

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 877:2022 en pr
Cijevni sustavi od lijevanog željeza i njihovi dijelovi za odvodnju iz zgrada – Karakteristike i metode ispitivanja (EN 877:2021)
Cast iron pipe systems and their components for the evacuation of water from works – Characteristics and test methods (EN 877:2021)

HZN/TO 6, Papir, karton i pulpe

HRN ISO 6588-1:2022 en pr
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 1. dio: Hladna ekstrakcija (ISO 6588-1:2021)
Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction (ISO 6588-1:2021)

HRN ISO 6588-2:2022 en pr
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 2. dio: Vruća ekstrakcija (ISO 6588-2:2021)
Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction (ISO 6588-2:2021)

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

HRN EN ISO 17962:2015/A1:2022 en pr
Poljoprivredna mehanizacija – Oprema za sjetvu – Smanjenje utjecaja ispuha ventilatora pneumatskih sustava na okoliš (ISO 17962:2015/Amd 1:2021; EN ISO 17962:2015/A1:2022)
Agricultural machinery – Equipment for sowing – Minimization of the environmental effects of fan exhaust from pneumatic systems (ISO 17962:2015/Amd 1:2021; EN ISO 17962:2015/A1:2022)

HZN/TO 28, Naftni proizvodi i maziva

HRN EN ISO 8222:2020/A1:2022 en pr
Sustavi za mjerenje nafte – Umjeravanje – Volumetrijske mjere, ispitivanje spremnika i mjerenja na terenu (uključujući formule za svojstva tekućina i materijala) – Amandman 1: Ispravak dviju tipografskih pogrešaka (ISO 8222:2020/Amd 1:2022; EN ISO 8222:2020/A1:2022)
Petroleum measurement systems – Calibration – Volumetric measures, proving tanks and field measures (including formulae for properties of liquids and materials) – Amendment 1: Correction of two typographical errors (ISO 8222:2020/Amd 1:2022; EN ISO 8222:2020/A1:2022)

HZN/TO 43, Akustika

HRN EN ISO 3382-3:2022 en pr
Akustika – Mjerenje akustičkih parametara prostorija – 3. dio: Prostor bez pregrada (ISO 3382-3:2022; EN ISO 3382-3:2022)
Acoustics – Measurement of room acoustic parameters – Part 3: Open plan offices (ISO 3382-3:2022; EN ISO 3382-3:2022)

HZN/TO 71, Beton

HRN EN 12350-7:2019/Ispr.1:2022 en pr
Ispitivanje svježega betona – 7. dio: Sadržaj pora – Tlačne metode (EN 12350-7:2019/AC:2022)
Testing fresh concrete – Part 7: Air content – Pressure methods (EN 12350-7:2019/AC:2022)

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

HRN EN ISO 22044:2022 en pr
Komerijalne rashladne vitrine za hlađenje pića – Klasifikacija, zahtjevi i uvjeti ispitivanja (ISO 22044:2021; EN ISO 22044:2022)
Commercial beverage coolers – Classification, requirements and test conditions (ISO 22044:2021; EN ISO 22044:2022)

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

HRN EN ISO 3501:2022 en pr
Plastični cijevni sustavi – Mehanički spojevi spojnica i tlačnih cijevi – Metoda ispitivanja otpornosti na izvlačenje pod djelovanjem konstantne uzdužne sile (ISO 3501:2021; EN ISO 3501:2022)
Plastics piping systems – Mechanical joints between fittings and pressure pipes – Test method for resistance to pull-out under constant longitudinal force (ISO 3501:2021; EN ISO 3501:2022)

HRN EN ISO 16486-4:2022 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Cijevni sustavi od neomekšanog poliamida (PA-U) sa zavarivanjem i mehaničkim spajanjem – 4. dio: Ventili (ISO 16486-4:2022; EN ISO 16486-4:2022)
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 4: Valves (ISO 16486-4:2022; EN ISO 16486-4:2022)

HZN/TO 146, Kvaliteta zraka

HRN ISO 16000-6:2022 en pr
Zrak u zatvorenom prostoru – 6. dio: Određivanje organskih spojeva (VVOC, VOC, SVOC) u zatvorenom prostoru i komori za ispitivanje zraka uzorkovanjem pomoću sorbenta (adsorpcijskim sredstvom), toplinskom desorpcijom i plinskom kromatografijom uporabom MS ili MS-FID (ISO 16000-6:2021)
Indoor air – Part 6: Determination of organic compounds (VVOC, VOC, SVOC) in indoor and test chamber air by active sampling on sorbent tubes, thermal desorption and gas chromatography using MS or MS FID (ISO 16000-6:2021)

HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 16559:2022 en pr
Čvrsta biogoriva – Terminološki rječnik (ISO 16559:2022; EN ISO 16559:2022)
Solid biofuels – Vocabulary (ISO 16559:2022; EN ISO 16559:2022)

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 8611-1:2022 en pr
Palete za rukovanje materijalima – Plošne palete – 1. dio: Metode ispitivanja (ISO 8611-1:2021; EN ISO 8611-1:2022)
Pallets for materials handling – Flat pallets – Part 1: Test methods (ISO 8611-1:2021; EN ISO 8611-1:2022)

HRN EN ISO 8611-2:2022 en pr
Palete za rukovanje materijalima – Plošne palete – 2. dio: Izvedbeni zahtjevi i izbor načina ispitivanja (ISO 8611-2:2021; EN ISO 8611-2:2022)
Pallets for materials handling – Flat pallets – Part 2: Performance requirements and selection of tests (ISO 8611-2:2021; EN ISO 8611-2:2022)

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

HRN ISO 8794:2022 en pr
Čelična užad – Uplitanje omče na priveznici (ISO 8794:2020)
Steel wire ropes – Spliced eye terminations for slings (ISO 8794:2020)

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

HRN EN 13126-1:2022 en pr
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 1. dio: Zahtjevi zajednički za sve vrste okova (EN 13126-1:2022)
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 1: Requirements common to all types of hardware (EN 13126-1:2022)

HRN EN 13126-4:2022 en pr
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 4. dio: Mehanizmi zasuna (EN 13126-4:2022)
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 4: Espagnolettes (EN 13126-4:2022)

HRN EN 13126-13:2022 en pr
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 13. dio: Ravnotežni utezi krila (EN 13126-13:2022)
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 13: Sash balances (EN 13126-13:2022)

HRN EN 13126-14:2022 en pr
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 14. dio: Okretni zatvarači krila (EN 13126-14:2022)
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 14: Sash fasteners (EN 13126-14:2022)

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

HRN EN ISO 12179:2022 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Umjeravanje kontaktnih uređaja (s ticalom) (ISO 12179:2021; EN ISO 12179:2022)
Geometrical product specifications (GPS) – Surface texture: Profile method – Calibration of contact (stylus) instruments (ISO 12179:2021; EN ISO 12179:2022)

HRN EN ISO 21920-1:2022 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Profil – 1. dio: Oznaka teksture površine (ISO 21920-1:2021; EN ISO 21920-1:2022)
Geometrical product specifications (GPS) – Surface texture: Profile – Part 1: Indication of surface texture (ISO 21920-1:2021; EN ISO 21920-1:2022)

HRN EN ISO 21920-2:2022 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Profil – 2. dio: Nazivlje, definicije i parametri teksture površine (ISO 21920-2:2021; EN ISO 21920-2:2022)
Geometrical product specifications (GPS) – Surface texture: Profile – Part 2: Terms, definitions and surface texture parameters (ISO 21920-2:2021; EN ISO 21920-2:2022)

HRN EN ISO 21920-3:2022 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Profil – 3. dio: Operatori specifikacije (ISO 21920-3:2021; EN ISO 21920-3:2022)
Geometrical product specifications (GPS) – Surface texture: Profile – Part 3: Specification operators (ISO 21920-3:2021; EN ISO 21920-3:2022)

HRN EN ISO 25178-2:2022 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Ploštinska – 2. dio: Nazivi, definicije i parametri teksture površine (ISO 25178-2:2021; EN ISO 25178-2:2022)
Geometrical product specifications (GPS) – Surface texture: Areal – Part 2: Terms, definitions and surface texture parameters (ISO 25178-2:2021; EN ISO 25178-2:2022)

HZN/TO 544, Strojni elementi

HRN ISO 12167-2:2022 en pr
Klizni ležajevi – Hidrostatički radijalni klizni ležajevi s odvodnim kanalima u ustaljenom radu – 2. dio: Karakteristične vrijednosti za proračun radijalnih kliznih ležajeva podmazivanih uljem s odvodnim kanalima (ISO 12167-2:2021)
Plain bearings – Hydrostatic plain journal bearings with drainage grooves under steady-state conditions – Part 2: Characteristic values for the calculation of oil-lubricated plain journal bearings with drainage grooves (ISO 12167-2:2021)

HZN/TO 552, Društvena odgovornost

HRN ISO 37000:2022 en pr
Upravljanje organizacijama – Smjernice (ISO 37000:2021)
Governance of organizations – Guidance (ISO 37000:2021)

HRN ISO 37002:2022 en pr
Sustavi postupanja s prijavama nepravilnosti – Smjernice (ISO 37002:2021)
Whistleblowing management systems – Guidelines (ISO 37002:2021)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 10993-7:2008/A1:2022 en pr
Biološka procjena medicinskih proizvoda – 7. dio: Ostaci pri sterilizaciji etilen oksidom – Amandman 1: Primjenjivost dopuštenih granica za novorođenčad i dojenčad (ISO 10993-7:2008/Amd 1:2019; EN ISO 10993-7:2008/A1:2022)
Biological evaluation of medical devices – Part 7: Ethylene oxide sterilization residuals – Amendment 1: Applicability of allowable limits for neonates and infants (ISO 10993-7:2008/Amd 1:2019; EN ISO 10993-7:2008/A1:2022)

HRN EN ISO 20776-2:2022 en pr
Klinička laboratorijska ispitivanja i in vitro dijagnostički ispitni sustavi – Ispitivanje osjetljivosti infektivnih agenasa i procjena svojstava antimikrobne osjetljivosti ispitnih proizvoda – 2. dio: Procjena svojstava antimikrobne osjetljivosti ispitnih proizvoda na mikrorazrjeđivanje referentnim bujonom (ISO 20776-2:2021; EN ISO 20776-2:2022)
Clinical laboratory testing and in vitro diagnostic test systems – Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test – Part 2: Evaluation of performance of antimicrobial susceptibility test devices against reference broth micro-dilution (ISO 20776-2:2021; EN ISO 20776-2:2022)

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

HRN EN ISO 11114-5:2022 en pr
Plinske boce – Uskladivost materijala boce i ventila sa sadržanim plinom – 5. dio: Metode ispitivanja za ocjenjivanje plastičnih obloga (ISO 11114-5:2022; EN ISO 11114-5:2022)
Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 5: Test methods for evaluating plastic liners (ISO 11114-5:2022; EN ISO 11114-5:2022)

HRN EN 13480-3:2017/lzd.2:2022 en pr
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun (EN 13480-3:2017, 2. izdanje 2021-10)
Metallic industrial piping – Part 3: Design and calculation (EN 13480-3:2017, Issue 2 2021-10)

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

HRN EN ISO 4833-1:2013/A1:2022 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za određivanje broja mikroorganizama – 1. dio: Određivanje broja kolonija pri 30 °C tehnikom zalijevanja podloge – Amandman 1: Pojašnjenje područja primjene (ISO 4833-1:2013/Amd 1:2022; EN ISO 4833-1:2013/A1:2022)
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 1: Colony count at 30 °C by the pour plate technique – Amendment 1: Clarification of scope (ISO 4833-1:2013/Amd 1:2022; EN ISO 4833-1:2013/A1:2022)

HRN EN ISO 4833-2:2013/A1:2022 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za određivanje broja mikroorganizama – 2. dio: Određivanje broja kolonija pri 30 °C tehnikom zalijevanja podloge – Amandman 1: Pojašnjenje područja primjene (ISO 4833-2:2013/Amd 1:2022; EN ISO 4833-2:2013/A1:2022)
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 2: Colony count at 30 °C by the surface plating technique – Amendment 1: Clarification of scope (ISO 4833-2:2013/Amd 1:2022; EN ISO 4833-2:2013/A1:2022)

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

HRN ISO 10013:2022 en pr
Sustavi upravljanja kvalitetom – Smjernice za dokumentirane informacije (ISO 10013:2021)
Quality management systems – Guidance for documented information (ISO 10013:2021)

HRN ISO 10014:2022 en pr
Sustavi upravljanja kvalitetom – Upravljanje organizacijom radi ostvarenja rezultata u pogledu kvalitete – Smjernice za ostvarivanje financijske i ekonomske koristi (ISO 10014:2021)
Quality management systems – Managing an organization for quality results – Guidance for realizing financial and economic benefits (ISO 10014:2021)

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

HRN EN ISO/IEC 27007:2022 en pr
Informacijska sigurnost, kibernetička sigurnost i zaštita privatnosti – Smjernice za audit sustava upravljanja informacijskom sigurnošću (ISO/IEC 27007:2020; EN ISO/IEC 27007:2022)
Information security, cybersecurity and privacy protection – Guidelines for information security management systems auditing (ISO/IEC 27007:2020; EN ISO/IEC 27007:2022)

HZN/TO E9, Električna oprema za željeznicu

HRS CLC/TS 50238-3:2022 en pr
Željeznički sustav – Kompatibilnost između željezničkih vozila i sustava detekcije vlaka – 3. dio: Kompatibilnost s brojačima osovina (CLC/TS 50238-3:2022)
Railway applications – Compatibility between rolling stock and train detection systems – Part 3: Compatibility with axle counters (CLC/TS 50238-3:2022)

HZN/TO E17, Sklopi i upravljački uređaji

HRN EN IEC 61439-1:2021/Ispr.1:2022 en pr
Niskonaponski sklopni blokovi – 1. dio: Opća pravila (IEC 61439-1:2020/Corr.1:2021; EN IEC 61439-1:2021/AC:2022)
Low-voltage switchgear and controlgear assemblies – Part 1: General rules (IEC 61439-1:2020/Corr.1:2021; EN IEC 61439-1:2021/AC:2022)

HZN/TO E31, Eksplozivne atmosfere

HRN EN 15967:2022 en pr
Određivanje najvećeg tlaka eksplozije i najvećeg porasta tlaka plinova i para (EN 15967:2022)
Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours (EN 15967:2022)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN IEC 61970-456:2022 en pr
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 456. dio: Riješeni profili stanja elektroenergetskog sustava (IEC 61970-456:2021; EN IEC 61970-456:2022)
Energy management system application program interface (EMS-API) – Part 456: Solved power system state profiles (IEC 61970-456:2021; EN IEC 61970-456:2022)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN IEC 61223-3-7:2022 en pr
Vrednovanje i rutinska ispitivanja na odjelima za medicinsko snimanje – Dio 3-7: Ispitivanja prihvatljivosti i nepromjenljivosti – Učinkovitost snimanja rendgenske opreme za kompjutoriziranu tomografiju konusnim snopom (CBCT) u stomatologiji (IEC 61223-3-7:2021; EN IEC 61223-3-7:2022)
Evaluation and routine testing in medical imaging departments – Part 3-7: Acceptance and constancy tests – Imaging performance of X-ray equipment for dental cone beam computed tomography (IEC 61223-3-7:2021; EN IEC 61223-3-7:2022)

HRN EN IEC 81001-5-1:2022 en pr
Sigurnost, učinkovitost i zaštita zdravstvenog softvera i zdravstvenih informacijskih sustava – Dio 5-1: Sigurnost – Aktivnosti u životnom ciklusu proizvoda (IEC 81001-5-1:2021; EN IEC 81001-5-1:2022)
Health software and health IT systems safety, effectiveness and security – Part 5-1: Security – Activities in the product life cycle (IEC 81001-5-1:2021; EN IEC 81001-5-1:2022)

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

HRN EN IEC 60534-4:2022 en pr
Regulacijski ventili za industrijske procese – 4. dio: Inspekcija i rutinsko ispitivanje (IEC 60534-4:2021; EN IEC 60534-4:2022)
Industrial-process control valves – Part 4: Inspection and routine testing (IEC 60534-4:2021; EN IEC 60534-4:2022)

HRN EN IEC 62439-2:2022 en pr
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti – 2. dio: Protokol zalihosti sredstava (IEC 62439-2:2021; EN IEC 62439-2:2022)
Industrial communication networks – High availability automation networks – Part 2: Media Redundancy Protocol (MRP) (IEC 62439-2:2021; EN IEC 62439-2:2022)

HRN EN IEC 62439-3:2022 en pr
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti – 3. dio: Protokol usporedne zalihosti (PRP) i neograničene zalihosti velike raspoloživosti (HSR) (IEC 62439-3:2021; EN IEC 62439-3:2022)
Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR) (IEC 62439-3:2021; EN IEC 62439-3:2022)

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

HRN EN IEC 62288:2022 en pr
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Prikaz navigacijskih podataka na brodskim navigacijskim pokazivačima – Opći zahtjevi, metode ispitivanja i zahtijevani rezultati ispitivanja (IEC 62288:2021; EN IEC 62288:2022)
Maritime navigation and radiocommunication equipment and systems – Presentation of navigation-related information on shipborne navigational displays – General requirements, methods of testing and required test results (IEC 62288:2021; EN IEC 62288:2022)

HZN/TO E88, Vjetroagregati

HRN EN 61400-13:2016/A1:2022 en pr
Vjetroagregati – 13. dio: Mjerenje mehaničkih opterećenja (IEC 61400-13:2015/am1:2021; EN 61400-13:2016/A1:2022)
Wind turbines – Part 13: Measurement of mechanical loads (IEC 61400-13:2015/am1:2021; EN 61400-13:2016/A1:2022)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN IEC 55025:2022 en pr
Vozila, plovila i motori s unutarnjim izgaranjem – Značajke radio smetnja – Granične razine i metode mjerenja za zaštitu ugrađenih prijemnika (CISPR 25:2021; EN IEC 55025:2022)
Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers (CISPR 25:2021; EN IEC 55025:2022)

HRN EN 61000-3-3:2013/A2:2021/Ispr.1:2022 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013/am2:2021/Corr.1:2022; EN 61000-3-3:2013/A2:2021/AC:2022)
Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013/am2:2021/Corr.1:2022; EN 61000-3-3:2013/A2:2021/AC:2022)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 908-13 V13.2.1:2022 en pr
IMT celularne mreže – Harmonizirana norma za pristup radijskom spektru – 13. dio: Korisnička oprema (UE) za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA) (EN 301 908-13 V13.2.1:2022)
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) (EN 301 908-13 V13.2.1:2022)

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

HRN EN 17483-1:2022 en pr
Privatne zaštitarske usluge – Zaštita kritične infrastrukture – 1. dio: Opći zahtjevi (EN 17483-1:2021)
Private security services – Protection of critical infrastructure – Part 1: General requirements (EN 17483-1:2021)

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

HRN EN ISO 17463:2022 en pr
Boje i lakovi – Smjernice za određivanje antikorozijskih svojstava organskih prevlaka ubrzanim cikličkim elektrokemijskim postupkom (ISO 17463:2022; EN ISO 17463:2022)
Paints and varnishes – Guidelines for the determination of anticorrosive properties of organic coatings by accelerated cyclic electrochemical technique (ISO 17463:2022; EN ISO 17463:2022)

HZN/TU I2, Strojarstvo 2

HRN EN ISO 21363:2022 en pr
Nanotehnologije – Mjerenja raspodjele veličine i oblika čestica transmisijskom elektronskom mikroskopijom (ISO 21363:2020; EN ISO 21363:2022)
Nanotechnologies – Measurements of particle size and shape distributions by transmission electron microscopy (ISO 21363:2020; EN ISO 21363:2022)

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

HRN EN ISO 9713:2022 en pr
Neurokirurški implantati – Samozatvarajuće stezaljke za upotrebu kod intrakranijske aneurizme (ISO 9713:2022; EN ISO 9713:2022)
Neurosurgical implants – Self-closing intracranial aneurysm clips (ISO 9713:2022; EN ISO 9713:2022)

HZN/TU V1, Elektronika 1

HRN EN IEC 60749-39:2022 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 39. dio: Mjerenje difuzivnosti vlage i vodotopivosti u organskim materijalima koji se koriste u poluvodičkim komponentama (IEC 60749-39:2021; EN IEC 60749-39:2022)
Semiconductor devices – Mechanical and climatic test methods – Part 39: Measurement of moisture diffusivity and water solubility in organic materials used for semiconductor components (IEC 60749-39:2021; EN IEC 60749-39:2022)

HRN EN IEC 60794-1-219:2022 en pr
Svjetlovodni kabele – Dio 1-219: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Ispitivanje kompatibilnosti materijala, metoda F19 (IEC 60794-1-219:2021; EN IEC 60794-1-219:2022)
Optical fibre cables – Part 1-219: Generic specification – Basic optical cable test procedures – Material compatibility test, method F19 (IEC 60794-1-219:2021; EN IEC 60794-1-219:2022)

HRN EN IEC 61280-4-1:2019/A1:2022 en pr
Postupci ispitivanja svjetlovodnih komunikacijskih podsustava – Dio 4-1: Kabelska instalacija – Mjerenje prigušenja u višestrukom načinu rada (IEC 61280-4-1:2019/am1:2021; EN IEC 61280-4-1:2019/A1:2022)
Fibre-optic communication subsystem test procedures – Part 4-1: Installed cabling plant – Multimode attenuation measurement (IEC 61280-4-1:2019/am1:2021; EN IEC 61280-4-1:2019/A1:2022)

HRN EN IEC 61280-4-5:2020/Ispr.1:2022 en pr
Postupci ispitivanja svjetlovodnih komunikacijskih podsustava – Dio 4-5: Kabelska instalacija – Mjerenje prigušenja svjetlovodnih kabelskih instalacija s MPO završecima korištenjem ispitne opreme s MPO sučeljima (IEC 61280-4-5:2020/Corr.1:2022; EN IEC 61280-4-5:2020/AC:2022)
Fibre-optic communication subsystem test procedures – Part 4-5: Installed cabling plant – Attenuation measurement of MPO terminated fibre optic cabling plant using test equipment with MPO interfaces (IEC 61280-4-5:2020/Corr.1:2022; EN IEC 61280-4-5:2020/AC:2022)

HRN EN IEC 62037-6:2022 en pr
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 6. dio: Mjerenje pasivne intermodulacije u antenama (IEC 62037-6:2021; EN IEC 62037-6:2022)
Passive RF and microwave devices, intermodulation level measurement – Part 6: Measurement of passive intermodulation in antennas (IEC 62037-6:2021; EN IEC 62037-6:2022)

HRN EN IEC 63182-3:2022 en pr
Magnetske jezgre u prahu – Smjernice za dimenzije i granice površinskih nepravilnosti – 3. dio: E jezgre (IEC 63182-3:2021; EN IEC 63182-3:2022)
Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 3: E-cores (IEC 63182-3:2021; EN IEC 63182-3:2022)

HRN EN IEC 63182-4:2022 en pr
Magnetske jezgre u prahu – Smjernice za dimenzije i granice površinskih nepravilnosti – 4. dio: Blok jezgre (IEC 63182-4:2021; EN IEC 63182-4:2022)
Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 4: Block-cores (IEC 63182-4:2021; EN IEC 63182-4:2022)

HRN EN IEC 63182-5:2022 en pr
Magnetske jezgre u prahu – Smjernice za dimenzije i granice površinskih nepravilnosti – 5. dio: Jezgre cilindra (IEC 63182-5:2021; EN IEC 63182-5:2022)
Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 5: Cylinder-cores (IEC 63182-5:2021; EN IEC 63182-5:2022)

HRN EN IEC 63203-406-1:2022 en pr
Nosivi elektronički uređaji i tehnologije – Dio 406-1: Metoda ispitivanja za mjerenje površinske temperature elektroničkih uređaja koji se nose na zapešću dok su u dodiru s ljudskom kožom (IEC 63203-406-1:2021; EN IEC 63203-406-1:2022)
Wearable electronic devices and technologies – Part 406-1: Test method for measuring surface temperature of wrist-worn wearable electronic devices while in contact with human skin (IEC 63203-406-1:2021; EN IEC 63203-406-1:2022)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN IEC 60519-4:2022 en pr
Sigurnost u instalacijama za električno grijanje i elektromagnetsku obradu – 4. dio: Posebni zahtjevi za instalacije lučnih peći (IEC 60519-4:2021; EN IEC 60519-4:2022)
Safety in installations for electroheating and electromagnetic processing – Part 4: Particular requirements for arc furnace installations (IEC 60519-4:2021; EN IEC 60519-4:2022)

HRN EN IEC 60974-14:2018/Ispr.1:2022 en pr
Oprema za elektrolučno zavarivanje – 14. dio: Umjeravanje, provjera i ispitivanje konzistencije (IEC 60974-14:2018/Corr.1:2022; EN IEC 60974-14:2018/AC:2022)
Arc welding equipment – Part 14: Calibration, validation and consistency testing (IEC 60974-14:2018/Corr.1:2022; EN IEC 60974-14:2018/AC:2022)

HRN EN IEC 63174:2022 en pr
Električne četkice za zube – Metode za mjerenje značajki (IEC 63174:2021; EN IEC 63174:2022)
Electrically operated toothbrushes – Methods for measuring the performance (IEC 63174:2021; EN IEC 63174:2022)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

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

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

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

prEN ISO 187 en

Paper, board and pulps – Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples (ISO/DIS 187:2022)
Papir, karton i pulpe – Standardni klimatski uvjeti za održavanje i ispitivanje, te postupak za praćenje klimatskih uvjeta i održavanje uzoraka u takvim uvjetima (ISO/DIS 187:2022)

prEN ISO 535 en

Paper and board – Determination of water absorptiveness – Cobb method (ISO/DIS 535:2022)
Papir i karton – Određivanje upojnosti vode (sposobnosti upijanja vode) – Metoda po Cobbu (ISO/DIS 535:2022)

prEN ISO 3037 en

Corrugated fibreboard – Determination of edgewise crush resistance (non-waxed edge method) (ISO/DIS 3037:2022)
Valoviti karton – Određivanje otpornosti brida na pritisak (metoda nevoštanog brida) (metoda ECT) (ISO/DIS 3037:2022)

prEN ISO 12625-15 en

Tissue paper and tissue products – Part 15: Determination of optical properties – Measurement of brightness and colour with C/2° (indoor daylight) illuminant (ISO/DIS 12625-15:2022)
Tanki upijajući papiri (tissue) i proizvodi od tankoga upijajućeg papira – 15. dio: Određivanje optičkih svojstava – Mjerenje svjetline i boje pomoću rasvjetnog tijela C/2° (unutarnja dnevna svjetlost) (ISO/DIS 12625-15:2022)

HZN/TO 22, *Cestovna vozila*

prEN ISO 15118-20 en

Road vehicles – Vehicle to grid communication interface – Part 20: 2nd generation network layer and application layer requirements (ISO/DIS 15118-20:2022)
Cestovna vozila – Komunikacijsko sučelje između vozila i mreže – 20. dio: Mrežni sloj 2. generacije i zahtjevi za aplikacijski sloj (ISO/DIS 15118-20:2022)

HZN/TO 28, *Naftni proizvodi i maziva*

prEN 12177 en

Liquid petroleum products – Unleaded petrol – Determination of benzene content by gas chromatography
Tekući naftni proizvodi – Bezolovni motorni benzin – Određivanje količine benzena plinskom kromatografijom

prEN 15195 en

Liquid petroleum products – Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels by combustion in a constant volume chamber
Tekući naftni proizvodi – Određivanje odgode paljenja i izračunavanje cetanskog broja (DCN) srednje destilatnih goriva izgaranjem u komori konstantnog obujma

prEN 17306 en

Liquid petroleum products – Determination of distillation characteristics at atmospheric pressure – Micro-distillation
Tekući naftni proizvodi – Određivanje značajki destilacije pri atmosferskom tlaku – Mikrodestilacija

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

ISO 939:2021 en

Spices and condiments – Determination of moisture content
Mirodije i začini – Određivanje sadržaja vode

ISO 7301:2021 en

Rice – Specification
Riža – Specifikacija

ISO 7970:2021 en

Wheat (*Triticum aestivum* L.) – Specification
Pšenica (*Triticum aestivum* L.) – Specifikacija

ISO 11056:2021 en

Sensory analysis – Methodology – Magnitude estimation method
Senzorske analize – Metodologija – Metoda procjene veličine

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 12153 en

Welding consumables – Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys – Classification (ISO/DIS 12153:2022)
Dodatni i potrošni materijali za zavarivanje – Elektrode od žice punjene praškom za elektrolučno zavarivanje nikla i legura nikla, sa i bez zaštite plinom – Razredba (ISO/DIS 12153:2022)

HZN/TO 54, *Eterična ulja*

ISO 3065:2021 en

Essential oil of Eucalyptus, Australian type
Eterično ulje eukaliptusa, australski tip

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

prEN 15218 en

Air conditioners and liquid chilling packages with evaporatively cooled condenser and with electrically driven compressors for space cooling – Terms, definitions, test conditions, test methods and requirements
Klimatizacijski uređaji i rashladnici kapljevine s kondenzatorom hlađenim ishlapljivanjem i kompresorima na električni pogon namijenjeni za hlađenje prostora – Nazivi, definicije, uvjeti ispitivanja, metode ispitivanja i zahtjevi

HZN/TO 126, *Duhan i duhanski proizvodi*

ISO 6488:2021 en

Tobacco and tobacco products – Determination of water content – Karl Fischer method
Duhan i duhanski proizvodi – Određivanje udjela vode – Karl Fischerova metoda

ISO 10315:2021 en

Cigarettes – Determination of nicotine in total particulate matter from the mainstream smoke – Gas-chromatographic method
Cigarete – Određivanje nikotina u sirovom dimnom kondenzatu iz glavne struje dima – Metoda plinske kromatografije

HZN/TO 135, *Nerazorna ispitivanja*

prEN ISO 7963 en

Non-destructive testing – Ultrasonic testing – Specification for calibration block No. 2 (ISO/DIS 7963:2022)
Nerazorno ispitivanje – Ispitivanje ultrazvukom – Specifikacija radnog etalona br. 2 (ISO/DIS 7963:2022)

HZN/TO 163, *Toplinska izolacija*

prEN 17237 en

Thermal insulation products for buildings – External thermal insulation composite kits with a rendering system (ETIC kits) – Characteristics
Toplinsko-izolacijski proizvodi za zgrade – Kompleti za povezane sustave za vanjsku toplinsku izolaciju sa žbukama (ETIC kompleti) – Značajke

HZN/TO 211, Geoinformacije/Geomatika

prEN ISO 19123-3 en
Geographic information – Schema for coverage geometry and functions – Part 3: Processing fundamentals (ISO/DIS 19123-3:2022)

prEN ISO 19156 en
Geographic information – Observations, measurements and samples (ISO/DIS 19156:2022)

HZN/TO 503, Metalni materijali

prEN ISO 3785 en
Metallic materials – Designation of test specimen axes in relation to product texture (ISO/DIS 3785:2022)
Metalni materijali – Određivanje osi ispitnog uzorka u odnosu na teksturu poluproizvoda (ISO/DIS 3785:2022)

prEN ISO 5755 en
Sintered metal materials – Specifications (ISO/DIS 5755:2022)
Sinterirani metalni materijali – Specifikacije (ISO/DIS 5755:2022)

prEN 14242 en
Aluminium and aluminium alloys – Chemical analysis – Inductively coupled plasma optical emission spectral analysis
Aluminij i aluminijeve legure – Kemijska analiza – Optička emisijaska spektralna analiza s induktivnom spregnutom plazmom

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 6769 en
Vitreous and porcelain enamels – Determination of surface scratch hardness according to the Mohs scale (ISO/DIS 6769:2020)
Staklasti i porculanski emajli – Određivanje površinske tvrdoće prema Mohsu (ISO/DIS 6769:2020)

prEN ISO 13807 en
Vitreous and porcelain enamels – Determination of crack formation temperature in the thermal shock testing of enamels for the chemical industry (ISO/DIS 13807:2022)
Staklasti i porculanski emajli – Određivanje temperature nastajanja pukotine toplinskim šok-ispitivanjem emajlova za kemijsku industriju (ISO/DIS 13807:2022)

prEN ISO 28765 en
Vitreous and porcelain enamels – Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges (ISO/DIS 28765:2022)
Staklasti i porculanski emajli – Projektiranje čeličnih spremnika spojenih vijcima za skladištenje ili obradu vode ili komunalnih ili industrijskih ispusta i mulja (ISO/DIS 28765:2022)

HZN/TO 524, Inteligentni transportni sustavi

prEN ISO 14906 en
Electronic fee collection – Application interface definition for dedicated short-range communication (ISO/DIS 14906:2022)
Elektronička naplata – Definicije programskih sučelja za dodijeljeno kratkovažno područje komunikacije (ISO/DIS 14906:2022)

HZN/TO 528, Oprema za željeznice

prEN 15016-4 en
Railway applications – Technical documents – Part 4: Data exchange
Tehnički crteži – Željeznički sustav – 4. dio: Izmjena podataka

HZN/TO 533, Kolničke konstrukcije

prEN 13863-5 en
Concrete pavements – Part 5: Determination of the bond stress of dowels to be used in concrete pavements
Betonski kolnici – 5. dio: Određivanje čvrstoće prijanjanja moždanika za uporabu u betonskim kolnicima

prEN 13863-6 en
Concrete pavements – Part 6: Test method for the determination of the splitting tensile strength of concrete on cylindrical discs
Betonski kolnici – 6. dio: Metoda ispitivanja za određivanje vlačne čvrstoće betona cijepanjem valjaka

prEN 13877-1 en
Concrete pavements – Part 1: Materials
Betonski kolnici – 1. dio: Materijali

prEN 13877-2 en
Concrete pavements – Part 2: Functional requirements for concrete pavements
Betonski kolnici – 2. dio: Funkcionalni zahtjevi za betonske kolnike

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

EN 12758:2019/prA1 en
Glass in building – Glazing and airborne sound insulation – Product descriptions, determination of properties and extension rules
Staklo u graditeljstvu – Ostakljenje i izolacija od zvuka prenošenog zrakom – Opisi proizvoda, određivanje svojstava i proširena pravila

HZN/TO 551, Gradnja

ISO 6707-1:2020 en
Buildings and civil engineering works – Vocabulary – Part 1: General terms
Zgrade i inženjerske građevine – Terminološki rječnik – 1. dio: Opći nazivi

ISO 8930:2021 en
General principles on reliability for structures – Vocabulary
Opća načela pouzdanosti konstrukcija – Terminološki rječnik

ISO 13824:2020 en
Bases for design of structures – General principles on risk assessment of systems involving structures
Osnove projektiranja konstrukcija – Opća načela ocjenjivanja rizika konstrukcija koje uključuju sustave

HZN/TO 556, Osobna zaštitna oprema

prEN 1384 en
Helmets for equestrian activities
Kacige za konjičke aktivnosti

HZN/TO 557, Zaštitna odjeća

EN 407:2020/prA1 en
Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)
Zaštitne rukavice i ostala oprema za zaštitu ruku od toplinskih rizika (topline i/ili vatre)

EN 469:2020/prA1 en
Protective clothing for firefighters – Performance requirements for protective clothing for firefighting activities
Zaštitna odjeća za vatrogasce – Zahtjevi za svojstva zaštitne odjeće za vatrogasne intervencije

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN 16668 en
Industrial valves – Requirements and testing for metallic valves as pressure accessories
Industrijski zaporni uređaji – Zahtjevi i ispitivanje metalnih zapornih uređaja kao dijelova podvrgnutih tlaku

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

prEN 564 en
Mountaineering equipment – Accessory cords – Safety requirements and test methods
Planinarska oprema – Pomoćna užad – Sigurnosni zahtjevi i metode ispitivanja

EN 1177:2018+AC:2019/prA1:2022 en
Impact attenuating playground surfacing – Methods of test for determination of impact attenuation
Podloge za ublažavanje udara na igralištima – Metode ispitivanja za utvrđivanje svojstava ublažavanja udara

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

prEN ISO 21911-1 en
Solid recovered fuels – Determination of self-heating – Part 1: Isothermal calorimetry (ISO/DIS 21911-1:2022)

HZN/TO 573, Elektronički račun

EN 16931-1:2017+A1:2019/prA2 en
Electronic invoicing – Part 1: Semantic data model of the core elements of an electronic invoice
Elektronički račun – 1. dio: Semantički model podataka osnovnih elemenata elektroničkog računa

prEN 16931-8 en
Electronic invoicing – Part 8: Semantic data model of the elements of an e-receipt or a simplified electronic invoice

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

ISO 31022:2020 en
Risk management – Guidelines for the management of legal risk
Upravljanje rizikom – Smjernice za upravljanje pravnim rizikom

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

prEN 17813 en
Environmental matrices – Halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography detection and complementary determination methods

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

ISO/IEC 20000-1:2018 en
Information technology – Service management – Part 1: Service management system requirements

ISO/IEC 20000-2:2019 en
Information technology – Service management – Part 2: Guidance on the application of service management systems

ISO/IEC 20000-2:2019/Amd 1:2020 en
Information technology – Service management – Part 2: Guidance on the application of service management systems

ISO/IEC 20000-3:2019 en
Information technology – Service management – Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1

ISO/IEC 20000-6:2017 en
Information technology – Service management – Part 6: Requirements for bodies providing audit and certification of service management systems

ISO/IEC 20000-10:2018 en
Information technology – Service management – Part 10: Concepts and vocabulary

ISO/IEC 38500:2015 en
Information technology – Governance of IT for the organization

HZN/TO E9, Električna oprema za željeznicu

prEN 50617-1 en
Railway applications – Technical parameters of train detection systems for the interoperability of the trans-European railway system – Part 1: Track circuits
Željeznički sustav – Tehnički parametri sustava za detekciju vlaka – 1. dio: Kolosiječni strujni krugovi

prEN 50716 en
Cross-functional Software Standard for Railways

HZN/TO E14, Energetski transformatori

prEN IEC 60076-19:2022 en
Power transformers – Part 19: Rules for the determination of uncertainties in the measurement of the losses on power transformers (IEC 60076-19 ED1)
Energetski transformatori – 19. dio: Pravila za određivanje mjernih nesigurnosti kod mjerenja gubitaka na energetskim transformatorima i prigušnicama (IEC 60076-19 ED1)

HZN/TO E23, Električni instalacijski pribor

prEN IEC 62275:2022 en
Cable management systems – Cable ties for electrical installations (IEC 62275 ED4)
Sustavi za vođenje kabela – Kabelske vezice za električne instalacije (IEC 62275 ED4)

EN 62423:2012/prAB en
Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses
Strujne zaštitne sklopke tip F i tip B sa i bez združene nadstrujne zaštite za kućanstvo i slične primjene

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN IEC 62722-2-1:2022 en
Luminaire performance – Part 2-1: Particular requirements for LED luminaires (IEC 62722-2-1 ED2)
Značajke svjetiljki – Dio 2-1: Posebni zahtjevi za svjetiljke sa svjetlećim diodama (IEC 62722-2-1 ED2)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

prEN 60335-2-119:2022 en
Household and similar electrical appliances – Safety – Part 2-119: Particular requirements for commercial vacuum packaging appliances (IEC 60335-2-119:2021)

prEN IEC 60335-2-119:2022/prA11:2022 en
Household and similar electrical appliances – Safety – Part 2-119: Particular requirements for commercial vacuum packaging appliances

EN 60335-2-42:2003/prA12:2022 en
Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convective ovens
Kućanski i slični električni aparati – Sigurnost – Dio 2-42: Posebni zahtjevi za ugostiteljske električne pećnice s puhalom, parne tlačne pećnice i konvekcijske parne pećnice

EN 60335-2-47:2003/prA12:2022 en
Household and similar electrical appliances – Safety – Part 2-47: Particular requirements for commercial electric boiling pans
Kućanski i slični električni aparati – Sigurnost – Dio 2-47: Posebni zahtjevi za ugostiteljske električne kotlove

EN 60335-2-49:2003/prA12:2022 en
Household and similar electrical appliances – Safety – Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm

HZN/TO E62, Električna oprema u medicinskoj praksi

EN 60601-2-45:2011/prA2:2022 en
Medical electrical equipment – Part 2-45: Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices (IEC 60601-2-45/am2 ED3)
Medicinska električna oprema – Dio 2-45: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke mamografske rendgenske opreme i mamografskih stereotaktičkih naprava (IEC 60601-2-45/am2 ED3)

EN IEC 60601-2-83:2020/prA1:2022 en
Medical electrical equipment – Part 2-83: Particular requirements for the basic safety and essential performance of home light therapy equipment (IEC 60601-2-83/am1 ED1)
Medicinska električna oprema – Dio 2-83: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za svjetlosnu terapiju za kućnu uporabu (IEC 60601-2-83/am1 ED1)

prEN IEC 61676:2022 en
Medical electrical equipment – Dosimetric instruments used for non-invasive measurement of X-ray tube voltage in diagnostic radiology (IEC 61676 ED2)
Medicinska električna oprema – Uređaji za neinvazivno mjerenje zračenja rendgenske cijevi u dijagnostičkoj radiologiji (IEC 61676 ED2)

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

FprEN IEC 62714-2:2022 en

Engineering data exchange format for use in industrial automation systems engineering – Automation Markup Language – Part 2: Role class libraries (IEC 62714-2 ED2)
Format razmjene tehničkih podataka za uporabu u upravljanju industrijskim automatizacijskim sustavima – Viši jezik automatizacije (AutomationML) – 2. dio: Biblioteke razreda uloga (IEC 62714-2 ED2)

HZN/TO E79, Alarmni sustavi

EN 50136-2:2013/prA1 en

Alarm systems – Alarm transmission systems and equipment – Part 2: Requirements for Supervised Premises Transceiver (SPT)
Alarmni sustavi – Sustavi i uređaji za prijenos signala alarma – 2. dio: Zahtjevi za primopredajnik nadziranih objekata (SPT)

HZN/TO E81, Zaštita od munje

prEN IEC 62561-6:2022 en

Lightning protection system components (LPSC) – Part 6: Requirements for lightning strike counters (LSC) (IEC 62561-6 ED3)

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

prEN IEC 62680-1-2:2022 en

Universal serial bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery specification (IEC 62680-1-2 ED6)
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-2: Opći dijelovi – Specifikacija USB-a za isporuku energije (IEC 62680-1-2 ED6)

prEN IEC 62680-1-3:2022 en

Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-C® Cable and Connector Specification (IEC 62680-1-3 ED5)
Sučelja univerzalne serijske sabirnice za podatke i napajanje – Dio 1-3: Opći dijelovi – Specifikacija kabela i konektora za USB tipa C® (IEC 62680-1-3 ED5)

HZN/TO E501, Elektroakustika i ultrazvuk

FprEN IEC 60118-16:2022 en

Electroacoustics – Hearing aids – Part 16: Definition and verification of hearing aid features (IEC 60118-16 ED1)
Elektroakustika – Slušna pomagala – 16. dio: Definicija i verifikacija značajki slušnih pomagala (IEC 60118-16 ED1)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

prEN 50600-4-8 en

Information technology – Data centre facilities and infrastructures – Part 4-8: Carbon usage effectiveness
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 4-8: Učinkovitost korištenja ugljika

prEN 50600-4-9 en

Information technology – Data centre facilities and infrastructures – Part 4-9: Water Usage Effectiveness
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 4-9: Učinkovitost korištenja vode

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 300 176-2 V2.3.5:2022 en

Digital Enhanced Cordless Telecommunications (DECT) – Test specification – Part 2: Audio and speech
Digitalne poboljšane bežične telekomunikacije (DECT) – Ispitna specifikacija – 2. dio: Audio i govor

Draft EN 303 132 V2.0.1:2022 en

Maritime low power VHF personal locating beacons employing Digital Selective Calling (DSC Class M) – Harmonised Standard for access to radio spectrum and for features for emergency services
Pomorski VHF osobni radio farovi male snage koji primjenjuju digitalno selektivno pozivanje (DSC klase M) – Harmonizirana norma za pristup radijskom spektru i za svojstva hitnih službi

Draft EN 303 213-5-2 V1.0.1:2022 en

Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment – Sub-part 2: Reference and Vehicle Transmitters
Napredni sustav vođenja i kontrole kretanja površinom (A-SMGCS) – 5. dio: Harmonizirana norma za pristup radijskom spektru za opremu multilateracije (MLAT) – 2. poddio: Referentni i odašiljači vozila

Draft EN 319 532-4 V1.1.7:2022 en

Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) Services – Part 4: Interoperability profiles
Elektronički potpisi i infrastrukture (ESI) – Usluge registrirane elektroničke pošte (REM) – 4. dio: Profili interoperabilnosti

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

prEN 14499 en

Textile floor coverings – Classification of carpet underlays
Tekstilne podne obloge – Razredba podslojeva tepiha

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

prEN ISO 1522 en

Paints and varnishes – Pendulum damping test (ISO/DIS 1522:2022)
Boje i lakovi – Ispitivanje klatnom (ISO/DIS 1522:2022)

prEN ISO 3262-6 en

Extenders – Specifications and methods of test – Part 6: Precipitated calcium carbonate (ISO/DIS 3262-6:2022)
Punila – Specifikacije i metode ispitivanja – 6. dio: Istaloženi kalcijev karbonat (ISO/DIS 3262-6:2022)

prEN 13991 en

Derivatives from coal pyrolysis – Coal tar based oils: creosotes – Specifications and test methods
Derivati dobiveni pirolizom ugljena – Ulja bazirana na katranu kamenog ugljena: kreozotno ulje – Specifikacije i metode ispitivanja

prEN ISO 18314-2 en

Analytical colorimetry – Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, depth of shade, hiding power (ISO/DIS 18314-2:2022)
Analitička kolorimetrija – 2. dio: Saundersonova korekcija, rješenje Kubelka-Munkove jednadžbe, jakost obojenja, pokrivnost (ISO/DIS 18314-2:2022)

prEN ISO 18314-3 en

Analytical colorimetry – Part 3: Special indices (ISO/DIS 18314-3:2022)
Analitička kolorimetrija – 3. dio: Posebni indeksi (ISO/DIS 18314-3:2022)

prEN ISO/ASTM 52908 en

Additive manufacturing of metals – Finished Part properties – Post-processing, inspection and testing of parts produced by powder bed fusion (ISO/ASTM DIS 52908:2022)
Aditivna proizvodnja metala – Svojstva gotovih dijelova – Dorada, pregled i ispitivanje dijelova izrađenih stapanjem praškastih slojeva (ISO/ASTM DIS 52908:2022)

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

prEN ISO 3630-2 en

Dentistry – Endodontic instruments – Part 2: Enlargers (ISO/DIS 3630-2:2022)
Stomatologija – Endodontski instrumenti – 2. dio: Proširivači (ISO/DIS 3630-2:2022)

EN ISO 8362-2:2015/prA1:2022 en

Injection containers and accessories – Part 2: Closures for injection vials (ISO 8362-2:2015/DAmD 1:2022)
Posude za injekcije i pribor – 2. dio: Zatvarači za injekcijske bočice (ISO 8362-2:2015/DAmD 1:2022)

HZN/TU U1, Opća elektrotehnika 1

prEN IEC 60404-3:2022 en

Magnetic materials – Part 3: Methods of measurement of the magnetic properties of electrical steel strip and sheet by means of a single sheet tester (IEC 60404-3 ED3)
Magnetski materijali – 3. dio: Metode mjerenja magnetskih svojstava električne čelične trake i lima pomoću ispitivača pojedinačnih limova (IEC 60404-3 ED3)

prEN IEC 60404-12:2022 en
Magnetic materials – Part 12: Methods of test for the assessment of thermal endurance of surface insulation coatings on electrical steel strip and sheet (IEC 60404-12 ED2)
Magnetski materijali – 12. dio: Metode ispitivanja za procjenu toplinske izdržljivosti površinskih izolacijskih premaza na električnim čeličnim trakama i limovima (IEC 60404-12 ED2)

HZNTU V1, Elektronika 1

prEN IEC 60793-1-1:2022 en
Optical fibres – Part 1-1: Measurement methods and test procedures – General and guidance (IEC 60793-1-1 ED5)

prEN IEC 60794-1-1:2022 en
Optical fibre cables – Part 1-1: Generic specification – General (IEC 60794-1-1 ED5)

prEN IEC 60794-1-305:2022 en
Optical fibre cables – Part 1-305: Generic specifications – Basic optical cable test procedures – Cable element test methods – Ribbon tear (separability), Method G5 (IEC 60794-1-305 ED1)

prEN IEC 60794-1-309:2022 en
Optical fibre cables – Part 1-309: Generic specification – Basic optical cable test procedures – Cable element test methods- Bleeding and evaporation of filling or flooding compounds, Method G9 (IEC 60794-1-309 ED1)

prEN IEC 60794-2-10:2022 en
Optical fibre cables – Part 2-10: Indoor optical fibre cables – Family specification for simplex and duplex cables (IEC 60794-2-10 ED3)

prEN IEC 61300-3-45:2022 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-45: Examinations and measurements – Attenuation of random mated multi-fibre connectors (IEC 61300-3-45 ED2)

prEN IEC 61754-37:2022 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 37: Type MDC connector family (IEC 61754-37 ED1)

prEN IEC 63299:2022 en
Classification of magnetic powder cores (IEC 63299 ED1)

prEN IEC 63300:2022 en
Test methods for electrical and magnetic properties of magnetic powder cores (IEC 63300 ED1)

HZNTU W1, Energetska elektrotehnika 1

prEN 50194-1 en
Electrical apparatus for the detection of flammable gases in household and non-industrial premises – Part 1: Test methods and performance requirements

prEN IEC 60691:2022 en
Thermal-links – Requirements and application guide (IEC 60691 ED5)
Toplinski zaštitni ulošci – Zahtjevi i upute za primjenu (IEC 60691 ED5)

prEN IEC 61558-2-20:2022 en
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-20: Particular requirements and tests for small reactors (IEC 61558-2-20 ED3)
Sigurnost transformatora, prigušnica, jedinica za napajanje i kombinacija od toga – Dio 2-20: Posebni zahtjevi i ispitivanja za male prigušnice (IEC 61558-2-20 ED3)

prEN IEC 61812-1:2022 en
Time relays and coupling relays for industrial and residential use – Part 1: Requirements and tests (IEC 61812-1 ED3)

prEN IEC 62246-4:2022 en
Reed switches – Part 4: Application in conjunction with Magnetic Actuator used for Magnetic Sensing Devices (IEC 62246-4 ED1)

EN IEC 62281:2019/prA2:2022 en
Safety of primary and secondary lithium cells and batteries during transport (IEC 62281/am2 ED4)
Sigurnost primarnih i sekundarnih litijevih članaka i baterija tijekom transporta (IEC 62281/am2 ED4)

prEN IEC 62282-4-102:2022 en
Fuel cell technologies – Part 4-102: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) – Fuel cell power systems for electrically powered industrial trucks – Performance test methods (IEC 62282-4-102 ED2)

prEN IEC 62841-2-12:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-12: Particular requirements for hand-held concrete vibrators (IEC 62841-2-12 ED1)

prEN IEC 62841-2-12/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-12: Particular requirements for hand-held concrete vibrators

prEN IEC 62841-2-16:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-16: Particular requirements for hand-held fastener driving tools (IEC 62841-2-16 ED1)

prEN IEC 62841-2-16/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-16: Particular requirements for hand-held fastener driving tools

prEN IEC 62841-2-18:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-18: Particular requirements for hand-held strapping tools (IEC 62841-2-18 ED1)

prEN IEC 62841-2-18/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-18: Particular requirements for hand-held strapping tools

prEN IEC 62841-2-19:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-19: Particular requirements for hand-held jointers (IEC 62841-2-19 ED1)

prEN IEC 62841-2-19/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-19: Particular requirements for hand-held jointers

prEN IEC 62841-2-20:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-20: Particular requirements for hand-held band saws (IEC 62841-2-20 ED1)

prEN IEC 62841-2-20/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-20: Particular requirements for hand-held band saws

prEN IEC 62841-2-22:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-22: Particular requirements for hand-held cut-off machines (IEC 62841-2-22 ED1)

prEN IEC 62841-2-22/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-22: Particular requirements for hand-held cut-off machines

prEN IEC 62841-2-23:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-23: Particular requirements for hand-held die grinders and small rotary tools (IEC 62841-2-23 ED1)

prEN IEC 62841-2-23/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-23: Particular requirements for hand-held die grinders and small rotary tools

EN IEC 62841-2-6:2020/prA1:2022 en
Amendment 1 – Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-6: Particular requirements for hand-held hammers (IEC 62841-2-6/am1 ED1)
Amendment 1 – Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 2-6: Posebni zahtjevi za ručne čekiče (IEC 62841-2-6/am1 ED1)

EN IEC 62841-2-6:2020/prAB en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-6: Particular requirements for hand-held hammers
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 2-6: Posebni zahtjevi za ručne čekiče

prEN IEC 62841-2-7:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-7: Particular requirements for hand-held spray guns (IEC 62841-2-7 ED1)

prEN IEC 62841-2-7/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-7: Particular requirements for hand-held spray guns

prEN IEC 62841-3-11:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-11: Particular requirements for transportable combined mitre and bench saws (IEC 62841-3-11 ED1)

prEN IEC 62841-3-11/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-11: Particular requirements for transportable combined mitre and bench saws

prEN IEC 62841-3-3:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-3: Particular requirements for transportable planers and thicknessers (IEC 62841-3-3 ED1)

prEN IEC 62841-3-3/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-3: Particular requirements for transportable planers and thicknessers

prEN IEC 62841-3-8:2022 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-8: Particular requirements for transportable single spindle vertical moulders (IEC 62841-3-8 ED1)

prEN IEC 62841-3-8/prAA en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-8: Particular requirements for transportable single spindle vertical moulders

EN IEC 63115-1:2020/prA1:2022 en
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Sealed nickel-metal hydride cells and batteries for use in industrial applications – Part 1: Performance (IEC 63115-1/am1 ED1)
Sekundarni članci i baterije koje sadrže alkalne ili ostale nekisele elektrolite – Zapečaćeni nikal-metalni hidridni punjivi članci i baterije za uporabu u industrijskoj primjeni – 1. dio: Značajke (IEC 63115-1/am1 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 877:2001 en
Lijevano željezne cijevi i spojni dijelovi, njihovi spojevi i pribor za kanalizaciju (odvodnju vode iz zgrada) – Zahtjevi, postupci ispitivanja i osiguranje kakvoće (EN 877:1999)
Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings – Requirements, test methods and quality assurance (EN 877:1999)
- zamijenjena s: HRN EN 877:2022

HRN EN 877:2001/A1:2007 en
Lijevano-željezne cijevi i spojni dijelovi, njihovi spojevi i pribor za kanalizaciju (odvodnju vode iz zgrada) – Zahtjevi, metode ispitivanja i osiguranje kvalitete (EN 877:1999/A1:2006)
Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings – Requirements, test methods and quality assurance (EN 877:1999/A1:2006)
- zamijenjena s: HRN EN 877:2022

HRN EN 877:2001/A1:2007/Ispr.1:2008 en
Lijevano-željezne cijevi i spojni dijelovi, njihovi spojevi i pribor za kanalizaciju (odvodnju vode iz zgrada) – Zahtjevi, metode ispitivanja i osiguranje kvalitete (EN 877:1999/A1:2006/AC:2008)
Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings – Requirements, test methods and quality assurance (EN 877:1999/A1:2006/AC:2008)
- zamijenjena s: HRN EN 877:2022

HZN/TO 6, Papir, karton i pulpe

HRN ISO 6588-1:2021 en
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 1. dio: Hladna ekstrakcija (ISO 6588-1:2020)
Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction (ISO 6588-1:2020)
- zamijenjena s: HRN ISO 6588-1:2022

HRN ISO 6588-2:2021 en
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 2. dio: Topla ekstrakcija (ISO 6588-2:2020)
Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction (ISO 6588-2:2020)
- zamijenjena s: HRN ISO 6588-2:2022

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

HRN ISO 8981:1999 en
Pšenica – Određivanje sorte elektroforezom (ISO 8981:1993)
Wheat – Identification of varieties by electrophoresis (ISO 8981:1993)
- bez zamjene

HZN/TO 43, Akustika

HRN EN ISO 3382-3:2012 en
Akustika – Mjerenje akustičkih parametara prostorija – 3. dio: Prostorii bez pregrada (ISO 3382-3:2012; EN ISO 3382-3:2012)
Acoustics – Measurement of room acoustic parameters – Part 3: Open plan offices (ISO 3382-3:2012; EN ISO 3382-3:2012)
- zamijenjena s: HRN EN ISO 3382-3:2022

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

HRN EN 16902:2016 en
Komercijalne rashladne vitrine za hlađenje pića – Razredba, zahtjevi i uvjeti ispitivanja (EN 16902:2016)
Commercial beverage coolers – Classification, requirements and test conditions (EN 16902:2016)
- zamijenjena s: HRN EN ISO 22044:2022

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

HRN EN ISO 3501:2015 en

Plastični cijevni sustavi – Mehanički spojevi spojnicama i tlačnih cijevi – Metoda ispitivanja otpornosti na izvlačenje pod djelovanjem konstantne uzdužne sile (ISO 3501:2015; EN ISO 3501:2015)

Plastics piping systems – Mechanical joints between fittings and pressure pipes – Test method for resistance to pull-out under constant longitudinal force (ISO 3501:2015; EN ISO 3501:2015)

- zamijenjena s: HRN EN ISO 3501:2022

HZN/TO 146, *Kvaliteta zraka*

HRN ISO 16000-6:2014 en

Zrak u zatvorenom prostoru – 6. dio: Određivanje hlapljivih organskih spojeva u zatvorenom prostoru i komori za ispitivanje zraka uzorkovanjem na TENAX TA sorbentu, toplinskom desorpcijom i plinskom kromatografijom uporabom MS ili MS-FID (ISO 16000-6:2011)

Indoor air – Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA sorbent, thermal desorption and gas chromatography using MS or MS-FID (ISO 16000-6:2011)

- zamijenjena s: HRN ISO 16000-6:2022

HZN/TO 238, *Čvrsta biogoriva*

HRN EN ISO 16559:2014 hr,en-en

Čvrsta biogoriva – Nazivlje, definicije i opisi (ISO 16559:2014; EN ISO 16559:2014)

Solid biofuels – Terminology, definitions and descriptions (ISO 16559:2014; EN ISO 16559:2014)

- zamijenjena s: HRN EN ISO 16559:2022

HZN/TO 508, *Ambalaža i pakiranje*

HRN EN ISO 8611-1:2012 en

Paleta za rukovanje materijalima – Plošne palete – 1. dio: Ispitne metode (ISO 8611-1:2011; EN ISO 8611-1:2012)

Pallets for materials handling – Flat pallets – Part 1: Test methods (ISO 8611-1:2011; EN ISO 8611-1:2012)

- zamijenjena s: HRN EN ISO 8611-1:2022

HRN EN ISO 8611-2:2012 en

Paleta za rukovanje materijalima – Plošne palete – 2. dio: Izvedbeni zahtjevi i izbor načina ispitivanja (ISO 8611-2:2011; EN ISO 8611-2:2012)

Pallets for materials handling – Flat pallets – Part 2: Performance requirements and selection of tests (ISO 8611-2:2011; EN ISO 8611-2:2012)

- zamijenjena s: HRN EN ISO 8611-2:2022

HRN EN ISO 8611-2:2012/A1:2016 en

Paleta za rukovanje materijalima – Plošne palete – 2. dio: Izvedbeni zahtjevi i izbor načina ispitivanja (ISO 8611-2:2011/Amd 1:2016; EN ISO 8611-2:2012/A1:2016)

Pallets for materials handling – Flat pallets – Part 2: Performance requirements and selection of tests (ISO 8611-2:2011/Amd 1:2016; EN ISO 8611-2:2012/A1:2016)

- zamijenjena s: HRN EN ISO 8611-2:2022

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

HRN ISO 8794:2001 en

Čelična užad – Uplitanje omče na priveznici (ISO 8794:1986)

Steel wire ropes – Spliced eye terminations for slings (ISO 8794:1986)

- zamijenjena s: HRN ISO 8794:2022

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

HRN EN 13126-1:2012 en

Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 1. dio: Zahtjevi za sve vrste okova (EN 13126-1:2011)

Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 1: Requirements common to all types of hardware (EN 13126-1:2011)

- zamijenjena s: HRN EN 13126-1:2022

HRN EN 13126-4:2008 en

Građevni okovi – Zahtjevi i ispitne metode za prozore i prozorska vrata – 4. dio: Mehanizmi zasuna (EN 13126-4:2008)

Building hardware – Requirements and test methods for windows and doors height windows – Part 4: Espagnolettes (EN 13126-4:2008)

- zamijenjena s: HRN EN 13126-4:2022

HRN EN 13126-13:2012 en

Građevni okovi – Okovi za prozore i balkonska vrata – Zahtjevi i metode ispitivanja – 13. dio: Ravnotežni utezi krila (EN 13126-13:2012)

Building hardware – Hardware for windows and balcony doors – Requirements and test methods – Part 13: Sash balances (EN 13126-13:2012)

- zamijenjena s: HRN EN 13126-13:2022

HRN EN 13126-14:2012 en

Građevni okovi – Okovi za prozore i balkonska vrata – Zahtjevi i metode ispitivanja – 14. dio: Okretni zatvarači krila (EN 13126-14:2012)

Building hardware – Hardware for windows and balcony doors – Requirements and test methods – Part 14: Sash fasteners (EN 13126-14:2012)

- zamijenjena s: HRN EN 13126-14:2022

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

HRN EN ISO 1302:2004 en

Geometrijska specifikacija proizvoda (GPS) – Označavanje teksture površine u tehničkoj dokumentaciji proizvoda (ISO 1302:2002; EN ISO 1302:2002)

Geometrical product specification (GPS) – Indication of surface texture in technical product documentation (ISO 1302:2002; EN ISO 1302:2002)

- zamijenjena s: HRN EN ISO 21920-1:2022

HRN EN ISO 4287:2008 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Nazivlje, definicije i parametri teksture površine (ISO 4287:1997+Cor 1:1998+Cor 2:2005; EN ISO 4287:1998+AC:2008)

Geometrical product specifications (GPS) – Surface texture: Profile method – Terms, definitions and surface texture parameters (ISO 4287:1997+Cor 1:1998+Cor 2:2005; EN ISO 4287:1998+AC:2008)

- zamijenjena s: HRN EN ISO 21920-2:2022

HRN EN ISO 4287:2008/A1:2010 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Nazivlje, definicije i parametri teksture površine – Amandman 1: Broj izbrojenih izbočina (ISO 4287:1997/Amd 1:2009; EN ISO 4287:1998/A1:2009)

Geometrical Product Specifications (GPS) – Surface texture: Profile method – Terms, definitions and surface texture parameters – Amendment 1: Peak count number (ISO 4287:1997/Amd 1:2009; EN ISO 4287:1998/A1:2009)

- zamijenjena s: HRN EN ISO 21920-2:2022

HRN EN ISO 4288:2008 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Pravila i postupci pri procjenjivanju teksture površine (ISO 4288:1996; EN ISO 4288:1997)

Geometrical product specifications (GPS) – Surface texture: Profile method – Rules and procedures for the assessment of surface texture (ISO 4288:1996; EN ISO 4288:1997)

- zamijenjena s: HRN EN ISO 21920-3:2022

HRN EN ISO 12085:2008 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Parametri pobude (ISO 12085:1996+Cor 1:1998; EN ISO 12085:1997+AC:2008)

Geometrical product specifications (GPS) – Surface texture: Profile method – Motif parameters (ISO 12085:1996+Cor 1:1998; EN ISO 12085:1997+AC:2008)

- zamijenjena s: HRN EN ISO 21920-2:2022

HRN EN ISO 12179:2008 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Umjeravanje kontaktnih uređaja (s ticalom) (ISO 12179:2000+Cor 1:2003; EN ISO 12179:2000+AC:2008)

Geometrical product specifications (GPS) – Surface texture: Profile method – Calibration of contact (stylus) instruments (ISO 12179:2000+Cor 1:2003; EN ISO 12179:2000+AC:2008)

- zamijenjena s: HRN EN ISO 12179:2022

HRN EN ISO 13565-2:2007 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda profila; Površine sa slojevitim funkcijskim osobinama – 2. dio: Karakterizacija visine upotrebom linearne krivulje omjera materijala (ISO 13565-2:1996; EN ISO 13565-2:1997)

Geometrical product specifications (GPS) – Surface texture: Profile method; surfaces having stratified functional properties – Part 2: Height characterization using the linear material ratio curve (ISO 13565-2:1996; EN ISO 13565-2:1997) – zamijenjena s: HRN EN ISO 21920-2:2022

HRN EN ISO 13565-3:2007 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda profila; Površine sa slojevitim funkcijskim osobinama – 3. dio: Karakterizacija visine upotrebom krivulje vjerojatnosti materijala (ISO 13565-3:1998; EN ISO 13565-3:2000)

Geometrical product specifications (GPS) – Surface texture: Profile method; surfaces having stratified functional properties – Part 3: Height characterization using the material probability curve (ISO 13565-3:1998; EN ISO 13565-3:2000) – zamijenjena s: HRN EN ISO 21920-2:2022

HRN EN ISO 25178-2:2014 en

Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Ploštinska – 2. dio: Pojmovi, definicije i parametri teksture površine (ISO 25178-2:2012; EN ISO 25178-2:2012) Geometrical product specifications (GPS) – Surface texture: Areal – Part 2: Terms, definitions and surface texture parameters (ISO 25178-2:2012; EN ISO 25178-2:2012) – zamijenjena s: HRN EN ISO 25178-2:2022

HZN/TO 544, Strojni elementi

HRN ISO 12167-2:2008 en

Klizni ležajevi – Hidrostatski radijalni klizni ležajevi s odvodnim kanalima – 2. dio: Karakteristične vrijednosti za proračun radijalnih kliznih ležajeva podmazivanih uljem s odvodnim kanalima (ISO 12167-2:2001)

Plain bearings – Hydrostatic plain journal bearings with drainage grooves under steady-state conditions – Part 2: Characteristic values for the calculation of oil-lubricated plain journal bearings with drainage grooves (ISO 12167-2:2001) – zamijenjena s: HRN ISO 12167-2:2022

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 20776-2:2008 en

Klinička laboratorijska ispitivanja i in vitro dijagnostički ispitni sustavi – Ispitivanje osjetljivosti infektivnih agenasa i procjena svojstava antimikrobne osjetljivosti ispitnih proizvoda – 2. dio: Procjena svojstava antimikrobne osjetljivosti ispitnih proizvoda (ISO 20776-2:2007; EN ISO 20776-2:2007)

Clinical laboratory testing and in vitro diagnostic test systems – Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices – Part 2: Evaluation of performance of antimicrobial susceptibility test devices (ISO 20776-2:2007; EN ISO 20776-2:2007)

– zamijenjena s: HRN EN ISO 20776-2:2022

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

HRN ISO/TR 10013:2002 en

Smjernice za izradu dokumentacije sustava upravljanja (ISO/TR 10013:2001)

Guidelines for quality management system documentation (ISO/TR 10013:2001)

– zamijenjena s: HRN ISO 10013:2022

HRN ISO 10014:2008 en

Upravljanje kvalitetom – Smjernice za ostvarivanje novčane i gospodarske koristi (ISO 10014:2006+Cor 1:2007)

Quality management – Guidelines for realizing financial and economic benefits (ISO 10014:2006+Cor 1:2007)

– zamijenjena s: HRN ISO 10014:2022

HZN/TO E9, Električna oprema za željeznicu

HRN CLC/TS 50238-3:2019 en

Željeznički sustav – Kompatibilnost između željezničkih vozila i sustava detekcije vlaka – 3. dio: Kompatibilnost s brojačima osovina (CLC/TS 50238-3:2019)

Railway applications – Compatibility between rolling stock and train detection systems – Part 3: Compatibility with axle counters (CLC/TS 50238-3:2019)

– zamijenjena s: HRS CLC/TS 50238-3:2022

HZN/TO E31, Eksplozivne atmosfere

HRN EN 15967:2012 en

Određivanje najvećeg tlaka i najvećeg porasta tlaka eksplozije plinova i para (EN 15967:2011)

Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours (EN 15967:2011)

– zamijenjena s: HRN EN 15967:2022

HZN/TO Z1, Informacijska tehnologija

HRN ISO/IEC 27007:2021 en

Informacijska sigurnost, kibernetička sigurnost i zaštita privatnosti – Smjernice za audit sustava upravljanja informacijskom sigurnošću (ISO/IEC 27007:2020)

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

– zamijenjena s: HRN EN ISO/IEC 27007:2022

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

HRN ISO 257:2005 en

Pesticidi i druge poljoprivredne kemikalije – Načela za odabir uobičajenih naziva (ISO 257:2004)

Pesticides and other agrochemicals – Principles for the selection of common names (ISO 257:2004)

– bez zamjene

HRN ISO 719:2000 en

Staklo – Hidrolitička otpornost staklenih granula pri 98 stupnjeva C – Ispitna metoda i klasifikacija (ISO 719:1985)

Glass – Hydrolytic resistance of glass grains at 98 degrees C – Method of test and classification (ISO 719:1985)

– bez zamjene

HRN ISO 720:2000 en

Staklo – Hidrolitička otpornost staklenih granula pri 121 stupnjeva C – Ispitna metoda i klasifikacija (ISO 720:1985)

Glass – Hydrolytic resistance of glass grains at 121 degrees C – Method of test and classification (ISO 720:1985)

– bez zamjene

HRN ISO 771:2005 en

Uljane pogače i sačme – Određivanje udjela vode i hlapljivih tvari (ISO 771:1977)

Oilseed residues – Determination of moisture and volatile matter content (ISO 771:1977)

– bez zamjene

HRN ISO 4626:1999 en

Hlapljive organske kapljevine – Određivanje područja vrelišta organskih otapala koja se primjenjuju kao sirovine (ISO 4626:1980)

Volatile organic liquids – Determination of boiling range of organic solvents used as raw materials (ISO 4626:1980)

– bez zamjene

HRN ISO 4803:2000 en

Laboratorijsko stakleno posuđe – Borosilikatni stakleni cjevni materijal (ISO 4803:1978)

Laboratory glassware – Borosilicate glass tubing (ISO 4803:1978)

– bez zamjene

HRN ISO 12871:2012 en

Maslinova ulja i ulja od komine masline – Određivanje udjela alifatskih alkohola kapilarnom plinskom kromatografijom (ISO 12871:2010)

Olive oils and olive-pomace oils – Determination of aliphatic alcohols content by capillary gas chromatography (ISO 12871:2010)

– bez zamjene

HRN EN ISO 17463:2014 en

Boje i lakovi – Smjernice za određivanje antikorozivnih svojstava organskih prevlaka ubrzanim cikličkim elektrokemijskim postupkom (ISO 17463:2014; EN ISO 17463:2014)

Paints and varnishes – Guidelines for the determination of anticorrosive properties of organic coatings by accelerated cyclic electrochemical technique (ISO 17463:2014; EN ISO 17463:2014)

– zamijenjena s: HRN EN ISO 17463:2022

HRN ISO 28198:2012 en

Biljne masti i ulja – Odrađivanje tvari netopljive u toluenu (ISO 28198:2009)

Vegetable fats and oils – Determination of toluene insoluble matter (ISO 28198:2009)

– bez zamjene

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

HRN EN ISO 9713:2011 en
Neurokirurški implantati – Samozatvarajuće stezaljke za upotrebu kod intrakranijske aneurizme (ISO 9713:2002; EN ISO 9713:2009)
Neurosurgical implants – Self-closing intracranial aneurysm clips (ISO 9713:2002; EN ISO 9713:2009)
- zamijenjena s: HRN EN ISO 9713:2022

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 163, Toplinska izolacija

- **umjesto**

HRN EN ISO 6946:2017
Građevni dijelovi i građevni elementi – Toplinski otpor i koeficijent prolaska topline – Metode proračuna (ISO 6946:2017; EN ISO 6946:2017)
Building components and building elements – Thermal resistance and thermal transmittance – Calculation methods (ISO 6946:2017; EN ISO 6946:2017)

- **treba biti**

HRN EN ISO 6946:2017
Građevni dijelovi i građevni elementi – Toplinski otpor i koeficijent prolaska topline – Metode proračuna (ISO 6946:2017, ispravljena verzija 2021-12; EN ISO 6946:2017)
Building components and building elements – Thermal resistance and thermal transmittance – Calculation methods (ISO 6946:2017, Corrected version 2021-12; EN ISO 6946:2017)

HZN/TO 172, Optika i optički instrumenti

- **umjesto**

HRN EN ISO 15253:2021
Oftalmološka optika i instrumenti – Optička i elektro-optička sredstva za pojačavanje slabog vida (ISO 15253:2021; EN ISO 15253:2021)
Ophthalmic optics and instruments – Optical and electro-optical devices for enhancing low vision (ISO 15253:2021; EN ISO 15253:2021)

- **treba biti**

HRN EN ISO 15253:2021
Oftalmološka optika i instrumenti – Optička i elektrooptička pomagala za slabovidnost (ISO 15253:2021; EN ISO 15253:2021)
Ophthalmic optics and instruments – Optical and electro-optical devices for enhancing low vision (ISO 15253:2021; EN ISO 15253:2021)

HZN/TO 217, Kozmetika

- **umjesto**

HRN EN ISO 21392:2021
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)

- **treba biti**

HRN EN ISO 21392:2021
Kozmetika – Analitičke metode – Određivanje tragova teških metala u kozmetici ICP/MS tehnikom (ISO 21392:2021, ispravljena verzija 2021-12; EN ISO 21392:2021)
Cosmetics – Analytical methods – Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique (ISO 21392:2021, Corrected version 2021-12; EN ISO 21392:2021)

HZN/TO 555, Medicinski proizvodi

- **umjesto**

HRN EN ISO 20417:2021
Medicinski proizvodi – Informacije koje daje proizvođač (ISO 20417:2021; EN ISO 20417:2021)
Medical Devices – Information to be provided by the manufacturer (ISO 20417:2021; EN ISO 20417:2021)

- **treba biti**

HRN EN ISO 20417:2021
Medicinski proizvodi – Informacije koje daje proizvođač (ISO 20417:2021, ispravljena verzija 2021-12; EN ISO 20417:2021)
Medical Devices – Information to be provided by the manufacturer (ISO 20417:2021, Corrected version 2021-12; EN ISO 20417:2021)

HZN/TO T4, Normizacija u telekomunikacijama

- **umjesto**

HRN EN 301 549 V2.1.2:2018
Zahtjevi s obzirom na dostupnost ICT proizvoda i usluga (EN 301 549 V2.1.2:2018)
Accessibility requirements for ICT products and services (EN 301 549 V2.1.2:2018)

- **treba biti**

HRN EN 301 549 V2.1.2:2018
Zahtjevi za osiguranje pristupačnosti proizvoda i usluga u području IKT (EN 301 549 V2.1.2:2018)
Accessibility requirements for ICT products and services (EN 301 549 V2.1.2:2018)

- **umjesto**

HRN EN 301 549 V3.1.1:2019
Zahtjevi s obzirom na dostupnost ICT proizvoda i usluga (EN 301 549 V3.1.1:2019)
Accessibility requirements for ICT products and services (EN 301 549 V3.1.1:2019)

- **treba biti**

HRN EN 301 549 V3.1.1:2019
Zahtjevi za osiguranje pristupačnosti proizvoda i usluga u području IKT (EN 301 549 V3.1.1:2019)
Accessibility requirements for ICT products and services (EN 301 549 V3.1.1:2019)

- **umjesto**

HRN EN 301 549 V3.2.1:2021
Zahtjevi s obzirom na dostupnost ICT proizvoda i usluga (EN 301 549 V3.2.1:2021)
Accessibility requirements for ICT products and services (EN 301 549 V3.2.1:2021)

- **treba biti**

HRN EN 301 549 V3.2.1:2021
Zahtjevi za osiguranje pristupačnosti proizvoda i usluga u području IKT (EN 301 549 V3.2.1:2021)
Accessibility requirements for ICT products and services (EN 301 549 V3.2.1:2021)

HZN/TU U1, Opća elektrotehnika 1

- **umjesto**

HRN EN 60721-3-5:2008
Razredba uvjeta okoliša – 3. dio: Razredba skupina parametara okoliša i njihovog intenziteta – 5. odjeljak: Uzemljenje instalacija vozila (IEC 60721-3-5:1997; EN 60721-3-5:1997)
Classification of environmental conditions – Part 3: Classification of groups of environmental parameters and their severities – Section 5: Ground vehicle installations (IEC 60721-3-5:1997; EN 60721-3-5:1997)

- **treba biti**

HRN EN 60721-3-5:2008
Razredba uvjeta okoliša – 3. dio: Razredba skupina parametara okoliša i njihovog intenziteta – 5. odjeljak: Instalacije zemaljskih vozila (IEC 60721-3-5:1997; EN 60721-3-5:1997)
Classification of environmental conditions – Part 3: Classification of groups of environmental parameters and their severities – Section 5: Ground vehicle installations (IEC 60721-3-5:1997; EN 60721-3-5:1997)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

HZN/ TU V1, *Elektronika 1*

HRN EN IEC 61280-4-1:2019 en pr
Postupci ispitivanja svjetlovodnih komunikacijskih podsustava – Dio 4-1: Kabela instalacija – Mjerenje prigušenja u višestrukum načinu rada (IEC 61280-4-1:2019; EN IEC 61280-4-1:2019)
Fibre-optic communication subsystem test procedures – Part 4-1: Installed cable plant – Multimode attenuation measurement (IEC 61280-4-1:2019; EN IEC 61280-4-1:2019)

HRN EN IEC 61280-4-1:2019/Ispr.1:2020 en pr
Postupci ispitivanja svjetlovodnih komunikacijskih podsustava – Dio 4-1: Kabela instalacija – Mjerenje prigušenja u višestrukum načinu rada (IEC 61280-4-1:2019/Corr.1:2020; EN IEC 61280-4-1:2019/AC:2020)
Fibre-optic communication subsystem test procedures – Part 4-1: Installed cabling plant – Multimode attenuation measurement (IEC 61280-4-1:2019/Corr.1:2020; EN IEC 61280-4-1:2019/AC:2020)

HRN EN IEC 61280-4-5:2020 en pr
Postupci ispitivanja svjetlovodnih komunikacijskih podsustava – Dio 4-5: Kabela instalacija – Mjerenje prigušenja svjetlovodnih kabela instalacija s MPO završecima korištenjem ispitne opreme s MPO sučeljima (IEC 61280-4-5:2020; EN IEC 61280-4-5:2020)
Fibre-optic communication subsystem test procedures – Part 4-5: Installed cabling plant – Attenuation measurement of MPO terminated fibre optic cabling plant using test equipment with MPO interfaces (IEC 61280-4-5:2020; EN IEC 61280-4-5:2020)

1.10 Prijevodi hrvatskih normativnih dokumenata

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

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

HRN EN 1677-1:2009 hr-en pr-pp
Dijelovi za priveznice – Sigurnost – 1. dio: Kovani čelični dijelovi, razred 8 (EN 1677-1:2000+A1:2008)
Components for slings – Safety – Part 1: Forged steel components, Grade 8 (EN 1677-1:2000+A1:2008)

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

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

HRN EN 61557-1:2009 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 1. dio: Opći zahtjevi (IEC 61557-1:2007; EN 61557-1:2007)
Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 1: General requirements (IEC 61557-1:2007; EN 61557-1:2007)

HRN EN 61557-3:2009 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 3. dio: Impedancija petlje (IEC 61557-3:2007; EN 61557-3:2007)
Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 3: Loop impedance (IEC 61557-3:2007; EN 61557-3:2007)

HRN EN 61557-6:2009 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 6. dio: Učinkovitost uređaja diferencijalne struje (RDC) u TT, TN i IT sustavima (IEC 61557-6:2007; EN 61557-6:2007)
Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 6: Effectiveness of residual current devices (RCD) in TT, TN and IT systems (IEC 61557-6:2007; EN 61557-6:2007)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 30-1-1	Domestic cooking appliances burning gas – Part 1-1: Safety – General	97.040.20	2021-12
EN 203-1	Gas heated catering equipment – Part 1: General safety requirements	97.040.20	2021-12
EN 203-2-1	Gas heated catering equipment – Part 2-1: Specific requirements – Open burners and wok burners	97.040.20	2021-12
EN 203-2-2	Gas heated catering equipment – Part 2-2: Specific requirements – Ovens	97.040.20	2021-12
EN 203-2-4	Gas heated catering equipment – Part 2-4: Specific requirements – Fryers	97.040.20	2021-12
EN 613	Independent closed-fronted gas-fired type B11, type C11, type C31 and type C91 heaters	97.100.20	2021-12
EN 746-3	Industrial thermoprocessing equipment – Part 3: Safety requirements for the generation and use of atmosphere gases	25.180.01	2021-12
EN 926-2+A1	Paragliding equipment – Paragliders – Part 2: Requirements and test methods for classifying flight safety characteristics	97.220.40	2021-12
EN 1366-3	Fire resistance tests for service installations – Part 3: Penetration seals	13.220.50	2021-12
EN 1366-11+A1	Fire resistance tests for service installations – Part 11: Fire protective systems for cable systems and associated components	13.220.50; 29.060.20; 91.140.50	2021-12
EN 1463-1	Road marking materials – Retroreflecting road studs – Part 1: Initial performance requirements	93.080.20	2021-12
EN 1527+A1	Building hardware – Hardware for sliding doors and folding doors – Requirements and test methods	91.190	2021-12
EN 1529	Door leaves – Height, width, thickness and squareness – Tolerance classes	91.060.50	2021-12
EN 1540	Workplace exposure – Terminology	01.040.13; 13.040.30	2021-12
CEN/TS 1555-7	Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 7: Guidance for the assessment of conformity	23.040.01; 91.140.40	2021-12
EN 1744-4	Tests for chemical properties of aggregates – Part 4: Determination of water susceptibility of fillers for bituminous mixtures	91.100.15	2021-12
EN 1949	Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles	43.100; 97.200.30	2021-12
EN 2854-002	Aerospace series – Cables, electrical for general purpose – Operating temperatures between -55 °C and 260 °C – Part 002: General	49.060	2021-12
EN 4179	Aerospace series – Qualification and approval of personnel for non-destructive testing	03.100.30; 19.100; 49.020	2021-12
EN 9721	Aerospace series – General recommendation for the BIT Architecture in an integrated system	49.020	2021-12
EN 10264-2	Steel wire and wire products – Steel wire for ropes – Part 2: Cold drawn non alloy steel wire for ropes for general applications	77.140.65	2021-12
EN 12158-1	Builders' hoists for goods – Part 1: Hoists with accessible platforms	91.140.90	2021-12
EN 12320	Building hardware – Padlocks and padlock fittings – Requirements and test methods	91.190	2021-12
EN 12418	Masonry and stone cutting-off machines for job site – Safety	91.220	2021-12
EN 12453+A1	Industrial, commercial and garage doors and gates – Safety in use of power operated doors – Requirements and test methods	91.060.50	2021-12
EN 12491+A1	Paragliding equipment – Emergency parachutes – Safety requirements and test methods	97.220.40	2021-12
EN 12873-2	Influence of materials on water intended for human consumption – Influence due to migration – Part 2: Test method for non-metallic and noncementitious site-applied materials	13.060.20; 67.250	2021-12

Oznaka norme	Naslov norme	ICS	Datum objave
EN 12952-2	Water-tube boilers and auxiliary installations – Part 2: Materials for pressure parts of boilers and accessories	27.040	2021-12
EN 12952-5	Water-tube boilers and auxiliary installations – Part 5: Workmanship and construction of pressure parts of the boiler	27.040	2021-12
EN 12952-6	Water-tube boilers and auxiliary installations – Part 6: Inspection during construction, documentation and marking of pressure parts of the boiler	27.040	2021-12
EN 12952-10	Water-tube boilers and auxiliary installations – Part 10: Requirements for safety devices against excessive pressure	23.060.40; 27.040	2021-12
EN 12976-1	Thermal solar systems and components – Factory made systems – Part 1: General requirements	27.160	2021-12
EN 13089+A2	Mountaineering equipment – Ice-tools – Safety requirements and test methods	97.220.40	2021-12
EN 13411-4	Terminations for steel wire ropes – Safety – Part 4: Metal and resin socketing	77.140.99	2021-12
EN 13433	Devices to prevent pollution by backflow of potable water – Mechanical disconnect, direct actuated – Family G, type A	23.060.50	2021-12
EN 13434	Devices to prevent pollution by backflow of potable water – Mechanical disconnect, flow actuated – Family G, Type B	23.060.50	2021-12
EN 13757-1	Communication systems for meters – Part 1: Data exchange	33.200; 35.100.70; 35.240.99; 91.140.50	2021-12
EN 13848-3	Railway applications – Track – Track geometry quality – Part 3: Measuring systems – Track construction and maintenance machines	93.100	2021-12
EN 13862	Floor cutting-off machines – Safety	93.080.10	2021-12
EN 13941-1+A1	District heating pipes – Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks – Part 1: Design	23.040.07; 23.040.10; 91.140.10	2021-12
EN 13941-2+A1	District heating pipes – Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks – Part 2: Installation	23.040.07; 23.040.10; 91.140.10	2021-12
EN 14067-5	Railway applications – Aerodynamics – Part 5: Requirements and assessment procedures for aerodynamics in tunnels	45.060.01; 93.060	2021-12
EN 14583	Workplace exposure – Volumetric bioaerosol samplers – General requirements and evaluation of performance	13.040.30	2021-12
EN 14601+A2	Railway applications – Straight and angled end cocks for brake pipe and main reservoir pipe	45.060.01	2021-12
EN 14752+A1	Railway applications – Bodyside entrance systems for rolling stock	45.140	2021-12
EN 14894	LPG equipment and accessories – Cylinder and drum marking	23.020.35	2021-12
CEN/TS 15209	Tactile paving surface indicators produced from concrete, clay and stone	11.180.30; 93.080.10	2021-12
EN 15528	Railway applications – Line categories for managing the interface between load limits of vehicles and infrastructure	03.220.30; 45.060.20	2021-12
CEN/TS 15531-4	Public transport – Service interface for real-time information relating to public transport operations – Part 4: Functional service interfaces: Facility monitoring	35.240.60	2021-12
EN 15553	Petroleum products and related materials – Determination of hydrocarbon types – Fluorescent indicator adsorption method	75.080	2021-12
EN 15609	LPG equipment and accessories – LPG propulsion systems for boats, yachts and other watercraft – Installation requirements	47.020.20; 47.080	2021-12
EN 15734-1+A1	Railway applications – Braking systems of high speed trains – Part 1: Requirements and definitions	45.060.01	2021-12
EN 15734-2+A1	Railway applications – Braking systems of high speed trains – Part 2: Test methods	45.060.01	2021-12
EN 15805	Particulate air filters for general ventilation – Standardised dimensions	91.140.30	2021-12

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EN 16119	LPG equipment and accessories – Sealing caps and plugs for LPG cylinder and pressure vessel valves – Specification and testing	23.060.99	2021-12
EN 16166	Soil, treated biowaste and sludge – Determination of adsorbed organically bound halogens (AOX)	13.030.01; 13.080.10	2021-12
EN 16228-1+A1	Drilling and foundation equipment – Safety – Part 1: Common requirements	93.020	2021-12
EN 16228-2+A1	Drilling and foundation equipment – Safety – Part 2: Mobile drill rigs for civil and geotechnical engineering, quarrying and mining	93.020	2021-12
EN 16228-3+A1	Drilling and foundation equipment – Safety – Part 3: Horizontal directional drilling equipment (HDD)	93.020	2021-12
EN 16228-4+A1	Drilling and foundation equipment – Safety – Part 4: Foundation equipment	93.020	2021-12
EN 16228-5+A1	Drilling and foundation equipment – Safety – Part 5: Diaphragm walling equipment	93.020	2021-12
EN 16228-6+A1	Drilling and foundation equipment – Safety – Part 6: Jetting, grouting and injection equipment	93.020	2021-12
EN 16228-7+A1	Drilling and foundation equipment – Safety – Part 7: Interchangeable auxiliary equipment	93.020	2021-12
EN 16517	Agricultural and forestry machinery – Mobile yarders for timber logging – Safety	53.020.20	2021-12
EN 17037+A1	Daylight in buildings	91.160.01	2021-12
EN 17435	Surfaces for sports areas – Test method for the determination of Head Injury Criterion (HIC) and Critical Fall Height (CFH)	97.220.10	2021-12
EN 17478	Transport Services – Customer communications for passenger transport services – A Universal Design approach	03.220.01; 35.240.60	2021-12
EN 17526	Gas meter – Thermal-mass flow-meter based gas meter	91.140.40	2021-12
EN 17527	Helium cryostats – Protection against excessive pressure	13.240; 23.020.40	2021-12
EN 17550	Animal feeding stuffs: Methods of sampling and analysis – Determination of carotenoids in animal compound feed and premixtures by high performance liquid chromatography – UV detection (HPLC-UV)	65.120; 71.040.50	2021-12
EN 17616	Outdoor candles – Specification for fire safety	71.100.99; 97.180	2021-12
EN 17617	Outdoor candles – Product safety labels	71.100.99; 97.180	2021-12
CEN/TS 17660-1	Air quality – Performance evaluation of air quality sensor systems – Part 1: Gaseous pollutants in ambient air	13.040.20	2021-12
CEN/TS 17688-1	Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for Fine Needle Aspirates (FNAs) – Part 1: Isolated cellular RNA	11.100.10	2021-12
CEN/TS 17688-2	Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for Fine Needle Aspirates (FNAs) – Part 2: Isolated proteins	11.100.10	2021-12
CEN/TS 17688-3	Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for Fine Needle Aspirates (FNAs) – Part 3: Isolated genomic DNA	11.100.10	2021-12
CEN/TS 17693-1	Earthworks – Soil treatment tests – Part 1: pH-test for determination of the lime requirement of soils for stabilization (Lime Fixation Point LFP, Lime Modification Optimum LMO)	13.080.99; 93.020	2021-12
CEN/TS 17693-2	Earthworks – Soil treatment tests – Part 2: Test of evaluation of the aptitude of a dry material to emit dust	13.080.99; 93.020	2021-12
CEN/TR 17739	Algae and algae products – Specifications for chemicals and biofuels sector applications	13.020.55	2021-12
CEN/TR 17741	Guidance for understanding and utilize EN ISO 29481-1 Building information models – Information delivery manual – Part 1: Methodology and format	35.240.67; 91.010.01	2021-12
EN ISO 527-4	Plastics – Determination of tensile properties – Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites (ISO 527-4:2021)	83.120	2021-12

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EN ISO 527-5	Plastics – Determination of tensile properties – Part 5: Test conditions for unidirectional fibre-reinforced plastic composites (ISO 527-5:2021)	83.120	2021-12
EN ISO 748	Hydrometry – Measurement of liquid flow in open channels – Velocity area methods using point velocity measurements (ISO 748:2021)	17.120.20	2021-12
EN ISO 2566-1	Steel – Conversion of elongation values – Part 1: Carbon and low-alloy steels (ISO 2566-1:2021)	77.040.10	2021-12
EN ISO 2566-2	Steel – Conversion of elongation values – Part 2: Austenitic steels (ISO 2566-2:2021)	77.040.10	2021-12
EN ISO 4254-1/A1	Agricultural machinery – Safety – Part 1: General requirements – Amendment 1 (ISO 4254-1:2013/Amd 1:2021)	65.060.01	2021-12
EN ISO 4787	Laboratory glass and plastic ware – Volumetric instruments – Methods for testing of capacity and for use (ISO 4787:2021)	17.060	2021-12
EN ISO 5832-3	Implants for surgery – Metallic materials – Part 3: Wrought titanium 6-aluminium 4-vanadium alloy (ISO 5832-3:2021)	11.040.40	2021-12
EN ISO 6330	Textiles – Domestic washing and drying procedures for textile testing (ISO 6330:2021)	59.080.01	2021-12
EN ISO 6368	Petroleum, petrochemical and natural gas industries – Dry gas sealing systems for axial, centrifugal, and rotary screw compressors and expanders (ISO 6368:2021)	75.180.20	2021-12
EN ISO 6801	Rubber and plastics hoses – Determination of volumetric expansion (ISO 6801:2021)	23.040.70	2021-12
EN ISO 7213	Pulps – Sampling for testing (ISO 7213:2021)	85.040	2021-12
EN ISO 8996	Ergonomics of the thermal environment – Determination of metabolic rate (ISO 8996:2021)	13.180	2021-12
EN ISO 9241-20	Ergonomics of human-system interaction – Part 20: An ergonomic approach to accessibility within the ISO 9241 series (ISO 9241-20:2021)	13.180; 35.180	2021-12
EN ISO 9680	Dentistry – Operating lights (ISO 9680:2021)	11.060.20	2021-12
EN ISO 10675-1	Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 1: Steel, nickel, titanium and their alloys (ISO 10675-1:2021)	25.160.40	2021-12
EN ISO 10675-2	Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 2: Aluminium and its alloys (ISO 10675-2:2021)	25.160.40	2021-12
EN ISO 12543-1	Glass in building – Laminated glass and laminated safety glass – Part 1: Vocabulary and description of component parts (ISO 12543-1:2021)	01.040.81; 81.040.20	2021-12
EN ISO 12543-2	Glass in building – Laminated glass and laminated safety glass – Part 2: Laminated safety glass (ISO 12543-2:2021)	81.040.20	2021-12
EN ISO 12543-3	Glass in building – Laminated glass and laminated safety glass – Part 3: Laminated glass (ISO 12543-3:2021)	81.040.20	2021-12
EN ISO 12543-4	Glass in building – Laminated glass and laminated safety glass – Part 4: Test methods for durability (ISO 12543-4:2021)	81.040.20	2021-12
EN ISO 12543-5	Glass in building – Laminated glass and laminated safety glass – Part 5: Dimensions and edge finishing (ISO 12543-5:2021)	81.040.20	2021-12
EN ISO 12543-6	Glass in building – Laminated glass and laminated safety glass – Part 6: Appearance (ISO 12543-6:2021)	81.040.20	2021-12
EN ISO 15614-13	Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Upset (resistance butt) and flash welding (ISO 15614-13:2021)	25.160.10	2021-12
EN ISO 16189	Footwear – Critical substances potentially present in footwear and footwear components – Test method to quantitatively determine dimethylformamide in footwear materials (ISO 16189:2021)	61.060	2021-12
EN ISO 16217	Cosmetics – Sun protection test methods – Water immersion procedure for determining water resistance (ISO 16217:2020)	71.100.70	2021-12

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EN ISO 18363-1	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)	67.200.10	2021-12
EN ISO 18363-3	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)	67.200.10	2021-12
EN ISO 18861	Cosmetics – Sun protection test methods – Percentage of water resistance (ISO 18861:2020)	71.100.70	2021-12
EN ISO 19085-3	Woodworking machines – Safety – Part 3: Numerically controlled (NC/CNC) boring and routing machines (ISO 19085-3:2021)	13.110; 79.120.10	2021-12
EN ISO 19901-5	Petroleum and natural gas industries – Specific requirements for offshore structures – Part 5: Weight management (ISO 19901-5:2021)	75.180.10	2021-12
CEN ISO/TR 20491	Fasteners – Fundamentals of hydrogen embrittlement in steel fasteners (ISO/TR 20491:2019)	21.060.01	2021-12
EN ISO 20675	Biogas – Biogas production, conditioning, upgrading and utilization – Terms, definitions and classification scheme (ISO 20675:2018)	27.190; 75.020	2021-12
EN ISO 20714	E-liquid – Determination of nicotine, propylene glycol and glycerol in liquids used in electronic nicotine delivery devices – Gas chromatographic method (ISO 20714:2019)	65.160	2021-12
EN ISO 20768	Vapour products – Routine analytical vaping machine – Definitions and standard conditions (ISO 20768:2018)	65.160	2021-12
EN ISO 20836	Microbiology of the food chain – Polymerase chain reaction (PCR) for the detection of microorganisms – Thermal performance testing of thermal cyclers (ISO 20836:2021)	07.100.30	2021-12
EN ISO 21061	Footwear – Chemical tests – General principles on the preparation of samples (ISO 21061:2021)	61.060	2021-12
EN ISO 21322	Cosmetics – Microbiology – Testing of impregnated or coated wipes and masks (ISO 21322:2020)	07.100.40	2021-12
CEN ISO/TS 21719-3	Electronic fee collection – Personalization of on-board equipment (OBE) – Part 3: Using integrated circuit(s) cards (ISO/TS 21719-3:2021)	03.220.20	2021-12
EN ISO 22568-4	Foot and leg protectors – Requirements and test methods for footwear components – Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2021)	13.340.50	2021-12
EN ISO 22580	Flares for combustion of biogas (ISO 22580:2020)	27.190	2021-12
EN ISO 22867	Forestry and gardening machinery – Vibration test code for portable hand-held machines with internal combustion engine – Vibration at the handles (ISO 22867:2021)	13.160; 65.060.80	2021-12
EN ISO 23322	Paints and varnishes – Determination of solvents in coating materials containing organic solvents only – Gas chromatographic method (ISO 23322:2021)	87.040	2021-12
EN ISO 23590	Household biogas system requirements: design, installation, operation, maintenance and safety (ISO 23590:2020)	27.190	2021-12
EN ISO 23864	Non-destructive testing of welds – Ultrasonic testing – Use of automated total focusing technique (TFM) and related technologies (ISO 23864:2021)	25.160.40	2021-12
CEN ISO/TS 23973	Liquid chromatography at critical conditions (LCCC) – Chemical heterogeneity of polyethylene oxides (ISO/TS 23973:2020)	71.040.50	2021-12
EN ISO 24032	Soil quality – In situ caging of snails to assess bioaccumulation of contaminants (ISO 24032:2021)	13.080.30	2021-12
EN ISO 24223	Cheese – Guidance on sample preparation for physical and chemical testing (ISO 24223:2021)	67.100.30	2021-12
EN ISO 24443	Cosmetics – Determination of sunscreen UVA photoprotection in vitro (ISO 24443:2021)	71.100.70	2021-12

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EN ISO 35102	Petroleum and natural gas industries – Arctic operations – Escape, evacuation and rescue from offshore installations (ISO 35102:2020)	75.020	2021-12
EN ISO/ASTM 52900	Additive manufacturing – General principles – Fundamentals and vocabulary (ISO/ASTM 52900:2021)	01.040.25; 25.030	2021-12
CEN ISO/ASTM/TS 52930	Additive Manufacturing – Qualification principles – Installation, operation and performance (IQ/OQ/PQ) of PBF-LB equipment (ISO/ASTM/TS 52930:2021)	25.030	2021-12

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CEN/CENELEC Guide 22	Guide on the organizational structure and processes for the assessment of the membership criteria of CEN and CENELEC	01.120	2021-12
EN 16602-30-11	Space product assurance – Derating – EEE components	49.140	2021-12
EN 16602-70-80	Space product assurance – Processing and quality assurance requirements for metallic powder bed fusion technologies for space applications	49.025.99; 49.140	2021-12
EN 16603-32-01	Space engineering – Fracture control	49.140	2021-12
EN 16603-50-16	Space engineering – Time triggered Ethernet	49.140	2021-12
CEN/TR 17602-30-01	Space product assurance – Worst case analysis	49.140	2021-12
CEN/TR 17602-30-03	Space product assurance – Human dependability handbook	49.140	2021-12
CEN/TR 17602-30-08	Space product assurance – Components reliability data sources and their use	49.140	2021-12
CEN/TR 17602-60-02	Space product assurance – Techniques for radiation effects mitigation in ASICs and FPGAs handbook	49.140	2021-12
EN 50090-6-2	Home and Building Electronic Systems (HBES) – Part 6-2: IoT Semantic Ontology model description	35.240.67; 97.120	2021-12
EN 50131-2-2	Alarm systems – Intrusion and hold-up systems – Part 2-2: Requirements for passive infrared detectors	13.310; 13.320	2021-12
EN 50131-2-3	Alarm systems – Intrusion and hold-up systems – Part 2-3: Requirements for microwave detectors	13.320	2021-12
EN 50171	Central safety power supply systems	29.200	2021-12
CLC/TS 50600-5-1	Information technology – Data centre facilities and infrastructures – Part 5-1: Maturity Model for Energy Management and Environmental Sustainability	13.020.20; 35.020; 35.110; 35.160	2021-12
EN 50632-1/A2	Electric motor-operated tools – Dust measurement procedure – Part 1: General requirements	13.040.40; 25.140.20	2021-12
EN 50632-2-3/A1	Electric motor-operated tools – Dust measurement procedure – Part 2-3: Particular requirements for concrete grinders and disk- type sanders	13.040.40; 25.140.20	2021-12
EN 50632-2-4/A1	Electric motor-operated tools – Dust measurement procedure – Part 2-4: Particular requirements for sanders other than disk type	13.040.40; 25.140.20	2021-12
EN 50632-2-11/A1	Electric motor-operated tools – Dust measurement procedure – Part 2-11: Particular requirements for jig and sabre saws	13.040.40; 25.140.20	2021-12
EN 50632-2-22/A1	Electric motor-operated tools – Dust measurement procedure – Part 2-22: Particular requirements for cut-off machines and wall chasers	13.040.40; 25.140.20	2021-12
EN 50667/A1	Information technology – Automated infrastructure management (AIM) systems – Requirements, data exchange and applications	35.110; 35.240.99	2021-12
EN IEC 60335-2-29	Household and similar electrical appliances – Safety – Part 2-29: Particular requirements for battery chargers (IEC 60335-2-29:2016, modified)	29.200; 97.180	2021-12
EN IEC 60335-2-29/A1	Household and similar electrical appliances – Safety – Part 2-29 – Particular requirements for battery chargers (IEC 60335-2-29:2016/A1:2019)	29.200; 97.180	2021-12
EN IEC 60335-2-41	Household and similar electrical appliances – Safety – Part 2-41: Particular requirements for pumps (IEC 60335-2-41:2012)	23.080	2021-12
EN IEC 60335-2-41/A11	Household and similar electrical appliances – Safety – Particular requirements for pumps	13.120; 23.080; 97.180	2021-12
EN 60335-2-54/A2	Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam (IEC 60335-2-54:2008/A2:2019)	13.120; 97.080; 97.180	2021-12
EN 60335-2-54/A12	Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam	13.120; 97.080; 97.180	2021-12

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60335-2-105	Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets (IEC 60335-2-105:2016)	13.120; 91.140.70; 97.170	2021-12
EN IEC 60335-2-105/A1	Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets (IEC 60335-2-105:2016/A1:2019)	13.120; 91.140.70; 97.170	2021-12
EN IEC 60335-2-105/A11	Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets	13.120; 91.140.70; 97.170	2021-12
EN IEC 60404-17	Magnetic materials – Part 17: Methods of measurement of the magnetostriction characteristics of grain-oriented electrical steel strip and sheet by means of a single sheet tester and an optical sensor (IEC 60404-17:2021)	17.220.20; 29.030	2021-12
EN IEC 60601-2-41	Medical electrical equipment – Part 2-41: Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis (IEC 60601-2-41:2021)	11.140; 29.140.40	2021-12
EN IEC 60695-2-10	Fire hazard testing – Part 2-10: Glowing/hot-wire based test methods – Glow-wire apparatus and common test procedure (IEC 60695-2-10:2021)	13.220.40; 29.020	2021-12
EN IEC 60695-2-11	Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end products (GWEPT) (IEC 60695-2-11:2021)	13.220.40; 29.020	2021-12
EN IEC 60695-5-1	Fire hazard testing – Part 5-1: Corrosion damage effects of fire effluent – General guidance (IEC 60695-5-1:2021)	13.220.40; 29.020	2021-12
EN IEC 60695-7-2	Fire hazard testing – Part 7-2: Toxicity of fire effluent – Summary and relevance of test methods (IEC 60695-7-2:2021)	13.220.40; 29.020	2021-12
EN IEC 60730-2-8/A1	Automatic electrical controls – Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements (IEC 60730-2-8:2018/AMD1:2021)	97.120	2021-12
EN IEC 60730-2-14/A2	Automatic electrical controls – Part 2-14: Particular requirements for electric actuators (IEC 60730-2-14:2017/AMD2:2021)	29.120.01; 97.120	2021-12
EN IEC 60891	Photovoltaic devices – Procedures for temperature and irradiance corrections to measured I-V characteristics (IEC 60891:2021)	27.160	2021-12
EN IEC 60974-10	Arc welding equipment – Part 10: Electromagnetic compatibility (EMC) requirements (IEC 60974-10:2020)	25.160.30	2021-12
EN IEC 61051-2	Varistors for use in electronic equipment – Part 2: Sectional specification for surge suppression varistors (IEC 61051-2:2021)	31.040.20	2021-12
EN IEC 61133	Railway applications – Rolling stock – Testing of rolling stock on completion of construction and before entry into service (IEC 61133:2016)	45.060.01; RW020	2021-12
EN IEC 61375-2-8	Electronic railway equipment – Train communication network (TCN) – Part 2-8: TCN conformance test (IEC 61375-2-8:2021)	35.240.60; 45.060.01; RW400	2021-12
EN IEC 61557-1	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 1: General requirements (IEC 61557-1:2019)	17.220.20; 29.080.01; 29.240.01	2021-12
EN IEC 61557-2	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 2: Insulation resistance (IEC 61557-2:2019)	17.220.20; 29.080.01; 29.240.01	2021-12
EN IEC 61557-4	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 4: Resistance of earth connection and equipotential bonding (IEC 61557-4:2019)	17.220.20; 29.080.01; 29.240.01	2021-12
EN IEC 61557-5	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 5: Resistance to earth (IEC 61557-5:2019)	17.220.20; 29.080.01; 29.240.01	2021-12

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61557-6	Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 6: Effectiveness of residual current devices (RCD) in TT, TN and IT systems (IEC 61557-6:2019)	17.220.20; 29.080.01; 29.240.01	2021-12
EN IEC 61557-17	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 17: Non-contact AC voltage indicators (IEC 61557-17:2021)	17.220.20; 29.080.01; 29.240.01	2021-12
EN IEC 61914	Cable cleats for electrical installations (IEC 61914:2021)	29.120.10; 29.120.20	2021-12
EN IEC 61970-452	Energy management system application program interface (EMS-API) – Part 452: CIM static transmission network model profiles (IEC 61970-452:2021)	33.200; 35.240.50	2021-12
EN IEC 62037-1	Passive RF and microwave devices, intermodulation level measurement – Part 1: General requirements and measuring methods (IEC 62037-1:2021)	33.040.20; 33.120.01	2021-12
EN IEC 62037-2	Passive RF and microwave devices, intermodulation level measurement – Part 2: Measurement of passive intermodulation in coaxial cable assemblies (IEC 62037-2:2021)	33.040.20; 33.120.10; 33.120.30	2021-12
EN IEC 62037-3	Passive RF and microwave devices, intermodulation level measurement – Part 3: Measurement of passive intermodulation in coaxial connectors (IEC 62037-3:2021)	33.040.20; 33.120.30	2021-12
EN IEC 62037-5	Passive RF and microwave devices, intermodulation level measurement – Part 5: Measurement of passive intermodulation in filters (IEC 62037-5:2021)	33.040.20; 33.120.30	2021-12
EN IEC 62135-2	Resistance welding equipment – Part 2: Electromagnetic compatibility (EMC) requirements (IEC 62135-2:2020)	25.160.30; 33.100.01	2021-12
EN IEC 62484	Radiation protection instrumentation – Spectrometric radiation portal monitors (SRPMs) used for the detection and identification of illicit trafficking of radioactive material (IEC 62484:2020)	13.280; 17.240	2021-12
EN IEC 62563-2	Medical electrical equipment – Medical image display systems – Part 2: Acceptance and constancy tests for medical image displays (IEC 62563-2:2021)	11.040.50; 11.040.55; 31.120	2021-12
EN 62820-1-1/A11	Building intercom systems – Part 1-1: System requirements – General	13.320; 97.120	2021-12
EN IEC 63013/A1	LED packages – Long-term luminous and radiant flux maintenance projection (IEC 63013:2017/AMD1:2021)	29.140.99	2021-12
EN IEC 63121	Radiation protection instrumentation – Vehicle-mounted mobile systems for the detection of illicit trafficking of radioactive materials (IEC 63121:2020)	13.280; 13.310; 17.240	2021-12
EN ISO 14971/A11	Medical devices – Application of risk management to medical devices (ISO 14971:2019)	11.040.01	2021-12
HD 60364-4-42/A11	Low voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects	29.120.50; 91.140.50	2021-12

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI SR 003809 V 1.1.2	eHEALTH – The role of ICT to enable Health crisis management and recovery – Responding to the 2019 SARS-CoV-2 Pandemic	35.240.80	2021-12
ETSI TS 102232-1 V 3.25.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 1: Handover specification for IP delivery	33.040.35	2021-12
ETSI TR 102503 V 1.15.1	Lawful Interception (LI) – ASN.1 Object Identifiers in Lawful Interception and Retained data handling Specifications	33.040.35	2021-12
ETSI TS 102657 V 1.28.1	Lawful Interception (LI) – Retained data handling – Handover interface for the request and delivery of retained data	33.040.35	2021-12
ETSI TS 103120 V 1.10.1	Lawful Interception (LI) – Interface for warrant information	33.040.35	2021-12
ETSI TS 103221-1 V 1.10.1	Lawful Interception (LI) – Internal Network Interfaces – Part 1: X1	33.040.35	2021-12
ETSI TS 103523-5 V 1.1.1	CYBER – Middlebox Security Protocol – Part 5: Enterprise Network Security	33.040.99; 35.030	2021-12
ETSI TS 103707 V 1.4.1	Lawful Interception (LI) – Handover for messaging services over HTTP/XML	33.040.35	2021-12
ETSI TS 103713 V 15.6.0	Smart Secure Platform (SSP) – SPI interface (Release 15)	35.240.15	2021-12
ETSI TS 126247 V 16.5.1	Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 16.5.1 Release 16)	33.070.50	2021-12
ETSI TS 129128 V 16.4.1	LTE – Universal Mobile Telecommunications System (UMTS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) interfaces for interworking with packet data networks and applications (3GPP TS 29.128 version 16.4.1 Release 16)	33.070.99	2021-12
ETSI TS 136508 V 16.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 16.10.0 Release 16)	33.070.50	2021-12
ETSI TS 136521-1 V 16.10.1	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 16.10.1 Release 16)	33.070.50	2021-12
ETSI TS 136521-3 V 16.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 16.10.0 Release 16)	33.070.50	2021-12
ETSI TS 136523-1 V 16.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 16.10.0 Release 16)	33.070.50	2021-12
ETSI TS 136523-3 V 16.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 16.10.0 Release 16)	33.070.50	2021-12
ETSI TS 138133 V 15.15.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.15.0 Release 15)	33.070.99	2021-12
ETSI TS 138133 V 16.9.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.9.0 Release 16)	33.070.99	2021-12
ETSI TS 138521-4 V 16.9.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 16.9.0 Release 16)	33.070.99	2021-12
ETSI TS 138523-1 V 16.9.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 1: Protocol (3GPP TS 38.523-1 version 16.9.0 Release 16)	33.070.99	2021-12
ETSI GS ENI 005 V 2.1.1	Experiential Networked Intelligence (ENI) – System Architecture	35.080	2021-12
ETSI GR ENI 004 V 2.2.1	Experiential Networked Intelligence (ENI) – Terminology for Main Concepts in ENI	35.080	2021-12

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GR NFV-IFA 037 V 4.1.1	Network Functions Virtualisation (NFV) Release 4 – Architectural Framework – Report on further NFV support for 5G	35.110	2021-12
ETSI GR NFV-MAN 001 V 1.2.1	Network Functions Virtualisation (NFV) – Management and Orchestration – Report on Management and Orchestration Framework	35.110	2021-12
ETSI GS NFV-TST 008 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Testing – NFVI Compute and Network Metrics Specification	35.110	2021-12
ETSI GS PDL 011 V 1.1.1	Permissioned Distributed Ledger (PDL) – Specification of Requirements for Smart Contracts' architecture and security	35.240.99	2021-12

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
IWA 38	Requirements and recommendations for the construction of emergency medical facilities	11.020.99; 91.040.10	2021-12
ISO 527-4	Plastics – Determination of tensile properties – Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites	83.120	2021-12
ISO 834-1 AMD 2	Fire-resistance tests – Elements of building construction – Part 1: General requirements; Amendment 2	13.220.50	2021-12
ISO 975	Brown coals and lignites – Determination of yield of benzene-soluble extract – Semi-automatic method	73.040	2021-12
ISO 1352	Metallic materials – Torque-controlled fatigue testing	77.040.10	2021-12
ISO 1750 AMD 7	Pesticides and other agrochemicals – Common names; Amendment 7	65.100.01	2021-12
ISO 2566-1	Steel – Conversion of elongation values – Part 1: Carbon and low-alloy steels	77.040.10	2021-12
ISO 2566-2	Steel – Conversion of elongation values – Part 2: Austenitic steels	77.040.10	2021-12
ISO 3501	Plastics piping systems – Mechanical joints between fittings and pressure pipes – Test method for resistance to pull-out under constant longitudinal force	23.040.60	2021-12
ISO 4259-4	Petroleum and related products – Precision of measurement methods and results – Part 4: Use of statistical control charts to validate 'in-statistical-control' status for the execution of a standard test method in a single laboratory	75.080	2021-12
ISO 4382-2	Plain bearings – Copper alloys – Part 2: Wrought copper alloys for solid plain bearings	21.100.10; 77.120.30	2021-12
ISO 5071-1	Brown coals and lignites – Determination of the volatile matter in the analysis sample – Part 1: Two-furnace method	73.040	2021-12
ISO 5072	Brown coals and lignites – Determination of true relative density and apparent relative density	73.040	2021-12
ISO 5073	Brown coals and lignites – Determination of humic acids	73.040	2021-12
ISO 7010 AMD 4	Graphical symbols – Safety colours and safety signs – Registered safety signs; Amendment 4	01.080.10; 01.080.20	2021-12
ISO 7213	Pulps – Sampling for testing	85.040	2021-12
ISO 7876-5	Fuel injection equipment – Vocabulary – Part 5: Common rail fuel injection system	01.040.43; 43.060.40	2021-12
ISO 7905-2	Plain bearings – Bearing fatigue – Part 2: Test with a cylindrical specimen of a metallic bearing material	21.100.10	2021-12
ISO 8100-34	Lifts for the transport of persons and goods – Part 34: Measurement of lift ride quality	91.140.90	2021-12
ISO 8130-4	Coating powders – Part 4: Calculation of lower explosion limit	87.040	2021-12
ISO 8177	Aerospace – Omega clamps (saddle clamps) for fluid systems – Dimensions	49.080	2021-12
ISO 8178-2	Reciprocating internal combustion engines – Exhaust emission measurement – Part 2: Measurement of gaseous and particulate exhaust emissions under field conditions	13.040.50; 27.020	2021-12
ISO 8611-1	Pallets for materials handling – Flat pallets – Part 1: Test methods	55.180.20	2021-12
ISO 8611-2	Pallets for materials handling – Flat pallets – Part 2: Performance requirements and selection of tests	55.180.20	2021-12
ISO 8996	Ergonomics of the thermal environment – Determination of metabolic rate	13.180	2021-12
ISO/TS 9241-430	Ergonomics of human-system interaction – Part 430: Recommendations for the design of non-touch gestural input for the reduction of biomechanical stress	13.100; 13.180; 35.180	2021-12
ISO 9712	Non-destructive testing – Qualification and certification of NDT personnel	03.100.30; 19.100	2021-12
ISO 10675-1	Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 1: Steel, nickel, titanium and their alloys	25.160.40	2021-12

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 10675-2	Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 2: Aluminium and its alloys	25.160.40	2021-12
ISO 10844	Acoustics – Specification of test tracks for measuring sound emitted by road vehicles and their tyres	17.140.30; 43.020	2021-12
ISO 10957	Information and documentation – International standard music number (ISMN)	01.140.20	2021-12
ISO 11400	Nickel, ferronickels and nickel alloys – Determination of phosphorus content – Phosphovanadomolybdate spectrophotometric method	77.100; 77.120.40	2021-12
ISO 11596	Jewellery and precious metals – Sampling of precious metals and precious metal alloys	39.060	2021-12
ISO 12179	Geometrical product specifications (GPS) – Surface texture: Profile method – Calibration of contact (stylus) instruments	17.040.30	2021-12
ISO 12543-1	Glass in building – Laminated glass and laminated safety glass – Part 1: Vocabulary and description of component parts	01.040.81; 81.040.20	2021-12
ISO 12543-2	Glass in building – Laminated glass and laminated safety glass – Part 2: Laminated safety glass	81.040.20	2021-12
ISO 12543-3	Glass in building – Laminated glass and laminated safety glass – Part 3: Laminated glass	81.040.20	2021-12
ISO 12543-4	Glass in building – Laminated glass and laminated safety glass – Part 4: Test methods for durability	81.040.20	2021-12
ISO 12543-5	Glass in building – Laminated glass and laminated safety glass – Part 5: Dimensions and edge finishing	81.040.20	2021-12
ISO 12543-6	Glass in building – Laminated glass and laminated safety glass – Part 6: Appearance	81.040.20	2021-12
ISO 13322-2	Particle size analysis – Image analysis methods – Part 2: Dynamic image analysis methods	19.120	2021-12
ISO 13585	Brazing – Qualification testing of brazers and brazing operators	25.160.01	2021-12
ISO 13820	Paper, board and corrugated fibreboard – Description and calibration of fixed platen compression-testing equipment	85.100	2021-12
ISO 15500-17	Road vehicles – Compressed natural gas (CNG) fuel system components – Part 17: Flexible fuel line	43.060.40	2021-12
ISO 15639-2	Radio frequency identification of animals – Standardization of injection sites for different animal species – Part 2: Equine (horses, donkeys and zebras)	35.040.50; 65.020.30	2021-12
ISO 16925	Paints and varnishes – Determination of the resistance of coatings to pressure water-jetting	87.040	2021-12
ISO 17738-1	Thermal insulation products – Exterior insulation finish systems – Part 1: Materials	91.100.60	2021-12
ISO 17779	Brazing – Specification and qualification of brazing procedures for metallic materials	25.160.01	2021-12
ISO 17962 AMD 1	Agricultural machinery – Equipment for sowing – Minimization of the environmental effects of fan exhaust from pneumatic systems; Amendment 1	65.060.30	2021-12
ISO 18115-2	Surface chemical analysis – Vocabulary – Part 2: Terms used in scanning-probe microscopy	01.040.71; 71.040.40	2021-12
ISO 18338	Metallic materials – Torsion test at room temperature	77.040.10	2021-12
ISO 18626	Information and documentation – Interlibrary loan transactions	35.240.30	2021-12
ISO 18913	Imaging materials – Permanence – Vocabulary	01.040.37; 37.040.20	2021-12
ISO/TS 19014-5	Earth-moving machinery – Functional safety – Part 5: Tables of performance levels	53.100	2021-12
ISO/TR 19222	Road vehicles – Injury risk curves for the THOR dummy	43.180	2021-12
ISO 20345	Personal protective equipment – Safety footwear	13.340.50	2021-12
ISO 20346	Personal protective equipment – Protective footwear	13.340.50	2021-12
ISO 20347	Personal protective equipment – Occupational footwear	13.340.50	2021-12

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 20388	Biotechnology – Biobanking – Requirements for animal biological material	07.080	2021-12
ISO/TR 20413	Fire safety engineering – Survey of performance-based fire safety design practices in different countries	13.220.01	2021-12
ISO 20519	Ships and marine technology – Specification for bunkering of liquefied natural gas fuelled vessels	47.020.99	2021-12
ISO 20602 AMD 1	Ships and marine technology – Check valves for use in low temperature applications – Design and testing requirements; Amendment 1	47.020.30	2021-12
ISO 20776-2	Clinical laboratory testing and in vitro diagnostic test systems – Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices – Part 2: Evaluation of performance of antimicrobial susceptibility test devices against reference broth micro-dilution	11.100.20	2021-12
ISO 21013-1	Cryogenic vessels – Pressure-relief accessories for cryogenic service – Part 1: Reclosable pressure-relief valves	23.020.40	2021-12
ISO 21111-11	Road vehicles – In-vehicle Ethernet – Part 11: Application layer to session layer conformance test plans	43.040.10	2021-12
ISO 21384-2	Unmanned aircraft systems – Part 2: UAS components	49.020	2021-12
ISO 21909-1	Passive neutron dosimetry systems – Part 1: Performance and test requirements for personal dosimetry	13.280	2021-12
ISO 21909-2	Passive neutron dosimetry systems – Part 2: Methodology and criteria for the qualification of personal dosimetry systems in workplaces	13.280	2021-12
ISO 21920-1	Geometrical product specifications (GPS) – Surface texture: Profile – Part 1: Indication of surface texture	17.040.40	2021-12
ISO 21920-2	Geometrical product specifications (GPS) – Surface texture: Profile – Part 2: Terms, definitions and surface texture parameters	01.040.17; 17.040.40	2021-12
ISO 21920-3	Geometrical product specifications (GPS) – Surface texture: Profile – Part 3: Specification operators	17.040.40	2021-12
ISO 22044	Commercial beverage coolers – Classification, requirements and test conditions	97.130.20	2021-12
ISO/TS 22318	Security and resilience – Business continuity management systems – Guidelines for supply chain continuity management	03.100.01	2021-12
ISO 22482	Thermal insulation products – Aerogel blanket for buildings – Specification	91.100.60	2021-12
ISO 22550	Document management – AFP interchange for PDF	35.240.30; 37.100.99	2021-12
ISO 22568-4	Foot and leg protectors – Requirements and test methods for footwear components – Part 4: Non-metallic perforation resistant inserts	13.340.50	2021-12
ISO/TS 22984	Transport packaging – Cleaning and sanitation methods of reusable transport items for distribution purpose	55.020	2021-12
ISO 23040	Marine environment impact assessment (MEIA) – Specification for marine sediments in seabed areas – Survey of interstitial biota	07.080; 13.020.99; 47.020.99	2021-12
ISO/TS 23301	STEP geometry visualization services	03.080.99; 25.040.40	2021-12
ISO 23376	Intelligent transport systems – Vehicle-to-vehicle intersection collision warning systems (VVICW) – Performance requirements and test procedures	35.240.60; 43.040.80	2021-12
ISO 23419	Traditional Chinese medicine – General requirements for manufacturing procedures and quality assurance of granules	11.120.10	2021-12
ISO 23434-1	Industrial trucks – Sustainability – Part 1: Vocabulary	01.040.53; 53.060	2021-12
ISO 23434-2	Industrial trucks – Sustainability – Part 2: Factors and reporting	53.060	2021-12
ISO 23637	Cereals – Determination of cadmium content by graphite furnace atomic absorption spectrometry with diluted nitric acid extraction	67.060	2021-12
ISO 23693-1	Determination of the resistance to gas explosions of passive fire protection materials – Part 1: General requirements	13.220.50	2021-12

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 23765	Ships and marine technology – Marine environment protection – Specification for collecting data on ship's fuel oil consumption	13.020.99; 47.020.99	2021-12
ISO 23872	Mining structures – Underground structures	73.020	2021-12
ISO 24032	Soil quality – In situ caging of snails to assess bioaccumulation of contaminants	13.080.30	2021-12
ISO 24180	Textiles – Synthetic filament yarns – Electrostatic propensity evaluation by measuring electrical resistance	59.080.20	2021-12
ISO 24443	Cosmetics – Determination of sunscreen UVA photoprotection in vitro	71.100.70	2021-12
ISO 24623-2	Language resource management – Corpus query lingua franca (CQLF) – Part 2: Ontology	01.020	2021-12
ISO 25178-2	Geometrical product specifications (GPS) – Surface texture: Areal – Part 2: Terms, definitions and surface texture parameters	17.040.20	2021-12
ISO 52120-1	Energy performance of buildings – Contribution of building automation, controls and building management – Part 1: General framework and procedures	91.120.10	2021-12
ISO/TR 52120-2	Energy performance of buildings – Contribution of building automation, controls and building management – Part 2: Explanation and justification of ISO 52120-1	91.120.10	2021-12

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CISPR 25	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers	33.060.20; 33.100.10; 33.100.20; 47.020.70	2021-12
IEC 60038 AMD 1	IEC standard voltages; Amendment 1	29.020	2021-12
IEC 60038 Edition 7.1	IEC standard voltages	29.020	2021-12
IEC 60230 AMD 1	Impulse tests on cables and their accessories; Amendment 1	29.060.20	2021-12
IEC 60230 Edition 2.1	Impulse tests on cables and their accessories	29.060.20	2021-12
IEC 60269-7	Low voltage fuses – Part 7: Supplementary Requirements for fuse-links for the protection of batteries and battery systems	29.120.50	2021-12
IEC 60335-1 Corrigendum 1	Household and similar electrical appliances – Safety – Part 1: General requirements; Corrigendum 1	97.030	2021-12
IEC 60335-2-10	Household and similar electrical appliances – Safety – Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines	13.120; 97.080	2021-12
IEC 60335-2-13	Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances	13.120; 97.040.20; 97.040.50	2021-12
IEC 60335-2-36	Household and similar electrical appliances – Safety – Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements	97.040.20	2021-12
IEC 60335-2-59	Household and similar electrical appliances – Safety – Part 2-59: Particular requirements for insect killers	13.120; 97.030; 97.180	2021-12
IEC 60335-2-64	Household and similar electrical appliances – Safety – Part 2-64: Particular requirements for commercial electric kitchen machines	97.040.10; 97.040.20	2021-12
IEC 60519-4	Safety in installations for electroheating and electromagnetic processing – Part 4: Particular requirements for arc furnace installations	25.180.10	2021-12
IEC 60534-4	Industrial-process control valves – Part 4: Inspection and routine testing	23.060.40	2021-12
IEC 60598-2-22	Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting	29.140.40; 91.160.10	2021-12
IEC 60947-6-2 Corrigendum 1	Low-voltage switchgear and controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS); Corrigendum 1	29.130.20	2021-12
IEC 61097-2 Corrigendum 1	Global maritime distress and safety system (GMDSS) – Part 2: Cospas-Sarsat EPIRB – Emergency position indicating radio beacon operating on 406 MHz – Operational and performance requirements, methods of testing and required test results; Corrigendum 1	47.020.70	2021-12
IEC 61223-3-7	Evaluation and routine testing in medical imaging departments – Part 3-7: Acceptance and constancy tests – Imaging performance of X-ray equipment for dental cone beam computed tomography	11.040.50; 11.060.20	2021-12
IEC 61280-4-1 AMD 1	Fibre-optic communication subsystem test procedures – Part 4-1: Installed cabling plant – Multimode attenuation measurement; Amendment 1	33.180.01	2021-12
IEC 61280-4-1 Edition 3.1	Fibre-optic communication subsystem test procedures – Part 4-1: Installed cabling plant – Multimode attenuation measurement	33.180.01	2021-12
IEC 61347-2-7 AMD 2	Lamp controlgear – Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained); Amendment 2	29.140.99; 91.160.10	2021-12
IEC 61347-2-7 Edition 3.2	Lamp controlgear – Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained)	29.140.99; 91.160.10	2021-12
IEC 61400-13 AMD 1	Wind turbines – Part 13: Measurement of mechanical loads; Amendment 1	27.180	2021-12
IEC 61400-13 Edition 1.1	Wind turbines – Part 13: Measurement of mechanical loads	27.180	2021-12
IEC 61439-1 Corrigendum 1	Low-voltage switchgear and controlgear assemblies – Part 1: General rules; Corrigendum 1	29.130.20	2021-12

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/TR 61850-7-510	Communication networks and systems for power utility automation – Part 7-510: Basic communication structure – Hydroelectric power plants, steam and gas turbines – Modelling concepts and guidelines	27.140; 33.040.40; 33.200	2021-12
IEC/TR 61850-90-14	Communication networks and systems for power utility automation – Part 90-14: Using IEC 61850 for FACTS (flexible alternate current transmission systems), HVDC (high voltage direct current) transmission and power conversion data modelling	33.040.40; 33.200	2021-12
IEC 61935-2-21	Specification for the testing of balanced and coaxial information technology cabling – Part 2-21: Category 6 cords as specified in ISO/IEC 118011 – Blank detail specification	33.120.10	2021-12
IEC 61935-2-22	Specification for the testing of balanced and coaxial information technology cabling – Part 2-22: Category 6A cords as specified in ISO/IEC 11801-1 – Blank detail specification	33.120.10	2021-12
IEC 61970-456	Energy management system application program interface (EMS-API) – Part 456: Solved power system state profiles	33.200; 35.240.50	2021-12
IEC 62133-2 AMD 1 Corrigendum 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; Corrigendum 1	29.220.30	2021-12
IEC 62271-100 Corrigendum 1	High-voltage switchgear and controlgear – Part 100: Alternating-current circuit-breakers; Corrigendum 1	29.130.10	2021-12
IEC 62288	Maritime navigation and radiocommunication equipment and systems – Presentation of navigation-related information on shipborne navigational displays – General requirements, methods of testing and required test results	47.020.70	2021-12
IEC 62439-2	Industrial communication networks – High availability automation networks – Part 2: Media Redundancy Protocol (MRP)	25.040.40; 35.100.05; 35.110; 35.240.50	2021-12
IEC 62439-3	Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR)	25.040.40; 35.100.05; 35.110; 35.240.50	2021-12
IEC 62499	Railway applications – Current collection systems – Pantographs, testing methods for contact strips	29.280; 45.060.01	2021-12
IEC 63182-3	Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 3: E-cores	29.100.10	2021-12
IEC/TS 63202-2	Photovoltaic cells – Part 2: Electroluminescence imaging of crystalline silicon solar cells	27.160	2021-12
IEC 63203-406-1	Wearable electronic devices and technologies – Part 406-1: Test method for measuring surface temperature of wrist-worn wearable electronic devices while in contact with human skin	17.200.20; 31.020; 59.080.80	2021-12
IEC/TS 63222-1	Power quality management – Part 1: General guidelines	29.020; 29.240.01	2021-12
IEC/TR 63378-1	Thermal standardization on semiconductor packages – Part 1: Thermal resistance and thermal parameter of BGA, QFP type semiconductor packages	31.080.01; 31.240	2021-12
IEC/TR 63388	Report on the development of cogeneration	27.040; 27.100	2021-12
IEC 81001-5-1	Health software and health IT systems safety, effectiveness and security – Part 5-1: Security – Activities in the product life cycle	11.040.01; 35.080; 35.240.80	2021-12
ISO/IEC 9594-2 AMD 1	Information technology – Open systems interconnection – Part 2: The Directory: Models; Amendment 1	35.100.70	2021-12
ISO/IEC 9594-8 Technical Corrigendum 1	Information technology – Open systems interconnection – Part 8: The Directory: Public-key and attribute certificate frameworks; Technical Corrigendum 1	35.100.70	2021-12
ISO/IEC 15961-1	Information technology – Data protocol for radio frequency identification (RFID) for item management – Part 1: Application interface	35.040.50	2021-12
ISO/IEC TS 17021-13	Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 13: Competence requirements for auditing and certification of compliance management systems	03.100.01; 03.100.02; 03.120.20	2021-12

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ISO/IEC 21794-3	Information technology – Plenoptic image coding system (JPEG Pleno) – Part 3: Conformance testing	35.040.30	2021-12
ISO/IEC 23000-22 AMD 2	Information technology – Multimedia application format (MPEG-A) – Part 22: Multi-image application format (MIAF) – Amendment 2: HEVC Advanced HDR profile and other clarifications	35.040.40	2021-12
ISO/IEC 23003-3 AMD 1	Information technology – MPEG audio technologies – Part 3: Unified speech and audio coding – Amendment 1: Reference software and conformance	35.040.40	2021-12
ISO/IEC 23008-10 AMD 1	Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 10: MPEG media transport forward error correction (FEC) codes – Amendment 1: Window-based FEC code	35.040.40	2021-12
ISO/IEC TS 23884	Information technology – Computer graphics, image processing and environmental data representation – Material property and parameter representation for model-based haptic simulation of objects in virtual, mixed and augmented reality (VR/MAR)	35.140	2021-12
ISO/IEC TR 24372	Information technology – Artificial intelligence (AI) – Overview of computational approaches for AI systems	35.020	2021-12
ISO/IEC 27021 AMD 1	Information technology – Security techniques – Competence requirements for information security management systems professionals – Amendment 1: Addition of ISO/IEC 27001:2013 clauses or subclauses to competence requirements	35.030	2021-12
ISO/IEC 27070	Information technology – Security techniques – Requirements for establishing virtualized roots of trust	35.030	2021-12
ISO/IEC 30193	Information technology – Digitally recorded media for information interchange and storage – 120 mm triple layer (100,0 Gbytes per disk) BD rewritable disk	35.220.30	2021-12
ISO/IEC TS 38505-3	Information technology – Governance of data – Part 3: Guidelines for data classification	35.020	2021-12
IEC 81001-5-1	Health software and health IT systems safety, effectiveness and security – Part 5-1: Security – Activities in the product life cycle	35.080; 35.240.80	2021-12