevina – Izjave o utjecaju proizvoda na okoliš – Osnovna pravila za kategorizaciju građevinskih proizvoda (EN 15804:2012+A2:2019/AC:2021)
Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products (EN 15804:2012+A2:2019/AC:2021)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 6717:2021 en pr
Medicinski proizvodi za in vitro dijagnostiku – Jednokratni spremnici za skupljanje uzoraka koji potječu od ljudi, osim krvi (ISO 6717:2021; EN ISO 6717:2021)
In vitro diagnostic medical devices – Single-use containers for the collection of specimens from humans other than blood (ISO 6717:2021; EN ISO 6717:2021)

HRN EN ISO 13485:2016/A11:2021 en pr
Medicinski uređaji – Sustavi upravljanja kvalitetom – Zahtjevi za zakonsku namjenu (EN ISO 13485:2016/A11:2021)
Medical devices – Quality management systems – Requirements for regulatory purposes (EN ISO 13485:2016/A11:2021)

HRN EN ISO 15883-5:2021 en pr
Uređaji za pranje i dezinfekciju – 5. dio: Izvedbeni zahtjevi i metode ispitivanja za prikaz učinkovitosti čišćenja (ISO 15883-5:2021; EN ISO 15883-5:2021)
Washer disinfectors – Part 5: Performance requirements and test method criteria for demonstrating cleaning efficacy (ISO 15883-5:2021; EN ISO 15883-5:2021)

HRN EN ISO 17664-1:2021 en pr
Postupci za proizvode zdravstvene zaštite – Informacije za obradu medicinskih proizvoda koje daje proizvođač medicinskih proizvoda – 1. dio: Invazivni i poluinvazivni medicinski proizvodi (ISO 17664-1:2021; EN ISO 17664-1:2021)
Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices – Part 1: Critical and semi-critical medical devices (ISO 17664-1:2021; EN ISO 17664-1:2021)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 5470-2:2021 en pr
Plošni tekstil naslojen gumom ili plastikom – Određivanje otpornosti na habanje – 2. dio: Habalica po Martindaleu (ISO 5470-2:2021; EN ISO 5470-2:2021)
Rubber- or plastics-coated fabrics – Determination of abrasion resistance – Part 2: Martindale abrader (ISO 5470-2:2021; EN ISO 5470-2:2021)

HRN EN ISO 30023:2021 en pr
Tekstil – Odgovarajući simboli za označavanje radne odjeće koja se pere u industrijskim praonicama (ISO 30023:2021; EN ISO 30023:2021)
Textiles – Qualification symbols for labelling workwear to be industrially laundered (ISO 30023:2021; EN ISO 30023:2021)

HZN/TO 562, Alatni strojevi i alati

HRN EN ISO 19085-17:2021 en pr
Strojevi za obradu drva – Sigurnost – 17. dio: Strojevi za lijepljenje bridova pogonjeni lancima (ISO 19085-17:2021; EN ISO 19085-17:2021)
Woodworking machines – Safety – Part 17: Edge banding machines fed by chains (ISO 19085-17:2021; EN ISO 19085-17:2021)

HZN/TO 563, Sigurnost strojeva

HRN EN 12331:2021 en pr
Strojevi za preradu hrane – Strojevi za mljevenje – Sigurnosni i higijenski zahtjevi (EN 12331:2021)
Food processing machinery – Mincing machines – Safety and hygiene requirements (EN 12331:2021)

HRN EN 17443:2021 en pr
Oprema za zimsku službu – Sustavi za proizvodnju slane vode – Zahtjevi i metode ispitivanja (EN 17443:2021)
Winter service equipment – Brine production systems – Requirements and test methods (EN 17443:2021)

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

HRN EN ISO 6888-1:2021 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda određivanja broja koagulaza-pozitivnih stafilocoka (*Staphylococcus aureus* i ostale vrste) – 1. dio: Postupak primjene Baird-Parkerove hranjive podloge na agaru (ISO 6888-1:2021; EN ISO 6888-1:2021)
Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) – Part 1: Technique using Baird-Parker agar medium (ISO 6888-1:2021; EN ISO 6888-1:2021)

HRN EN ISO 6888-2:2021 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda određivanja broja koagulaza-pozitivnih stafilocoka (*Staphylococcus aureus* i ostale vrste) – 2. dio: Postupak primjene agara s fibrinogenom plazme kunića (ISO 6888-2:2021; EN ISO 6888-2:2021)
Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) – Part 2: Technique using rabbit plasma fibrinogen agar medium (ISO 6888-2:2021; EN ISO 6888-2:2021)

HRN EN 17521:2021 en pr
Hrana – Određivanje Alternaria toksina u rajčici, pšenici i sjemenkama suncokreta pročišćavanjem pomoću SPE i tehnikom HPLC-MS/MS (EN 17521:2021)
Foodstuffs – Determination of Alternaria toxins in tomato, wheat and sunflower seeds by SPE clean-up and HPLC-MS/MS (EN 17521:2021)

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

HRN EN ISO 22940:2021 en pr
Kruta oporabljena goriva – Određivanje elementarnog sastava fluorescencijom rendgenskog zračenja (ISO 22940:2021; EN ISO 22940:2021)
Solid recovered fuels – Determination of elemental composition by X-ray fluorescence (ISO 22940:2021; EN ISO 22940:2021)

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

HRN EN 15935:2021 en pr
Muljevi, obrađeni biootpad, tlo i otpad – Određivanje gubitka žarenjem (EN 15935:2021)
Sludge, treated biowaste, soil and waste – Determination of loss on ignition (EN 15935:2021)

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

HRN EN IEC 62056-3-1:2021 en pr
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM – Dio 3-1: Uporaba upletenim paricama izvedenih lokalnih mreža sa nositeljem signala (IEC 62056-3-1:2021; EN IEC 62056-3-1:2021)
Electricity metering data exchange – The DLMS/COSEM suite – Part 3-1: Use of local area networks on twisted pair with carrier signalling (IEC 62056-3-1:2021; EN IEC 62056-3-1:2021)

HZN/TO E14, Energetski transformatori

HRN EN 50708-2-5:2021 en pr
Energetski transformatori – Dodatni europski zahtjevi – Dio 2-5: Srednji energetski transformatori – Monofazni (EN 50708-2-5:2021)
Power transformers – Additional European requirements – Part 2-5: Medium power transformer – Single phase (EN 50708-2-5:2021)

HRN EN IEC 60076-22-8:2021 en pr
Energetski transformatori – Dio 22-8: Oprema za energetske transformatore i prigušnice – Uređaji pogodni za primjenu u komunikacijskim mrežama (IEC 60076-22-8:2021; EN IEC 60076-22-8:2021)
Power transformers – Part 22-8: Power transformer and reactor fittings – Devices suitable for use in communication networks (IEC 60076-22-8:2021; EN IEC 60076-22-8:2021)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 62271-100:2021 en pr
Visokonaponska sklopna aparatura – 100. dio: Prekidači izmjenične struje (IEC 62271-100:2021; EN IEC 62271-100:2021)
High-voltage switchgear and controlgear – Part 100: Alternating current circuit-breakers (IEC 62271-100:2021; EN IEC 62271-100:2021)

HRN EN IEC 62271-112:2021 en pr
Visokonaponska sklopna aparatura – 112. dio: Brzi zemljospojnici izmjenične struje za otklanjanje sekundarnog luka na dalekovodima (IEC 62271-112:2021; EN IEC 62271-112:2021)
High-voltage switchgear and controlgear – Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines (IEC 62271-112:2021; EN IEC 62271-112:2021)

HRN EN IEC 62271-213:2021 en pr
Visokonaponska sklopna aparatura – 213. dio: Sustav detekcije i indikacije napona (IEC 62271-213:2021; EN IEC 62271-213:2021)
High-voltage switchgear and controlgear – Part 213: Voltage detecting and indicating system (IEC 62271-213:2021; EN IEC 62271-213:2021)

HRN EN IEC 62271-215:2021 en pr
Visokonaponska sklopna aparatura – 215. dio: Fazni komparator koji se upotrebljava sa sustavom detekcije i indikacije napona (VDIS) (IEC 62271-215:2021; EN IEC 62271-215:2021)
High-voltage switchgear and controlgear – Part 215: Phase comparator used with VDIS (IEC 62271-215:2021; EN IEC 62271-215:2021)

HZN/TO E23, Električni instalacijski pribor

HRN EN 60898-2:2021 en pr
Električni pribor – Prekidači za nadstrujnu zaštitu za kućanstvo i slične instalacije – 2. dio: Prekidači za rad s izmjeničnom i istosmjernom strujom (IEC 60898-2:2016, MOD; EN 60898-2:2021)
Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations – Part 2: Circuit-breakers for a.c. and d.c. operation (IEC 60898-2:2016, MOD; EN 60898-2:2021)

HRN EN IEC 61316:2021 en pr
Industrijske namatalice kabela (IEC 61316:2021; EN IEC 61316:2021)
Industrial cable reels (IEC 61316:2021; EN IEC 61316:2021)

HRN EN 62423:2012/Ispr.1:2021 en pr
Strujne zaštitne sklopke tip F i tip B sa i bez združene nadstrujne zaštite za kućanstvo i slične primjene (IEC 62423:2009/Corr.2:2021; EN 62423:2012/AC:2021)
Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses (IEC 62423:2009/Corr.2:2021; EN 62423:2012/AC:2021)

HRN EN IEC 63052:2021 en pr
Uređaj za zaštitu od prenapona energetske frekvencije za kućanstvo i slične primjene (POP) (IEC 63052:2019; EN IEC 63052:2021)
Power frequency overvoltage protective devices (POPs) for household and similar applications (IEC 63052:2019; EN IEC 63052:2021)

HZN/TO E38, Mjerni transformatori

HRN EN IEC 61869-13:2021 en pr
Mjerni transformatori – 13. dio: Neovisna akvizicijska jedinica (IEC 61869-13:2021; EN IEC 61869-13:2021)
Instrument transformers - Part 13: Stand-alone merging unit (SAMU) (IEC 61869-13:2021; EN IEC 61869-13:2021)

HZN/TO E45, Nuklearna instrumentacija

HRN EN IEC 61226:2021 en pr
Nuklearne elektrane – Instrumentacija, upravljanje i električni sustavi za napajanje važni za sigurnost – Kategorizacija funkcija i klasifikacija sustava (IEC 61226:2020; EN IEC 61226:2021)
Nuclear power plants – Instrumentation, control and electrical power systems important to safety – Categorization of functions and classification of systems (IEC 61226:2020; EN IEC 61226:2021)

HRN EN IEC/IEEE 62582-6:2021 en pr
Nuklearne elektrane – Instrumentacija i upravljanje važni za sigurnost – Metode praćenja stanja električne opreme – 6. dio: Otpornost izolacije (IEC/IEEE 62582-6:2019; EN IEC/IEEE 62582-6:2021)
Nuclear power plants – Instrumentation and control important to safety – Electrical equipment condition monitoring methods – Part 6: Insulation resistance (IEC/IEEE 62582-6:2019; EN IEC/IEEE 62582-6:2021)

HRN EN IEC 62855:2021 en pr
Nuklearne elektrane – Električni sustavi za napajanje – Analiza električnih sustava za napajanje (IEC 62855:2016; EN IEC 62855:2021)
Nuclear power plants – Electrical power systems – Electrical power systems analysis (IEC 62855:2016; EN IEC 62855:2021)

HRN EN IEC 62954:2021 en pr
Nuklearne elektrane – Kontrolne sobe – Zahtjevi za objekte za reagiranje u hitnim situacijama (IEC 62954:2019; EN IEC 62954:2021)
Nuclear power plants – Control rooms – Requirements for emergency response facilities (IEC 62954:2019; EN IEC 62954:2021)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-2-87:2020/A1:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-87: Posebni zahtjevi za opremu za omamljivanje životinji (IEC 60335-2-87:2016/am1:2018; EN IEC 60335-2-87:2020/A1:2021)
Household and similar electrical appliances – Safety – Part 2-87: Particular requirements for electrical animal-stunning equipment (IEC 60335-2-87:2016/am1:2018; EN IEC 60335-2-87:2020/A1:2021)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60601-1-10:2008/A2:2021 en pr
Medicinska električna oprema – Dio 1-10: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Zahtjevi za razvoj fizioloških kontrolera u zatvorenoj petlji (IEC 60601-1-10:2007/am2:2020; EN 60601-1-10:2008/A2:2021)
Medical electrical equipment – Part 1-10: General requirements for basic safety and essential performance – Collateral Standard: Requirements for the development of physiologic closed-loop controllers (IEC 60601-1-10:2007/am2:2020; EN 60601-1-10:2008/A2:2021)

HRN EN 60601-1-11:2015/A1:2021 en pr
Medicinska električna oprema – Dio 1-11: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Zahtjevi za medicinsku električnu opremu i medicinske električne sustave za uporabu u kućnoj zdravstvenoj njezi (IEC 60601-1-11:2015/am1:2020; EN 60601-1-11:2015/A1:2021)
Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment (IEC 60601-1-11:2015/am1:2020; EN 60601-1-11:2015/A1:2021)

HRN EN 60601-1-6:2011/A2:2021 en pr
Medicinska električna oprema – Dio 1-6: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Upotrebljivost (IEC 60601-1-6:2010/am2:2020; EN 60601-1-6:2010/A2:2021)
Medical electrical equipment – Part 1-6: General requirements for basic safety and essential performance – Collateral standard: Usability (IEC 60601-1-6:2010/am2:2020; EN 60601-1-6:2010/A2:2021)

HRN EN 60601-1-8:2009/A2:2021 en pr
Medicinska električna oprema – Dio 1-8: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Opći zahtjevi, ispitivanja i smjernice za alarmne sustave u medicinskoj električnoj opremi i medicinskim električnim sustavima (IEC 60601-1-8:2006/am2:2020; EN 60601-1-8:2007/A2:2021)
Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems (IEC 60601-1-8:2006/am2:2020; EN 60601-1-8:2007/A2:2021)

HRN EN IEC 60601-2-1:2021 en pr
Medicinska električna oprema – Dio 2-1: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke elektronskih akceleratora u području od 1 MeV do 50 MeV (IEC 60601-2-1:2020; EN IEC 60601-2-1:2021)
Medical electrical equipment – Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV (IEC 60601-2-1:2020; EN IEC 60601-2-1:2021)

HRN EN IEC 60601-2-19:2021 en pr
Medicinska električna oprema – Dio 2-19: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke inkubatora za novorođenčad (IEC 60601-2-19:2020; EN IEC 60601-2-19:2021)
Medical electrical equipment – Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators (IEC 60601-2-19:2020; EN IEC 60601-2-19:2021)

HRN EN IEC 60601-2-21:2021 en pr
Medicinska električna oprema – Dio 2-21: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke za grijače novorođenčadi koji griju zračenjem (IEC 60601-2-21:2020; EN IEC 60601-2-21:2021)
Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers (IEC 60601-2-21:2020; EN IEC 60601-2-21:2021)

HRN EN IEC 60601-2-35:2021 en pr
Medicinska električna oprema – Dio 2-35: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za grijanje koji upotrebljavaju pokrivače, jastuke i madrace, a namijenjeni su za grijanje u medicinske svrhe (IEC 60601-2-35:2020; EN IEC 60601-2-35:2021)
Medical electrical equipment – Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use (IEC 60601-2-35:2020; EN IEC 60601-2-35:2021)

HRN EN IEC 60601-2-50:2021 en pr
Medicinska električna oprema – Dio 2-50: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke opreme za fototerapiju novorođenčadi (IEC 60601-2-50:2020; EN IEC 60601-2-50:2021)
Medical electrical equipment – Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment (IEC 60601-2-50:2020; EN IEC 60601-2-50:2021)

HRN EN 62563-1:2011/A2:2021 en pr
Medicinska električna oprema – Sustavi za predočivanje medicinskih slika – 1. dio: Postupci vrednovanja (IEC 62563-1:2009/am2:2021; EN 62563-1:2010/A2:2021)
Medical electrical equipment – Medical image display systems – Part 1: Evaluation methods (IEC 62563-1:2009/am2:2021; EN 62563-1:2010/A2:2021)

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

HRN HD 60364-8-2:2018/A12:2021 en pr
Niskonaponske električne instalacije – Dio 8-2: Niskonaponske električne instalacije potrošača-proizvođača (HD 60364-8-2:2018/A12:2021)
Low-voltage electrical installations – Part 8-2: Prosumer's low-voltage electrical installations (HD 60364-8-2:2018/A12:2021)

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

HRI CLC IEC/TR 62541-1:2021 en pr
OPC objedinjena arhitektura – 1. dio: Pregled i koncepcije (IEC/TR 62541-1:2020; CLC IEC/TR 62541-1:2021)
OPC unified architecture – Part 1: Overview and concepts (IEC/TR 62541-1:2020; CLC IEC/TR 62541-1:2021)

HRI CLC IEC/TR 62541-2:2021 en pr
OPC objedinjena arhitektura – 2. dio: Sigurnosni model (IEC/TR 62541-2:2020; CLC IEC/TR 62541-2:2021)
OPC unified architecture – Part 2: Security Model (IEC/TR 62541-2:2020; CLC IEC/TR 62541-2:2021)

HZN/TO E78, Rad pod naponom

HRN EN IEC 61318:2021 en pr
Rad pod naponom – Metode za procjenu nepravilnosti i verifikacija značajki primjenjiva na alat, uređaje i opremu (IEC 61318:2021; EN IEC 61318:2021)
Live working – Methods for assessment of defects and verification of performance applicable to tools, devices and equipment (IEC 61318:2021; EN IEC 61318:2021)

HZN/TO E80, Pomorska navigacijska i radiokomunikacijska oprema i sustavi

HRN EN 61996-1:2013/A1:2021 en pr
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Brodski zapisivač podataka o putovanju (VDR) – 1. dio: Izvedbeni zahtjevi, metode ispitivanja i zahtijevani rezultati ispitivanja (IEC 61996-1:2013/am1:2021; EN 61996-1:2013/A1:2021)
Maritime navigation and radiocommunication equipment and systems – Shipborne voyage data recorder (VDR) – Part 1: Performance requirements, methods of testing and required test results (IEC 61996-1:2013/am1:2021; EN 61996-1:2013/A1:2021)

HRN EN IEC 63173-1:2021 en pr
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Podatkovno sučelje – 1. dio: Plan plovidbene rute S-421 temeljen na S-100 (IEC 63173-1:2021; EN IEC 63173-1:2021)
Maritime navigation and radiocommunication equipment and systems – Data interface – Part 1: S-421 route plan based on S-100 (IEC 63173-1:2021; EN IEC 63173-1:2021)

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

HRN EN IEC 61936-1:2021 en pr
Električna postrojenja nazivnih izmjeničnih napona iznad 1 kV izmjenično i 1,5 kV istosmjerno – 1. dio: Izmjenično (IEC 61936-1:2021; EN IEC 61936-1:2021)
Power installations exceeding 1 kV AC and 1,5 kV DC – Part 1: AC (IEC 61936-1:2021; EN IEC 61936-1:2021)

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

HRN EN IEC 63002:2021 en pr
Specifikacije interoperabilnosti i metoda komunikacije vanjskih izvora napajanja korištenih kod računala i uređaja potrošačke elektronike (TA 18) (IEC 63002:2021; EN IEC 63002:2021)
Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices (TA 18) (IEC 63002:2021; EN IEC 63002:2021)

HRN EN IEC 63296-1:2021 en pr
Prijenosna multimedijaska oprema – Određivanje trajanja baterije – 1. dio: Zvučnici s vlastitim napajanjem (IEC 63296-1:2021; EN IEC 63296-1:2021)
Portable multimedia equipment – Determination of battery duration – Part 1: Powered loudspeaker equipment (IEC 63296-1:2021; EN IEC 63296-1:2021)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRI CLC/TR 50600-99-1:2021 en pr
Informacijska tehnologija – Sredstva i infrastruktura podatkovnih centara – Dio 99-1: Preporučene prakse upravljanja energijom (CLC/TR 50600-99-1:2021)
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management (CLC/TR 50600-99-1:2021)

HRI CLC/TR 50600-99-2:2021 en pr
Informacijska tehnologija – Sredstva i infrastruktura podatkovnih centara – Dio 99-2: Preporučene prakse za okolišnu održivost (CLC/TR 50600-99-2:2021)
Information technology – Data centre facilities and infrastructures – Part 99-2: Recommended practices for environmental sustainability (CLC/TR 50600-99-2:2021)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 192 V1.7.1:2021 en pr
Digitalna videodifuzija (DVB) – DVB specifikacija za radijski prijenos podataka (EN 301 192 V1.7.1:2021)
Digital Video Broadcasting (DVB) – DVB specification for data broadcasting (EN 301 192 V1.7.1:2021)

HRN EN 302 326-2 V2.1.1:2021 en pr
Nepokretni radijski sustavi – Oprema i antene u sustavu više točaka – 2. dio: Harmonizirana norma za pristup radijskom spektru (EN 302 326-2 V2.1.1:2021)
Fixed Radio Systems – Multipoint Equipment and Antennas – Part 2: Harmonised Standard for access to radio spectrum (EN 302 326-2 V2.1.1:2021)

HRN EN 302 326-3 V2.1.1:2021 en pr
Nepokretni radijski sustavi – Oprema i antene u sustavu više točaka – 3. dio: Antene u sustavu više točaka (EN 302 326-3 V2.1.1:2021)
Fixed Radio Systems – Multipoint Equipment and Antennas – Part 3: Multipoint Antennas (EN 302 326-3 V2.1.1:2021)

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRS ISO/IEC TS 17021-8:2021 en pr
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja – 8. dio: Zahtjevi osposobljenosti za auditiranje i certifikaciju sustava upravljanja za održivi razvoj u zajednicama (ISO/IEC TS 17021-8:2019)
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 8: Competence requirements for auditing and certification of management systems for sustainable development in communities (ISO/IEC TS 17021-8:2019)

HRS ISO/IEC TS 17021-11:2021 en pr
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja – 11. dio: Zahtjevi osposobljenosti za auditiranje i certifikaciju sustava upravljanja postrojenjima (FM) (ISO/IEC TS 17021-11:2018)
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 11: Competence requirements for auditing and certification of facility management (FM) management systems (ISO/IEC TS 17021-11:2018)

HRS ISO/IEC TS 17021-12:2021 en pr
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja – 12. dio: Zahtjevi osposobljenosti za auditiranje i certifikaciju sustava suradničkih upravljanja poslovnim odnosima (ISO/IEC TS 17021-12:2020)
Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 12: Competence requirements for auditing and certification of collaborative business relationship management systems (ISO/IEC TS 17021-12:2020)

HRS ISO/IEC TS 17023:2021 en pr
Ocjenjivanje sukladnosti – Smjernice za određivanje trajanja certifikacijskog audita sustava upravljanja (ISO/IEC TS 17023:2013)
Conformity assessment – Guidelines for determining the duration of management system certification audits (ISO/IEC TS 17023:2013)

HRI ISO/IEC TR 17026:2021 en pr
Ocjenjivanje sukladnosti – Primjer certifikacijske sheme za materijalne proizvode (ISO/IEC TR 17026:2015)
Conformity assessment – Example of a certification scheme for tangible products (ISO/IEC TR 17026:2015)

HRS ISO/IEC TS 17027:2021 en pr
Ocjenjivanje sukladnosti – Rječnik vezan za osposobljenost osoba koji se koristi za certifikaciju osoba (ISO/IEC TS 17027:2014)
Conformity assessment – Vocabulary related to competence of persons used for certification of persons (ISO/IEC TS 17027:2014)

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

- HRN EN 17539:2021 en pr
Modularne podne obloge s mehaničkim spajanjem (MMF) – Određivanje geometrijskih svojstava (EN 17539:2021)
Modular mechanical locked floor coverings (MMF) – Determination of geometrical characteristics (EN 17539:2021)

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

- HRN EN ISO 787-2:2021 en pr
Opće metode ispitivanja pigmentata i punila – 2. dio: Određivanje tvari hlapljivih na 105 °C (ISO 787-2:2021; EN ISO 787-2:2021)
General methods of test for pigments and extenders – Part 2: Determination of matter volatile at 105 °C (ISO 787-2:2021; EN ISO 787-2:2021)

- HRN EN ISO 13885-1:2021 en pr
Kromatografija na propusnom gelu (GPC) – 1. dio: Tetrahidrofur (THF) kao eluens (ISO 13885-1:2020; EN ISO 13885-1:2021)
Gel permeation chromatography (GPC) – Part 1: Tetrahydrofuran (THF) as eluent (ISO 13885-1:2020; EN ISO 13885-1:2021)

- HRN EN ISO 13885-2:2021 en pr
Kromatografija na propusnom gelu (GPC) – 2. dio: N,N-dimetilacetamid (DMAC) kao eluens (ISO 13885-2:2020; EN ISO 13885-2:2021)
Gel permeation chromatography (GPC) – Part 2: N,N-Dimethylacetamide (DMAC) as eluent (ISO 13885-2:2020; EN ISO 13885-2:2021)

- HRN EN ISO 13885-3:2021 en pr
Kromatografija na propusnom gelu (GPC) – 3. dio: Voda kao eluens (ISO 13885-3:2020; EN ISO 13885-3:2021)
Gel permeation chromatography (GPC) – Part 3: Water as eluent (ISO 13885-3:2020; EN ISO 13885-3:2021)

- HRN EN 17477:2021 en pr
Alge i proizvodi od algi – Identifikacija biomase mikroalgi, makroalgi, cijanobakterija i Labyrinthulomycetes – Dokazivanje i identifikacija morfološkim i/ili molekularnim metodama (EN 17477:2021)
Algae and algae products – Identification of the biomass of microalgae, macroalgae, cyanobacteria and Labyrinthulomycetes – Detection and identification with morphological and/or molecular methods (EN 17477:2021)

- HRN EN 17480:2021 en pr
Alge i proizvodi od alga – Metode određivanja produktivnosti rasta alga (EN 17480:2021)
Algae and algae products – Methods for the determination of productivity of algae growth sites (EN 17480:2021)

- HRN EN ISO 18363-4:2021 en pr
Životinjske i biljne masti i ulja – Određivanje kloropropanediola (MCPD) i glicidola vezanih na masne kiseline pomoću GC/MS-a – 4. dio: Metoda na temelju brze transesterifikacije lužinama i mjerenja 2-MCPD, 3-MCPD i glicidola pomoću GC-MS/MS (ISO 18363-4:2021; EN ISO 18363-4:2021)
Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 4: Method using fast alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol by GC-MS/MS (ISO 18363-4:2021; EN ISO 18363-4:2021)

- HRN EN ISO 22553-7:2021 en pr
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 7. dio: Električni otpor mokrog filma premaza (ISO 22553-7:2020; EN ISO 22553-7:2021)
Paints and varnishes – Electro-deposition coatings – Part 7: Electrical wet-film resistance (ISO 22553-7:2020; EN ISO 22553-7:2021)

- HRN EN ISO 22553-8:2021 en pr
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 8. dio: Gustoća električnog naboja (ISO 22553-8:2020; EN ISO 22553-8:2021)
Paints and varnishes – Electro-deposition coatings – Part 8: Electric charge density (ISO 22553-8:2020; EN ISO 22553-8:2021)

- HRN EN ISO 22553-9:2021 en pr
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 9. dio: Gubitak mase pri pečenju (ISO 22553-9:2020; EN ISO 22553-9:2021)
Paints and varnishes – Electro-deposition coatings – Part 9: Stoving loss (ISO 22553-9:2020; EN ISO 22553-9:2021)

- HRN EN ISO 22553-11:2021 en pr
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 11. dio: Stabilnost kupke (ISO 22553-11:2020; EN ISO 22553-11:2021)
Paints and varnishes – Electro-deposition coatings – Part 11: Bath stability (ISO 22553-11:2020; EN ISO 22553-11:2021)

- HRN EN ISO 22553-12:2021 en pr
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 12. dio: Taloženje na horizontalnim površinama (ISO 22553-12:2020; EN ISO 22553-12:2021)
Paints and varnishes – Electro-deposition coatings – Part 12: Sedimentation on horizontal areas (ISO 22553-12:2020; EN ISO 22553-12:2021)

HZN/TU I2, Strojstvo 2

- HRN EN ISO 10276:2021 en pr
Nuklearna energija – Tehnologija goriva – Sustavi nosača za transportne kontejnere za radioaktivne materijale (ISO 10276:2019; EN ISO 10276:2021)
Nuclear energy – Fuel technology – Trunnion systems for packages used to transport radioactive material (ISO 10276:2019; EN ISO 10276:2021)

- HRN EN ISO 16647:2021 en pr
Nuklearne instalacije – Kriteriji za dizajn i operaciju zatvorenih sustava za nuklearne radionosilce i za nuklearne instalacije pod dekomisijom (ISO 16647:2018; EN ISO 16647:2021)

- HRN EN ISO 18229:2021 en pr
Bitni tehnički zahtjevi za mehaničke komponente i metalne konstrukcije predviđene za nuklearne reaktore IV. generacije (ISO 18229:2018; EN ISO 18229:2021)
Essential technical requirements for mechanical components and metallic structures foreseen for Generation IV nuclear reactors (ISO 18229:2018; EN ISO 18229:2021)

- HRN EN ISO 18589-1:2021 en pr
Mjerenje radioaktivnosti u okolišu – Tlo – 1. dio: Opće smjernice i definicije (ISO 18589-1:2019; EN ISO 18589-1:2021)
Measurement of radioactivity in the environment – Soil – Part 1: General guidelines and definitions (ISO 18589-1:2019; EN ISO 18589-1:2021)

- HRN EN ISO 18589-4:2021 en pr
Mjerenje radioaktivnosti u okolišu – Tlo – 4. dio: Plutonij 238 i plutonij 239 + 240 – Metoda ispitivanja pomoću alfa spektrometrije (ISO 18589-4:2019; EN ISO 18589-4:2021)
Measurement of radioactivity in the environment – Soil – Part 4: Plutonium 238 and plutonium 239 + 240 – Test method using alpha spectrometry (ISO 18589-4:2019; EN ISO 18589-4:2021)

- HRN EN ISO 18589-5:2021 en pr
Mjerenje radioaktivnosti u okolišu – Tlo – 5. dio: Stroncij 90 – Metoda ispitivanja primjenom proporcionalnog brojanja ili tekućeg scintilacijskog brojanja (ISO 18589-5:2019; EN ISO 18589-5:2021)
Measurement of radioactivity in the environment – Soil – Part 5: Strontium 90 – Test method using proportional counting or liquid scintillation counting (ISO 18589-5:2019; EN ISO 18589-5:2021)

- HRN EN ISO 18589-6:2021 en pr
Mjerenje radioaktivnosti u okolišu – Tlo – 6. dio: Bruto alfa i bruto beta aktivnosti – Metoda ispitivanja primjenom proporcionalnog brojanja protoka plina (ISO 18589-6:2019; EN ISO 18589-6:2021)
Measurement of radioactivity in the environment – Soil – Part 6: Gross alpha and gross beta activities – Test method using gas-flow proportional counting (ISO 18589-6:2019; EN ISO 18589-6:2021)

- HRN EN ISO 20042:2021 en pr
Mjerenje radioaktivnosti – Radionuklidi koji emitiraju gama zračenje – Generička metoda ispitivanja pomoću spektrometrije gama zraka (ISO 20042:2019; EN ISO 20042:2021)
Measurement of radioactivity – Gamma-ray emitting radionuclides – Generic test method using gamma-ray spectrometry (ISO 20042:2019; EN ISO 20042:2021)

- HRN EN ISO 20785-4:2021 en pr
Dozimetrija za izlaganje kozmičkom zračenju u civilnim zrakoplovima – 4. dio: Validacija kodova (ISO 20785-4:2019; EN ISO 20785-4:2021)
Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 4: Validation of codes (ISO 20785-4:2019; EN ISO 20785-4:2021)

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

- HRN EN 16602-70-15:2021 en pr
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Pregled bez razaranja (EN 16602-70-15:2021)
Space product assurance – Non-destructive inspection (EN 16602-70-15:2021)
- HRN EN 16603-10-04:2021 en pr
Svemirsko inženjerstvo – Svemirska okolina (EN 16603-10-04:2021)
Space engineering – Space environment (EN 16603-10-04:2021)

HZN/TU U1, *Opća elektrotehnika 1*

- HRN EN IEC 60152:2021 en pr
Označivanje faznih pomaka satnim brojevima u trofaznim izmjeničnim sustavima (IEC 60152:2021; EN IEC 60152:2021)
Designation of phase differences by hour numbers in three-phase AC systems (IEC 60152:2021; EN IEC 60152:2021)
- HRN EN IEC 60404-6:2018/A1:2021 en pr
Magnetski materijali – 6. dio: Metode mjerenja magnetskih svojstava magnetski mekih metalnih i praškastih materijala na frekvencijama u rasponu od 20 Hz do 100 kHz uporabom prstenastih uzoraka (IEC 60404-6:2018/am1:2021; EN IEC 60404-6:2018/A1:2021)
Magnetic materials – Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens (IEC 60404-6:2018/am1:2021; EN IEC 60404-6:2018/A1:2021)
- HRN EN IEC 60404-11:2021 en pr
Magnetski materijali – 11. dio: Metode mjerenja površinskog otpora izolacije električne čelične trake i lima (IEC 60404-11:2021; EN IEC 60404-11:2021)
Magnetic materials – Part 11: Methods of measurement of the surface insulation resistance of electrical steel strip and sheet (IEC 60404-11:2021; EN IEC 60404-11:2021)
- HRN EN IEC 60445:2021 en pr
Osnovna i sigurnosna načela za sučelje čovjek-stroj, označivanje i identifikacija – Identifikacija priključaka opreme, krajeva vodiča i vodiča (IEC 60445:2021; EN IEC 60445:2021)
Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2021; EN IEC 60445:2021)
- HRN EN IEC 60695-4:2021 en pr
Ispitivanje opasnosti od požara – 4. dio: Nazivlje povezano s ispitivanjem požara kod elektrotehničkih proizvoda (IEC 60695-4:2021; EN IEC 60695-4:2021)
Fire hazard testing – Part 4: Terminology concerning fire tests for electrotechnical products (IEC 60695-4:2021; EN IEC 60695-4:2021)

HZN/TU V1, *Elektronika 1*

- HRN EN 50524:2021 en pr
Tehnički list za fotonaponske pretvarače (EN 50524:2021)
Data sheet for photovoltaic inverters (EN 50524:2021)
- HRN EN IEC 60068-2-21:2021 en pr
Ispitivanje utjecaja okoliša – Dio 2-21: Ispitivanja – U ispitivanje: Mehanička izdržljivost priključaka i sastavnih uređaja za ugradnju (IEC 60068-2-21:2021; EN IEC 60068-2-21:2021)
Environmental testing – Part 2-21: Tests – Test U: Robustness of terminations and integral mounting devices (IEC 60068-2-21:2021; EN IEC 60068-2-21:2021)
- HRN EN IEC 60384-1:2021 en pr
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 1. dio: Opća specifikacija (IEC 60384-1:2021; EN IEC 60384-1:2021)
Fixed capacitors for use in electronic equipment – Part 1: Generic specification (IEC 60384-1:2021; EN IEC 60384-1:2021)
- HRN EN IEC 60384-24:2021 en pr
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 24. dio: Sekcijska specifikacija – Fiksni elektrolitski kondenzatori od tantala s vodljivim krutim polimernim elektrolitom za površinsku ugradnju (IEC 60384-24:2021; EN IEC 60384-24:2021)
Fixed capacitors for use in electronic equipment – Part 24: Sectional specification – Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-24:2021; EN IEC 60384-24:2021)

- HRN EN IEC 60384-25:2021 en pr
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 25. dio: Sekcijska specifikacija: Fiksni aluminijski elektrolitski kondenzatori s vodljivim krutim polimernim elektrolitom za površinsku ugradnju (IEC 60384-25:2021; EN IEC 60384-25:2021)
Fixed capacitors for use in electronic equipment – Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (IEC 60384-25:2021; EN IEC 60384-25:2021)
- HRN EN IEC 60794-1-31:2021 en pr
Svjetlovodni kabeli – Dio 1-31: Generička specifikacija – Elementi svjetlovodnog kabela – Traka od svjetlovodnih vlakana (IEC 60794-1-31:2021; EN IEC 60794-1-31:2021)
Optical fibre cables – Part 1-31: Generic specification – Optical cable elements – Optical fibre ribbon (IEC 60794-1-31:2021; EN IEC 60794-1-31:2021)
- HRN EN IEC 60938-1:2021 en pr
Fiksni induktori za prigušenje elektromagnetskih smetnji – 1. dio: Opća specifikacija (IEC 60938-1:2021; EN IEC 60938-1:2021)
Fixed inductors for electromagnetic interference suppression – Part 1: Generic specification (IEC 60938-1:2021; EN IEC 60938-1:2021)
- HRN EN IEC 60938-2:2021 en pr
Fiksni induktori za prigušenje elektromagnetskih smetnji – 2. dio: Sekcijska specifikacija za dalekovodne prigušnice (IEC 60938-2:2021; EN IEC 60938-2:2021)
Fixed inductors for electromagnetic interference suppression – Part 2: Sectional specification on power line chokes (IEC 60938-2:2021; EN IEC 60938-2:2021)
- HRN EN IEC 61010-2-051:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-051: Posebni zahtjevi za laboratorijsku opremu za miješanje (IEC 61010-2-051:2018; EN IEC 61010-2-051:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-051: Particular requirements for laboratory equipment for mixing and stirring (IEC 61010-2-051:2018; EN IEC 61010-2-051:2021)
- HRN EN IEC 61010-2-051:2021/A11:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-051: Posebni zahtjevi za laboratorijsku opremu za miješanje (EN IEC 61010-2-051:2021/A11:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-051: Particular requirements for laboratory equipment for mixing and stirring (EN IEC 61010-2-051:2021/A11:2021)
- HRN EN IEC 61010-2-061:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-061: Posebni zahtjevi za laboratorijske atomske spektrometre s termičkom atomizacijom i ionizacijom (IEC 61010-2-061:2018; EN IEC 61010-2-061:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization (IEC 61010-2-061:2018; EN IEC 61010-2-061:2021)
- HRN EN IEC 61010-2-061:2021/A11:2021 en pr
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-061: Posebni zahtjevi za laboratorijske atomske spektrometre s termičkom atomizacijom i ionizacijom (EN IEC 61010-2-061:2021/A11:2021)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization (EN IEC 61010-2-061:2021/A11:2021)
- HRN EN IEC 61076-2-010:2021 en pr
Konektori za električnu i elektroničku opremu – Zahtjevi za proizvod – Dio 2-010: Kružni konektori – Detaljne specifikacije za utisne konektore s vanjskim mehanizmom zaključavanja, utemeljenom na sučelju spajanja prema normama IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 i IEC 61076-2-113 (IEC 61076-2-010:2021; EN IEC 61076-2-010:2021)
Connectors for electrical and electronic equipment – Product requirements – Part 2-010: Circular connectors – Detail specification for push pull connectors with outer locking mechanism, based on mating interfaces according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-113 (IEC 61076-2-010:2021; EN IEC 61076-2-010:2021)

- HRN EN IEC 61076-2-011:2021 en pr
Konektori za električnu i elektroničku opremu – Zahtjevi za proizvod – Dio 2-011: Kružni konektori – Detaljne specifikacije za B12 konektore s bajonetnim spajanjem utemeljene na sučelju spajanja prema normama IEC 61076-2-101 i IEC 61076-2-109 (IEC 61076-2-011:2021; EN IEC 61076-2-011:2021)
Connectors for electrical and electronic equipment – Product requirements – Part 2-011: Circular connectors – Detail specification for B12 bayonet coupling connectors based on mating interfaces according to IEC 61076-2-101 and IEC 61076-2-109 (IEC 61076-2-011:2021; EN IEC 61076-2-011:2021)
- HRN EN IEC 61280-1-3:2021 en pr
Postupci ispitivanja svjetlovodnih komunikacijskih podsustava – Dio 1-3: Opći komunikacijski podsustavi – Mjerenje središnje valne duljine, širine spektra i dodatnih karakteristika spektra (IEC 61280-1-3:2021; EN IEC 61280-1-3:2021)
Fibre optic communication subsystem test procedures – Part 1-3: General communication subsystems – Measurement of central wavelength, spectral width and additional spectral characteristics (IEC 61280-1-3:2021; EN IEC 61280-1-3:2021)
- HRN EN IEC 61300-3-7:2021 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 3-7: Ispitivanja i mjerenja – Ovisnost slabljenja o valnoj duljini i gubitak povrata za komponente s jednomodnim načinom rada (IEC 61300-3-7:2021; EN IEC 61300-3-7:2021)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-7: Examinations and measurements – Wavelength dependence of attenuation and return loss of single mode components (IEC 61300-3-7:2021; EN IEC 61300-3-7:2021)
- HRN EN IEC 61724-1:2021 en pr
Učinkovitost fotonaponskog sustava – 1. dio: Praćenje (IEC 61724-1:2021; EN IEC 61724-1:2021)
Photovoltaic system performance – Part 1: Monitoring (IEC 61724-1:2021; EN IEC 61724-1:2021)
- HRN EN IEC 61753-085-02:2021 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 085-02: Jednomodni upleteni CWDM uređaji koji nisu opremljeni konektorima za kategoriju C – Kontrolirano unutarnje okruženje (IEC 61753-085-02:2021; EN IEC 61753-085-02:2021)
Fibre optic interconnecting devices and passive components – Performance standard – Part 085-02: Non-connectorized single-mode pigtailed CWDM devices for category C – Indoor controlled environment (IEC 61753-085-02:2021; EN IEC 61753-085-02:2021)
- HRN EN IEC 61757-5-1:2021 en pr
Svjetlovodni senzori – Dio 5-1: Mjerenje nagiba – Senzori nagiba na temelju Bragg-ove rešetke u optičkom vlaknu (IEC 61757-5-1:2021; EN IEC 61757-5-1:2021)
Fibre optic sensors – Part 5-1: Tilt measurement – Tilt sensors based on fibre Bragg gratings (IEC 61757-5-1:2021; EN IEC 61757-5-1:2021)
- HRN EN IEC 61760-2:2021 en pr
Tehnologija površinske ugradnje – 2. dio: Uvjeti za prijevoz i skladištenje sklopova za površinsku ugradnju (SMD) – Upute za primjenu (IEC 61760-2:2021; EN IEC 61760-2:2021)
Surface mounting technology – Part 2: Transportation and storage conditions of surface mounting devices (SMD) – Application guide (IEC 61760-2:2021; EN IEC 61760-2:2021)
- HRN EN IEC 62153-4-7:2021 en pr
Metode ispitivanja metalnih kabela i drugih pasivnih komponenti – Dio 4-7: Elektromagnetska kompatibilnost (EMC) – Metoda ispitivanja za mjerenje prijenosne impedancije ZT i slabljenja zaslona aS ili spoja aC za konektore i sklopove – Troosovinska metoda cijev u cijev (IEC 62153-4-7:2021; EN IEC 62153-4-7:2021)
Metallic cables and other passive components test methods – Part 4-7: Electromagnetic compatibility (EMC) – Test method for measuring of transfer impedance ZT and screening attenuation aS or coupling attenuation aC of connectors and assemblies – Triaxial tube in tube method (IEC 62153-4-7:2021; EN IEC 62153-4-7:2021)
- HRN EN IEC 62878-2-602:2021 en pr
Tehnologija montaže s ugrađenim elementima – Dio 2-602: Smjernice za složene elektroničke module – Metoda procjene električne povezivosti između modula (IEC 62878-2-602:2021; EN IEC 62878-2-602:2021)
Device Embedding assembly technology – Part 2-602: Guideline for stacked electronic module – Evaluation method of inter-module electrical connectivity (IEC 62878-2-602:2021; EN IEC 62878-2-602:2021)
- HRN EN IEC 63044-4:2021 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 uklapanju u ESSZ i BACS (IEC 63044-4:2021; EN IEC 63044-4:2021)
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 (IEC 63044-4:2021; EN IEC 63044-4:2021)
- HRN EN IEC 63044-6:2021 en pr
Elektronički sustavi u stanovima i zgradama (ESSZ) i sustavi automatizacije i nadzora u zgradama (BACS) – 6. dio: Zahtjevi za instaliranje i planiranje (IEC 63044-6:2021; EN IEC 63044-6:2021)
Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 6: Requirements for planning and installation (IEC 63044-6:2021; EN IEC 63044-6:2021)
- HRN EN IEC 63112:2021 en pr
Fotonaponska (PV) polja – Oprema za zaštitu od zemljospoja – Sigurnost i funkcionalnost povezana sa sigurnošću (IEC 63112:2021; EN IEC 63112:2021)
Photovoltaic (PV) arrays – Earth fault protection equipment – Safety and safety-related functionality (IEC 63112:2021; EN IEC 63112:2021)
- HRN EN IEC 63203-101-1:2021 en pr
Nosivi elektronički uređaji i tehnologije – Dio 101-1: Nazivlje (IEC 63203-101-1:2021; EN IEC 63203-101-1:2021)
Wearable electronic devices and technologies – Part 101-1: Terminology (IEC 63203-101-1:2021; EN IEC 63203-101-1:2021)
- HRN EN IEC 63249-1:2021 en pr
Valovod do koaksijalnih adaptera – 1. dio: Opća specifikacija i zahtjevi i metode ispitivanja (IEC 63249-1:2021; EN IEC 63249-1:2021)
Waveguide to coaxial adapters – Part 1: Generic specification – General requirements and test methods (IEC 63249-1:2021; EN IEC 63249-1:2021)

HZN/TU W1, Energetska elektrotehnika 1

- HRN EN IEC 60545:2021 en pr
Vodič za preuzimanje i rad hidrauličkih turbina, turbina-pumpi i reverzibilnih pumpi (IEC 60545:2021; EN IEC 60545:2021)
Guideline for commissioning and operation of hydraulic turbines, pump-turbines and storage pumps (IEC 60545:2021; EN IEC 60545:2021)
- HRN EN 62133-2:2017/A1:2021 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sigurnosni zahtjevi za prijenosne zapečaćene sekundarne članke i baterije napravljene od njih, za primjenu u prijenosnim uređajima – 2. dio: sustavi s litijem (IEC 62133-2:2017/am1:2021; EN 62133-2:2017/A1:2021)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems (IEC 62133-2:2017/am1:2021; EN 62133-2:2017/A1:2021)

1.2 Nacrti hrvatskih norma

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

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

HZN/TO 548, *Konstruktivski eurokodovi*

nHRN EN 1998-1:2011/NA:2011/A1 hr-en izv
Eurokod 8: Projektiranje potresne otpornosti konstrukcija – 1. dio: Opća pravila, potresna djelovanja i pravila za zgrade – Nacionalni dodatak
Eurocode 8: Design of structures for earthquake resistance – Part 1: General rules, seismic actions and rules for buildings – National Annex

1.3 Prijedlozi za prihvatanje stranih norma u izvorniku

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

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

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

prEN ISO 7213 en
Pulps – Sampling for testing (ISO/FDIS 7213:2021)
Pulpe – Uzorkovanje radi ispitivanja (ISO/FDIS 7213:2021)

HZN/TO 8, *Brodogradnja*

prEN ISO 10087 en
Small craft – Craft identification – Coding system (ISO/FDIS 10087:2021)
Mala plovila – Prepoznavanje trupa – Sustav kodiranja (ISO/FDIS 10087:2021)

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 5817 en
Welding – Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) – Quality levels for imperfections (ISO/DIS 5817:2021)
Zavarivanje – Zavareni spojevi nastali taljenjem u čeliku, niklu, titanu i njihovim legurama (osim zavarivanja elektronskim snopom i laserom) – Razina kvalitete s obzirom na nepravilnosti (ISO/DIS 5817:2021)

prEN ISO 15610 en
Specification and qualification of welding procedures for metallic materials – Qualification based on tested welding consumables (ISO/DIS 15610:2021)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Kvalifikacija na osnovi ispitanih dodatnih i potrošnih materijala za zavarivanje (ISO/DIS 15610:2021)

prEN ISO 17660 en
Welding – Welding of reinforcing steel (ISO/DIS 17660:2021)
Zavarivanje – Zavarivanje čelika za armiranje (ISO/DIS 17660:2021)

prEN ISO 18274 en
Welding consumables – Solid wire electrodes, solid strip electrodes, solid wires and solid rods for fusion welding of nickel and nickel alloys – Classification (ISO/DIS 18274:2021)
Dodatni i potrošni materijali za zavarivanje – Elektrode od pune žice, trakaste elektrode, pune žice i pune šipke za zavarivanje taljenjem nikla i legura nikla – Razredba (ISO/DIS 18274:2021)

prEN ISO 23864 en
Non-destructive testing of welds – Ultrasonic testing – Use of automated total focusing technique (TFM) and related technologies (ISO 23864:2021)
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje – Upotreba automatizirane tehnike potpunog fokusiranja (TFM) i srodnih tehnologija (ISO 23864:2021)

HZN/TO 92, *Zaštita od požara*

prEN 13501-2 en
Fire classification of construction products and building elements – Part 2: Classification using data from fire resistance tests, excluding ventilation services
Razredba građevnih proizvoda i građevnih elemenata prema ponašanju u požaru – 2. dio: Razredba prema rezultatima ispitivanja otpornosti na požar, isključujući ventilaciju

HZN/TO 120, *Koža i obuća*

prEN ISO 15701 en
Leather – Tests for colour fastness – Colour fastness to migration into polymeric material (ISO/DIS 15701:2021)
Koža – Ispitivanja postojanosti obojenja – Postojanost obojenja na migraciju u polimerni materijal (ISO/DIS 15701:2021)

HZN/TO 121, *Anestetička i respiracijska oprema*

prEN ISO 80601-2-12 en
Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO/DIS 80601-2-12:2021)
Medicinska električna oprema – Dio 2-12: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke respiratora za intenzivnu njegu (ISO/DIS 80601-2-12:2021)

HZN/TO 135, *Nerazorna ispitivanja*

prEN ISO 18563-1 en
Non-destructive testing – Characterization and verification of ultrasonic phased array equipment – Part 1: Instruments (ISO/DIS 18563-1:2021)
Nerazorno ispitivanje – Karakterizacija i provjeravanje ultrazvučne višepretvorničke fazno upravljane opreme – 1. dio: Instrumenti (ISO/DIS 18563-1:2021)

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

prEN ISO 13844 en
Plastics piping systems – Elastomeric-sealing-ring-type socket joints for use with plastic pressure pipes – Test method for leak tightness under negative pressure, angular deflection and deformation (ISO/DIS 13844:2021)
Plastični cijevni sustavi – Spojni naglavci s elastomernom prstenastom brtvom za plastične cijevi – Metoda ispitivanja nepropusnosti pod negativnim tlakom, kutnim otklonom i deformacijom (ISO/DIS 13844:2021)

HZN/TO 146, *Kvaliteta zraka*

prEN ISO 23861 en
Workplace air – Chemical agent present as a mixture of airborne particles and vapours – Requirements for evaluation of measuring procedures using samplers (ISO/DIS 23861:2021)
Zrak u radnom prostoru – Kemijski agens prisutan kao smjesa lebdećih čestica i para – Zahtjevi za vrednovanje mjernih postupaka upotrebom uzorkivača (ISO/DIS 23861:2021)

HZN/TO 163, *Toplinska izolacija*

prEN 17140 en
Thermal insulation products for buildings – Factory-made vacuum insulation panels (VIP) – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički proizvedeni vakuumski izolacijski paneli – Specifikacija

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

ISO 8100-30:2019 en
Lifts for the transport of persons and goods – Part 30: Class I, II, III and VI lifts installation
Dizala za transport osoba i tereta – 30. dio: Ugradnja dizala I., II., III. i VI. klase

ISO 8100-32:2020 en
Lifts for the transportation of persons and goods – Part 32:
Planning and selection of passenger lifts to be installed in
office, hotel and residential buildings
Dizala za transport osoba i tereta – 32. dio: Planiranje i
odabir osobnih dizala za ugradnju u uredima, hotelima i
stambenim zgradama

HZN/TO 181, Sigurnost igračka i proizvodi za djecu

FprCEN/TR 17695 en
Safety of toys – Mechanical and physical properties
– Guidance on categorisation of projectile toys within EN 71-1
Sigurnost igračaka – Mehanička i fizikalna svojstva – Vodič
za kategorizaciju igračaka koje izbacuju projekte prema
normi EN 71-1

HZN/TO 215, Zdravstvena informatika

prEN ISO 13119 en
Health informatics – Clinical knowledge resources – Metadata
(ISO/DIS 13119:2021)
Medicinska informatika – Izvori kliničkoga znanja – Metapodaci
(ISO/DIS 13119:2021)

HZN/TO 217, Kozmetika

prEN ISO 16217 en
Cosmetics – Sun protection test methods – Water
immersion procedure for determining water resistance
(ISO 16217:2020)

prEN ISO 18861 en
Cosmetics – Sun protection test methods – Percentage of
water resistance (ISO 18861:2020)

prEN ISO 21322 en
Cosmetics – Microbiology – Testing of impregnated or coated
wipes and masks (ISO 21322:2020)

HZN/TO 228, Usluge u turizmu

ISO 21102:2020 en
Adventure tourism – Leaders – Personnel competence
Pustolovni turizam – Voditelji – Kompetencije osoblja

ISO 21902:2021 en
Tourism and related services – Accessible tourism for all
– Requirements and recommendations
Turističke i srodne usluge – Turizam pristupačan svima
– Zahtjevi i preporuke

ISO 22876:2021 en
Tourism and related services – Bareboat charter
– Supplementary charter services and experiences
Turističke i srodne usluge – Najam plovila bez posade
– Dodatne usluge najma i sadržaji

prEN ISO 24063 en
Recreational diving services – Requirements for
rebreather diver training – No-decompression diving
(ISO/DIS 24063:2021)

prEN ISO 24642 en
Recreational diving services – Requirements for
rebreather diver training – Decompression diving to 45 m
(ISO/DIS 24642:2021)

ISO 25639-1:2008 en
Exhibitions, shows, fairs and conventions – Part 1: Vocabulary
Izložbe, sajmovi, velesajmovi i skupovi – 1. dio: Rječnik

ISO 25639-2:2008 en
Exhibitions, shows, fairs and conventions – Part 2: Measurement
procedures for statistical purposes
Izložbe, sajmovi, velesajmovi i skupovi – 2. dio: Postupci
mjerjenja u statističke svrhe

HZN/TO 502, Plinski uređaji

prEN 15502-2-1 en
Gas-fired central heating boilers – Part 2-1: Specific standard
for type C appliances and type B2, B3 and B5 appliances of a
nominal heat input not exceeding 1 000 kW
Plinski kotlovi za centralno grijanje – Dio 2-1: Specifična
norma za uređaje tipa C i uređaje tipa B2, B3 i B5 nazivne
ulazne topline koja ne prelazi 1 000 kW

HZN/TO 503, Metalni materijali

prEN 1978 en
Copper and copper alloys – Copper cathodes
Bakar i legure bakra – Bakrene katode

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

prEN ISO 35102 en
Petroleum and natural gas industries – Arctic operations
– Escape, evacuation and rescue from offshore installations
(ISO 35102:2020)
Industrija nafte i prirodnoga plina – Operacije na Arktiku
– Udaljavanje, evakuacija i spašavanje s odobalnih instalacija
(ISO 35102:2020)

HZN/TO 508, Ambalaža i pakiranje

prEN 16565 en
Packaging – Flexible tubes – Test method to determine the
orientation of the flip-top cap
Ambalaža – Savitljive tube – Metoda ispitivanja ispravnosti
orijentacije preklopnog zatvarača (flip-top)

HZN/TO 513, Mjerne jedinice i mjerila

prEN 12261 en
Gas meters – Turbine gas meters
Plinoměri – Turbinski plinoměri

prEN 17694-1 en
Hydrometry – Performance requirements and test procedures
for water monitoring equipment – Devices for the determination
of flow Part 1: Open channel instrumentation

HZN/TO 518, Podovi, stropovi i zidne obloge

prEN 12230 en
Surfaces for sports areas – Test method for the determination
of tensile properties of synthetic sports surfaces
Površine sportskih terena – Metoda ispitivanja za određivanje
vlačnih svojstava sintetičkih sportskih obloga

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

prEN 607 en
Eaves gutters and fittings made of PVC-U – Definitions,
requirements and testing
Oluci i spojnice izrađeni od PVC-U – Definicije, zahtjevi i
ispitivanja

prEN 14509-2 en
Double skin metal faced insulating panels – Factory made
products – Specifications – Part 2: Structural applications
– Fixings and potential uses of stabilization of individual
structural elements
Izolacijski paneli obostrano obloženi limom – Tvornički
izrađeni proizvodi – Specifikacije – 2. dio: Konstrukcijska
primjena – Učvršćivači i mogućnosti primjene za stabilizaciju
pojedinih konstrukcijskih elemenata

prEN 14509-3 en
Factory-made double skin metal faced insulating sandwich
panels – Part 3: Test methods for determining mechanical
strength, building physical behaviour and durability

prEN 14509-4 en
Factory-made double skin metal faced insulating sandwich
panels – Part 4: Test methods for fixing of panels to substructure
and for determining restraining effect on substructure

HZN/TO 526, Bitumenska veziva

prEN 12846-1 en
Bitumen and bituminous binders – Determination of efflux
time by the efflux viscometer – Part 1: Bituminous emulsions
Bitumen i bitumenska veziva – Određivanje vremena istjecanja
viskozimetrom za istjecanje – 1. dio: Bitumenske emulzije

prEN 12846-2 en
Bitumen and bituminous binders – Determination of efflux
time by the efflux viscometer – Part 2: Cut-back and fluxed
bituminous binders
Bitumen i bitumenska veziva – Određivanje vremena
istjecanja viskozimetrom za istjecanje – 2. dio: Razrijeđena i
omekšana bitumenska veziva

HZN/TO 528, Oprema za željeznice

EN 15355:2019/prA1 en
Railway applications – Braking – Distributor valves and distributor-isolating devices
Željeznički sustav – Kočenje – Rasporednici i pripadajući izolacijski uređaji

prEN 16729-5 en
Railway applications – Infrastructure – Non-destructive testing on rails in track – Part 5: Non-destructive testing on welds in track

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

prEN 14439 en
Cranes – Tower cranes
Granici – Toranjski granici

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

prEN 13126-3 en
Building hardware – Hardware for windows and door-height windows – Requirements and test methods – Part 3: Handles, primarily for Tilt&Turn, Tilt-First and Turn-Only hardware
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 3. dio: Ručke, prvenstveno za otklopne i zaokretne, prvo otklopne i samo zaokretne okove

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

prEN 12098-1 en
Energy performance of buildings – Controls for heating systems – Part 1: Control equipment for hot water heating systems – Modules M3-5, 6, 7, 8
Energijiska svojstva zgrada – Upravljanje sustavima grijanja – 1. dio: Oprema za upravljanje sustavima toplovodnog grijanja – Moduli M3-5,6,7,8

prEN 12098-3 en
Energy performance of buildings – Controls for heating systems – Part 3: Control equipment for electrical heating systems – Modules M3-5,6,7,8
Energijiska svojstva zgrada – Upravljanje sustavima grijanja – 3. dio: Oprema za upravljanje sustavima električnog grijanja – Moduli M3-5,6,7,8

prEN 14908-6 en
Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 6: Application elements
Otvorena podatkovna komunikacija za automatizaciju, regulaciju i upravljanje u zgradarstvu – Protokol za mrežno upravljanje – 6. dio: Elementi aplikacije

prEN 17038-4 en
Pumps – Methods of qualification of the Energy Efficiency Index for rotodynamic pump units – Part 4: Testing and calculation of energy efficiency index (EEI) of submersible multistage pump units
Pumpe – Metode kvalifikacije i verifikacije indeksa energetske učinkovitosti za rotacijske pumpe – 4. dio: Ispitivanje i proračun indeksa energetske učinkovitosti (EEI) višestupanskih potopnih pumpa

HZN/TO 544, Strojni elementi

prEN ISO 898-2 en
Fasteners – Mechanical properties of fasteners made of carbon steel and alloy steel – Part 2: Nuts with specified property classes (ISO/DIS 898-2:2021)
Spojni elementi – Mehanička svojstva spojnih elemenata izrađenih od ugljičnih i legiranih čelika – 2. dio: Matice sa utvrđenim razredima čvrstoće (ISO/DIS 898-2:2021)

HZN/TO 548, Konstrukcijski eurokodovi

prEN 1990 en
Eurocode – Basis of structural and geotechnical design
Eurokod – Osnove projektiranja konstrukcija i geotehničkog projektiranja

prEN 1991-1-2 en
Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire
Eurokod 1: Djelovanja na konstrukcije – Dio 1-2: Opća djelovanja – Djelovanja na konstrukcije izložene požaru

prEN 1991-2 en
Eurocode 1 – Actions on structures – Part 2: Traffic loads on bridges and other civil engineering works
Eurokod 1 – Djelovanja na konstrukcije – 2. dio: Prometna opterećenja mostova i drugih inženjerskih građevina

prEN 1992-1-1 en
Eurocode 2: Design of concrete structures – Part 1-1: General rules – Rules for buildings, bridges and civil engineering structures
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-1: Opća pravila – Pravila za zgrade, mostove i građevinske konstrukcije

prEN 1992-1-2 en
Eurocode 2: Design of concrete structures – Part 1-2: General rules – Structural fire design
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara

prEN 1996-3 en
Eurocode 6 – Design of Masonry structures – Part 3: Simplified calculation methods for unreinforced masonry structures
Eurokod 6 – Projektiranje zidanih konstrukcija – 3. dio: Pojednostavnjene proračunske metode za nearmirane zidane konstrukcije

HZN/TO 550, Opskrba vodom

prEN 14944-1 en
Influence of cementitious products on water intended for human consumption – Test methods – Part 1: Influence of factory made cementitious products on organoleptic parameters
Utjecaj cementnih proizvoda na vodu namijenjenu ljudskoj potrošnji – Metode ispitivanja – 1. dio: Utjecaj tvornički proizvedenih cementnih proizvoda na organoleptička svojstva

prEN 14944-3 en
Influence of cementitious products on water intended for human consumption – Test methods – Part 3: Migration of substances from factory-made cementitious products
Utjecaj cementnih proizvoda na vodu namijenjenu ljudskoj potrošnji – Metode ispitivanja – 3. dio: Migracija tvari iz tvornički proizvedenih cementnih proizvoda

HZN/TO 551, Gradnja

prEN ISO 12006-3 en
Building construction – Organization of information about construction works – Part 3: Framework for object-oriented information (ISO/DIS 12006-3:2021)
Građenje – Organiziranje informacija o građevinama – 3. dio: Okvir za objektno usmjerene informacije (ISO/DIS 12006-3:2021)

prEN ISO 19650-4 en
Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 4: Information exchange (ISO/DIS 19650-4:2021)
Organizacija i digitalizacija informacija o zgradama i inženjerskim građevinama uključujući modeliranje informacija o građevinama (BIM) – Upravljanje informacijama modeliranjem informacija o građevinama – 4. dio: Razmjena podataka (ISO/DIS 19650-4:2021)

prEN ISO 29481-3 en
Building information models – Information delivery manual – Part 3: Data schema and code (ISO/DIS 29481-3:2021)

HZN/TO 554, Obrada otpadnih voda

prEN 12255-4 en
Wastewater treatment plants – Part 4: Primary treatment
Uređaji za pročišćivanje otpadnih voda – 4. dio: Primarna obrada

prEN 12255-9 en
Wastewater treatment plants – Part 9: Odour control and ventilation
Uređaji za pročišćivanje otpadnih voda – 9. dio: Kontrola mirisa i ventilacija

HZN/TO 555, Medicinski proizvodi

EN ISO 10993-18:2020/prA1 en
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/DAMd 1:2021)

prEN ISO 18113-1 en
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 1: Terms, definitions, and general requirements (ISO/DIS 18113-1:2021)
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označavanje) – 1. dio: Nazivi, definicije i opći zahtjevi (ISO/DIS 18113-1:2021)

prEN ISO 18113-2 en
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 2: In vitro diagnostic reagents for professional use (ISO/DIS 18113-2:2021)
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označavanje) – 2. dio: Dijagnostički reagensi za upotrebu in vitro (ISO/DIS 18113-2:2021)

prEN ISO 18113-3 en
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 3: In vitro diagnostic instruments for professional use (ISO/DIS 18113-3:2021)
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označavanje) – 3. dio: Dijagnostički uređaji za upotrebu in vitro (ISO/DIS 18113-3:2021)

prEN ISO 18113-4 en
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 4: In vitro diagnostic reagents for self-testing (ISO/DIS 18113-4:2021)
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označavanje) – 4. dio: Dijagnostički reagensi za samoispitivanje in vitro (ISO/DIS 18113-4:2021)

prEN ISO 18113-5 en
In vitro diagnostic medical devices – Information supplied by the manufacturer (labelling) – Part 5: In vitro diagnostic instruments for self-testing (ISO/DIS 18113-5:2021)
Medicinski proizvodi za in vitro dijagnostiku – Informacije proizvođača (označavanje) – 5. dio: Dijagnostički uređaji za samoispitivanje in vitro (ISO/DIS 18113-5:2021)

HZN/TO 557, Zaštitna odjeća

prEN 659 en
Protective gloves for firefighters
Zaštitne rukavice za vatrogasce

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

EN 13480-3:2017/prA5:2021 en
Metallic industrial piping – Part 3: Design and calculation
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun

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

ISO/TS 21569-2:2021 en
Molecular biomarker analysis – Methods of analysis for the detection of genetically modified organisms and derived products – Part 2: Construct-specific real-time PCR method for detection of event FP967 in linseed and linseed products
Analiza molekularnih biomarkera – Metode analize za dokazivanje prisutnosti genetički modificiranih organizama i od njih dobivenih proizvoda – 2. dio: Konstrukt - specifična PCR metoda u stvarnom vremenu za dokazivanje prisutnosti FP967 u lanenom sjemenu i proizvodima od lana

HZN/TO 569, Hrana za životinje

prEN 17697 en
Animal feeding stuffs: Methods of analysis – PFGE typing of Lactobacilli, Pediococci, Enterococci and Bacilli in animal feeds

HZN/TO E2, Rotacijski strojevi

prEN IEC 60072-1:2021 en
Dimensions and output series for rotating electrical machines – Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080 (IEC 60072-1 ED7)

HZN/TO E9, Električna oprema za željeznicu

CLC/FprTS 50238-3 en
Railway applications – Compatibility between rolling stock and train detection systems – Part 3: Compatibility with axle counters
Željeznički sustav – Kompatibilnost između željezničkih vozila i sustava detekcije vlaka – 3. dio: Kompatibilnost s brojačima osovina

EN 50367:2020/prA1 en
Railway applications – Fixed installations and rolling stock – Criteria to achieve technical compatibility between pantographs and overhead contact line
Željeznički sustav – Stabilna postrojenja i željeznička vozila – Kriteriji za omogućavanje tehničke kompatibilnosti između pantografa i gornjeg voda

HZN/TO E10, Fluidi za primjenu u elektrotehnici

prEN IEC 60867:2021 en
Insulating liquids – Specifications for unused liquids based on synthetic aromatic hydrocarbons (IEC 60867 ED3)
Izolacijske tekućine – Specifikacije za nove izolacijske tekućine na bazi sintetskih aromatskih ugljikovodika (IEC 60867 ED3)

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

prEN IEC 60684-3-281:2021 en
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 281: Heat-shrinkable, polyolefin sleeving, semiconductive (IEC 60684-3-281 ED2)
Savijljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 281. list: Toplinski skupljajuće poliolefinske navlake, poluvodljive (IEC 60684-3-281 ED2)

prEN IEC 60684-3-282:2021 en
Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 282: Heat-shrinkable, polyolefin sleeving – Stress control (IEC 60684-3-282 ED2)
Savijljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 282. list: Toplinski skupljajuće poliolefinske navlake – Kontrola naprezanja (IEC 60684-3-282 ED2)

HZN/TO E17, Sklopni i upravljački uređaji

prEN 50187:2021 en
High-voltage switchgear and controlgear – Gas-filled compartments of AC switchgear and controlgear with rated voltages above 1 kV up to and including 52 kV

prEN IEC 61439-7:2021 en
Low-voltage switchgear and controlgear assemblies – Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations (IEC 61439-7 ED2)
Niskonaponski sklopni blokovi – 7. dio: Blokovi za posebne primjene, kao što su marine, kampovi, tržnice i postaje za punjenje električnih vozila (IEC 61439-7 ED2)

HZN/TO E20, Električni kabeli

prEN 50397-2 en
Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. – Part 2: Accessories for covered conductors – Tests and acceptance criteria
Izolirani vodiči za nadzemne vodove i pripadajući pribor za nazivne izmjenične napone iznad 1 kV ali ne više od 36 kV – 2. dio: Pribor za izolirane vodiče – Ispitivanja i kriteriji prihvatljivosti

prEN 50397-3 en
Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. – Part 3: Guide to use
Izolirani vodiči za nadzemne vodove i pripadajući pribor za nazivne izmjenične napone iznad 1 kV ali ne više od 36 kV – 3. dio: Upute za primjenu

HZN/TO E23, Električni instalacijski pribor

EN 60670-21:2007/prA1 en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 21: Particular requirements for boxes and enclosures with provision for suspension means (IEC 60670-21:2004/am1:2016)
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 21. dio: Posebni zahtjevi za kutije i kućišta s izvedbom za ovisna sredstva (IEC 60670-21:2004/am1:2016)

EN 60670-21:2007/prAA en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 21: Particular requirements for boxes and enclosures with provision for suspension means
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 21. dio: Posebni zahtjevi za kutije i kućišta s izvedbom za ovisna sredstva

EN 60670-22:2006/prA1 en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 22: Particular requirements for connecting boxes and enclosures (IEC 60670-22:2003/am1:2015)
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 22. dio: Posebni zahtjevi za razvodne kutije i kućišta (IEC 60670-22:2003/am1:2015)

EN 60670-22:2006/prAA en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 22: Particular requirements for connecting boxes and enclosures
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 22. dio: Posebni zahtjevi za razvodne kutije i kućišta

EN 60670-23:2008/prA1 en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 23: Particular requirements for floor boxes and enclosures (IEC 60670-23:2006/am1:2016)
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 23. dio: Posebni zahtjevi za podne kutije i kućišta (IEC 60670-23:2006/am1:2016)

EN 60670-23:2008/prAA en
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 23: Particular requirements for floor boxes and enclosures
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 23. dio: Posebni zahtjevi za podne kutije i kućišta

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

prEN IEC 61543:2021 en
Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility (IEC 61543 ED2)
Strujne zaštitne sklopke (RCD-i) za kućanstvo i sličnu primjenu – Elektromagnetska kompatibilnost (IEC 61543 ED2)

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

EN 62606:2013/prA2:2021 en
General requirements for arc fault detection devices (IEC 62606/am2 ED1)
Opći zahtjevi za uređaje za otkrivanje elektrolučnog kvara (IEC 62606/am2 ED1)

prEN IEC 63355:2021 en
Cable management systems – Test method for content of halogens (IEC 63355 ED1)

HZN/TO E31, Eksplozivne atmosfere

EN 60079-29-1:2016/prAA en
Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases
Eksplozivne atmosfere – Dio 29-1: Oprema za otkrivanje i mjerenje zapaljivih plinova – Zahtjevi za pogonska svojstva opreme za otkrivanje i mjerenje zapaljivih plinova

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN IEC 60061-2:2021 en
Lamp caps and holders together with gauges for the control of interchangeability and safety – Proposal to add GJ6.6 fit systems to IEC 60061 (IEC 60061-PR2021-2 ED3)

EN IEC 60810:2018/prA2:2021 en
Amendment 2 – Lamps, light sources and LED packages for road vehicles – Performance requirements (IEC 60810/am2 ED5)
Amandman 2 – Žarulje, izvori svjetla i svjetleće diode za cestovna vozila – Izvedbeni zahtjevi (IEC 60810/am2 ED5)

EN 62493:2015/prA1:2021 en
Amendment 1 – Assessment of lighting equipment related to human exposure to electromagnetic fields (IEC 62493/am1 ED2)
Amandman 1 – Procjena rasvjetne opreme s obzirom na izloženost ljudskoga tijela elektromagnetskim poljima (IEC 62493/am1 ED2)

prEN IEC 62722-1:2021 en
Luminaire performance – Part 1: General requirements (IEC 62722-1 ED2)
Značajke svjetiljki – 1. dio: Opći zahtjevi (IEC 62722-1 ED2)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

EN 50571:2013/prA2:2021 en
Household and similar electrical appliances – Safety – Particular requirements for commercial electric washing machines
Kućanski i slični električni aparati – Sigurnost – Posebni zahtjevi za komercijalne električne perilice rublja

FprEN IEC 60335-2-103:2021/prA1:2021 en
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows (IEC 60335-2-103:2015/am1:2017)
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vrata za kolni ulaz, vrata i prozora (IEC 60335-2-103:2015/am1:2017)

FprEN IEC 60335-2-103:2021/prA2:2021 en
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows (IEC 60335-2-103:2015/am2:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vrata za kolni ulaz, vrata i prozora (IEC 60335-2-103:2015/am2:2019)

FprEN IEC 60335-2-103:2021/prAA:2021 en
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vrata za kolni ulaz, vrata i prozora

FprEN IEC 60335-2-58:2021/prAA:2021 en
Household and similar electrical appliances – Safety – Part 2-58: Particular requirements for commercial electric dishwashing machines
Kućanski i slični električni aparati – Sigurnost – Dio 2-58: Posebni zahtjevi za ugostiteljske električne perilice posuđa

prEN IEC 60335-2-62:2021 en
Household and similar electrical appliances – Safety – Part 2-62: Particular requirements for commercial electric rinsing sinks (IEC 60335-2-62:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-62: Posebni zahtjevi za ugostiteljske sudopere (IEC 60335-2-62:2019)

prEN IEC 60335-2-62:2021/prA11:2021 en
Household and similar electrical appliances – Safety – Part 2-62: Particular requirements for commercial electric rinsing sinks
Kućanski i slični električni aparati – Sigurnost – Dio 2-62: Posebni zahtjevi za ugostiteljske sudopere

FprEN IEC 60335-2-97:2021/prA1:2021 en
Household and similar electrical appliances – Safety – Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment (IEC 60335-2-97:2016/am1:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-97: Posebni zahtjevi pogona za rebrnice, platnene zaslone, zaštitne zavjese i slične naprave (IEC 60335-2-97:2016/am1:2019)

FprEN IEC 60335-2-97:2021/prA11:2021 en
Household and similar electrical appliances – Safety – Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment
Kućanski i slični električni aparati – Sigurnost – Dio 2-97: Posebni zahtjevi pogona za rebrnice, platnene zaslone, zaštitne zavjese i slične naprave

HZN/TO E62, Električna oprema u medicinskoj praksi

EN IEC 80601-2-77:202X/prA1:2021 en
Medical electrical equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment (IEC 80601-2-77/am1 ED1)
Medicinska električna oprema – Dio 2-77: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke kirurških uređaja potpomognutih robotima (IEC 80601-2-77/am1 ED1)

EN IEC 80601-2-78:2020/prA1:2021 en
Amendment 1 – Medical electrical equipment – Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation (IEC 80601-2-78/am1 ED1)
Amendment 1 – Medicinska električna oprema – Dio 2-78: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke medicinskih robota za rehabilitaciju, procjenu, kompenzaciju ili ublažavanje (IEC 80601-2-78/am1 ED1)

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

prEN IEC 61139-2:2021 en
Industrial networks – Single-drop digital communication interface – Part 2: Functional safety extensions (IEC 61139-2 ED1)

prEN IEC 62453-302:2021 en
Field device tool (FDT) interface specification – Part 302: Communication profile integration – IEC 61784 CPF 2 (IEC 62453-302 ED3)
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 302. dio: Integracija komunikacijskog profila – IEC 61784 CPF 2 (IEC 62453-302 ED3)

HZN/TO E80, Pomorska navigacijska i radiokomunikacijska oprema i sustavi

prEN IEC 63173-2:2021 en
Maritime navigation and radiocommunication equipment and systems – Data interface – Part 2: Secure communication between ship and shore (SECOM) (IEC 63173-2 ED1)
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalna sučelja – 2. dio: Sigurna komunikacija između broda i obale (SECOM) (IEC 63173-2 ED1)

HZN/TO E88, Vjetroagregati

prEN IEC 61400-12:2021 en
Wind energy generation systems – Part 12: Power performance measurements of electricity producing wind turbines – Overview (IEC 61400-12 ED1)

prEN IEC 61400-12-1:2021 en
Wind energy generation systems – Part 12-1: Power performance measurement of electricity producing wind turbines (IEC 61400-12-1 ED3)
Sustavi za proizvodnju energije iz vjetera – Dio 12-1: Mjerenje značajka snage vjetroagregata koji proizvode električnu energiju (IEC 61400-12-1 ED3)

prEN IEC 61400-12-2:2021 en
Wind energy generation systems – Part 12-2: Power performance of electricity producing wind turbines based on nacelle anemometry (IEC 61400-12-2 ED2)
Sustavi za proizvodnju energije iz vjetera – Dio 12-2: Proizvodnost vjetroagregata na osnovi mjerenja vjetera anemometrom smještenog na gondoli (IEC 61400-12-2 ED2)

prEN IEC 61400-12-3:2021 en
Wind energy generation systems – Part 12-3: Power Performance – Measurement Based Site Calibration (IEC 61400-12-3 ED1)

prEN IEC 61400-12-5:2021 en
Wind energy generation systems – Part 12-5: Power performance – Assessment of obstacles and terrain (IEC 61400-12-5 ED1)

prEN IEC 61400-12-6:2021 en
Wind energy generation systems – Part 12-6: Measurement based nacelle transfer function of electricity producing wind turbines (IEC 61400-12-6 ED1)

prEN IEC 61400-50:2021 en
Wind energy generation systems – Part 50: Wind measurements (IEC 61400-50 ED1)

prEN IEC 61400-50-1:2021 en
Wind energy generation systems – Part 50-1: Wind Measurement – Application of Meteorological Mast, Nacelle and Spinner Mounted Instruments (IEC 61400-50-1 ED1)

prEN IEC 61400-50-2:2021 en
Wind energy generation systems – Part 50-2: Wind Measurement – Application of Ground Mounted Remote Sensing Technology (IEC 61400-50-2 ED1)

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

prEN IEC 63245-2:2021 en
Spatial wireless power transfer based on multiple magnetic resonances (SWPT-MMR) – Part 2: Reference model (TA 15) (IEC 63245-2 ED1)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

EN 55016-2-3:2017/prA2:2021 en
Measurement method for radiated disturbance measurements below 30 MHz (CISPR 16-2-3/am2 ED4)
Metoda mjerenja za mjerenje zračenih smetnja ispod 30 MHz (CISPR 16-2-3/am2 ED4)

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 300 422-1 V2.2.1:2021 en
Wireless Microphones – Audio PMSE Equipment up to 3 GHz – Part 1: Audio PMSE Equipment up to 3 GHz – Harmonised Standard for access to radio spectrum
Bežični mikrofoni – Audio PMSE oprema do 3 GHz – 1. dio: Audio PMSE oprema do 3 GHz – Harmonizirana norma za pristup radijskom spektru

Draft EN 301 390 V2.0.0:2021 en
Fixed Radio Systems – Point-to-point and Multipoint Systems – Unwanted emissions in the spurious domain and receiver immunity limits at equipment/antenna port of Digital Fixed Radio Systems
Nepokretni radijski sustavi – Sustavi točka-točka i sustavi više točaka – Neželjene emisije u sporednoj domeni i granice otpornosti prijemnika na antenskom priključku opreme digitalnih nepokretnih radijskih sustava

Draft EN 301 908-10 V4.3.0:2021 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 10: Base Stations (BS) – Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks
Celularne mreže IMT – Harmonizirana norma za pristup radijskom spektru – 10. dio: Bazne postaje (BS), repetitori i korisnička oprema (UE) za IMT-2000 treću generaciju celularnih mreža

Draft EN 319 412-4 V1.2.0:2021 en
Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 4: Certificate profile for web site certificates
Elektronički potpisi i infrastrukture (ESI) – Profili certifikata – 4. dio: Profil certifikata za internetske certifikate

HZN/TO Z1, Informacijska tehnologija

prEN ISO 27007 en
Information security, cybersecurity and privacy protection – Guidelines for information security management systems auditing (ISO/IEC 27007:2020)

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

- prEN ISO 20714 en
E-liquid – Determination of nicotine, propylene glycol and glycerol in liquids used in electronic nicotine delivery devices – Gas chromatographic method (ISO 20714:2019)
E-tekućine – Određivanje nikotina, polipropilenglikola i glicerola u tekućinama koje se upotrebljavaju u elektroničkim uređajima koji oslobađaju nikotin (ISO 20714:2019)
- prEN ISO 20768 en
Vapour products – Routine analytical vaping machine – Definitions and standard conditions (ISO 20768:2018)
Proizvodi za udisanje para iz e-tekućina – Strojevi za rutinsku analizu proizvoda za udisanje para iz e-tekućina – Definicije i standardni uvjeti (ISO 20768:2018)

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

- prEN 927-2 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 2: Performance specification
Boje i lakovi – Premazna sredstva i premazni sustavi za drvo u vanjskim prostorima – 2. dio: Specifikacija svojstava
- prEN ISO 18363-1 en
Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 1: Method using fast alkaline transesterification and measurement for 3-MCPD and differential measurement for glycidol (ISO 18363-1:2015)
- prEN ISO 18363-3 en
Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 3: Method using acid transesterification and measurement for 2-MCPD, 3-MCPD and glycidol (ISO 18363-3:2017)
- prEN ISO 23322 en
Paints and varnishes – Determination of solvents in coating materials containing organic solvents only – Gas-chromatographic method (ISO 23322:2021)
- prEN ISO/ASTM 52920 en
Additive manufacturing – Qualification principles – Part 2: Requirements for industrial additive manufacturing sites (ISO/ASTM DIS 52920:2021)
- prEN ISO/ASTM 52936-1 en
Additive manufacturing of polymers – Powder bed fusion – Part 1: General principles and preparation of test specimens for PBF-LB (ISO/ASTM DIS 52936-1:2021)

HZN/TU I2, Strojarsvo 2

- prEN ISO 21363 en
Nanotechnologies – Measurements of particle size and shape distributions by transmission electron microscopy (ISO 21363:2020)

HZN/TU N1, Nemetalni materijali 1

- prEN ISO 20675 en
Biogas – Biogas production, conditioning, upgrading and utilization – Terms, definitions and classification scheme (ISO 20675:2018)
- prEN ISO 22580 en
Flares for combustion of biogas (ISO 22580:2020)
- prEN ISO 23590 en
Household biogas system requirements: design, installation, operation, maintenance and safety (ISO 23590:2020)

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

- prEN ISO 9333 en
Dentistry – Brazing materials (ISO/DIS 9333:2021)
Stomatologija – Materijali za lemljenje (ISO/DIS 9333:2021)

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

- prEN 4165-005 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 005 : Stackable mouting receptable 2 and 4 modules, series 3
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 005. dio: Ugradbene utičnice za odlaganje modula 2 i 4, serije 3
- prEN 4165-006 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 006: Plug for 2 and 4 modules, series 2 – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 006. dio: Utikač za module 2 i 4, serije 2 – Norma za proizvod
- prEN 4165-007 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 007: Plug for 2 and 4 modules, series 3 – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 007. dio: Utikač za module 2 i 4, serije 3 – Norma za proizvod
- prEN 4165-008 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 008: Rack and panel plug for 2 and 4 modules, series 2 – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 008. dio: Priključna kutija i pločasti utikač za module 2 i 4, serije 2 – Norma za proizvod
- prEN 4165-009 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 009: Rack and panel plug for 2 and 4 modules, series 3 – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 009. dio: Priključna kutija i pločasti utikač za module 2 i 4, serije 3 – Norma za proizvod
- prEN 4165-010 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 010: Rack and panel rear mounted plug for 2 and 4 modules, series 2 – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 010. dio: Priključna kutija i pločasti utikač ugrađen sa stražnje strane za module 2 i 4, serije 3 – Norma za proizvod
- prEN 4165-011 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 011: Flange mounting receptacle 2 and 4 modules, series 2 – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 011. dio: Utičnica s ugrađenom priрубnicom modula 2 i 4, serije 2 – Norma za proizvod
- prEN 4165-012 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 012: Flange mounting receptacle 2 and 4 modules, series 3 – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 012. dio: Utičnica s ugrađenom priрубnicom modula 2 i 4, serije 3 – Norma za proizvod
- prEN 4165-026 en
Aerospace Series – Connector, electrical, rectangular, modular – Operating temperatures 175°C continuous – Part 026: Shielded accessories for single module – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 026: Oprema za samostalne module – Norma za proizvod
- prEN 9101 en
Requirements for Conducting Audits of Aviation, Space, and Defence Quality Management Systems

HZNTU U1, *Opća elektrotehnika 1*

prEN 50436-4 en
Alcohol interlocks – Test methods and performance requirements – Part 4: Connection and digital interface between the alcohol interlock and the vehicle
Blokada u slučaju alkoholiziranosti – Metode ispitivanja i izvedbeni zahtjevi – 4. dio: Povezivanje i digitalno sučelje između blokade u slučaju alkoholiziranosti i vozila

HZNTU V1, *Elektronika 1*

prEN IEC 60747-16-7:2021 en
Semiconductor devices – Part 16-7: Microwave integrated circuits – Attenuators (IEC 60747-16-7 ED1)

prEN IEC 60747-16-8:2021 en
Semiconductor devices – Part 16-8: Microwave integrated circuits – Limiters (IEC 60747-16-8 ED1)

prEN IEC 61169-69:2021 en
Radio Frequency Connectors – Part 69: Sectional specification for series SMP3 RF coaxial connectors (IEC 61169-69 ED1)

EN IEC 61215-1-3:2021/prA1:2021 en
Amendment 1 – Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (IEC 61215-1-3/am1 ED2)

EN IEC 61215-1-4:2021/prA1:2021 en
Amendment 1 – Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)₂ based photovoltaic (PV) modules (IEC 61215-1-4/am1 ED2)

prEN IEC 61300-2-18:2021 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-18: Tests – Dry heat (IEC 61300-2-18 ED3)

prEN IEC 61300-2-43:2021 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-43: Tests – Screen testing of return loss of single-mode PC optical fibre connectors (IEC 61300-2-43 ED3)

prEN IEC 61300-3-4:2021 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-4: Examinations and measurements – Attenuation (IEC 61300-3-4 ED4)

prEN IEC 61753-043-02:2021 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 043-02: Simplex patch-cord style single-mode fibre wavelength selective devices with cylindrical ferrule connectors for category C – Controlled environment (IEC 61753-043-02 ED1)

prEN IEC 61755-1:2021 en
Fibre optic interconnecting devices and passive components – Connector optical interfaces for single-mode fibres – Part 1: Optical interfaces for dispersion unshifted fibres – General and guidance (IEC 61755-1 ED2)

prEN IEC 62037-7:2021 en
Passive RF and Microwave devices, intermodulation level measurement – Part 7: Field measurements of passive intermodulation (IEC 62037-7 ED1)

prEN IEC 62037-8:2021 en
Measurement of passive intermodulation generated by objects exposed to RF radiation (IEC 62037-8 ED1)

EN IEC 63044-5-1:2019/prA1:2021 en
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 5-1: EMC requirements, conditions and test set-up (IEC 63044-5-1/am1 ED1)
Elektronički sustavi u stanovima i zgradama (ESSZ) i sustavi automatizacije i nadzora u zgradama (BACS) – Dio 5-1: EMC zahtjevi, uvjeti i ispitivanje (IEC 63044-5-1/am1 ED1)

EN IEC 63044-5-2:2019/prA1:2021 en
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light industrial environments (IEC 63044-5-2/am1 ED1)
Elektronički sustavi u stanovima i zgradama (ESSZ) i sustavi automatizacije i nadzora u zgradama (BACS) – Dio 5-2: EMC zahtjevi za HBES/BACS za uporabu u stambenom, poslovnom i lakoindustrijskom okruženju (IEC 63044-5-2/am1 ED1)

EN IEC 63044-5-3:2019/prA1:2021 en
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 5-3: EMC requirements for HBES/BACS used in industrial environments (IEC 63044-5-3/am1 ED1)
Elektronički sustavi u stanovima i zgradama (ESSZ) i sustavi automatizacije i nadzora u zgradama (BACS) – Dio 5-3: EMC zahtjevi za HBES/BACS za uporabu u industrijskom okruženju (IEC 63044-5-3/am1 ED1)

HZNTU W1, *Energetska elektrotehnika 1*

prEN IEC 62282-4-101:2021 en
Fuel cell technologies – Part 4-101: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) – Fuel cell power systems for electrically powered industrial trucks – Safety (IEC 62282-4-101 ED2)

prEN IEC 62282-4-600:2021 en
Fuel cell technologies – Part 4-600: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) – Fuel cell/battery hybrid systems performance test methods for excavators (IEC 62282-4-600 ED1)

1.4 *Povučene hrvatske norme*

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

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

HZN/TO 5, *Metalne cijevi i priključci*

HRN EN 14917:2013 en
Metalni ekspanzioni mijeh za tlačnu primjenu (EN 14917:2009+A1:2012)
Metal bellows expansion joints for pressure applications (EN 14917:2009+A1:2012)
- zamijenjena s: HRN EN 14917:2021

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 3-8:2008 en
Prijenosni vatrogasni aparati – 8. dio: Dodatni zahtjevi prema normi EN 3-7 za konstrukciju, otpornost na pritisak i mehaničko ispitivanje vatrogasnih aparata s maksimalnim dozvoljenim pritiskom jednakim ili nižim od 30 bara (EN 3-8:2006+AC:2007)
Portable fire extinguishers – Part 8: Additional requirements to EN 3-7 for the construction, resistance to pressure and mechanical tests for extinguishers with a maximum allowable pressure equal to or lower than 30 bar (EN 3-8:2006+AC:2007)
- zamijenjena s: HRN EN 3-8:2021

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

HRN EN 703:2010 en
Poljoprivredna mehanizacija – Strojevi za punjenje, miješanje i/ili izuzimanje i raspodjelu silaže – Sigurnost (EN 703:2004+A1:2009)
Agricultural machinery – Silage loading, mixing and/or chopping and distributing machines – Safety (EN 703:2004+A1:2009)
- zamijenjena s: HRN EN 703:2021

HZN/TO 28, Naftni proizvodi i maziva

HRN EN 15199-4:2015 en
Naftni proizvodi – Određivanje područja vrenja metodom plinske kromatografije – 4. dio: Lagane frakcije sirove nafte (EN 15199-4:2015)
Petroleum products – Determination of boiling range distribution by gas chromatography method – Part 4: Light fractions of crude oil (EN 15199-4:2015)
- zamijenjena s: HRN EN 15199-4:2021

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

HRN EN 1397:2015 en
Izmjenjivači topline – Izmjenjivači topline voda-zrak s ventilatorom namijenjeni za prostorije – Postupci ispitivanja za utvrđivanje značajka (EN 1397:2015)
Heat exchangers – Hydronic room fan coil units – Test procedures for establishing the performance (EN 1397:2015)
- zamijenjena s: HRN EN 1397:2021

HRN EN 1397:2015/Ispr.1:2016 en
Izmjenjivači topline – Izmjenjivači topline voda-zrak s ventilatorom namijenjeni za prostorije – Postupci ispitivanja za utvrđivanje značajka (EN 1397:2015/AC:2016)
Heat exchangers – Hydronic room fan coil units – Test procedures for establishing the performance (EN 1397:2015/AC:2016)
- zamijenjena s: HRN EN 1397:2021

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

HRN EN 81-80:2004 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Postojeća dizala – 80. dio: Pravila za povećanje sigurnosti postojećih osobnih i osobnih teretnih dizala (EN 81-80:2003)
Safety rules for the construction and installation of lifts – Existing lifts – Part 80: Rules for the improvement of safety of existing passenger and goods passenger lifts (EN 81-80:2003)
- zamijenjena s: HRN EN 81-80:2019

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14031:2013 hr-en
Upravljanje okolišem – Vrednovanje utjecaja na okoliš – Smjernice (ISO 14031:2013; EN ISO 14031:2013)
Environmental management – Environmental performance evaluation – Guidelines (ISO 14031:2013; EN ISO 14031:2013)
- zamijenjena s: HRN EN ISO 14031:2021

HZN/TO 221, Geosintetici

HRN EN 12447:2002 en
Geotekstil i proizvodi srodni s geotekstilom – Selektivna metoda ispitivanja za određivanje otpornosti na hidrolizu u vodi (EN 12447:2001)
Geotextiles and geotextile-related products – Screening test method for determining the resistance to hydrolysis in water (EN 12447:2001)
- zamijenjena s: HRN EN 12447:2021

HZN/TO 228, Usluge u turizmu

HRN EN ISO 18513:2013 hr,en,fr,de
Usluge u turizmu – Hoteli i druge vrste turističkog smještaja – Nazivlje (ISO 18513:2003; EN ISO 18513:2003)
Tourism services – Hotels and other types of tourism accommodation – Terminology (ISO 18513:2003; EN ISO 18513:2003)
- zamijenjena s: HRN EN ISO 18513:2021

HZN/TO 503, Metalni materijali

HRN EN 1706:2020 en
Aluminij i aluminijeve legure – Odljevcu – Kemijski sastav i mehanička svojstva (EN 1706:2020)
Aluminium and aluminium alloys – Castings – Chemical composition and mechanical properties (EN 1706:2020)
- zamijenjena s: HRN EN 1706:2021

HRN EN ISO 7668:2018 en
Anodizacija aluminija i aluminijevih legura – Mjerenje direktne refleksije i direktnog odsjaja prevlaka dobivenih anodnom oksidacijom pod kutovima od 20°, 45°, 60° ili 85° (ISO 7668:2018; EN ISO 7668:2018)
Anodizing of aluminium and its alloys – Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20 degrees, 45 degrees, 60 degrees or 85 degrees (ISO 7668:2018; EN ISO 7668:2018)
- zamijenjena s: HRN EN ISO 7668:2021

HRN EN 10253-2:2008 en
Cijevne spojnice za sučeono zavarivanje – 2. dio: Nelegirani i legirani feritni čelici s posebnim zahtjevima za ispitivanje (EN 10253-2:2007)
Butt-welding pipe fittings – Part 2: Non alloy and ferritic alloy steels with specific inspection requirements (EN 10253-2:2007)
- zamijenjena s: HRN EN 10253-2:2021

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 7539-9:2008 en
Korozija metala i legura – Ispitivanje korozije uz naprezanje – 9. dio: Priprema i uporaba uzoraka s pukotinom uz rastuće opterećenje ili pomak (ISO 7539-9:2003; EN ISO 7539-9:2008)
Corrosion of metals and alloys – Stress corrosion testing – Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement (ISO 7539-9:2003; EN ISO 7539-9:2008)
- zamijenjena s: HRN EN ISO 7539-9:2021

HZN/TO 517, Posebne vrste konstrukcija

HRN EN 15620:2008 en
Čelični nepokretni skladišni sustavi – Podesive police za palete – Dopuštena odstupanja, deformacije i zračnost (slobodni prostor između elemenata) (EN 15620:2008)
Steel static storage systems – Adjustable pallet racking – Tolerances, deformations and clearances (EN 15620:2008)
- zamijenjena s: HRN EN 15620:2021

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

HRN EN 1756-1:2008 en
Stražnja dizala – Platformna dizala za ugradnju na vozilima na kotačima – Zahtjevi za sigurnost – 1. dio: Stražnje teretno dizalo (EN 1756-1:2001+A1:2008)
Tail lifts – Platform lifts for mounting on wheeled vehicles – Safety requirements – Part 1: Tail lifts for goods (EN 1756-1:2001+A1:2008)
- zamijenjena s: HRN EN 1756-1:2021

HZN/TO 531, Plastika i guma

HRN EN ISO 13000-1:2008 en
Plastika – Politetrafluoretilenski (PTFE) polugotovi proizvodi – 1. dio: Zahtjevi i označavanje (ISO 13000-1:2005; EN ISO 13000-1:2005)
Plastics – Polytetrafluoroethylene (PTFE) semi-finished products – Part 1: Requirements and designation (ISO 13000-1:2005; EN ISO 13000-1:2005)
- zamijenjena s: HRN EN ISO 13000-1:2021

HRN EN ISO 13000-2:2008 en
Plastika – Politetrafluoretilenski (PTFE) polugotovi proizvodi – 2. dio: Priprava ispitaka i određivanje svojstava (ISO 13000-2:2005; EN ISO 13000-2:2005)
Plastics – Polytetrafluoroethylene (PTFE) semi-finished products – Part 2: Preparation of test specimens and determination of properties (ISO 13000-2:2005; EN ISO 13000-2:2005)
- zamijenjena s: HRN EN ISO 13000-2:2021

HZN/TO 539, Kemijski dezinficijensi i antiseptici

HRN EN 12353:2013 en
Kemijski dezinficijensi i antiseptici – Čuvanje sojeva mikroorganizama koji se upotrebljavaju u određivanju bakterijske (uključujući legionelu), mikobakterijske, sporidne, fungicidne i virucidne (uključujući bakteriofage) djelotvornosti (EN 12353:2013)
Chemical disinfectants and antiseptics – Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity (EN 12353:2013)
- zamijenjena s: HRN EN 12353:2021

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

HRN EN ISO 11855-1:2015 en
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 1: Definition, symbols, and comfort criteria (ISO 11855-1:2012; EN ISO 11855-1:2015)
- zamijenjena s: HRN EN ISO 11855-1:2021

HRN EN ISO 11855-3:2015 en
Building environment design – Design; dimensioning, installation and control of embedded radiant heating and cooling systems – Part 3: Design and dimensioning (ISO 11855-3:2012; EN ISO 11855-3:2015)
- zamijenjena s: HRN EN ISO 11855-3:2021

HRN EN ISO 11855-4:2015 en
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO 11855-4:2012; EN ISO 11855-4:2015)
- zamijenjena s: HRN EN ISO 11855-4:2021

HRN EN ISO 11855-5:2015 en
Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 5: Installation (ISO 11855-5:2012; EN ISO 11855-5:2015)
- zamijenjena s: HRN EN ISO 11855-5:2021

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 12464-1:2012 en
Svjetlo i rasvjeta – Rasvjeta radnih mjesta – 1. dio: Unutrašnji radni prostori (EN 12464-1:2011)
Light and lighting – Lighting of work places – Part 1: Indoor work places (EN 12464-1:2011)
- zamijenjena s: HRN EN 12464-1:2021

HZN/TO 555, Medicinski proizvodi

HRN EN 14254:2008 en
Medicinski proizvodi za in vitro dijagnostiku – Jednokratna spremišta za skupljanje uzoraka koji potječu od ljudi, osim krvi (EN 14254:2004)
In vitro diagnostic medical devices – Single-use receptacles for the collection of specimens, other than blood, from humans (EN 14254:2004)
- zamijenjena s: HRN EN ISO 6717:2021

HRS CEN ISO/TS 15883-5:2008 en
Uređaji za pranje i dezinfekciju – 5. dio: Ispitivanja na mrljama i postupci za prikaz učinkovitosti čišćenja (ISO/TS 15883-5:2005; CEN ISO/TS 15883-5:2005)
Washer-disinfectors – Part 5: Test soils and methods for demonstrating cleaning efficacy (ISO/TS 15883-5:2005; CEN ISO/TS 15883-5:2005)
- zamijenjena s: HRN EN ISO 15883-5:2021

HRN EN ISO 17664:2018 en
Postupci za proizvode zdravstvene zaštite – Informacije za obradu medicinskih proizvoda koje daje proizvođač medicinskih proizvoda (ISO 17664:2017; EN ISO 17664:2017)
Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices (ISO 17664:2017; EN ISO 17664:2017)
- zamijenjena s: HRN EN ISO 17664-1:2021

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 5470-2:2008 en
Plošne tekstilije naslojene gumom ili plastikom – Određivanje otpornosti na habanje – 2. dio: Habalica po Martindaleu (ISO 5470-2:2003; EN ISO 5470-2:2003)
Rubber- or plastics-coated fabrics – Determination of abrasion resistance – Part 2: Martindale abrader (ISO 5470-2:2003; EN ISO 5470-2:2003)
- zamijenjena s: HRN EN ISO 5470-2:2021

HRN EN ISO 30023:2012 en
Tekstil – Odgovarajući simboli za označavanje radne odjeće koja se pere u industrijskim praonicama (ISO 30023:2010; EN ISO 30023:2012)
Textiles – Qualification symbols for labelling workwear to be industrially laundered (ISO 30023:2010; EN ISO 30023:2012)
- zamijenjena s: HRN EN ISO 30023:2021

HZN/TO 562, Alatni strojevi i alati

HRN EN ISO 18217:2015 en
Sigurnost strojeva za obradu drveta – Strojevi za lijepljenje bridova pogonjeni lancima (ISO 18217:2015; EN ISO 18217:2015)
Safety of woodworking machines – Edge banding machines fed chains (ISO 18217:2015; EN ISO 18217:2015)
- zamijenjena s: HRN EN ISO 19085-17:2021

HZN/TO 563, Sigurnost strojeva

HRN EN 12331:2015 en
Strojevi za preradu hrane – Strojevi za mljevenje – Sigurnosni i higijenski zahtjevi (EN 12331:2015)
Food processing machinery – Mincing machines – Safety and hygiene requirements (EN 12331:2015)
- zamijenjena s: HRN EN 12331:2021

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

HRN EN ISO 6888-1:2004 en
Mikrobiologija hrane i stočne hrane – Horizontalni postupak brojenja koagulaza-pozitivnih stafilocoka (Staphylococcus aureus i druge vrste) – 1. dio: Postupak primjene Baird-Parkerove hranjive podloge na agaru (ISO 6888-1:1999+Amd 1:2003; EN ISO 6888-1:1999+A1:2003)
Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 1: Technique using Baird-Parker agar medium (ISO 6888-1:1999+Amd 1:2003; EN ISO 6888-1:1999+A1:2003)
- zamijenjena s: HRN EN ISO 6888-1:2021

HRN EN ISO 6888-1:2004/A2:2019 en
Mikrobiologija hrane i stočne hrane – Horizontalna metoda određivanja broja koagulaza-pozitivnih stafilocoka (Staphylococcus aureus i druge vrste) – 1. dio: Postupak primjene Baird-Parkerove hranjive podloge na agaru – Amandman 2: Uključivanje alternativnog postupka za potvrđivanje (ISO 6888-1:1999+Amd 2:2018; EN ISO 6888-1:1999+A2:2018)
Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 1: Technique using Baird-Parker agar medium – Amendment 2: Inclusion of an alternative confirmation procedure (ISO 6888-1:1999+Amd 2:2018; EN ISO 6888-1:1999+A2:2018)
- zamijenjena s: HRN EN ISO 6888-1:2021

HRN EN ISO 6888-2:2004 en
Mikrobiologija hrane i stočne hrane – Horizontalni postupak brojenja koagulaza-pozitivnih stafilocoka (Staphylococcus aureus i druge vrste) – 2. dio: Postupak primjene agara s fibrinogenom i plazmom kunića (ISO 6888-2:1999+Amd 1:2003; EN ISO 6888-2:1999+A1:2003)
Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 2: Technique using rabbit plasma fibrinogen agar medium (ISO 6888-2:1999+Amd 1:2003; EN ISO 6888-2:1999+A1:2003)
- zamijenjena s: HRN EN ISO 6888-2:2021

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

HRN EN 15935:2013 en
Muljevi, obrađeni biootpad, tlo i otpad – Određivanje gubitka žarenjem (EN 15935:2012)
Sludge, treated biowaste, soil and waste – Determination of loss on ignition (EN 15935:2012)
- zamijenjena s: HRN EN 15935:2021

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

HRI CLC/TR 62541-1:2011 en
OPC objedinjena arhitektura – 1. dio: Pregled i koncepcije (IEC/TR 62541-1:2010; CLC/TR 62541-1:2010)
OPC unified architecture – Part 1: Overview and concepts (IEC/TR 62541-1:2010; CLC/TR 62541-1:2010)
- zamijenjena s: HRI CLC IEC/TR 62541-1:2021

HRI CLC/TR 62541-2:2011 en
OPC objedinjena arhitektura – 2. dio: Sigurnosni model (IEC/TR 62541-2:2010; CLC/TR 62541-2:2010)
OPC unified architecture – Part 2: Security model (IEC/TR 62541-2:2010; CLC/TR 62541-2:2010)
- zamijenjena s: HRI CLC IEC/TR 62541-2:2021

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

HRN EN ISO 787-2:1999 en

Opće metode ispitivanja pigmentata i punila – 2. dio: Određivanje tvari hlapljivih na 105 °C (ISO 787-2:1981; EN ISO 787-2:1995)

General methods of test for pigments and extenders – Part 2: Determination of matter volatile at 105 degrees C (ISO 787-2:1981; EN ISO 787-2:1995)

- zamijenjena s: HRN EN ISO 787-2:2021

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

HRN EN 16603-10-04:2015 en

Svemirsko inženjerstvo – Svemirska okolina

(EN 16603-10-04:2015)

Space engineering – Space environment (EN 16603-10-04:2015)

- zamijenjena s: HRN EN 16603-10-04:2021

1.6 Ispravci hrvatskih norma

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

HZN/TO 146, *Kvaliteta zraka*

• umjesto

HRS CEN/TS 17638:2021

Emisije iz nepokretnih izvora – **Određivanje** masene koncentracije formaldehida – **Ručna** metoda (CEN/TS 17638:2021)

Stationary source emissions – Manual method for the determination of the mass concentration of formaldehyde – Reference method (CEN/TS 17638:2021)

• treba biti

HRS CEN/TS 17638:2021

Emisije iz nepokretnih izvora – **Ručna metoda određivanja** masene koncentracije formaldehida – Referentna metoda (CEN/TS 17638:2021)

Stationary source emissions – Manual method for the determination of the mass concentration of formaldehyde – Reference method (CEN/TS 17638:2021)

HZN/TO 163, *Toplinska izolacija*

• umjesto

HRN EN 16783:2017

Toplinsko-izolacijski proizvodi – Pravila za razvrstavanje proizvoda (PCR), za tvornički proizvedene i na licu mjesta oblikovane proizvode, u svrhu sastavljanja izjava o **zaštiti okoliša** (EN 16783:2017)

Thermal insulation products – Product category rules (PCR) for factory made and in-situ formed products for preparing environmental product declarations (EN 16783:2017)

• treba biti

HRN EN 16783:2017

Toplinsko-izolacijski proizvodi – Pravila za razvrstavanje proizvoda (PCR), za tvornički proizvedene i na licu mjesta oblikovane proizvode, u svrhu sastavljanja izjava o **utjecaju proizvoda na okoliš** (EN 16783:2017)

Thermal insulation products – Product category rules (PCR) for factory made and in-situ formed products for preparing environmental product declarations (EN 16783:2017)

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

• umjesto

HRN EN 17074:2019

Staklo u graditeljstvu – Izjava **zaštite okoliša** – Pravila za kategorizaciju proizvoda za proizvode od ravnog stakla (EN 17074:2019)

Glass in building – Environmental product declaration – Product category rules for flat glass products (EN 17074:2019)

• treba biti

HRN EN 17074:2019

Staklo u graditeljstvu – Izjava o **utjecaju proizvoda na okoliš** – Pravila za kategorizaciju proizvoda za proizvode od ravnog stakla (EN 17074:2019)

Glass in building – Environmental product declaration – Product category rules for flat glass products (EN 17074:2019)

• umjesto

HRN EN 17213:2020

Prozori i vrata – **Izjava zaštite okoliša** – Pravila za kategorizaciju proizvoda za prozore i vrata za pješake (EN 17213:2020)

Windows and doors – Environmental Product Declarations – Product category rules for windows and pedestrian doorsets (EN 17213:2020)

• treba biti

HRN EN 17213:2020

Prozori i vrata – **Izjave o utjecaju proizvoda na okoliš** – Pravila za kategorizaciju proizvoda za prozore i vrata za pješake (EN 17213:2020)

Windows and doors – Environmental Product Declarations – Product category rules for windows and pedestrian doorsets (EN 17213:2020)

HZN/TO 551, *Gradnja*

• umjesto

HRN EN 15804:2019

Održivost građevina – **Izjava zaštite okoliša** – Osnovna pravila za kategorizaciju građevnih proizvoda (EN 15804:2012+A2:2019)

Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products (EN 15804:2012+A2:2019)

• treba biti

HRN EN 15804:2019

Održivost građevina – **Izjave o utjecaju proizvoda na okoliš** – Osnovna pravila za kategorizaciju građevnih proizvoda (EN 15804:2012+A2:2019)

Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products (EN 15804:2012+A2:2019)

• umjesto

HRN ISO 21930:2009

Održivost pri gradnji zgrada – Izjava o **okolišu za građevne proizvode** (ISO 21930:2007)

Sustainability in building construction – Environmental declaration of building products (ISO 21930:2007)

• treba biti

HRN ISO 21930:2009

Održivost pri gradnji zgrada – Izjava o **utjecaju građevnih proizvoda na okoliš** (ISO 21930:2007)

Sustainability in building construction – Environmental declaration of building products (ISO 21930:2007)

HZN/TO 553, *Predgotovljeni proizvodi*

• umjesto

HRN EN ISO 10545-10:2021

Keramičke pločice – 10. dio: Određivanje širenja pod utjecajem vlage (ISO 10545-10:2021; EN ISO 10545-10:2021)

Ceramic tiles – Part 10: Determination of moisture expansion (ISO 10545-10:2021; EN ISO 10545-10:2021)

• treba biti

HRN EN ISO 10545-10:2021

Keramičke pločice – 10. dio: Određivanje širenja pod utjecajem vlage (ISO 10545-10:2021, **ispravljena verzija 2021-09**; EN ISO 10545-10:2021)

Ceramic tiles – Part 10: Determination of moisture expansion (ISO 10545-10:2021, **Corrected version 2021-09**; EN ISO 10545-10:2021)

- **umjesto**

HRN EN 16757:2017

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

- **treba biti**

HRN EN 16757:2017

Održivost građevina – **Izjave o utjecaju proizvoda na okoliš** – Pravila za kategorizaciju proizvoda za beton i betonske elemente (EN 16757:2017)
Sustainability of construction works – Environmental product declarations – Product Category Rules for concrete and concrete elements (EN 16757:2017)

HZN/TO 562, Alatni strojevi i alati

- **umjesto**

HRN EN 1870-7:2013

Sigurnost strojeva za obradu **drveta** – Kružne pile – 7. dio: Kružne pile za trupce s jednom pilom, s ugrađenim posmakom stola i ručnim ulaganjem i/ili odlaganjem (EN 1870-7:2012)
Safety of woodworking machines – Circular sawing machines – Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading (EN 1870-7:2012)

- **treba biti**

HRN EN 1870-7:2013

Sigurnost strojeva za obradu **drva** – Kružne pile – 7. dio: Kružne pile za trupce s jednom pilom, s ugrađenim posmakom stola i ručnim ulaganjem i/ili odlaganjem (EN 1870-7:2012)
Safety of woodworking machines – Circular sawing machines – Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading (EN 1870-7:2012)

- **umjesto**

HRN EN 1870-8:2013

Sigurnost strojeva za obradu **drveta** – Kružne pile – 8. dio: Kružne pile za krajčenje i paranje s pogonom kružne pile i ručnim ulaganjem i/ili odlaganjem (EN 1870-8:2012)
Safety of woodworking machines – Circular sawing machines – Part 8: Single blade edging circular rip sawing machines with power driven saw unit and manual loading and/or unloading (EN 1870-8:2012)

- **treba biti**

HRN EN 1870-8:2013

Sigurnost strojeva za obradu **drva** – Kružne pile – 8. dio: Kružne pile za krajčenje i paranje s pogonom kružne pile i ručnim ulaganjem i/ili odlaganjem (EN 1870-8:2012)
Safety of woodworking machines – Circular sawing machines – Part 8: Single blade edging circular rip sawing machines with power driven saw unit and manual loading and/or unloading (EN 1870-8:2012)

- **umjesto**

HRN EN 1870-9:2013

Sigurnost strojeva za obradu **drveta** – Kružne pile – 9. dio: Kružne pile s dvije pile za poprečno rezanje s ugrađenim posmakom i ručnim ulaganjem i/ili odlaganjem (EN 1870-9:2012)
Safety of woodworking machines – Circular sawing machines – Part 9: Double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading (EN 1870-9:2012)

- **treba biti**

HRN EN 1870-9:2013

Sigurnost strojeva za obradu **drva** – Kružne pile – 9. dio: Kružne pile s dvije pile za poprečno rezanje s ugrađenim posmakom i ručnim ulaganjem i/ili odlaganjem (EN 1870-9:2012)
Safety of woodworking machines – Circular sawing machines – Part 9: Double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading (EN 1870-9:2012)

- **umjesto**

HRN EN 1870-10:2013

Sigurnost strojeva za obradu **drveta** – Kružne pile – 10. dio: Podstolne automatske i poluautomatske klatne pile s jednom pilom (EN 1870-10:2013)
Safety of woodworking machines – Circular sawing machines – Part 10: Single blade automatic and semi-automatic up-cutting cross-cut sawing machines (EN 1870-10:2013)

- **treba biti**

HRN EN 1870-10:2013

Sigurnost strojeva za obradu **drva** – Kružne pile – 10. dio: Podstolne automatske i poluautomatske klatne pile s jednom pilom (EN 1870-10:2013)
Safety of woodworking machines – Circular sawing machines – Part 10: Single blade automatic and semi-automatic up-cutting cross-cut sawing machines (EN 1870-10:2013)

- **umjesto**

HRN EN 1870-11:2014

Sigurnost strojeva za obradu **drveta** – Kružne pile – 11. dio: Poluautomatske i automatske horizontalne kružne pile za poprečno rezanje s jednom pilom (radijalni nosač pile) (EN 1870-11:2013)
Safety of woodworking machines – Circular sawing machines – Part 11: Semi automatic horizontal cross-cut sawing machines with one saw unit (radial arm saws) (EN 1870-11:2013)

- **treba biti**

HRN EN 1870-11:2014

Sigurnost strojeva za obradu **drva** – Kružne pile – 11. dio: Poluautomatske i automatske horizontalne kružne pile za poprečno rezanje s jednom pilom (radijalni nosač pile) (EN 1870-11:2013)
Safety of woodworking machines – Circular sawing machines – Part 11: Semi automatic horizontal cross-cut sawing machines with one saw unit (radial arm saws) (EN 1870-11:2013)

- **umjesto**

HRN EN 1870-12:2014

Sigurnost strojeva za obradu **drveta** – Kružne pile – 12. dio: Klatne kružne pile za poprečno rezanje (EN 1870-12:2013)
Safety of woodworking machines – Circular sawing machines – Part 12: Pendulum cross-cut sawing machines (EN 1870-12:2013)

- **treba biti**

HRN EN 1870-12:2014

Sigurnost strojeva za obradu **drva** – Kružne pile – 12. dio: Klatne kružne pile za poprečno rezanje (EN 1870-12:2013)
Safety of woodworking machines – Circular sawing machines – Part 12: Pendulum cross-cut sawing machines (EN 1870-12:2013)

- **umjesto**

HRN EN 1870-15:2013

Sigurnost strojeva za obradu **drveta** – Kružne pile – 15. dio: Višelistne kružne pile s ugrađenim posmakom obratka i ručnim ulaganjem i/ili odlaganjem (EN 1870-15:2012)
Safety of woodworking machines – Circular sawing machines – Part 15: Multi-blade cross-cut sawing machines with integrated feed of the workpiece and manual loading and/or unloading (EN 1870-15:2012)

- **treba biti**

HRN EN 1870-15:2013

Sigurnost strojeva za obradu **drva** – Kružne pile – 15. dio: Višelistne kružne pile s ugrađenim posmakom obratka i ručnim ulaganjem i/ili odlaganjem (EN 1870-15:2012)
Safety of woodworking machines – Circular sawing machines – Part 15: Multi-blade cross-cut sawing machines with integrated feed of the workpiece and manual loading and/or unloading (EN 1870-15:2012)

- **umjesto**
HRN EN 1870-16:2013
Sigurnost strojeva za obradu **drveta** – Kružne pile – 16. dio: Pile za V-rezanje (EN 1870-16:2012)
Safety of woodworking machines – Circular sawing machines – Part 16: Double mitre sawing machines for V cutting (EN 1870-16:2012)

- **treba biti**
HRN EN 1870-16:2013
Sigurnost strojeva za obradu **drva** – Kružne pile – 16. dio: Pile za V-rezanje (EN 1870-16:2012)
Safety of woodworking machines – Circular sawing machines – Part 16: Double mitre sawing machines for V cutting (EN 1870-16:2012)

- **umjesto**
HRN EN 1870-17:2015
Sigurnost strojeva za obradu **drveta** – Kružne pile – 17. dio: Ručne horizontalne kružne pile s jednim listom (ručni radijalni nosač pile) (EN 1870-17:2012+A1:2015)
Safety of woodworking machines – Circular sawing machines – Part 17: Manual horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws) (EN 1870-17:2012+A1:2015)

- **treba biti**
HRN EN 1870-17:2015
Sigurnost strojeva za obradu **drva** – Kružne pile – 17. dio: Ručne horizontalne kružne pile s jednim listom (ručni radijalni nosač pile) (EN 1870-17:2012+A1:2015)
Safety of woodworking machines – Circular sawing machines – Part 17: Manual horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws) (EN 1870-17:2012+A1:2015)

- **umjesto**
HRN EN ISO 19085-2:2017
Strojevi za obradu **drveta** – Sigurnost – 2. dio: Horizontalne kružne pile za ploče s pritisnim uređajem (ISO 19085-2:2017, ispravljena verzija 2017-11-01; EN ISO 19085-2:2017)
Woodworking machines – Safety – Part 2: Horizontal beam panel circular sawing machines (ISO 19085-2:2017, Corrected version 2017-11-01; EN ISO 19085-2:2017)

- **treba biti**
HRN EN ISO 19085-2:2017
Strojevi za obradu **drva** – Sigurnost – 2. dio: Horizontalne kružne pile za ploče s pritisnim uređajem (ISO 19085-2:2017, ispravljena verzija 2017-11-01; EN ISO 19085-2:2017)
Woodworking machines – Safety – Part 2: Horizontal beam panel circular sawing machines (ISO 19085-2:2017, Corrected version 2017-11-01; EN ISO 19085-2:2017)

- **umjesto**
HRN EN ISO 19085-3:2018
Strojevi za obradu **drveta** – Sigurnost – 3. dio: Numeričko upravljani strojevi (NC) za bušenje i vođenje po krivulji (ISO 19085-3:2017; EN ISO 19085-3:2017)
Woodworking machines – Safety requirements – Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017; EN ISO 19085-3:2017)

- **treba biti**
HRN EN ISO 19085-3:2018
Strojevi za obradu **drva** – Sigurnost – 3. dio: Numeričko upravljani strojevi (NC) za bušenje i vođenje po krivulji (ISO 19085-3:2017; EN ISO 19085-3:2017)
Woodworking machines – Safety requirements – Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017; EN ISO 19085-3:2017)

- **umjesto**
HRN EN ISO 19085-4:2018
Strojevi za obradu **drveta** – Sigurnost – 4. dio: Vertikalne kružne pile za ploče (ISO 19085-4:2018; EN ISO 19085-4:2018)
Woodworking machines – Safety – Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018; EN ISO 19085-4:2018)

- **treba biti**
HRN EN ISO 19085-4:2018
Strojevi za obradu **drva** – Sigurnost – 4. dio: Vertikalne kružne pile za ploče (ISO 19085-4:2018; EN ISO 19085-4:2018)
Woodworking machines – Safety – Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018; EN ISO 19085-4:2018)

- **umjesto**
HRN EN ISO 19085-5:2017
Strojevi za obradu **drveta** – Sigurnost – 5. dio: Formatne pile (ISO 19085-5:2017; EN ISO 19085-5:2017)
Woodworking Machines – Safety – Part 5: Dimension saws (ISO 19085-5:2017; EN ISO 19085-5:2017)

- **treba biti**
HRN EN ISO 19085-5:2017
Strojevi za obradu **drva** – Sigurnost – 5. dio: Formatne pile (ISO 19085-5:2017; EN ISO 19085-5:2017)
Woodworking Machines – Safety – Part 5: Dimension saws (ISO 19085-5:2017; EN ISO 19085-5:2017)

- **umjesto**
HRN EN ISO 19085-9:2021
Strojevi za obradu **drveta** – Sigurnost – 9. dio: Kružne stolne pile (sa i bez klizne ploče) (ISO 19085-9:2019; EN ISO 19085-9:2020)
Woodworking machines – Safety – Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019; EN ISO 19085-9:2020)

- **treba biti**
HRN EN ISO 19085-9:2021
Strojevi za obradu **drva** – Sigurnost – 9. dio: Kružne stolne pile (sa i bez klizne ploče) (ISO 19085-9:2019; EN ISO 19085-9:2020)
Woodworking machines – Safety – Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019; EN ISO 19085-9:2020)

- **umjesto**
HRN EN ISO 19085-10:2020
Strojevi za obradu **drveta** – Sigurnost – 10. dio: Građevinske pile (ISO 19085-10:2018, ispravljena verzija 2019-12; EN ISO 19085-10:2019)
Woodworking machines – Safety – Part 10: Building site saws (contractor saws) (ISO 19085-10:2018, Corrected version 2019-12; EN ISO 19085-10:2019)

- **treba biti**
HRN EN ISO 19085-10:2020
Strojevi za obradu **drva** – Sigurnost – 10. dio: Građevinske pile (ISO 19085-10:2018, ispravljena verzija 2019-12; EN ISO 19085-10:2019)
Woodworking machines – Safety – Part 10: Building site saws (contractor saws) (ISO 19085-10:2018, Corrected version 2019-12; EN ISO 19085-10:2019)

- **umjesto**
HRN EN ISO 19085-10:2020/A11:2021
Strojevi za obradu **drveta** – Sigurnost – 10. dio: Građevinske pile (EN ISO 19085-10:2019/A11:2020)
Woodworking machines – Safety – Part 10: Building site saws (contractor saws) (EN ISO 19085-10:2019/A11:2020)

- **treba biti**
HRN EN ISO 19085-10:2020/A11:2021
Strojevi za obradu **drva** – Sigurnost – 10. dio: Građevinske pile (EN ISO 19085-10:2019/A11:2020)
Woodworking machines – Safety – Part 10: Building site saws (contractor saws) (EN ISO 19085-10:2019/A11:2020)

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

- **umjesto**
HRN EN ISO 4833-1:2013
Mikrobiologija **lanca** hrane – Horizontalna metoda za određivanje broja mikroorganizama – 1. dio: Određivanje broja kolonija pri 30 °C tehnikom zalijevanja podloge (ISO 4833-1:2013; EN ISO 4833-1:2013)
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 1: Colony count at 30 degrees C by the pour plate technique (ISO 4833-1:2013; EN ISO 4833-1:2013)

- **treba biti**
HRN EN ISO 4833-1:2013
Mikrobiologija **u lancu** hrane – Horizontalna metoda za određivanje broja mikroorganizama – 1. dio: Određivanje broja kolonija pri 30 °C tehnikom zalijevanja podloge (ISO 4833-1:2013; EN ISO 4833-1:2013)
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 1: Colony count at 30 degrees C by the pour plate technique (ISO 4833-1:2013; EN ISO 4833-1:2013)

• **umjesto**
HRN EN ISO 4833-2:2013
Mikrobiologija **lanca** hrane – Horizontalna metoda za određivanje broja mikroorganizama – 2. dio: Određivanje broja kolonija pri 30 °C tehnikom nasađivanja na površinu podloge (ISO 4833-2:2013; EN ISO 4833-2:2013)
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 2: Colony count at 30 degrees C by the surface plating technique (ISO 4833-2:2013; EN ISO 4833-2:2013)

• **treba biti**
HRN EN ISO 4833-2:2013
Mikrobiologija **u lancu** hrane – Horizontalna metoda za određivanje broja mikroorganizama – 2. dio: Određivanje broja kolonija pri 30 °C tehnikom nasađivanja na površinu podloge (ISO 4833-2:2013; EN ISO 4833-2:2013)
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 2: Colony count at 30 degrees C by the surface plating technique (ISO 4833-2:2013; EN ISO 4833-2:2013)

• **umjesto**
HRN EN ISO 4833-2:2013/Ispr.1:2014
Mikrobiologija **lanca** hrane – Horizontalna metoda za određivanje broja mikroorganizama – 2. dio: Određivanje broja kolonija pri 30 °C tehnikom nasađivanja na površinu podloge – Tehnički ispravak 1 (ISO 4833-2:2013/Cor 1:2014; EN ISO 4833-2:2013/AC:2014)
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 2: Colony count at 30 degrees C by the surface plating technique – Technical Corrigendum 1 (ISO 4833-2:2013/Cor 1:2014; EN ISO 4833-2:2013/AC:2014)

• **treba biti**
HRN EN ISO 4833-2:2013/Ispr.1:2014
Mikrobiologija **u lancu** hrane – Horizontalna metoda za određivanje broja mikroorganizama – 2. dio: Određivanje broja kolonija pri 30 °C tehnikom nasađivanja na površinu podloge – Tehnički ispravak 1 (ISO 4833-2:2013/Cor 1:2014; EN ISO 4833-2:2013/AC:2014)
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 2: Colony count at 30 degrees C by the surface plating technique – Technical Corrigendum 1 (ISO 4833-2:2013/Cor 1:2014; EN ISO 4833-2:2013/AC:2014)

• **umjesto**
HRI CEN ISO/TR 6579-3:2014
Mikrobiologija **lanca** hrane – Horizontalna metoda za dokazivanje, određivanje broja i serotipizaciju Salmonella – 3. dio: Smjernice za serotipizaciju Salmonella spp. (ISO/TR 6579-3:2014; CEN ISO/TR 6579-3:2014)
Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 3: Guidelines for serotyping of Salmonella spp. (ISO/TR 6579-3:2014; CEN ISO/TR 6579-3:2014)

• **treba biti**
HRI CEN ISO/TR 6579-3:2014
Mikrobiologija **u lancu** hrane – Horizontalna metoda za dokazivanje, određivanje broja i serotipizaciju Salmonella – 3. dio: Smjernice za serotipizaciju Salmonella spp. (ISO/TR 6579-3:2014; CEN ISO/TR 6579-3:2014)
Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 3: Guidelines for serotyping of Salmonella spp. (ISO/TR 6579-3:2014; CEN ISO/TR 6579-3:2014)

• **umjesto**
HRN EN ISO 16140-1:2016
Mikrobiologija **lanca** hrane – Validacija metode – 1. dio: Rječnik (ISO 16140-1:2016; EN ISO 16140-1:2016)
Microbiology of the food chain – Method validation – Part 1: Vocabulary (ISO 16140-1:2016; EN ISO 16140-1:2016)

• **treba biti**
HRN EN ISO 16140-1:2016
Mikrobiologija **u lancu** hrane – Validacija metode – 1. dio: Rječnik (ISO 16140-1:2016; EN ISO 16140-1:2016)
Microbiology of the food chain – Method validation – Part 1: Vocabulary (ISO 16140-1:2016; EN ISO 16140-1:2016)

• **umjesto**
HRN EN ISO 16140-2:2016
Mikrobiologija **lanca** hrane – Validacija metode – 2. dio: Protokol za validaciju alternativnih metoda prema referentnoj metodi (ISO 16140-2:2016; EN ISO 16140-2:2016)
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; EN ISO 16140-2:2016)

• **treba biti**
HRN EN ISO 16140-2:2016
Mikrobiologija **u lancu** hrane – Validacija metode – 2. dio: Protokol za validaciju alternativnih metoda prema referentnoj metodi (ISO 16140-2:2016; EN ISO 16140-2:2016)
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; EN ISO 16140-2:2016)

• **umjesto**
HRN EN ISO 17468:2016
Mikrobiologija **lanca** hrane – Tehnički zahtjevi i upute o uspostavljanju ili reviziji standardnih metoda (ISO 17468:2016; EN ISO 17468:2016)
Microbiology of the food chain – Technical requirements and guidance on establishment or revision of a standardized reference method (ISO 17468:2016; EN ISO 17468:2016)

• **treba biti**
HRN EN ISO 17468:2016
Mikrobiologija **u lancu** hrane – Tehnički zahtjevi i upute o uspostavljanju ili reviziji standardnih metoda (ISO 17468:2016; EN ISO 17468:2016)
Microbiology of the food chain – Technical requirements and guidance on establishment or revision of a standardized reference method (ISO 17468:2016; EN ISO 17468:2016)

• **umjesto**
HRN EN ISO 17604:2015
Mikrobiologija **lanca** hrane – Uzorkovanje životinjskih trupova za mikrobiološku analizu (ISO 17604:2015; EN ISO 17604:2015)
Microbiology of the food chain – Carcass sampling for microbiological analysis (ISO 17604:2015; EN ISO 17604:2015)

• **treba biti**
HRN EN ISO 17604:2015
Mikrobiologija **u lancu** hrane – Uzorkovanje životinjskih trupova za mikrobiološku analizu (ISO 17604:2015; EN ISO 17604:2015)
Microbiology of the food chain – Carcass sampling for microbiological analysis (ISO 17604:2015; EN ISO 17604:2015)

• **umjesto**
HRS CEN ISO/TS 17728:2015
Mikrobiologija **lanca** hrane – Postupci uzorkovanja za mikrobiološka ispitivanja uzoraka hrane i hrane za životinje (ISO/TS 17728:2015; CEN ISO/TS 17728:2015)
Microbiology of the food chain – Sampling techniques for microbiological analysis of food and feed samples (ISO/TS 17728:2015; CEN ISO/TS 17728:2015)

• **treba biti**
HRS CEN ISO/TS 17728:2015
Mikrobiologija **u lancu** hrane – Postupci uzorkovanja za mikrobiološka ispitivanja uzoraka hrane i hrane za životinje (ISO/TS 17728:2015; CEN ISO/TS 17728:2015)
Microbiology of the food chain – Sampling techniques for microbiological analysis of food and feed samples (ISO/TS 17728:2015; CEN ISO/TS 17728:2015)

• **umjesto**
HRS CEN ISO/TS 17919:2013
Mikrobiologija **lanca** hrane – Lančana reakcija polimerazom (PCR) za dokazivanje patogena koji se prenose hranom – Dokazivanje botulinum tipa A, B, E i F neurotoksin producirajućih klostridija (ISO/TS 17919:2013; CEN ISO/TS 17919:2013)
Microbiology of the food chain – Polymerase chain reaction (PCR) for the detection of food-borne pathogens – Detection of botulinum type A, B, E and F neurotoxin-producing clostridia (ISO/TS 17919:2013; CEN ISO/TS 17919:2013)

• **treba biti**
HRS CEN ISO/TS 17919:2013
Mikrobiologija **u lancu** hrane – Lančana reakcija polimerazom (PCR) za dokazivanje patogena koji se prenose hranom – Dokazivanje botulinum tipa A, B, E i F neurotoksin producirajućih klostridija (ISO/TS 17919:2013; CEN ISO/TS 17919:2013)
Microbiology of the food chain – Polymerase chain reaction (PCR) for the detection of food-borne pathogens – Detection of botulinum type A, B, E and F neurotoxin-producing clostridia (ISO/TS 17919:2013; CEN ISO/TS 17919:2013)

• **umjesto**
HRN EN ISO 18743:2015
Mikrobiologija **lanca** hrane – Dokazivanje prisutnosti Trichinella Larvae u mesu metodom umjetne probave (ISO 18743:2015; EN ISO 18743:2015)
Microbiology of the food chain – Detection of Trichinella Larvae in meat by artificial digestion method (ISO 18743:2015; EN ISO 18743:2015)

• **treba biti**
HRN EN ISO 18743:2015
Mikrobiologija **u lancu** hrane – Dokazivanje prisutnosti Trichinella Larvae u mesu metodom umjetne probave (ISO 18743:2015; EN ISO 18743:2015)
Microbiology of the food chain – Detection of Trichinella Larvae in meat by artificial digestion method (ISO 18743:2015; EN ISO 18743:2015)

• **umjesto**
HRN EN ISO 18744:2016
Mikrobiologija **lanca** hrane – Dokazivanje prisutnosti i određivanje broja Cryptosporidium i Giardia u svježem lisnatom zelenom povrću i bobičastom voću (ISO 18744:2016; EN ISO 18744:2016)
Microbiology of the food chain – Detection and enumeration of Cryptosporidium and Giardia in fresh leafy green vegetables and berry fruits (ISO 18744:2016; EN ISO 18744:2016)

• **treba biti**
HRN EN ISO 18744:2016
Mikrobiologija **u lancu** hrane – Dokazivanje prisutnosti i određivanje broja Cryptosporidium i Giardia u svježem lisnatom zelenom povrću i bobičastom voću (ISO 18744:2016; EN ISO 18744:2016)
Microbiology of the food chain – Detection and enumeration of Cryptosporidium and Giardia in fresh leafy green vegetables and berry fruits (ISO 18744:2016; EN ISO 18744:2016)

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

• **umjesto**
HRN EN 13613:2009
Sportska oprema za koturaljkanje – **Skejtbordevi** – Sigurnosni zahtjevi i metode ispitivanja (EN 13613:2009)
Roller sports equipment – Skateboards – Safety requirements and tests methods (EN 13613:2009)

• **treba biti**
HRN EN 13613:2009
Sportska oprema za koturaljkanje – **Skejtbordovi** – Sigurnosni zahtjevi i metode ispitivanja (EN 13613:2009)
Roller sports equipment – Skateboards – Safety requirements and tests methods (EN 13613:2009)

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

• **umjesto**
HRN HD 60364-8-2:2018/A11:2019
Niskonaponske električne instalacije – Dio 8-2: **Pametne** niskonaponske električne instalacije (HD 60364-8-2:2018/A11:2019)
Low-voltage electrical installations – Part 8-2: Prosumer's low-voltage electrical installations (HD 60364-8-2:2018/A11:2019)

• **treba biti**
HRN HD 60364-8-2:2018/A11:2019
Niskonaponske električne instalacije – Dio 8-2: Niskonaponske električne instalacije **potrošača-proizvođača** (HD 60364-8-2:2018/A11:2019)
Low-voltage electrical installations – Part 8-2: Prosumer's low-voltage electrical installations (HD 60364-8-2:2018/A11:2019)

HZN/TU U1, Opća elektrotehnika 1

• **umjesto**
HRN EN 61788-17:2013
Supravodljivost – 17. dio: Mjerenja elektroničkih karakteristika – Lokalna **kritična gustoća** struje i njezina raspodjela u **velike površine supravodičkih filmova** (IEC 61788-17:2013; EN 61788-17:2013)
Superconductivity – Part 17: Electronic characteristic measurements – Local critical current density and its distribution in large-area superconducting films (IEC 61788-17:2013; EN 61788-17:2013)

• **treba biti**
HRN EN 61788-17:2013
Supravodljivost – 17. dio: Mjerenja elektroničkih karakteristika – Lokalna **gustoća kritične** struje i njezina raspodjela u **supravodljivim slojevima velike površine** (IEC 61788-17:2013; EN 61788-17:2013)
Superconductivity – Part 17: Electronic characteristic measurements – Local critical current density and its distribution in large-area superconducting films (IEC 61788-17:2013; EN 61788-17:2013)

• **umjesto**
HRN HD 478.2.6 S1:2008
Klasifikacija uvjeta okoliša – 2. dio: Radni uvjeti koji se pojavljuju u prirodi – **Potres, vibracija i udar** (IEC 60721-2-6:1990; HD 478.2.6 S1:1993)
Classification of environmental conditions – Part 2: Environmental conditions appearing in nature – Earthquake vibration and shock (IEC 60721-2-6:1990; HD 478.2.6 S1:1993)

• **treba biti**
HRN HD 478.2.6 S1:2008
Klasifikacija uvjeta okoliša – 2. dio: Radni uvjeti koji se pojavljuju u prirodi – **Vibracije i udari uzrokovani potresom** (IEC 60721-2-6:1990; HD 478.2.6 S1:1993)
Classification of environmental conditions – Part 2: Environmental conditions appearing in nature – Earthquake vibration and shock (IEC 60721-2-6:1990; HD 478.2.6 S1:1993)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 548, *Konstruktivski eurokodovi*

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

HRN EN 1993-1-4:2014/A2:2021 hr-en pr-pp
Eurokod 3 – Projektiranje čeličnih konstrukcija – Dio 1-4:
Opća pravila – Dodatna pravila za nehrđajuće čelike
(EN 1993-1-4:2006/A2:2020)
Eurocode 3 – Design of steel structures – Part 1-4:
General rules – Supplementary rules for stainless steels
(EN 1993-1-4:2006/A2:2020)

TO Z2, *Ocjenjivanje sukladnosti i akreditacija*

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

HRN EN ISO/IEC 17065:2013 hr,en-en pr-pp
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode
certifikaciju proizvoda, procesa i usluga (ISO/IEC 17065:2012;
EN ISO/IEC 17065:2012)
Conformity assessment – Requirements for bodies certifying
products, processes and services (ISO/IEC 17065:2012;
EN ISO/IEC 17065:2012)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 459-2	Building lime – Part 2: Test methods	91.100.10	2021-07
EN 703	Agricultural machinery – Safety – Silage loading, mixing and/or chopping and distributing machines	65.060.99	2021-07
EN 1555-1	Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 1: General	23.040.01	2021-07
EN 1555-2	Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 2: Pipes	23.040.20	2021-07
EN 1555-3	Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 3: Fittings	23.040.45	2021-07
EN 1555-4	Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 4: Valves	23.060.99	2021-07
EN 1555-5	Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 5: Fitness for purpose of the system	23.040.01	2021-07
EN 12255-16	Wastewater treatment plants – Part 16: Physical (mechanical) filtration	13.060.30	2021-07
EN 12390-1	Testing hardened concrete – Part 1: Shape, dimensions and other requirements for specimens and moulds	91.100.30	2021-07
EN 12390-13	Testing hardened concrete – Part 13: Determination of secant modulus of elasticity in compression	91.100.30	2021-07
EN 12504-2	Testing concrete in structures – Part 2: Non-destructive testing – Determination of rebound number	91.100.30	2021-07
EN 12504-4	Testing concrete in structures – Part 4: Determination of ultrasonic pulse velocity	91.100.30	2021-07
EN 13209-1	Child care articles – Child carriers – Safety requirements and test methods – Part 1: Framed back carrier	97.190	2021-07
EN 13411-7	Terminations for steel wire ropes – Safety – Part 7: Symmetric wedge socket	21.060.70; 53.020.30	2021-07
EN 14031	Workplace exposure – Quantitative measurement of airborne endotoxins	13.040.30	2021-07
EN 14917	Metal bellows expansion joints for pressure applications	23.040.99	2021-07
EN 15339-2	Thermal spraying – Safety requirements for thermal spraying equipment – Part 2: Gas control units	25.220.20	2021-07
CEN/TR 15371-2	Safety of toys – Interpretations – Part 2: Replies to requests for interpretation of the chemical standards in the EN 71-series	97.200.50	2021-07
EN 15620	Steel static storage systems – Tolerances, deformations and clearances	53.080	2021-07
EN 15692	Ethanol as a blending component for gasoline – Determination of water content – Karl Fischer potentiometric titration method	75.160.20	2021-07
EN 16116-2	Railway applications – Design requirements for steps, handrails and associated access for staff – Part 2: Freight wagons	45.060.20	2021-07
EN 16907-7	Earthworks – Part 7: Hydraulic placement of extractive waste	93.020	2021-07
EN 17088	Side curtain ventilation systems – Safety	65.040.10; 91.140.30	2021-07
EN 17117-2	Rubber- or plastics-coated fabrics – Mechanical test methods under biaxial stress states – Part 2: Determination of the pattern compensation values	59.080.40	2021-07
EN 17168	Railway applications – Platform barrier systems	45.020; 45.120	2021-07
EN 17191	Children's Furniture – Seating for children – Safety requirements and test methods	97.140; 97.190	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
CEN/TR 17654	Guideline for the implementation of Exchange Information Requirements (EIR) and BIM Execution Plans (BEP) on European level based on EN ISO 19650-1 and -2	35.240.67; 91.010.01	2021-07
CEN/TR 17674	Bio-based products – Use of stable isotope ratios of Carbon, Hydrogen, Oxygen and Nitrogen as tools for verification of the origin of bio-based feedstock and characteristics of production processes – Overview of relevant existing applications	13.020.55; 71.040.40	2021-07
EN ISO 8130-2	Coating powders – Part 2: Determination of density by gas comparison pycnometer (referee method) (ISO 8130-2:2021)	87.040	2021-07
EN ISO 8130-3	Coating powders – Part 3: Determination of density by liquid displacement pycnometer (ISO 8130-3:2021)	87.040	2021-07
EN ISO 8130-5	Coating powders – Part 5: Determination of flow properties of a powder/air mixture (ISO 8130-5:2021)	87.040	2021-07
EN ISO 8130-6	Coating powders – Part 6: Determination of gel time of thermosetting coating powders at a given temperature (ISO 8130-6:2021)	87.040	2021-07
EN ISO 8130-8	Coating powders – Part 8: Assessment of the storage stability of thermosetting powders (ISO 8130-8:2021)	87.040	2021-07
EN ISO 8130-10	Coating powders – Part 10: Determination of deposition efficiency (ISO 8130-10:2021)	87.040	2021-07
EN ISO 8167	Resistance welding – Embossed projection welding – Projections for resistance welding (ISO 8167:2021)	25.160.30	2021-07
EN ISO 8847	Small craft – Steering gear – Cable over pulley systems (ISO 8847:2021)	47.080	2021-07
EN ISO 9235	Aromatic natural raw materials – Vocabulary (ISO 9235:2021)	01.040.71; 71.100.60	2021-07
EN ISO 10052	Acoustics – Field measurements of airborne and impact sound insulation and of service equipment sound – Survey method (ISO 10052:2021)	17.140.20; 91.120.20; 91.140.01	2021-07
EN ISO 10545-10	Ceramic tiles – Part 10: Determination of moisture expansion (ISO 10545-10:2021)	91.100.23	2021-07
EN ISO 10619-2	Rubber and plastics hoses and tubing – Measurement of flexibility and stiffness – Part 2: Bending tests at sub-ambient temperatures (ISO 10619-2:2021)	23.040.70	2021-07
EN ISO 10703	Water quality – Gamma-ray emitting radionuclides – Test method using high resolution gamma-ray spectrometry (ISO 10703:2021)	13.060.60; 17.240	2021-07
EN ISO 10873	Dentistry – Denture adhesives (ISO 10873:2021)	97.170	2021-07
EN ISO 11138-8	Sterilization of health care products – Biological indicators – Part 8: Method for validation of a reduced incubation time for a biological indicator (ISO 11138-8:2021)	11.080.01	2021-07
EN ISO 11146-1	Lasers and laser-related equipment – Test methods for laser beam widths, divergence angles and beam propagation ratios – Part 1: Stigmatic and simple astigmatic beams (ISO 11146-1:2021)	31.260	2021-07
EN ISO 11146-2	Lasers and laser-related equipment – Test methods for laser beam widths, divergence angles and beam propagation ratios – Part 2: General astigmatic beams (ISO 11146-2:2021)	31.260	2021-07
EN ISO 11199-2	Assistive products for walking manipulated by both arms – Requirements and test methods – Part 2: Rollators (ISO 11199-2:2021)	11.180.10	2021-07
EN ISO 12017	Plastics – Poly(methyl methacrylate) double- and triple-skin sheets – Test methods (ISO 12017:2021)	83.140.10	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 12759-5	Fans – Efficiency classification for fans – Part 5: Jet fans (ISO 12759-5:2021)	23.120	2021-07
EN ISO 13160	Water quality – Strontium 90 and strontium 89 – Test methods using liquid scintillation counting or proportional counting (ISO 13160:2021)	13.060.60; 17.240	2021-07
EN ISO 14021/A1	Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling) – Amendment 1: Carbon footprint, carbon neutral (ISO 14021:2016/Amd 1:2021)	13.020.50	2021-07
EN ISO 14852	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium – Method by analysis of evolved carbon dioxide (ISO 14852:2021)	83.080.01	2021-07
EN ISO 15192	Soil and waste – Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection (ISO 15192:2021)	13.080.10	2021-07
EN ISO 15253	Ophthalmic optics and instruments – Optical and electro-optical devices for enhancing low vision (ISO 15253:2021)	11.040.70	2021-07
EN ISO 15349-2	Unalloyed steel – Determination of low carbon content – Part 2: Infrared absorption method after combustion in an induction furnace (with preheating) (ISO 15349-2:2021)	77.080.20	2021-07
EN ISO 16181-2	Footwear – Critical substances potentially present in footwear and footwear components – Part 2: Determination of phthalate without solvent extraction (ISO 16181-2:2021)	61.060	2021-07
EN ISO 17225-5	Solid biofuels – Fuel specifications and classes – Part 5: Graded firewood (ISO 17225-5:2021)	27.190; 75.160.40	2021-07
EN ISO 17225-6	Solid biofuels – Fuel specifications and classes – Part 6: Graded non-woody pellets (ISO 17225-6:2021)	27.190; 75.160.40	2021-07
EN ISO 17225-7	Solid biofuels – Fuel specifications and classes – Part 7: Graded non-woody briquettes (ISO 17225-7:2021)	27.190; 75.160.40	2021-07
EN ISO 17225-9	Solid biofuels – Fuel specifications and classes – Part 9: Graded hog fuel and wood chips for industrial use (ISO 17225-9:2021)	27.190; 75.160.40	2021-07
EN ISO 19085-17	Woodworking machines – Safety – Part 17: Edge banding machines fed by chains (ISO 19085-17:2021)	79.120.10	2021-07
EN ISO 19111/A1	Geographic information – Referencing by coordinates – Amendment 1 (ISO 19111:2019/Amd 1:2021)	35.240.70	2021-07
EN ISO 19630	Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods of test for reinforcements – Determination of tensile properties of filaments at ambient temperature (ISO 19630:2017)	81.060.30	2021-07
EN ISO 19634	Fine ceramics (advanced ceramics, advanced technical ceramics) – Ceramic composites – Notations and symbols (ISO 19634:2017)	81.060.30	2021-07
EN ISO 20166-4	Molecular in vitro diagnostic examinations – Specifications for preexamination processes for formalin-fixed and paraffin-embedded (FFPE) tissue – Part 4: In situ detection techniques (ISO 20166-4:2021)	11.100.10	2021-07
EN ISO 20323	Fine ceramics (advanced ceramics, advanced technical ceramics) – Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure – Determination of tensile properties of tubes (ISO 20323:2018)	81.060.30	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 21388	Acoustics – Hearing aid fitting management (HAFM) (ISO 21388:2020)	11.020.10; 11.180.15; 17.140.01	2021-07
EN ISO 21654	Solid recovered fuels – Determination of calorific value (ISO 21654:2021)	75.160.10	2021-07
CEN ISO/TS 22115	Animal and vegetable fats and oils – Separation of lipid classes by capillary gas chromatography (fingerprint method) (ISO/TS 22115:2021)	67.200.10	2021-07
EN ISO 22748	Absorbent incontinence products for urine and/or faeces – Product type names and illustrations (ISO 22748:2021)	01.040.11; 11.180.20	2021-07
EN ISO 23162	Basic semen examination – Specification and test methods (ISO 23162:2021)	11.100.01	2021-07
CEN ISO/TR 29263	Cereals and cereal products – Sampling studies (ISO/TR 29263:2021)	67.060	2021-07
CEN ISO/TS 29843-2	Soil quality – Determination of soil microbial diversity – Part 2: Method by phospholipid fatty acid analysis (PLFA) using the simple PLFA extraction method (ISO/TS 29843-2:2021)	13.080.30	2021-07
EN ISO 80601-2-74	Medical electrical equipment – Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment (ISO 80601-2-74:2021)	11.040.10	2021-07

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50134-5	Alarm systems – Social alarm systems – Part 5: Interconnections and communications	13.320	2021-07
EN 50155	Railway applications – Rolling stock – Electronic equipment	45.060.01	2021-07
EN 50604-1/A1	Secondary lithium batteries for light EV (electric vehicle) applications – Part 1: General safety requirements and test methods	29.220.20	2021-07
CLC/TS 50701	Railway applications – Cybersecurity	35.030; 45.020	2021-07
CLC/TR 50713	Reasonably Foreseeable Use Conditions when referring to EMF Exposure Assessment	13.280	2021-07
CLC IEC/TS 60079-47	Explosive atmospheres – Part 47: Equipment protection by 2-wire intrinsically safe Ethernet concept (2-WISE) (IEC/TS 60079-47:2021)	29.260.20	2021-07
EN 60598-2-13/A11	Luminaires – Part 2-13: Particular requirements – Ground recessed luminaires	29.140.40	2021-07
EN 60601-1-6/A2	Medical electrical equipment – Part 1-6: General requirements for basic safety and essential performance – Collateral standard: Usability (IEC 60601-1-6:2010/A2:2020)	11.040.01	2021-07
EN 60601-1-8/A2	Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems (IEC 60601-1-8:2006/A2:2020)	11.040.55	2021-07
EN 60601-1-10/A2	Medical electrical equipment – Part 1-10: General requirements for basic safety and essential performance – Collateral Standard: Requirements for the development of physiologic closed-loop controllers (IEC 60601-1-10:2007/A2:2020)	11.040.01	2021-07
EN 60601-1-11/A1	Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment (IEC 60601-1-11:2015/A1:2020)	11.020.10; 11.040.01	2021-07
EN IEC 60601-2-1	Medical electrical equipment – Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV (IEC 60601-2-1:2020)	11.040.50	2021-07
EN IEC 60601-2-19	Medical electrical equipment – Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators (IEC 60601-2-19:2020)	11.040.10	2021-07
EN IEC 60601-2-21	Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers (IEC 60601-2-21:2020)	11.040.10	2021-07
EN IEC 60601-2-35	Medical electrical equipment – Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use (IEC 60601-2-35:2020)	11.140	2021-07
EN IEC 60601-2-50	Medical electrical equipment – Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment (IEC 60601-2-50:2020)	11.040.60	2021-07
EN IEC 60695-11-11	Fire hazard testing – Part 11-11: Test flames – Determination of the characteristic heat flux for ignition from a non-contacting flame source (IEC 60695-11-11:2021)	13.220.40; 19.020; 29.020	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61076-2-010	Connectors for electrical and electronic equipment – Product requirements – Part 2-010: Circular connectors – Detail specification for connectors with outer or inner push-pull locking mechanism, based on mating interfaces according to IEC 61076- 2-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-113 (IEC 61076-2-010:2021)	31.220.10	2021-07
EN IEC 61226	Nuclear power plants – Instrumentation, control and electrical power systems important to safety – Categorization of functions and classification of systems (IEC 61226:2020)	27.120.20	2021-07
EN IEC 61386-21	Conduit systems for cable management – Part 21: Particular requirements – Rigid conduit systems (IEC 61386-21:2021)	29.120.10	2021-07
EN IEC 61386-21/A11	Conduit systems for cable management – Part 21: Particular requirements – Rigid conduit systems	29.120.10	2021-07
EN IEC 61386-22	Conduit Systems for cable management – Part 22: Particular requirements – Pliable conduit systems (IEC 61386-22:2021)	29.120.10	2021-07
EN IEC 61386-22/A11	Conduit Systems for cable management – Part 22: Particular requirements – Pliable conduit systems	29.120.10	2021-07
EN IEC 61386-23	Conduit systems for cable management – Part 23: Particular requirements – Flexible conduit systems (IEC 61386-23:2021)	29.120.10	2021-07
EN IEC 61386-23/A11	Conduit systems for cable management – Part 23: Particular requirements – Flexible conduit systems	29.120.10	2021-07
EN 61534-1/A2	Powertrack systems – Part 1: General requirements (IEC 61534-1:2011/A2:2020)	29.060.10; 29.120.10; 29.140.50	2021-07
EN 61534-1/A11	Powertrack systems – Part 1: General requirements	29.060.10; 29.120.10; 29.140.50	2021-07
EN IEC 61869-13	Instrument transformers – Part 13: Stand-alone merging unit (SAMU) (IEC 61869-13:2021)	17.220.20	2021-07
EN 61996-1/A1	Maritime navigation and radiocommunication equipment and systems – Shipborne voyage data recorder (VDR) – Part 1: Performance requirements, methods of testing and required test results (IEC 61996-1:2013/A1:2021)	47.020.70	2021-07
EN IEC 62053-21/A11	Electricity metering equipment – Particular requirements – Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)	17.220.20; 91.140.50	2021-07
EN IEC 62053-22/A11	Electricity metering equipment – Particular requirements – Part 22: Static meters for AC active energy (classes 0,1 S, 0,2 S and 0,5 S)	17.220.20; 91.140.50	2021-07
EN IEC 62053-23/A11	Electricity metering equipment – Particular requirements – Part 23: Static meters for reactive energy (classes 2 and 3)	17.220.20; 91.140.50	2021-07
EN IEC 62053-24/A11	Electricity metering equipment – Particular requirements – Part 24: Static meters for fundamental component reactive energy (classes 0,5 S, 1 S, 1, 2 and 3)	17.220.20; 91.140.50	2021-07
EN IEC 62061	Safety of machinery – Functional safety of safety-related control systems (IEC 62061:2021)	13.110; 25.040.40; 25.040.99; 29.020	2021-07
EN IEC 62271-200	High-voltage switchgear and controlgear – Part 200: AC metal- enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-200:2021)	29.130.10	2021-07
EN IEC 62282-7-2	Fuel cell technologies – Part 7-2: Test methods – Single cell and stack performance tests for solid oxide fuel cells (SOFCs) (IEC 62282-7-2:2021)	27.070	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
CLC IEC/TR 62541-1	OPC unified architecture – Part 1: Overview and concepts (IEC/TR 62541-1:2020)	25.040.40; 35.200; 35.240.50	2021-07
CLC IEC/TR 62541-2	OPC unified architecture – Part 2: Security Model (IEC/TR 62541-2:2020)	25.040.40; 35.200; 35.240.50	2021-07
EN IEC/IEEE 62582-6	Nuclear power plants – Instrumentation and control important to safety – Electrical equipment condition monitoring methods – Part 6: Insulation resistance (IEC/IEEE 62582-6:2019)	27.120.20	2021-07
EN IEC 62855	Nuclear power plants – Electrical power systems – Electrical power systems analysis (IEC 62855:2016)	27.120.20	2021-07
EN IEC 62954	Nuclear power plants – Control rooms – Requirements for emergency response facilities (IEC 62954:2019)	27.120.20	2021-07
EN IEC 62990-2	Workplace atmospheres – Part 2: Gas detectors – Selection, installation, use and maintenance of detectors for toxic gases and vapours (IEC 62990-2:2021)	13.040.30; 29.260.20	2021-07
EN IEC 63056/AC	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems (IEC 63056:2020/COR1:2021)	29.220.30	2021-07

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 101331 V 1.8.1	Lawful Interception (LI) – Requirements of Law Enforcement Agencies	33.040.35	2021-07
ETSI TR 101550 V 1.1.3	Documents relevant to EN 301549 (V1.1.1) 'Accessibility requirements suitable for public procurement of ICT products and services in Europe'	33.040.01	2021-07
ETSI TS 102232-1 V 3.24.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 1: Handover specification for IP delivery	33.040.35	2021-07
ETSI TS 102232-2 V 3.13.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 2: Service-specific details for messaging services	33.040.35	2021-07
ETSI TS 102232-7 V 3.9.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 7: Service-specific details for Mobile Services	33.040.35	2021-07
ETSI TS 102241 V 10.0.0	Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 10)	35.240.15	2021-07
ETSI TS 102940 V 2.1.1	Intelligent Transport Systems (ITS) – Security – ITS communications security architecture and security management – Release 2	35.240.60	2021-07
ETSI TS 103106 V 1.6.1	Speech and multimedia Transmission Quality (STQ) – Speech quality performance in the presence of background noise: Background noise transmission for mobile terminals-objective test methods	33.040.01	2021-07
ETSI TS 103120 V 1.9.1	Lawful Interception (LI) – Interface for warrant information	33.040.35	2021-07
ETSI TS 103221-1 V 1.9.1	Lawful Interception (LI) – Internal Network Interfaces – Part 1: X1	33.040.35	2021-07
ETSI TS 103221-2 V 1.5.1	Lawful Interception (LI) – Internal Network Interfaces – Part 2: X2/X3	33.040.35	2021-07
ETSI TS 103280 V 2.6.1	Lawful Interception (LI) – Dictionary for common parameters	33.040.35	2021-07
ETSI TS 103326 V 1.2.1	Smart Body Area Network (SmartBAN) – Enhanced Ultra-Low Power Physical Layer	33.040.40; 35.110	2021-07
ETSI TS 103410-11 V 1.1.1	SmartM2M – Extension to SAREF – Part 11: Lift Domain	33.200	2021-07
ETSI TS 103558 V 1.3.1	Speech and multimedia Transmission Quality (STQ) – Methods for objective assessment of listening effort	33.040.01	2021-07
ETSI TS 103707 V 1.3.1	Lawful Interception (LI) – Handover for messaging services over HTTP/XML	33.040.35	2021-07
ETSI TR 103717 V 1.1.1	SmartM2M – Study for oneM2M – Discovery and Query specification development	33.200	2021-07
ETSI TS 103735 V 1.1.2	SmartM2M – Smart Lifts IoT System	33.200	2021-07
ETSI TR 103743 V 1.1.1	CYBER – Home Gateway Security Threat Analysis	33.040.99; 35.030	2021-07
ETSI TS 103816-1 V 1.1.1	Publicly Available Specification (PAS) – CYBER – Connecting Products based on MIKEY-SAKKE – Part 1: KMS Certificate Definition	33.040.99; 35.030	2021-07
ETSI TS 103816-2 V 1.1.1	Publicly Available Specification (PAS) – CYBER – Connecting Products based on MIKEY-SAKKE – Part 2: One-to-One Voice Communication	33.040.99; 35.030	2021-07
ETSI TS 103816-3 V 1.1.1	Publicly Available Specification (PAS) – CYBER – Connecting Products based on MIKEY-SAKKE Part 3: One-to-One Messaging	33.040.99; 35.030	2021-07
ETSI TS 103816-4 V 1.1.1	Publicly Available Specification (PAS) – CYBER – Connecting Products based on MIKEY-SAKKE – Part 4: Group Voice Communication	33.040.99; 35.030	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 103816-5 V 1.1.1	Publicly Available Specification (PAS) – CYBER – Connecting Products based on MIKEY-SAKKE – Part 5: Discovery	33.040.99; 35.030	2021-07
ETSI TS 119461 V 1.1.1	Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for trust service components providing identity proofing of trust service subjects	33.040.01	2021-07
ETSI TS 123122 V 16.10.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 16.10.0 Release 16)	33.070.50	2021-07
ETSI TS 123167 V 16.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 16.4.0 Release 16)	33.070.50	2021-07
ETSI TS 123216 V 16.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 16.5.0 Release 16)	33.070.50	2021-07
ETSI TS 123222 V 16.10.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 16.10.0 Release 16)	33.070.99	2021-07
ETSI TS 123273 V 16.7.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 16.7.0 Release 16)	33.070.50	2021-07
ETSI TS 123286 V 16.6.0	LTE – Application layer support for Vehicle-to-Everything (V2X) services – Functional architecture and information flows (3GPP TS 23.286 version 16.6.0 Release 16)	33.070.99	2021-07
ETSI TS 123288 V 16.8.0	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 16.8.0 Release 16)	33.070.50	2021-07
ETSI TS 123434 V 16.7.0	5G – Service Enabler Architecture Layer for Verticals (SEAL) – Functional architecture and information flows (3GPP TS 23.434 version 16.7.0 Release 16)	33.070.99	2021-07
ETSI TS 123501 V 16.9.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.9.0 Release 16)	33.070.50	2021-07
ETSI TS 123502 V 15.14.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.14.0 Release 15)	33.070.50	2021-07
ETSI TS 123502 V 16.9.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.9.0 Release 16)	33.070.50	2021-07
ETSI TS 123503 V 15.10.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 15.10.0 Release 15)	33.070.50	2021-07
ETSI TS 123503 V 16.9.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 16.9.0 Release 16)	33.070.50	2021-07
ETSI TS 124193 V 16.4.0	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 16.4.0 Release 16)	33.070.99	2021-07
ETSI TS 124229 V 16.10.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 16.10.0 Release 16)	33.070.50	2021-07
ETSI TS 124281 V 14.10.0	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 14.10.0 Release 14)	33.070.99	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124281 V 15.9.0	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 15.9.0 Release 15)	33.070.99	2021-07
ETSI TS 124281 V 16.5.0	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 16.5.0 Release 16)	33.070.99	2021-07
ETSI TS 124282 V 14.10.0	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 14.10.0 Release 14)	33.070.99	2021-07
ETSI TS 124282 V 15.9.0	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 15.9.0 Release 15)	33.070.99	2021-07
ETSI TS 124282 V 16.7.0	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 16.7.0 Release 16)	33.070.99	2021-07
ETSI TS 124379 V 15.11.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 15.11.0 Release 15)	33.070.99	2021-07
ETSI TS 124379 V 16.9.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 16.9.0 Release 16)	33.070.99	2021-07
ETSI TS 124483 V 14.9.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 14.9.0 Release 14)	33.070.99	2021-07
ETSI TS 124483 V 15.7.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 15.7.0 Release 15)	33.070.99	2021-07
ETSI TS 124483 V 16.6.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 16.6.0 Release 16)	33.070.99	2021-07
ETSI TS 124484 V 14.10.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 14.10.0 Release 14)	33.070.99	2021-07
ETSI TS 124484 V 15.9.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 15.9.0 Release 15)	33.070.99	2021-07
ETSI TS 124484 V 16.9.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 16.9.0 Release 16)	33.070.99	2021-07
ETSI TS 124486 V 16.4.0	LTE – 5G – Vehicle-to-Everything (V2X) Application Enabler (VAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.486 version 16.4.0 Release 16)	33.070.99	2021-07
ETSI TS 124502 V 16.8.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 16.8.0 Release 16)	33.070.99	2021-07
ETSI TS 124587 V 16.5.0	5G – Vehicle-to-Everything (V2X) services in 5G System (5GS) – Stage 3 (3GPP TS 24.587 version 16.5.0 Release 16)	33.070.99	2021-07
ETSI TS 126114 V 16.10.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 16.10.0 Release 16)	33.070.50	2021-07
ETSI TS 126118 V 16.3.0	5G – Virtual Reality (VR) profiles for streaming applications (3GPP TS 26.118 version 16.3.0 Release 16)	33.070.50	2021-07
ETSI TS 126223 V 13.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telepresence using the IP Multimedia Subsystem (IMS) – Media handling and interaction (3GPP TS 26.223 version 13.3.0 Release 13)	33.070.50	2021-07
ETSI TS 126223 V 14.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telepresence using the IP Multimedia Subsystem (IMS) – Media handling and interaction (3GPP TS 26.223 version 14.4.0 Release 14)	33.070.50	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126223 V 15.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telepresence using the IP Multimedia Subsystem (IMS) – Media handling and interaction (3GPP TS 26.223 version 15.2.0 Release 15)	33.070.50	2021-07
ETSI TS 126223 V 16.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telepresence using the IP Multimedia Subsystem (IMS) – Media handling and interaction (3GPP TS 26.223 version 16.4.0 Release 16)	33.070.50	2021-07
ETSI GR ENI 016 V 2.1.1	Experiential Networked Intelligence (ENI) – Functional Concepts for Modular System Operation	35.080; 35.110	2021-07
ETSI GR NFV-SEC 005 V 1.2.1	Network Functions Virtualisation (NFV) – Trust – Report on Certificate Management	35.110	2021-07
ETSI GR ZSM 010 V 1.1.1	Zero-touch network and Service Management (ZSM) – General Security Aspects	35.110	2021-07
ETSI GS MEC 028 V 2.2.1	Multi-access Edge Computing (MEC) – WLAN Access Information API	33.070.99	2021-07
ETSI GS NFV-SOL 001 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – NFV descriptors based on TOSCA specification	35.110	2021-07
ETSI GS NFV-SOL 002 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – RESTful protocols specification for the Ve-Vnfm Reference Point	33.040.40; 35.110	2021-07
ETSI GS NFV-SOL 003 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – RESTful protocols specification for the Or-Vnfm Reference Point	33.040.40; 35.110	2021-07
ETSI GS NFV-SOL 006 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – NFV descriptors based on YANG Specification	35.110	2021-07
ETSI GS NFV-SOL 010 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – VNF Snapshot Package specification	35.110	2021-07
ETSI GS NFV-SOL 013 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – Specification of common aspects for RESTful NFV MANO APIs	35.110	2021-07
EN 300132-3 V 2.2.1	Environmental Engineering (EE) – Power supply interface at the input of Information and Communication Technology (ICT) equipment – Part 3: Up to 400 V Direct Current (DC)	33.050.01	2021-07
EN 302307-2 V 1.3.1	Digital Video Broadcasting (DVB) – Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications – Part 2: DVB-S2 Extensions (DVB-S2X)	33.170	2021-07
EN 302567 V 2.2.1	Multiple-Gigabit/s radio equipment operating in the 60 GHz band – Harmonised Standard for access to radio spectrum	33.170	2021-07
EN 303423 V 1.3.1	Environmental Engineering (EE) – Electrical and electronic household and office equipment – Measurement of networked standby power consumption of Interconnecting equipment	33.050.01; 35.260; 97.030	2021-07
EN 303676 V 1.1.1	Navigation radar used on inland waterways – Operational, functional and technical requirements	33.060.20; 47.020.70	2021-07
EN 303758 V 1.1.1	TETRA radio equipment using non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz – Harmonised Standard for access to radio spectrum	33.070.10	2021-07

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 965-2 AMD 1	ISO general purpose metric screw threads – Tolerances – Part 2: Limits of sizes for general purpose external and internal screw threads – Medium quality; Amendment 1	21.040.10	2021-07
ISO 965-3	ISO general purpose metric screw threads – Tolerances – Part 3: Limit deviations for screw threads	21.040.10	2021-07
ISO 965-4	ISO general purpose metric screw threads – Tolerances – Part 4: Limits of sizes for hot-dip galvanized external screw threads to mate with internal screw threads tapped with tolerance position H or G after galvanizing	21.040.10	2021-07
ISO 965-5 AMD 1	ISO general purpose metric screw threads – Tolerances – Part 5: Limits of sizes for internal screw threads to mate with hot-dip galvanized external screw threads with maximum size of tolerance position h before galvanizing; Amendment 1	21.040.10	2021-07
ISO 1043-4	Plastics – Symbols and abbreviated terms – Part 4: Flame retardants	83.040.30; 83.080.01	2021-07
ISO 1143	Metallic materials – Rotating bar bending fatigue testing	77.040.10	2021-07
ISO 3011	Rubber- or plastics-coated fabrics – Determination of resistance to ozone cracking under static conditions	59.080.40	2021-07
ISO 3691-6	Industrial trucks – Safety requirements and verification – Part 6: Burden and personnel carriers	53.060	2021-07
ISO 3739-2	Industrial tyres and rims – Part 2: Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims – Load ratings	83.160.99	2021-07
ISO 4134	Meat and meat products – Determination of L-(+)-glutamic acid content – Reference method	67.120.10	2021-07
ISO 4254-1 AMD 1	Agricultural machinery – Safety – Part 1: General requirements; Amendment 1	65.060.01	2021-07
ISO 4954	Steels for cold heading and cold extruding	77.140.10; 77.140.20	2021-07
ISO 5116-1	Improving transparency in financial and business reporting – Harmonization topics – Part 1: European data point methodology for supervisory reporting	03.060	2021-07
ISO 5116-2	Improving transparency in financial and business reporting – Harmonization topics – Part 2: Guidelines for data point modelling	03.060	2021-07
ISO 5116-3	Improving transparency in financial and business reporting – Harmonization topics – Part 3: Mapping between DPM and MDM	03.060	2021-07
ISO 5287	Belt drives – V-belts for the automotive industry – Fatigue test	43.060.10	2021-07
ISO 6505	Rubber, vulcanized or thermoplastic – Determination of tendency to adhere to and corrode metals	83.060	2021-07
ISO 7010 AMD 3	Graphical symbols – Safety colours and safety signs – Registered safety signs; Amendment 3	01.080.10; 01.080.20	2021-07
ISO 8210	Equipment for harvesting – Combine harvesters – Test procedure and performance assessment	65.060.50	2021-07
ISO 9026	Raw rubber or unvulcanized compounds – Determination of green strength	83.040.10; 83.060	2021-07
ISO 10017	Quality management – Guidance on statistical techniques for ISO 9001:2015	03.120.10; 03.120.30	2021-07
ISO 10052	Acoustics – Field measurements of airborne and impact sound insulation and of service equipment sound – Survey method	17.140.20; 91.120.20; 91.140.01	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 10303-15	Industrial automation systems and integration – Product data representation and exchange – Part 15: Description methods: SysML XMI to XSD transformation	25.040.40	2021-07
ISO/TS 10303-16	Industrial automation systems and integration – Product data representation and exchange – Part 16: Description methods: SysML XMI to EXPRESS transformation	25.040.40	2021-07
ISO 10448	Agricultural tractors – Hydraulic pressure for implements	65.060.01	2021-07
ISO 10845-3	Construction procurement – Part 3: Standard conditions of tender	91.010.20	2021-07
ISO 10845-4	Construction procurement – Part 4: Standard conditions for the calling for expressions of interest	91.010.20	2021-07
ISO 10873	Dentistry – Denture adhesives	97.170	2021-07
ISO 11007-1	Petroleum products and lubricants – Determination of rust-prevention characteristics of lubricating greases – Part 1: Dynamic wet conditions	75.100	2021-07
ISO/TS 11007-2	Petroleum products and lubricants – Determination of rust-prevention characteristics of lubricating greases – Part 2: Method with water wash-out	75.100	2021-07
ISO 11138-8	Sterilization of health care products – Biological indicators – Part 8: Method for validation of a reduced incubation time for a biological indicator	11.080.01	2021-07
ISO 11146-1	Lasers and laser-related equipment – Test methods for laser beam widths, divergence angles and beam propagation ratios – Part 1: Stigmatic and simple astigmatic beams	31.260	2021-07
ISO 11146-2	Lasers and laser-related equipment – Test methods for laser beam widths, divergence angles and beam propagation ratios – Part 2: General astigmatic beams	31.260	2021-07
ISO 11199-2	Assistive products for walking manipulated by both arms – Requirements and test methods – Part 2: Rollators	11.180.10	2021-07
ISO 11592-2	Small craft – Determination of maximum propulsion power rating using manoeuvring speed – Part 2: Craft with a length of hull between 8 m and 24 m	47.080	2021-07
ISO 12135	Metallic materials – Unified method of test for the determination of quasistatic fracture toughness	77.040.10	2021-07
ISO 12925-3	Lubricants, industrial oils and related products (Class L) – Family C (gears) – Part 3: Specifications for greases for enclosed and open gear systems	75.100	2021-07
ISO 12934	Tractors and machinery for agriculture and forestry – Basic types – Vocabulary	01.040.65; 65.060.01	2021-07
ISO 13091-1 AMD 2	Mechanical vibration – Vibrotactile perception thresholds for the assessment of nerve dysfunction – Part 1: Methods of measurement at the fingertips; Amendment 2	13.160	2021-07
ISO 13160	Water quality – Strontium 90 and strontium 89 – Test methods using liquid scintillation counting or proportional counting	13.060.60; 17.240	2021-07
ISO 13163	Water quality – Lead-210 – Test method using liquid scintillation counting	13.060.60; 17.240	2021-07
ISO 13546	Copper concentrates – Determination of mercury content – Cold vapour atomic absorption spectrometric method	73.060.99	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 14021 AMD 1	Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling) – Amendment 1: Carbon footprint, carbon neutral	13.020.50	2021-07
ISO 14287	Plain bearings – Pad materials for tilting pad bearings	21.100.10	2021-07
ISO 14737	Carbon and low alloy cast steels for general applications	77.140.80	2021-07
ISO 15223-1	Medical devices – Symbols to be used with information to be supplied by the manufacturer – Part 1: General requirements	01.080.20; 11.040.01	2021-07
ISO 15349-2	Unalloyed steel – Determination of low carbon content – Part 2: Infrared absorption method after combustion in an induction furnace (with preheating)	77.080.20	2021-07
ISO 15765-4	Road vehicles – Diagnostic communication over Controller Area Network (DoCAN) – Part 4: Requirements for emissions-related systems	43.040.15; 43.180	2021-07
ISO 15864	Space systems – General test methods for spacecraft, subsystems and units	49.140	2021-07
ISO 15878	Road construction and maintenance equipment – Paver-finishers – Commercial specifications	01.040.93; 93.080.10	2021-07
ISO 15883-5	Washer-disinfectors – Part 5: Performance requirements and test method criteria for demonstrating cleaning efficacy	11.080.10	2021-07
ISO 16055	Tobacco and tobacco products – Monitor test piece for smoking machine – Requirements and use	65.160	2021-07
ISO/TS 16095	Reclaimed rubber derived from products containing mainly natural rubber – Evaluation procedure	83.040.10	2021-07
ISO/TS 16096	Reclaimed isobutene-isoprene (IIR) rubber – Evaluation procedure	83.040.10	2021-07
ISO 16505 AMD 1	Road vehicles – Ergonomic and performance aspects of Camera Monitor Systems – Requirements and test procedures – Amendment 1: ORP, FeV, MTF10MIN(1:1)/hor, MTF10MIN(1:1)/ver	13.180; 43.040.10	2021-07
ISO 16842	Metallic materials – Sheet and strip – Biaxial tensile testing method using a cruciform test piece	77.040.10	2021-07
ISO 17201-6	Acoustics – Noise from shooting ranges – Part 6: Sound pressure measurements close to the source for determining exposure to sound	13.140; 17.140.20; 95.020; 97.220.10	2021-07
ISO 17225-5	Solid biofuels – Fuel specifications and classes – Part 5: Graded firewood	27.190; 75.160.40	2021-07
ISO 17225-6	Solid biofuels – Fuel specifications and classes – Part 6: Graded non-woody pellets	27.190; 75.160.40	2021-07
ISO 17225-7	Solid biofuels – Fuel specifications and classes – Part 7: Graded non-woody briquettes	27.190; 75.160.40	2021-07
ISO 17225-9	Solid biofuels – Fuel specifications and classes – Part 9: Graded hog fuel and wood chips for industrial use	27.190; 75.160.40	2021-07
ISO 17664-1	Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices – Part 1: Critical and semi-critical medical devices	11.080.01	2021-07
ISO 19220	Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings – Styrene copolymer blends (SAN + PVC)	23.040.20; 91.140.80	2021-07
ISO 19749	Nanotechnologies – Measurements of particle size and shape distributions by scanning electron microscopy	07.120	2021-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 20166-4	Molecular in vitro diagnostic examinations – Specifications for preexamination processes for formalin-fixed and paraffin-embedded (FFPE) tissue – Part 4: In situ detection techniques	11.100.10	2021-07
ISO/TR 20736	Sludge recovery, recycling, treatment and disposal – Guidance on thermal treatment of sludge	13.030.20	2021-07
ISO 20947-1	Performance evaluation protocol for digital fitting systems – Part 1: Accuracy of virtual human body representation	61.020	2021-07
ISO/TS 21002	Road vehicles – Multidimensional measurement and coordinate systems definition	43.020	2021-07
ISO 21256-3	Fine bubble technology – Cleaning applications – Part 3: Test method for cleaning hard flooring surfaces	07.030	2021-07
ISO 21393	Genomics informatics – Omics Markup Language (OML)	35.240.80	2021-07
ISO 21524	Fire resistance tests – Elements of building construction – Requirements for active fire curtains	13.220.50	2021-07
ISO/TS 21569-2	Molecular biomarker analysis – Methods of analysis for the detection of genetically modified organisms and derived products – Part 2: Construct-specific real-time PCR method for detection of event FP967 in linseed and linseed products	67.050	2021-07
ISO/TR 21582	Pyrogenicity – Principles and methods for pyrogen testing of medical devices	11.100.20	2021-07
ISO/TS 21815-2	Earth-moving machinery – Collision warning and avoidance – Part 2: On-board J1939 communication interface	53.100	2021-07
ISO 21902	Tourism and related services – Accessible tourism for all – Requirements and recommendations	03.200.01	2021-07
ISO/TR 21916	Solid recovered fuels – Guidance for the specification of solid recovered fuels (SRF) for selected uses	75.160.10	2021-07
ISO 22018	Fertilizers, soil conditioners and beneficial substances – Determination of EDTA soluble phosphorus content in inorganic fertilizers	65.080	2021-07
ISO 22085-2	Intelligent transport systems (ITS) – Nomadic device service platform for micro mobility – Part 2: Functional requirements and dataset definitions	35.240.60; 43.040.15	2021-07
ISO 22104	Water quality – Determination of microcystins – Method using liquid chromatography and tandem mass spectrometry (LC-MS/MS)	13.060.50	2021-07
ISO 22197-4	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for air-purification performance of semiconducting photocatalytic materials – Part 4: Removal of formaldehyde	81.060.30	2021-07
ISO 22197-5	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for air-purification performance of semiconducting photocatalytic materials – Part 5: Removal of methyl mercaptan	81.060.30	2021-07
ISO/TR 22293	Evaluation of methods for assessing the release of nanomaterials from commercial, nanomaterial-containing polymer composites	07.120	2021-07
ISO/TS 22591	Space systems – Space-based services for a high accuracy positioning system with safety requirements	49.140	2021-07
ISO/TR 22639	Space systems – Design guidelines for multi-geo spacecraft collocation	49.140	2021-07
ISO 22733-1	Road vehicles – Test method to evaluate the performance of autonomous emergency braking systems – Part 1: Car-to-car	43.040.40	2021-07

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ISO 22737	Intelligent transport systems – Low-speed automated driving (LSAD) systems for predefined routes – Performance requirements, system requirements and performance test procedures	03.220.20; 35.240.60	2021-07
ISO 22748	Absorbent incontinence products for urine and/or faeces – Product type names and illustrations	01.040.11; 11.180.20	2021-07
ISO 22854	Liquid petroleum products – Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel – Multidimensional gas chromatography method	75.080	2021-07
ISO/TR 23107	Criteria for assessment of new extinguishants for inclusion in the ISO 14520 series	13.220.10	2021-07
ISO 23152	Ships and marine technology – Ballast water management systems (BWMS) – Computational physical modelling and calculations on scaling of UV reactors	47.020.99	2021-07
ISO 23157	Determination of the silanol group content on the surface of fumed silica – Reaction gas chromatographic method	87.060.10	2021-07
ISO 23162	Basic semen examination – Specification and test methods	11.100.01	2021-07
ISO 23223	Alpine ski boots with improved walking soles – Interface with alpine ski-bindings – Requirements and test methods	97.220.20	2021-07
ISO 23331	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for total electrical conductivity of conductive fine ceramics	81.060.30	2021-07
ISO 23517	Plastics – Soil biodegradable materials for mulch films for use in agriculture and horticulture – Requirements and test methods regarding biodegradation, ecotoxicity and control of constituents	65.020.20; 83.140.10	2021-07
ISO/TS 23521	Road vehicles – Calibration procedure for displacement devices	43.020	2021-07
ISO 23731	Marine technology – Marine environment impact assessment (MEIA) – Performance specification for in situ image-based surveys in deep seafloor environments	13.020.30; 47.020.01	2021-07
ISO 23732	Marine technology – Marine environment impact assessment (MEIA) – General protocol for observation of meiofaunal community	13.020.30; 47.020.01	2021-07
ISO 23734	Marine technology – Marine environment impact assessment (MEIA) – On-board bioassay to monitor seawater quality using delayed fluorescence of microalga	13.020.30; 47.020.01	2021-07
ISO 23767	Children's furniture – Mattresses for cots and cribs – Safety requirements and test methods	97.140	2021-07
ISO 23776	Meat and meat products – Determination of total phosphorous content	67.120.10	2021-07
ISO 23869	Building and civil engineering sealants – Determination of self-levelling properties	91.100.50	2021-07
ISO 23886	Aerospace – Collar, threaded, self-locking – Test method for torque and preload	49.030.99	2021-07
ISO 23887	Aerospace – Blind fasteners, threaded type, self-locking – Test method for locking torque	49.030.99	2021-07
ISO 23962	Traditional Chinese medicine – Processed Aconitum camichaelii lateral root	11.120.10	2021-07
ISO 24060	Ships and marine technology – Ship software logging system for operational technology	35.240.60; 47.020.99	2021-07

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ISO 24281	Textiles – Biaxial tensile properties of woven fabric – Determination of maximum force and elongation at maximum force using the grab method	59.080.30	2021-07
ISO 24568	Aerospace – Metric series pipe coupling 8°30' up to 28 000 kPa dynamic beam seal – Technical specification	49.080	2021-07
ISO/TR 29263	Cereals and cereal products – Sampling studies	67.060	2021-07
ISO/TS 29843-2	Soil quality – Determination of soil microbial diversity – Part 2: Method by phospholipid fatty acid analysis (PLFA) using the simple PLFA extraction method	13.080.30	2021-07
ISO 37002	Whistleblowing management systems – Guidelines	03.100.01; 03.100.02; 03.100.70	2021-07
ISO 37167	Smart community infrastructures – Smart transportation for energy saving operation by intentionally driving slowly	03.220.01; 13.020.20	2021-07
ISO 80601-2-74	Medical electrical equipment – Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment	11.040.10	2021-07
ISO/TS 82304-2	Health software – Part 2: Health and wellness apps – Quality and reliability	35.080; 35.240.80	2021-07

Međunarodna normizacija (IEC)

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IEC 60068-2-21	Environmental testing – Part 2-21: Tests – Test U: Robustness of terminations and integral mounting devices	19.040; 31.190	2021-07
IEC 60095-4	Lead-acid starter batteries – Part 4: Dimensions of batteries for heavy vehicles	29.220.20; 43.040.10	2021-07
IEC 60152	Designation of phase differences by hour numbers in three-phase AC systems	29.020	2021-07
IEC 60255-187-1	Measuring relays and protection equipment – Part 187-1: Functional requirements for differential protection – Restrained and unrestrained differential protection of motors, generators and transformers	29.120.70	2021-07
IEC 60317-84	Specifications for particular types of winding wires – Part 84: Polyesterimide enamelled round copper wire, class 200	29.060.10	2021-07
IEC 60320-1	Appliance couplers for household and similar general purposes – Part 1: General requirements	29.120.30	2021-07
IEC 60335-2-72	Household and similar electrical appliances – Safety – Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use	97.080	2021-07
IEC 60384-1	Fixed capacitors for use in electronic equipment – Part 1: Generic specification	31.060.10	2021-07
IEC 60384-24	Fixed capacitors for use in electronic equipment – Part 24: Sectional specification – Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte	31.060.40; 31.060.50	2021-07
IEC 60384-25	Fixed capacitors for use in electronic equipment – Part 25: Sectional specification – Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte	31.060.40; 31.060.50	2021-07
IEC 60404-6 AMD 1	Magnetic materials – Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens; Amendment 1	17.220.20; 29.030	2021-07
IEC 60404-6 Edition 3.1	Magnetic materials – Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens	17.220.20; 29.030	2021-07
IEC 60404-11	Magnetic materials – Part 11: Methods of measurement of the surface insulation resistance of electrical steel strip and sheet	17.220.01; 29.030	2021-07
IEC 60445	Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors	01.080.20; 13.110; 29.020	2021-07
IEC 60652	Overhead line structures – Loading tests	29.240.20	2021-07
IEC 60747-5-6	Semiconductor devices – Part 5-6: Optoelectronic devices – Light emitting diodes	31.080.99	2021-07
IEC 60794-1-401	Optical fibre cables – Part 1-401: Generic specification – Basic optical cable test procedures – Electrical test methods – Short-circuit test (for OPGW, OPPC and OPAC), Method H1	33.180.10	2021-07
IEC 60794-1-402	Optical fibre cables – Part 1-402: Generic specification – Basic optical cable test procedures – Electrical test methods – Lightning test (for OPGW, OPPC and OPAC), Method H2	33.180.10	2021-07

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IEC 60938-2	Fixed inductors for electromagnetic interference suppression – Part 2: Sectional specification on power line chokes	29.100.10; 29.180; 31.020	2021-07
IEC 60947-8	Low-voltage switchgear and controlgear – Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines	29.130.20	2021-07
IEC 61196-1-212	Coaxial communication cables – Part 1-212: Environmental test methods – UV stability	33.120.10	2021-07
IEC 61280-1-3	Fibre optic communication subsystem test procedures – Part 1-3: General communication subsystems – Measurement of central wavelength, spectral width and additional spectral characteristics	33.180.01	2021-07
IEC 61300-3-7	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-7: Examinations and measurements – Wavelength dependence of attenuation and return loss of single mode components	33.180.20	2021-07
IEC 61316	Industrial cable reels	29.060.01; 29.120.99	2021-07
IEC 61534-21 AMD 1	Powertrack systems – Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting; Amendment 1	29.060.10; 29.120.20; 29.140.50	2021-07
IEC 61534-21 Edition 2.1	Powertrack systems – Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting	29.060.10; 29.120.20; 29.140.50	2021-07
IEC 61534-22 AMD 1	Powertrack systems – Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation; Amendment 1	29.060.10; 29.120.20; 29.140.50	2021-07
IEC 61534-22 Edition 2.1	Powertrack systems – Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation	29.060.10; 29.120.20; 29.140.50	2021-07
IEC 61724-1	Photovoltaic system performance – Part 1: Monitoring	27.160	2021-07
IEC 61753-085-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 085-02: Non-connectorized single-mode pigtailed CWDM devices for category C – Indoor controlled environment	33.180.20	2021-07
IEC 61757-2-1	Fibre optic sensors – Part 2-1: Temperature measurement – Temperature sensors based on fibre Bragg gratings	33.180.99	2021-07
IEC 61757-5-1	Fibre optic sensors – Part 5-1: Tilt measurement – Tilt sensors based on fibre Bragg gratings	33.180.99	2021-07
IEC 61760-2	Surface mounting technology – Part 2: Transportation and storage conditions of surface mounting devices (SMD) – Application guide	31.240	2021-07
IEC 61936-1	Power installations exceeding 1 kV AC and 1,5 kV DC – Part 1: AC	29.020; 29.080.01; 29.240.01	2021-07
IEC 61937-11	Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 11: MPEG-4 AAC and its extensions and MPEG-D USAC in LATM/LOAS	33.160.30; 33.170; 35.040.40	2021-07
IEC 61966-2-4 AMD 2	Multimedia systems and equipment – Colour measurement and management – Part 2-4: Colour management – Extended-gamut YCC colour space for video applications – xvYCC; Amendment 2	17.180.20; 33.160.40	2021-07
IEC 61966-2-4 Edition 1.2	Multimedia systems and equipment – Colour measurement and management – Part 2-4: Colour management – Extended-gamut YCC colour space for video applications – xvYCC	17.180.20; 33.160.40	2021-07

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IEC/TR 62001-1	High-voltage direct current (HVDC) systems – Guidance to the specification and design evaluation of AC filters – Part 1: Overview	29.200; 31.160	2021-07
IEC 62056-3-1	Electricity metering data exchange – The DLMS/COSEM suite – Part 3-1: Use of local area networks on twisted pair with carrier signalling	17.220.20; 33.200; 35.110; 35.240.99; 91.140.50	2021-07
IEC 62133-2 AMD 1	Secondary cells and batteries containing alkaline or other non-acid electrolytes Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems; Amendment 1	29.220.30	2021-07
IEC 62133-2 Edition 1.1	Secondary cells and batteries containing alkaline or other non-acid electrolytes Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems	29.220.30	2021-07
IEC 62153-4-7	Metallic cables and other passive components test methods – Part 4-7: Electromagnetic compatibility (EMC) – Test method for measuring of transfer impedance ZT and screening attenuation aS or coupling attenuation aC of connectors and assemblies – Triaxial tube in tube method	33.120.10	2021-07
IEC 62271-100	High-voltage switchgear and controlgear – Part 100: Alternating-current circuit-breakers	29.130.10	2021-07
IEC 62271-101	High-voltage switchgear and controlgear – Part 101: Synthetic testing	29.130.10	2021-07
IEC 62271-112	High-voltage switchgear and controlgear – Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines	29.130.10; 29.130.99	2021-07
IEC 62423 Corrigendum 2	Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses; Corrigendum 1	29.120.50	2021-07
IEC 62530	SystemVerilog – Unified Hardware Design, Specification, and Verification Language	25.040.01; 35.060	2021-07
IEC 62530-2	SystemVerilog – Part 2: Universal Verification Methodology Language Reference Manual	25.040.01; 35.060	2021-07
IEC 62563-1 AMD 2	Medical electrical equipment – Medical image display systems – Part 1: Evaluation methods; Amendment 2	11.040.50; 11.040.55	2021-07
IEC 62563-1 Edition 1.2	Medical electrical equipment – Medical image display systems – Part 1: Evaluation methods	11.040.50; 11.040.55	2021-07
IEC/TS 62600-10	Marine energy – Wave, tidal and other water current converters – Part 10: Assessment of mooring system for marine energy converters (MECs)	27.140; 27.190	2021-07
IEC 62841-3-12 AMD 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-12: Particular requirements for transportable threading machines; Amendment 1	25.100.50; 25.140.20	2021-07
IEC 62841-3-12 Edition 1.1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-12: Particular requirements for transportable threading machines	25.100.50; 25.140.20	2021-07
IEC/TR 62878-2-8	Device embedding assembly technology – Part 2-8: Guidelines – Warpage control of active device embedded substrate	31.180; 31.190	2021-07
IEC/TR 62908-1-3	Touch and interactive displays – Part 1-3: Generic – General introduction to pen touch technology	31.120	2021-07
IEC/TR 63025	Insulating liquids – Quantitative determination of methanol and ethanol in insulating liquids	29.040.10	2021-07

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IEC 63148	Tracking systems for radioactive materials – Requirements	17.240; 27.120.01; 33.060.30; 35.240.60	2021-07
IEC 63296-1	Portable multimedia equipment – Determination of battery duration – Part 1: Powered loudspeaker equipment	33.160.50	2021-07
IEC/TR 63308	Virtual reality equipment and systems – Market, technology and standards requirements	31.120; 33.160.99; 35.140; 35.240.99	2021-07
ISO/IEC/IEEE 8802-1AE Technical Corrigendum 1	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 1AE: Media access control (MAC) security – Technical Corrigendum 1: Tag control information figure; Technical Corrigendum 1	35.110	2021-07
ISO/IEC 11160-2	Office equipment – Minimum information to be included in specification sheets – Part 2: Class 3 and Class 4 printers	35.180	2021-07
ISO/IEC 11770-7	Information security – Key management – Part 7: Cross-domain password-based authenticated key exchange	35.030	2021-07
ISO/IEC 14443-2 Technical Corrigendum 1	Cards and security devices for personal identification – Contactless proximity objects – Part 2: Radio frequency power and signal interface – Technical Corrigendum 1; Technical Corrigendum 1	35.240.15	2021-07
ISO/IEC 20919	Information technology – Linear tape file system (LTFS) Format specification	35.220.20	2021-07
ISO/IEC 23008-2 AMD 1	Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 2: High efficiency video coding – Amendment 1: Shutter interval information SEI message	35.040.40	2021-07
ISO/IEC 23090-2	Information technology – Coded representation of immersive media – Part 2: Omnidirectional media format	35.040.40	2021-07
ISO/IEC TR 29119-6	Software and systems engineering – Software testing – Part 6: Guidelines for the use of ISO/IEC/IEEE 29119 (all parts) in agile projects	35.080	2021-07
ISO/IEC 30165	Internet of Things (IoT) – Real-time IoT framework	35.020	2021-07