

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 6, *Papir, karton i pulpe*

HRN EN ISO 7213:2022 en pr
Pulpe – Uzorkovanje radi ispitivanja (ISO 7213:2021; EN ISO 7213:2021)
Pulps – Sampling for testing (ISO 7213:2021; EN ISO 7213:2021)

HZN/TO 8, *Brodogradnja*

HRN ISO 4568:2022 en pr
Brodovi i pomorska tehnologija – Pomorski plovni objekti – Vitla i sidrena vitla (ISO 4568:2021)
Ships and marine technology – Sea-going vessels – Windlasses and anchor capstans (ISO 4568:2021)

HRN ISO 15364:2022 en pr
Brodovi i pomorska tehnologija – Tlačno/vakuumski ventili za spremnike tereta i uređaji za sprječavanje prolaska plamena u spremnike tereta (ISO 15364:2021)
Ships and marine technology – Pressure-vacuum valves for cargo tanks and devices to prevent the passage of flame into cargo tanks (ISO 15364:2021)

HRN ISO 15370:2022 en pr
Brodovi i pomorska tehnologija – Nisko smještena rasvjeta na putničkim brodovima (LLL) – Razmještaj (ISO 15370:2021)
Ships and marine technology – Low-location lighting (LLL) on passenger ships – Arrangement (ISO 15370:2021)

HRN ISO 15372:2003/A1:2022 en pr
Brodovi i pomorska tehnologija – Brodice za spašavanje na napuhavanje – Impregniрана tkanina za napuhujuće komore – Amandman 1: Ispitivanje otpornosti na ulje (ISO 15372:2000/Amd 1:2021)
Ships and marine technology – Inflatable rescue boats – Coated fabrics for inflatable chambers – Amendment 1: Oil-resistance test (ISO 15372:2000/Amd 1:2021)

HRN ISO 16273:2022 en pr
Brodovi i pomorska tehnologija – Oprema za vidljivost noću za brza plovila – Operativni i izvedbeni zahtjevi, metode ispitivanja i zahtijevani rezultati ispitivanja (ISO 16273:2020)
Ships and marine technology – Night vision equipment for high-speed craft – Operational and performance requirements, methods of testing and required test results (ISO 16273:2020)

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

HRN EN ISO 4254-1:2015/A1:2022 en pr
Poljoprivredna mehanizacija – Sigurnost – 1. dio: Opći zahtjevi (ISO 4254-1:2013/Amd 1:2021; EN ISO 4254-1:2015/A1:2021)
Agricultural machinery – Safety – Part 1: General requirements (ISO 4254-1:2013/Amd 1:2021; EN ISO 4254-1:2015/A1:2021)

HRN EN 16517:2022 en pr
Poljoprivredna i šumarska mehanizacija – Mobilne žičare za iznošenje drva – Sigurnost (EN 16517:2021)
Agricultural and forestry machinery – Mobile yarders for timber logging – Safety (EN 16517:2021)

HRN EN ISO 22867:2022 en pr
Šumarska i vrtna mehanizacija – Pravilo za ispitivanje vibracija na prenosivim ručno upravljanim strojevima s motorom s unutrašnjim izgaranjem – Vibracija na ručkama (ISO 22867:2021; EN ISO 22867:2021)
Forestry and gardening machinery – Vibration test code for portable hand-held machines with internal combustion engine – Vibration at the handles (ISO 22867:2021; EN ISO 22867:2021)

HZN/TO 43, *Akustika*

HRS ISO/TS 15666:2022 en pr
Akustika – Utvrđivanje smetnje bukom s pomoću socioloških i sociološko-akustičkih anketa (ISO/TS 15666:2021)
Acoustics – Assessment of noise annoyance by means of social and socio-acoustic surveys (ISO/TS 15666:2021)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 10675-1:2022 en pr
Nerazorno ispitivanje zavara – Razine prihvatljivosti za radiografsko ispitivanje – 1. dio: Čelik, nikel, titanij i njihove legure (ISO 10675-1:2021; EN ISO 10675-1:2021)
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 1: Steel, nickel, titanium and their alloys (ISO 10675-1:2021; EN ISO 10675-1:2021)

HRN EN ISO 10675-2:2022 en pr
Nerazorno ispitivanje zavara – Razine prihvatljivosti za radiografsko ispitivanje – 2. dio: Aluminij i njegove legure (ISO 10675-2:2021; EN ISO 10675-2:2021)
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 2: Aluminium and its alloys (ISO 10675-2:2021; EN ISO 10675-2:2021)

HRN EN ISO 23864:2022 en pr
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje – Upotreba automatizirane tehnike potpunog fokusiranja (TFM) i srodnih tehnologija (ISO 23864:2021; EN ISO 23864:2021)
Non-destructive testing of welds – Ultrasonic testing – Use of automated total focusing technique (TFM) and related technologies (ISO 23864:2021; EN ISO 23864:2021)

HZN/TO 92, *Zaštita od požara*

HRN EN 1366-3:2022 en pr
Ispitivanja otpornosti na požar servisnih instalacija – 3. dio: Penetracijske brtve (EN 1366-3:2021)
Fire resistance tests for service installations – Part 3: Penetration seals (EN 1366-3:2021)

HRN EN 1366-11:2022 en pr
Ispitivanja otpornosti na požar servisnih instalacija – 11. dio: Sustavi zaštite od požara za sustave kabela i pripadajuće dijelove (EN 1366-11:2018+A1:2021)
Fire resistance tests for service installations – Part 11: Fire protective systems for cable systems and associated components (EN 1366-11:2018+A1:2021)

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

HRS CEN/TS 1555-7:2022 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 7. dio: Upute za ocjenjivanje sukladnosti (CEN/TS 1555-7:2021)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 7: Guidance for the assessment of conformity (CEN/TS 1555-7:2021)

HZN/TO 146, *Kvaliteta zraka*

HRN EN 1540:2022 en pr
Profesionalna izloženost – Nazivlje (EN 1540:2021)
Workplace exposure – Terminology (EN 1540:2021)

HRN EN 14583:2022 en pr
Profesionalna izloženost – Volumetrijski uzorkivači bioaerosola – Opći zahtjevi i vrednovanje radnih značajki (EN 14583:2021)
Workplace exposure – Volumetric bioaerosol samplers – General requirements and evaluation of performance (EN 14583:2021)

HZN/TO 159, Ergonomija

HRN EN ISO 8996:2022 en pr
Ergonomija toplinskog okoliša – Određivanje metaboličkog ritma (ISO 8996:2021; EN ISO 8996:2021)
Ergonomics of the thermal environment – Determination of metabolic rate (ISO 8996:2021; EN ISO 8996:2021)

HZN/TO 217, Kozmetika

HRN EN ISO 16217:2022 en pr
Kozmetika – Metode određivanja zaštitnih faktora – Određivanje vodootpornosti postupkom uranjanja u vodu (ISO 16217:2020; EN ISO 16217:2021)
Cosmetics – Sun protection test methods – Water immersion procedure for determining water resistance (ISO 16217:2020; EN ISO 16217:2021)

HRN EN ISO 18861:2022 en pr
Kozmetika – Metode određivanja zaštitnih faktora – Postotak vodootpornosti (ISO 18861:2020; EN ISO 18861:2021)
Cosmetics – Sun protection test methods – Percentage of water resistance (ISO 18861:2020; EN ISO 18861:2021)

HRN EN ISO 21322:2022 en pr
Kozmetika – Mikrobiologija – Ispitivanje impregniranih ili obloženih maramica i maski (ISO 21322:2020; EN ISO 21322:2021)
Cosmetics – Microbiology – Testing of impregnated or coated wipes and masks (ISO 21322:2020; EN ISO 21322:2021)

HRN EN ISO 24443:2022 en pr
Kozmetika – In vitro određivanje UVA zaštitnih faktora (ISO 24443:2021; EN ISO 24443:2021)
Cosmetics – Determination of sunscreen UVA photoprotection in vitro (ISO 24443:2021; EN ISO 24443:2021)

HZN/TO 228, Usluge u turizmu

HRN ISO 21406:2022 en pr
Turističke i srodne usluge – Luke nautičkog turizma – Osnovni zahtjevi za luksuzne luke (ISO 21406:2020)
Tourism and related services – Yacht harbours – Essential requirements for luxury harbours (ISO 21406:2020)

HRN ISO 22483:2022 en pr
Turističke i srodne usluge – Hoteli – Zahtjevi za usluge (ISO 22483:2020)
Tourism and related services – Hotels – Service requirements (ISO 22483:2020)

HRN ISO 22525:2022 en pr
Turističke i srodne usluge – Medicinski turizam – Zahtjevi za usluge (ISO 22525:2020)
Tourism and related services – Medical tourism – Service requirements (ISO 22525:2020)

HZN/TO 502, Plinski uređaji

HRN EN 30-1-1:2022 en pr
Plinski uređaji za kuhanje za kućanstva – Dio 1-1: Sigurnost – Općenito (EN 30-1-1:2021)
Domestic cooking appliances burning gas – Part 1-1: Safety – General (EN 30-1-1:2021)

HRN EN 203-1:2022 en pr
Ugostiteljska oprema na plin – 1. dio: Opći sigurnosni zahtjevi (EN 203-1:2021)
Gas heated catering equipment – Part 1: General safety requirements (EN 203-1:2021)

HRN EN 203-2-1:2022 en pr
Ugostiteljska oprema na plin – Dio 2-1: Specifični zahtjevi – Otvoreni plamenici i wok plamenici (EN 203-2-1:2021)
Gas heated catering equipment – Part 2-1: Specific requirements – Open burners and wok burners (EN 203-2-1:2021)

HRN EN 203-2-2:2022 en pr
Ugostiteljska oprema na plin – Dio 2-2: Posebni zahtjevi – Pećnice (EN 203-2-2:2021)
Gas heated catering equipment – Part 2-2: Specific requirements – Ovens (EN 203-2-2:2021)

HRN EN 203-2-4:2022 en pr
Ugostiteljska oprema na plin – Dio 2-4: Posebni zahtjevi – Friteze (EN 203-2-4:2021)
Gas heated catering equipment – Part 2-4: Specific requirements – Fryers (EN 203-2-4:2021)

HRN EN 613:2022 en pr
Neovisni zatvoreni grijači na plin tip B11, tip C11, tip C31 i tip C91 (EN 613:2021)
Independent closed-fronted gas-fired type B11, type C11, type C31 and type C91 heaters (EN 613:2021)

HZN/TO 503, Metalni materijali

HRN EN ISO 2566-1:2022 en pr
Čelik – Konverzija vrijednosti istezljivosti – 1. dio: Ugljični i nisko legirani čelici (ISO 2566-1:2021; EN ISO 2566-1:2021)
Steel – Conversion of elongation values – Part 1: Carbon and low alloy steels (ISO 2566-1:2021; EN ISO 2566-1:2021)

HRN EN ISO 2566-2:2022 en pr
Čelik – Konverzija vrijednosti istezljivosti – 2. dio: Austenitni čelici (ISO 2566-2:2021; EN ISO 2566-2:2021)
Steel – Conversion of elongation values – Part 2: Austenitic steels (ISO 2566-2:2021; EN ISO 2566-2:2021)

HRN EN 10264-2:2022 en pr
Čelična žica i žičani proizvodi – Čelična žica za užad – 2. dio: Hladno vučena nelegirana čelična žica za užad opće namjene (EN 10264-2:2021)
Steel wire and wire products – Steel wire for ropes – Part 2: Cold drawn non alloy steel wire for ropes for general applications (EN 10264-2:2021)

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

HRN EN ISO 35102:2022 en pr
Industrija nafte i prirodnoga plina – Operacije na Arktiku – Napuštanje, evakuacija i spašavanje s odobalnih instalacija (ISO 35102:2020; EN ISO 35102:2021)
Petroleum and natural gas industries – Arctic operations – Escape, evacuation and rescue from offshore installations (ISO 35102:2020; EN ISO 35102:2021)

HZN/TO 509, Cestovna oprema

HRN EN 1463-1:2022 en pr
Materijali za oznake na kolniku – Retroreflektirajući markeri – 1. dio: Osnovna zahtijevana svojstva (EN 1463-1:2021)
Road marking materials – Retroreflecting road studs – Part 1: Initial performance requirements (EN 1463-1:2021)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 17526:2022 en pr
Plinomjeri – Plinomjeri na bazi termalnog mjerila masenog protoka (EN 17526:2021)
Gas meters – Thermal-mass flow-meter based gas meter (EN 17526:2021)

HZN/TO 516, Usluge prijevoza

HRN EN 17478:2022 en pr
Usluge prijevoza – Komunikacija s korisnicima usluga prijevoza putnika – Pristup utemeljen na jedinstvenom dizajnu (EN 17478:2021)
Transport Services – Customer communications for passenger transport services – A Universal Design approach (EN 17478:2021)

HZN/TO 528, Oprema za željeznice

HRN EN 13848-3:2022 en pr
Željeznički sustav – Željeznički gornji ustroj – Kvaliteta kolosiječne geometrije – 3. dio: Mjerni sustavi – Kolosiječni strojevi za gradnju i održavanje (EN 13848-3:2021)
Railway applications – Track – Track geometry quality – Part 3: Measuring systems – Track construction and maintenance machines (EN 13848-3:2021)

HRN EN 14067-5:2022 en pr
Željeznički sustav – Aerodinamika – 5. dio: Zahtjevi i ispitni postupci za aerodinamiku u tunelima (EN 14067-5:2021)
Railway applications – Aerodynamics – Part 5: Requirements and assessment procedures for aerodynamics in tunnels (EN 14067-5:2021)

HRN EN 14752:2022 en pr
Željeznički sustav – Sustavi bočnog ulaženja za željeznička vozila (EN 14752:2019+A1:2021)
Railway applications – Bodyside entrance systems for rolling stock (EN 14752:2019+A1:2021)

HRN EN 15734-1:2022 en pr
Željeznički sustav – Kočni sustavi za vlakove velikih brzina – 1. dio: Zahtjevi i definicije (EN 15734-1:2010+A1:2021)
Railway applications – Braking systems of high speed trains – Part 1: Requirements and definitions (EN 15734-1:2010+A1:2021)

HRN EN 15734-2:2022 en pr
Željeznički sustav – Kočni sustavi za vlakove velikih brzina – 2. dio: Metode ispitivanja (EN 15734-2:2010+A1:2021)
Railway applications – Braking systems of high speed trains – Part 2: Test methods (EN 15734-2:2010+A1:2021)

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

HRN EN 13411-4:2022 en pr
Završetci čeličnih užadi – Sigurnost – 4. dio: Metalni i plastični zaliveni završetci (EN 13411-4:2021)
Terminations for steel wire ropes – Safety – Part 4: Metal and resin socketing (EN 13411-4:2021)

HZN/TO 531, Plastika i guma

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

HRN EN ISO 22403:2022 en pr
Plastika – Procjena intrinzične biorazgradivosti materijala izloženih morskom inokulatu u mezofilnim aerobnim laboratorijskim uvjetima – Metode ispitivanja i zahtjevi (ISO 22403:2020; EN ISO 22403:2021)
Plastics – Assessment of the intrinsic biodegradability of materials exposed to marine inocula under mesophilic aerobic laboratory conditions – Test methods and requirements (ISO 22403:2020; EN ISO 22403:2021)

HRN EN ISO 22404:2022 en pr
Plastika – Određivanje aerobne biorazgradnje ne-plutajućih materijala izloženih morskom sedimentu – Metoda analizom razvijenog ugljikovog dioksida (ISO 22404:2019; EN ISO 22404:2021)
Plastics – Determination of the aerobic biodegradation of non-floating materials exposed to marine sediment – Method by analysis of evolved carbon dioxide (ISO 22404:2019; EN ISO 22404:2021)

HRN EN ISO 22526-1:2022 en pr
Plastika – Ugljični i ekološki otisak plastike na biosnovi – 1. dio: Opća načela (ISO 22526-1:2020; EN ISO 22526-1:2021)
Plastics – Carbon and environmental footprint of biobased plastics – Part 1: General principles (ISO 22526-1:2020; EN ISO 22526-1:2021)

HRN EN ISO 22526-2:2022 en pr
Plastika – Ugljični i ekološki otisak plastike na biosnovi – 2. dio: Ugljični otisak materijala, masena količina CO₂ uklonjena iz zraka i ugrađena u molekulu polimera (ISO 22526-2:2020; EN ISO 22526-2:2021)
Plastics – Carbon and environmental footprint of biobased plastics – Part 2: Material carbon footprint, amount (mass) of CO₂ removed from the air and incorporated into polymer molecule (ISO 22526-2:2020; EN ISO 22526-2:2021)

HRN EN ISO 22526-3:2022 en pr
Plastika – Ugljični i ekološki otisak plastike na biosnovi – 3. dio: Obrada ugljičnog otiska, zahtjevi i smjernice za određivanje količine (ISO 22526-3:2020; EN ISO 22526-3:2021)
Plastics – Carbon and environmental footprint of biobased plastics – Part 3: Process carbon footprint, requirements and guidelines for quantification (ISO 22526-3:2020; EN ISO 22526-3:2021)

HRN EN ISO 22766:2022 en pr
Plastika – Određivanje stupnja razlaganja plastičnih materijala u morskim staništima u stvarnim terenskim uvjetima (ISO 22766:2020; EN ISO 22766:2021)
Plastics – Determination of the degree of disintegration of plastic materials in marine habitats under real field conditions (ISO 22766:2020; EN ISO 22766:2021)

HRN EN ISO 23977-1:2022 en pr
Plastika – Određivanje aerobne biorazgradnje plastičnih materijala izloženih morskoj vodi – 1. dio: Metoda analizom razvijenog ugljikovog dioksida (ISO 23977-1:2020; EN ISO 23977-1:2021)
Plastics – Determination of the aerobic biodegradation of plastic materials exposed to seawater – Part 1: Method by analysis of evolved carbon dioxide (ISO 23977-1:2020; EN ISO 23977-1:2021)

HRN EN ISO 23977-2:2022 en pr
Plastika – Određivanje aerobne biorazgradnje plastičnih materijala izloženih morskoj vodi – 2. dio: Metoda mjerenjem potrebe za kisikom u zatvorenom respirometru (ISO 23977-2:2020; EN ISO 23977-2:2021)
Plastics – Determination of the aerobic biodegradation of plastic materials exposed to seawater – Part 2: Method by measuring the oxygen demand in closed respirometer (ISO 23977-2:2020; EN ISO 23977-2:2021)

HZN/TO 534, Spremnici za teret

HRI CEN/TR 13121-5:2022 en pr
Spremnici i posude od plastike ojačane staklom (GRP) za nadzemnu upotrebu – 5. dio: Primjer proračuna za posude od plastike ojačane staklom (GRP) (CEN/TR 13121-5:2017)
GRP tanks and vessels for use above ground – Part 5: Example calculation of a GRP-vessel (CEN/TR 13121-5:2017)

HRN EN 17527:2022 en pr
Kriostatni s helijem – Zaštita od prekomjernog tlaka (EN 17527:2021)
Helium cryostats – Protection against excessive pressure (EN 17527:2021)

HZN/TO 535, Agregati

HRN EN 1744-4:2022 en pr
Ispitivanja kemijskih svojstava agregata – 4. dio: Određivanje osjetljivosti punila za bitumenske mješavine na vodu (EN 1744-4:2021)
Tests for chemical properties of aggregates – Part 4: Determination of water susceptibility of fillers for bituminous mixtures (EN 1744-4:2021)

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

HRN EN 1527:2022 en pr
Građevni okovi – Okovi za klizna i složiva vrata – Zahtjevi i metode ispitivanja (EN 1527:2019+A1:2021)
Building hardware – Hardware for sliding doors and folding doors – Requirements and test methods (EN 1527:2019+A1:2021)

HRN EN 12453:2022 en pr
Industrijska, komercijalna, garažna i ostala ulazna vrata – Sigurnost pri upotrebi strojno pogonjenih vrata – Zahtjevi i metode ispitivanja (EN 12453:2017+A1:2021)
Industrial, commercial and garage doors and gates – Safety in use of power operated doors – Requirements and test methods (EN 12453:2017+A1:2021)

HRN EN ISO 12543-1:2022 en pr
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 1. dio: Definicije i opis sastavnih dijelova (ISO 12543-1:2021; EN ISO 12543-1:2021)
Glass in building – Laminated glass and laminated safety glass – Part 1: Definitions and description of component parts (ISO 12543-1:2021; EN ISO 12543-1:2021)

HRN EN ISO 12543-2:2022 en pr
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 2. dio: Višeslojno sigurnosno staklo (ISO 12543-2:2021; EN ISO 12543-2:2021)
Glass in building – Laminated glass and laminated safety glass – Part 2: Laminated safety glass (ISO 12543-2:2021; EN ISO 12543-2:2021)

HRN EN ISO 12543-3:2022 en pr
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 3. dio: Višeslojno staklo (ISO 12543-3:2021; EN ISO 12543-3:2021)
Glass in building – Laminated glass and laminated safety glass – Part 3: Laminated glass (ISO 12543-3:2021; EN ISO 12543-3:2021)

HRN EN ISO 12543-4:2022 en pr
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 4. dio: Metode ispitivanja za trajnost (ISO 12543-4:2021; EN ISO 12543-4:2021)
Glass in building – Laminated glass and laminated safety glass – Part 4: Test methods for durability (ISO 12543-4:2021; EN ISO 12543-4:2021)

HRN EN ISO 12543-5:2022 en pr
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 5. dio: Dimenzije i obrada rubova (ISO 12543-5:2021; EN ISO 12543-5:2021)
Glass in building – Laminated glass and laminated safety glass – Part 5: Dimensions and edge finishing (ISO 12543-5:2021; EN ISO 12543-5:2021)

HRN EN ISO 12543-6:2022 en pr
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 6. dio: Izgled (ISO 12543-6:2021; EN ISO 12543-6:2021)
Glass in building – Laminated glass and laminated safety glass – Part 6: Appearance (ISO 12543-6:2021; EN ISO 12543-6:2021)

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

HRN EN 13941-1:2022 en pr
Cijevi za daljinsko grijanje – Projektiranje i montaža toplinski izoliranih cijevnih sustava s jednom ili dvije cijevi za ukopane vrelovodne mreže – 1. dio: Projektiranje (EN 13941-1:2019+A1:2021)
District heating pipes – Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks – Part 1: Design (EN 13941-1:2019+A1:2021)

HRN EN 13941-2:2022 en pr
Cijevi za daljinsko grijanje – Projektiranje i montaža toplinski izoliranih cijevnih sustava s jednom ili dvije cijevi za ukopane vrelovodne mreže – 2. dio: Montaža (EN 13941-2:2019+A1:2021)
District heating pipes – Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks – Part 2: Installation (EN 13941-2:2019+A1:2021)

HRN EN 15805:2022 en pr
Filtri za čestice pri općoj ventilaciji – Standardne dimenzije (EN 15805:2021)
Particulate air filters for general ventilation – Standardised dimensions (EN 15805:2021)

HZN/TO 544, Strojni elementi

HRN ISO 4382-1:2022 en pr
Klizni ležajevi – Legure bakra – 1. dio: Legure bakra za lijevanje za jednoslojne ili višeslojne debelostijene klizne ležajeve (ISO 4382-1:2021)
Plain bearings – Copper alloys – Part 1: Cast copper alloys for solid and multilayer thick-walled plain bearings (ISO 4382-1:2021)

HRN ISO 4382-2:2022 en pr
Klizni ležajevi – Legure bakra – 2. dio: Legure bakra za kovanje za jednoslojne klizne ležajeve (ISO 4382-2:2021)
Plain bearings – Copper alloys – Part 2: Wrought copper alloys for solid plain bearings (ISO 4382-2:2021)

HRN ISO 6691:2022 en pr
Plastomeri za klizne ležajeve – Razredba i označivanje (ISO 6691:2021)
Thermoplastic polymers for plain bearings – Classification and designation (ISO 6691:2021)

HRN ISO 7905-1:2022 en pr
Klizni ležajevi – Zamor materijala ležaja – 1. dio: Klizni ležajevi u ispitnim uređajima te za primjene u uvjetima hidrodinamičkog podmazivanja (ISO 7905-1:2021)
Plain bearings – Bearing fatigue – Part 1: Plain bearings in test rigs and in applications under conditions of hydrodynamic lubrication (ISO 7905-1:2021)

HRN ISO 7905-2:2022 en pr
Klizni ležajevi – Zamor materijala ležaja – 2. dio: Ispitivanje s cilindričnim uzorkom metalnog materijala ležaja (ISO 7905-2:2021)
Plain bearings – Bearing fatigue – Part 2: Test with a cylindrical specimen of a metallic bearing material (ISO 7905-2:2021)

HZN/TO 548, Konstrukcijski eurokodovi

HRN EN 1992-4:2019/NA:2022 hr-en izv
Eurokod 2: Projektiranje betonskih konstrukcija – 4. dio: Projektiranje pričvršćivača za uporabu u betonu – Nacionalni dodatak
Eurocode 2: Design of concrete structures – Part 4: Design of fastenings for use in concrete – National Annex

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 17037:2022 en pr
Dnevno svjetlo u zgradama (EN 17037:2018+A1:2021)
Daylight in buildings (EN 17037:2018+A1:2021)

HZN/TO 550, Opskrba vodom

HRN EN 12873-2:2022 en pr
Utjecaj materijala na vodu namijenjenu ljudskoj potrošnji – Utjecaji zbog migracije – 2. dio: Metoda Ispitivanja za nemetalne i bezcementne materijale koji se upotrebljavaju na terenu (EN 12873-2:2021)
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 (EN 12873-2:2021)

HRN EN 13433:2022 en pr
Uređaji za sprečavanje onečišćenja vode za piće zbog povratnog toka – Izravno upravljani mehanički prekidači – Skupina G, tip A (EN 13433:2021)
Devices to prevent pollution by backflow of potable water – Mechanical disconnector, direct actuated – Family G, type A (EN 13433:2021)

HRN EN 13434:2022 en pr
Uređaji za sprečavanje onečišćenja vode za piće zbog povratnog toka – Protokom upravljani mehanički prekidači – Skupina G, tip B (EN 13434:2021)
Devices to prevent pollution by backflow of potable water – Mechanical disconnector, flow actuated – Family G, type B (EN 13434:2021)

HZN/TO 556, Osobna zaštitna oprema

HRN EN ISO 22568-4:2022 en pr
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za sastavne dijelove obuće – 4. dio: Nemetalni umetak otporan na proboj (ISO 22568-4:2021; EN ISO 22568-4:2021)
Foot and leg protectors – Requirements and test methods for footwear components – Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2021; EN ISO 22568-4:2021)

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

HRN EN 12952-2:2022 en pr
Vodocijevni kotlovi i pomoćne instalacije – 2. dio: Materijali za dijelove kotlova pod tlakom i pribor (EN 12952-2:2021)
Water-tube boilers and auxiliary installations – Part 2: Materials for pressure parts of boilers and accessories (EN 12952-2:2021)

HRN EN 12952-5:2022 en pr
Vodocijevni kotlovi i pomoćne instalacije – 5. dio: Radionička izrada i konstrukcija dijelova kotla pod tlakom (EN 12952-5:2021)
Water-tube boilers and auxiliary installations – Part 5: Workmanship and construction of pressure parts of the boiler (EN 12952-5:2021)

HRN EN 12952-6:2022 en pr
Vodocijevni kotlovi i pomoćne instalacije – 6. dio: Nadzor tijekom izrade; dokumentacija i označivanje dijelova kotla pod tlakom (EN 12952-6:2021)
Water-tube boilers and auxiliary installations – Part 6: Inspection during construction, documentation and marking of pressure parts of the boiler (EN 12952-6:2021)

HRN EN 12952-10:2022 en pr
Vodocijevni kotlovi i pomoćne instalacije – 10. dio: Zahtjevi za sigurnosne uređaje za zaštitu od prekoračenja tlaka (EN 12952-10:2021)
Water-tube boilers and auxiliary installations – Part 10: Requirements for safety devices against excessive pressure (EN 12952-10:2021)

HRN EN 14894:2022 en pr
Oprema i pribor za UNP – Označavanje boca i spremnika
(EN 14894:2021)
LPG equipment and accessories – Cylinder and drum marking
(EN 14894:2021)

HRN EN 15609:2022 en pr
Oprema i pribor za UNP – Pogonski sustavi na UNP
za brodove, jahte i ostala plovila – Zahtjevi za ugradnju
(EN 15609:2021)
LPG equipment and accessories – LPG propulsion systems
for boats, yachts and other watercraft – Installation
requirements (EN 15609:2021)

HRN EN 16119:2022 en pr
Oprema i pribor za UNP – Brtvene kape i čepovi za UNP
boce i ventile posuda pod tlakom – Specifikacija i ispitivanje
(EN 16119:2021)
LPG equipment and accessories – Sealing caps and plugs
for LPG cylinder and pressure vessel valves – Specification
and testing (EN 16119:2021)

HZN/TO 562, Alatni strojevi i alati

HRN EN ISO 19085-3:2022 en pr
Strojevi za obradu drva – Sigurnost – 3. dio: Numeričko
upravljeni strojevi (NC/CNC) za bušenje i vođenje po krivulji
(ISO 19085-3:2021; EN ISO 19085-3:2021)
Woodworking machines – Safety – Part 3: Numerically
controlled (NC/CNC) boring and routing machines
(ISO 19085-3:2021; EN ISO 19085-3:2021)

HZN/TO 569, Hrana za životinje

HRN EN 17550:2022 en pr
Hrana za životinje – Metode uzorkovanja i analize
– Određivanje karotenoida u krmnim smjesama i
premixsima tekućinskom kromatografijom visokog učinka
(HPLC) – UV detekcija (HPLC-UV) (EN 17550:2021)
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) (EN 17550:2021)

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

HRN EN 926-2:2022 en pr
Oprema za paraglajding – Paragladjeri – 2. dio: Zahtjevi i
metode ispitivanja za klasificiranje sigurnosnih karakteristika leta
(EN 926-2:2013+A1:2021)
Paragliding equipment – Paragliders – Part 2: Requirements
and test methods for classifying flight safety characteristics
(EN 926-2:2013+A1:2021)

HRN EN 12491:2022 en pr
Oprema za paraglajding – Rezervni padobrani – Sigurnosni
zahtjevi i metode ispitivanja (EN 12491:2015+A1:2021)
Paragliding equipment – Emergency parachutes – Safety
requirements and test methods (EN 12491:2015+A1:2021)

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

HRN EN 16166:2022 en pr
Tlo, obrađeni biootpad i mulj – Određivanje adsorbiranih
organski vezanih halogena (AOX) (EN 16166:2021)
Soil, treated biowaste and sludge – Determination of adsorbed
organically bound halogens (AOX) (EN 16166:2021)

HRN EN ISO 24032:2022 en pr
Kvaliteta tla – Procjena bioakumulacije onečišćivača putem
puževa izloženih u kavezima in situ (ISO 24032:2021;
EN ISO 24032:2021)
Soil quality – In situ caging of snails to assess bioaccumulation
of contaminants (ISO 24032:2021; EN ISO 24032:2021)

HZN/TO E38, Mjerni transformatori

HRI IEC/TR 61869-100:2022 en pr
Mjerni transformatori – 100. dio: Smjernice za primjenu strujnih
transformatora kod relejne zaštite u elektroenergetskom
sustavu (IEC/TR 61869-100:2017)
Instrument transformers – Part 100: Guidance for application
of current transformers in power system protection
(IEC/TR 61869-100:2017)

HRI IEC/TR 61869-102:2022 en pr
Mjerni transformatori – 102. dio: Ferorezonantne oscilacije
u transformatorskim stanicama s induktivnim naponskim
transformatorima (IEC/TR 61869-102:2014)
Instrument transformers – Part 102: Ferroresonance
oscillations in substations with inductive voltage transformers
(IEC/TR 61869-102:2014)

HRI IEC/TR 61869-103:2022 en pr
Mjerni transformatori – Korištenje mjernih transformatora kod
mjerjenja kvalitete električne energije (IEC/TR 61869-103:2012)
Instrument transformers – The use of instrument transformers
for power quality measurement (IEC/TR 61869-103:2012)

HRI IEC/TR 62689-100:2022 en pr
Strujni i naponski senzori ili detektori koji se koriste za indicaciju
prolaznih kvarova – 100. dio: Zahtjevi i prijedlozi za proširenje
modela podataka u normi IEC 61850 za podršku primjene
detektora prolaznih kvarova (IEC/TR 62689-100:2016)
Current and voltage sensors or detectors, to be used for
fault passage indication purposes – Part 100: Requirements
and proposals for the IEC 61850 series data model
extensions to support fault passage indicators applications
(IEC/TR 62689-100:2016)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-2-105:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-105:
Posebni zahtjevi za višenamjenske kabine za tuširanje
(IEC 60335-2-105:2016; EN IEC 60335-2-105:2021)
Household and similar electrical appliances – Safety
– Part 2-105: Particular requirements for multifunctional shower
cabinets (IEC 60335-2-105:2016; EN IEC 60335-2-105:2021)

HRN EN IEC 60335-2-105:2022/A11:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-105:
Posebni zahtjevi za višenamjenske kabine za tuširanje
(EN IEC 60335-2-105:2021/A11:2021)
Household and similar electrical appliances – Safety
– Part 2-105: Particular requirements for multifunctional
shower cabinets (EN IEC 60335-2-105:2021/A11:2021)

HRN EN IEC 60335-2-105:2022/A1:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-105:
Posebni zahtjevi za višenamjenske kabine za tuširanje
(IEC 60335-2-105:2016/am1:2019;
EN IEC 60335-2-105:2021/A1:2021)
Household and similar electrical appliances – Safety
– Part 2-105: Particular requirements for multifunctional
shower cabinets (IEC 60335-2-105:2016/am1:2019;
EN IEC 60335-2-105:2021/A1:2021)

HRN EN IEC 60335-2-41:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-41:
Posebni zahtjevi za crpke (IEC 60335-2-41:2012;
EN IEC 60335-2-41:2021)
Household and similar electrical appliances – Safety
– Part 2-41: Particular requirements for pumps
(IEC 60335-2-41:2012; EN IEC 60335-2-41:2021)

HRN EN IEC 60335-2-41:2022/A11:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-41:
Posebni zahtjevi za crpke (EN IEC 60335-2-41:2021/A11:2021)
Household and similar electrical appliances – Safety
– Part 2-41: Particular requirements for pumps
(EN IEC 60335-2-41:2021/A11:2021)

HRN EN 60335-2-54:2011/A12:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-54:
Posebni zahtjevi za kućanske aparate za čišćenje površina
primjenom tekućina ili pare (EN 60335-2-54:2008/A12:2021)
Household and similar electrical appliances – Safety
– Part 2-54: Particular requirements for surface-cleaning
appliances for household use employing liquids or steam
(EN 60335-2-54:2008/A12:2021)

HRN EN 60335-2-54:2011/A2:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-54:
Posebni zahtjevi za kućanske aparate za čišćenje površina
primjenom tekućina ili pare (IEC 60335-2-54:2008/am2:2019;
EN 60335-2-54:2008/A2:2021)
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/am2:2019; EN 60335-2-54:2008/A2:2021)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN IEC 60601-2-41:2022 en pr
Medicinska električna oprema – Dio 2-41: Posebni zahtjevi za sigurnost i bitne radne značajke kirurške i dijagnostičke opreme za osvijetljavanje (IEC 60601-2-41:2021; EN IEC 60601-2-41:2021)
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; EN IEC 60601-2-41:2021)

HRN EN IEC 62563-2:2022 en pr
Medicinska električna oprema – Sustavi za prikaz medicinskih slika – 2. dio: Ispitivanje prihvatljivosti i stalnosti prikaza medicinskih slika (IEC 62563-2:2021; EN IEC 62563-2:2021)
Medical electrical equipment – Medical image display systems – Part 2: Acceptance and constancy tests for medical image displays (IEC 62563-2:2021; EN IEC 62563-2:2021)

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

HRN HD 60364-4-42:2012/A11:2022 en pr
Niskonaponske električne instalacije – Dio 4-42: Sigurnosna zaštita – Zaštita od toplinskih učinaka (HD 60364-4-42:2011/A11:2021)
Low voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects (HD 60364-4-42:2011/A11:2021)

HZN/TO E79, Alarmni sustavi

HRN EN 50131-2-2:2022 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-2: Zahtjevi za pasivne infracrvene detektore (EN 50131-2-2:2021)
Alarm systems – Intrusion and hold-up systems – Part 2-2: Requirements for passive infrared detectors (EN 50131-2-2:2021)

HRN EN 50131-2-3:2022 en pr
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-3: Zahtjevi za mikrovalne detektore (EN 50131-2-3:2021)
Alarm systems – Intrusion and hold-up systems – Part 2-3: Requirements for microwave detectors (EN 50131-2-3:2021)

HRN EN 62820-1-1:2016/A11:2022 en pr
Sustavi za internu komunikaciju u zgradi – Dio 1-1: Zahtjevi za sustav – Općenito (EN 62820-1-1:2016/A11:2021)
Building intercom systems – Part 1-1: System requirements – General (EN 62820-1-1:2016/A11:2021)

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

HRN EN IEC 61557-12:2022 en pr
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 12. dio: Uređaji za mjerenje i praćenje snage (PMD) (IEC 61557-12:2018; EN IEC 61557-12:2022)
Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 12: Power metering and monitoring devices (PMD) (IEC 61557-12:2018; EN IEC 61557-12:2022)

HRN EN IEC 61557-12:2022/A1:2022 en pr
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 12. dio: Uređaji za mjerenje i praćenje snage (PMD) (IEC 61557-12:2018/am1:2021; EN IEC 61557-12:2022/A1:2022)
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 12: Power metering and monitoring devices (PMD) (IEC 61557-12:2018/am1:2021; EN IEC 61557-12:2022/A1:2022)

HRN EN IEC 61557-17:2022 en pr
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 17. dio: Beskontaktni indikatori izmjeničnog napona (IEC 61557-17:2021; EN IEC 61557-17:2021)
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 17: Non-contact AC voltage indicators (IEC 61557-17:2021; EN IEC 61557-17:2021)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 025 V2.3.1:2022 en pr
VHF radiotelefonska oprema za opću komunikaciju i pridružena oprema za klasu „D“ digitalnog selektivnoga pozivanja (DCS) – Harmonizirana norma za pristup radijskom spektru i za svojstva hitnih službi (EN 301 025 V2.3.1:2021)
VHF radiotelephone equipment for general communications and associated equipment for Class „D“ Digital Selective Calling (DSC) – Harmonised Standard for access to radio spectrum and for features for emergency services (EN 301 025 V2.3.1:2021)

HRN EN 303 345-2 V1.2.1:2022 en pr
Radiodifuzni audio prijammici – 2. dio: AM radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru (EN 303 345-2 V1.2.1:2021)
Broadcast Sound Receivers – Part 2: AM broadcast sound service – Harmonised Standard for access to radio spectrum (EN 303 345-2 V1.2.1:2021)

HRN EN 303 345-5 V1.2.1:2022 en pr
Radiodifuzni audio prijammici – 5. dio: DRM radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru (EN 303 345-5 V1.2.1:2021)
Broadcast Sound Receivers – Part 5: DRM broadcast sound service – Harmonised Standard for access to radio spectrum (EN 303 345-5 V1.2.1:2021)

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

HRN EN 17616:2022 en pr
Svijeće za otvorene prostore – Specifikacije za zaštitu od požara (EN 17616:2021)
Outdoor candles – Specification for fire safety (EN 17616:2021)

HRN EN 17617:2022 en pr
Svijeće za otvorene prostore – Oznake sigurnosti proizvoda (EN 17617:2021)
Outdoor candles – Product safety labels (EN 17617:2021)

HRN EN ISO 20714:2022 en pr
E-tekućine – Određivanje nikotina, polipropilenglikola i glicerola u tekućinama koje se upotrebljavaju u elektroničkim uređajima koji oslobađaju nikotin – Metoda plinske kromatografije (ISO 20714:2019; EN ISO 20714:2021)
E-liquid – Determination of nicotine, propylene glycol and glycerol in liquids used in electronic nicotine delivery devices – Gas chromatographic method (ISO 20714:2019; EN ISO 20714:2021)

HRN EN ISO 20768:2022 en pr
Proizvodi za udisanje para iz e-tekućina – Strojevi za rutinsku analizu proizvoda za udisanje para iz e-tekućina – Definicije i standardni uvjeti (ISO 20768:2018; EN ISO 20768:2021)
Vapour products – Routine analytical vaping machine – Definitions and standard conditions (ISO 20768:2018; EN ISO 20768:2021)

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

HRN EN ISO 18363-1:2022 en pr
Životinjske i biljne masti i ulja – Određivanje kloropropanediola (MCPD) i glicidola vezanih na masne kiseline pomoću GC/MS-a – 1. dio: Metoda na temelju brze transesterifikacije lužinama i mjerenja 3-MCPD i diferencijalnog mjerenja glicidola (ISO 18363-1:2015; EN ISO 18363-1:2021)
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; EN ISO 18363-1:2021)

HRN EN ISO 18363-3:2022 en pr
Životinjske i biljne masti i ulja – Određivanje kloropropanediola (MCPD) i glicidola vezanih na masne kiseline pomoću GC/MS-a – 3. dio: Metoda na temelju transesterifikacije kiselinama i mjerenja 2-MCPD, 3-MCPD i glicidola (ISO 18363-3:2017; EN ISO 18363-3:2021)
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; EN ISO 18363-3:2021)

HRN EN ISO 23322:2022 en pr
Boje i lakovi – Određivanje otapala u premaznim sredstvima koja sadrže samo organska otapala – Metoda plinske kromatografije (ISO 23322:2021; EN ISO 23322:2021)
Paints and varnishes – Determination of solvents in coating materials containing organic solvents only – Gas-chromatographic method (ISO 23322:2021; EN ISO 23322:2021)

HZN/TU I2, Strojarstvo 2

HRN EN 746-3:2022 en pr
Oprema za toplinske postupke u industriji – 3. dio: Sigurnosni zahtjevi za proizvodnju i upotrebu atmosferskih plinova (EN 746-3:2021)
Industrial thermoprocessing equipment – Part 3: Safety requirements for the generation and use of atmosphere gases (EN 746-3:2021)

HRN EN 12418:2022 en pr
Strojevi za rezanje kamena i elemenata za zidanje na gradilištu – Sigurnost (EN 12418:2021)
Masonry and stone cutting-off machines for job site – Safety (EN 12418:2021)

HRN EN 13862:2022 en pr
Strojevi za rezanje podova – Sigurnost (EN 13862:2021)
Floor cutting-off machines – Safety (EN 13862:2021)

HRN EN 16228-1:2022 en pr
Oprema za bušenje i izradu temelja – Sigurnost – 1. dio: Opći zahtjevi (EN 16228-1:2014+A1:2021)
Drilling and foundation equipment – Safety – Part 1: Common requirements (EN 16228-1:2014+A1:2021)

HRN EN 16228-2:2022 en pr
Oprema za bušenje i izradu temelja – Sigurnost – 2. dio: Pokretne bušilice za graditeljstvo i geotehničko inženjerstvo, kamenolome i rudarstvo (EN 16228-2:2014+A1:2021)
Drilling and foundation equipment – Safety – Part 2: Mobile drill rigs for civil and geotechnical engineering, quarrying and mining (EN 16228-2:2014+A1:2021)

HRN EN 16228-3:2022 en pr
Oprema za bušenje i izradu temelja – Sigurnost – 3. dio: Horizontalno usmjerena oprema za bušenje (HDD) (EN 16228-3:2014+A1:2021)
Drilling and foundation equipment – Safety – Part 3: Horizontal directional drilling equipment (HDD) (EN 16228-3:2014+A1:2021)

HRN EN 16228-4:2022 en pr
Oprema za bušenje i izradu temelja – Sigurnost – 4. dio: Oprema za izradu temelja (EN 16228-4:2014+A1:2021)
Drilling and foundation equipment – Safety – Part 4: Foundation equipment (EN 16228-4:2014+A1:2021)

HRN EN 16228-5:2022 en pr
Oprema za bušenje i izradu temelja – Sigurnost – 5. dio: Oprema za membranske zidove (EN 16228-5:2014+A1:2021)
Drilling and foundation equipment – Safety – Part 5: Diaphragm walling equipment (EN 16228-5:2014+A1:2021)

HRN EN 16228-6:2022 en pr
Oprema za bušenje i izradu temelja – Sigurnost – 6. dio: Oprema za mlazno nanošenje i ubrizgavanje (EN 16228-6:2014+A1:2021)
Drilling and foundation equipment – Safety – Part 6: Jetting; grouting and injection equipment (EN 16228-6:2014+A1:2021)

HRN EN 16228-7:2022 en pr
Oprema za bušenje i izradu temelja – Sigurnost – 7. dio: Zamjenjiva pomoćna oprema (EN 16228-7:2014+A1:2021)
Drilling and foundation equipment – Safety – Part 7: Interchangeable auxiliary equipment (EN 16228-7:2014+A1:2021)

HRS CEN ISO/TS 80004-3:2022 en pr
Nanotehnologije – Terminološki rječnik – 3. dio: Ugljikovi nanoobjekti (ISO/TS 80004-3:2020; CEN ISO/TS 80004-3:2020)
Nanotechnologies – Vocabulary – Part 3: Carbon nano-objects (ISO/TS 80004-3:2020; CEN ISO/TS 80004-3:2020)

HRS CEN ISO/TS 80004-6:2022 en pr
Nanotehnologije – Terminološki rječnik – 6. dio: Karakterizacija nanoobjekata (ISO/TS 80004-6:2021; CEN ISO/TS 80004-6:2021)
Nanotechnologies – Vocabulary – Part 6: Nano-object characterization (ISO/TS 80004-6:2021; CEN ISO/TS 80004-6:2021)

HRS CEN ISO/TS 80004-8:2022 en pr
Nanotehnologije – Terminološki rječnik – 8. dio: Nanoproizvodni procesi (ISO/TS 80004-8:2020; CEN ISO/TS 80004-8:2020)
Nanotechnologies – Vocabulary – Part 8: Nanomanufacturing processes (ISO/TS 80004-8:2020; CEN ISO/TS 80004-8:2020)

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

HRN EN 2755:2022 en pr
Zrakoplovstvo – Ležajevi, kuglasti klizni sa samopodmazujućim prstenom izrađeni od čelika otpornog na koroziju – Visoko opterećeni pri temperaturi okoline – Tehničke specifikacije (EN 2755:2021)
Aerospace series – Bearing, spherical, plain in corrosion resisting steel with self-lubricating liner – Elevated load at ambient temperature – Technical specification (EN 2755:2021)

HRN EN 2854-002:2022 en pr
Zrakoplovstvo – Kabeli, električni za opću uporabu – Radna temperatura između -55 °C i 260 °C – Dio 002: Općenito (EN 2854-002:2021)
Aerospace series – Cables, electrical for general purpose – Operating temperatures between -55 °C and 260 °C – Part 002: General (EN 2854-002:2021)

HRN EN 4179:2022 en pr
Zrakoplovstvo – Kvalifikacije i dopuštenje za rad djelatnika u poslovima neraznog ispitivanja (EN 4179:2021)
Aerospace series – Qualification and approval of personnel for nondestructive testing (EN 4179:2021)

HRN EN 9721:2022 en pr
Zrakoplovstvo – Opća preporuka za arhitekturu BIT u integriranom sustavu (EN 9721:2021)
Aerospace series – General recommendation for the BIT Architecture in an integrated system (EN 9721:2021)

HRN EN 16602-30-11:2022 en pr
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Projektiranje s povećanom radnom sigurnošću dijelova – EEE dijelovi (EN 16602-30-11:2021)
Space product assurance – Derating – EEE components (EN 16602-30-11:2021)

HRN EN 16602-70-80:2022 en pr
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Zahtjevi za obradu i osiguravanje kvalitete za tehnologije stapanja metalnog praškastog sloja za upotrebu u svemiru (EN 16602-70-80:2021)
Space product assurance – Processing and quality assurance requirements for metallic powder bed fusion technologies for space applications (EN 16602-70-80:2021)

HRN EN 16603-32-01:2022 en pr
Svemirsko inženjerstvo – Kontrola lomova (EN 16603-32-01:2021)
Space engineering – Fracture control (EN 16603-32-01:2021)

HRN EN 16603-50-16:2022 en pr
Svemirsko inženjerstvo – Vremenski aktiviran ethernet (EN 16603-50-16:2021)
Space engineering – Time triggered Ethernet (EN 16603-50-16:2021)

HZN/TU U1, Opća elektrotehnika 1

HRN IEC/TR 60943:2002/A1:2022 en pr
Smjernica za prosudbu dopuštenog zagrijavanja dijelova električne opreme, posebno za stezaljke (IEC/TR 60943:1998/am1:2008)
Guidance concerning the permissible temperature rise for parts of electrical equipment, in particular for terminals (IEC/TR 60943:1998/am1:2008)

HZN/TU V1, Elektronika 1

HRN EN IEC 61051-2:2022 en pr
Varistori za uporabu u elektroničkoj opremi – 2. dio: Specifikacija presjeka za varistore za suzbijanje prenapona (IEC 61051-2:2021; EN IEC 61051-2:2021)
Varistors for use in electronic equipment – Part 2: Sectional specification for surge suppression varistors (IEC 61051-2:2021; EN IEC 61051-2:2021)

HRN EN IEC 62037-1:2022 en pr
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 1. dio: Opći zahtjevi i metode mjerenja (IEC 62037-1:2021; EN IEC 62037-1:2021)
Passive RF and microwave devices, intermodulation level measurement – Part 1: General requirements and measuring methods (IEC 62037-1:2021; EN IEC 62037-1:2021)

HRN EN IEC 62037-2:2022 en pr
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 2. dio: Mjerenje pasivne intermodulacije u sklopovima koaksijalnih kabela (IEC 62037-2:2021; EN IEC 62037-2:2021)
Passive RF and microwave devices, intermodulation level measurement – Part 2: Measurement of passive intermodulation in coaxial cable assemblies (IEC 62037-2:2021; EN IEC 62037-2:2021)

HRN EN IEC 62037-3:2022 en pr
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 3. dio: Mjerenje pasivne intermodulacije u koaksijalnim konektorima (IEC 62037-3:2021; EN IEC 62037-3:2021)
Passive RF and microwave devices, intermodulation level measurement – Part 3: Measurement of passive intermodulation in coaxial connectors (IEC 62037-3:2021; EN IEC 62037-3:2021)

HRN EN IEC 62037-5:2022 en pr
Pasivni radiofrekvencijski (RF) i mikrovalni uređaji, mjerenje razine intermodulacije – 5. dio: Mjerenje pasivne intermodulacije u filtrima (IEC 62037-5:2021; EN IEC 62037-5:2021)
Passive RF and microwave devices, intermodulation level measurement – Part 5: Measurement of passive intermodulation in filters (IEC 62037-5:2021; EN IEC 62037-5:2021)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 50632-1:2015/A2:2022 en pr
Elektromotorni alati – Postupak mjerenja prašine – 1. dio: Opći zahtjevi (EN 50632-1:2015/A2:2021)
Electric motor-operated tools – Dust measurement procedure – Part 1: General requirements (EN 50632-1:2015/A2:2021)

HRN EN 50632-2-11:2016/A1:2022 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-11: Posebni zahtjevi za ubodne i sabljaste pile (EN 50632-2-11:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 2-11: Particular requirements for jig and sabre saws (EN 50632-2-11:2016/A1:2021)

HRN EN 50632-2-22:2015/A1:2022 en pr
Electric motor-operated tools – Dust measurement procedure – Part 2-22: Particular requirements for cut-off machines and wall chasers (EN 50632-2-22:2015/A1:2021)

HRN EN 50632-2-3:2016/A1:2022 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-3: Posebni zahtjevi za brusilice betona i brusilice s brusnim papirom u obliku diska (EN 50632-2-3:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 2-3: Particular requirements for concrete grinders and disk-type sanders (EN 50632-2-3:2016/A1:2021)

HRN EN 50632-2-4:2016/A1:2022 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-4: Posebni zahtjevi za brusilice s brusnim papirom koji nije u obliku diska (EN 50632-2-4:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 2-4: Particular requirements for sanders other than disk type (EN 50632-2-4:2016/A1:2021)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

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

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

HZN/TO 5, Metalne cijevi i priključci

prEN 1092-3 en
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, PN designated – Part 3: Copper alloy flanges
Prirubnice i njihovi spojevi – Kružne prirubnice za cijevi, ventile, pribor i opremu, označene prema PN-u – 3. dio: Prirubnice od legure bakra

prEN 1759-3 en
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, Class designated – Part 3: Copper alloy flanges
Prirubnice i njihovi spojevi – Kružne prirubnice za cijevi, ventile, spojne dijelove i opremu, označene prema razredu – 3. dio: Prirubnice od legure bakra

prEN 1759-4 en
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, Class designated – Part 4: Aluminium alloy flanges
Prirubnice i njihovi spojevi – Kružne prirubnice za cijevi, ventile, spojne dijelove i opremu, označene prema razredu – 4. dio: Prirubnice od legure aluminija

prEN 15542 en
Ductile iron pipes, fittings and accessories – External cement mortar coating for pipes – Requirements and test methods
Duktilne željezne cijevi, spojni dijelovi i pribor – Vanjska cementna obloga za cijevi – Zahtjevi i metode ispitivanja

prEN 17800 en
Life cycle cost (LCC) and Life cycle assessment (LCA) for ductile iron pipe systems
Troškovi životnog ciklusa (LCC) i ocjena životnog ciklusa (LCA) za cijevne sustave od duktilnog željeza

HZN/TO 6, Papir, karton i pulpe

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

ISO 6588-2:2021 en
Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 2. dio: Vruća ekstrakcija
HZN/TO 8, Brodogradnja

prEN ISO 8848 en
Small craft – Remote mechanical steering systems (ISO/FDIS 8848:2021)
Mala plovila – Mehanički sustavi daljinskog kormilarenja (ISO/FDIS 8848:2021)

HZN/TO 21, Protupožarna i vatrogasna oprema

prEN 12259-13 en
Fixed firefighting systems – Components for sprinkler and water spray systems – Part 13: ESFR sprinklers
Stabilni protupožarni sustavi – Dijelovi sustava za prskanje (sprinkler sustava) i sustava raspršene vode – 13. dio: ESFR sprinkleri

prEN 12845-1 en
Fixed firefighting systems – Automatic sprinkler systems – Part 1: Design, installation and maintenance
Stabilni protupožarni sustavi – Automatski sprinklerski sustavi – 1. dio: Projektiranje, ugradnja i održavanje

HZN/TO 28, Naftni proizvodi i maziva

EN 12916:2019/prA1 en
Petroleum products – Determination of aromatic hydrocarbon types in middle distillates – High performance liquid chromatography method with refractive index detection
Naftni proizvodi – Određivanje tipova aromatskih ugljikovodika u srednjim destilatima – Metoda tekućinske kromatografije visokog učinka uz određivanje indeksa loma

prEN 15691 en
Ethanol as a blending component for petrol – Determination of dry residue (involatile material) – Gravimetric method
Etanol kao komponenta koja se namješava u benzin – Određivanje suhog ostatka (neisparena tvar) – Gravimetrijska metoda

prEN 15940 en
Automotive fuels – Paraffinic diesel fuel from synthesis or hydrotreatment – Requirements and test methods
Goriva za motorna vozila – Parafinska dizelska goriva dobivena sintezom ili hidroobradom – Zahtjevi i metode ispitivanja

HZN/TO 43, Akustika

prEN ISO 17201-6 en
Acoustics – Noise from shooting ranges – Part 6: Sound pressure measurements close to the source for determining exposure to sound (ISO 17201-6:2021)

prEN ISO 26101-1 en
Acoustics – Test methods for the qualification of the acoustic environment – Part 1: Qualification of free-field environments (ISO 26101-1:2021)

HZN/TO 44, Zavarivanje i srodni postupci

prEN ISO 10447 en
Resistance welding – Testing of welds – Peel and chisel testing of resistance spot and projection welds (ISO/DIS 10447:2021)
Elektrotoporno zavarivanje – Ispitivanje zavara – Ispitivanje točkastih i bradavičastih zavara ljuštenjem i razdvajanjem klinom (ISO/DIS 10447:2021)

prEN 14700 en
Welding consumables – Welding consumables for hard-facing
Dodatni i potrošni materijali za zavarivanje – Dodatni materijali za tvrdo navarivanje

HZN/TO 71, Beton

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

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

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

prEN ISO 23953-1 en
Refrigerated display cabinets – Part 1: Vocabulary (ISO/DIS 23953-1:2021)
Rashladne vitrine – 1. dio: Terminološki rječnik (ISO/DIS 23953-1:2021)

prEN ISO 23953-2 en
Refrigerated display cabinets – Part 2: Classification, requirements and test conditions (ISO/DIS 23953-2:2021)
Rashladne vitrine – 2. dio: Klasifikacija, zahtjevi i uvjeti ispitivanja (ISO/DIS 23953-2:2021)

HZN/TO 92, Zaštita od požara

prEN 15725 en
Extended application reports on the fire performance of construction products and building elements
Proširena primjena izvještaja o ponašanju u požaru građevnih proizvoda i građevnih elemenata

HZN/TO 108, Mehaničke vibracije i udari

ISO 5348:2021 en
Mechanical vibration and shock – Mechanical mounting of accelerometers
Mehaničke vibracije i udari – Mehaničko pričvršćenje akcelerometara

HZN/TO 120, Koža i obuća

prEN ISO 19410-1 en
Footwear sizing – Inshoe measurement – Part 1: Shoe length (ISO/DIS 19410-1:2021)

HZN/TO 134, Gnojiva i poboljšivači tla

prEN 15761 en
Pre-shaped growing media – Determination of the dimensions measured and bulk density

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

EN 1852-1:2018/prA1 en
Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene (PP) – Part 1: Specifications for pipes, fittings and the system
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Polipropilen (PP) – 1. dio: Specifikacije za cijevi, spojnice i sustav

prEN 14758-1 en
Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene with mineral modifiers (PP-MD) – Part 1: Specifications for pipes, fittings and the system

HZN/TO 146, Kvaliteta zraka

ISO 16000-6:2021 en
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
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

prEN 17255-4 en
Stationary source emissions – Data acquisition and handling systems – Part 4: Specification of requirements for the installation and on-going quality assurance and quality control of data acquisition and handling systems

HZN/TO 172, Optika i optički instrumenti

prEN ISO 10943 en
Ophthalmic instruments – Indirect ophthalmoscopes (ISO/DIS 10943:2021)
Oftalmološki instrumenti – Indirektni oftalmoskopi (ISO/DIS 10943:2021)

HZN/TO 218, Drvo

prEN 460 en
Durability of wood and wood-based products – Natural durability of solid wood – Guide to the durability requirements for wood to be used in hazard classes
Trajnost drva i proizvoda na osnovi drva – Prirodna trajnost masivnog drva – Upute za određivanje zahtjeva za trajnost drva u odnosu na razrede opasnosti

prEN 13442 en
Wood and parquet flooring and wood panelling and cladding – Determination of the resistance to chemical agents

HZN/TO 301, Upravljanje energijom i ušteda energije

prEN ISO 50005 en
Energy management systems – Guidelines for a phased implementation (ISO 50005:2021)

HZN/TO 502, Plinski uređaji

prEN 16905-2 en
Gas-fired endothermic engine driven heat pumps – Part 2: Safety
Dizalice topline s plinskim endotermnim motorom – 2. dio: Sigurnost

HZN/TO 503, Metalni materijali

prEN ISO 16808 en
Metallic materials – Sheet and strip – Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems (ISO/FDIS 16808:2021)
Metalni materijali – Lim i traka – Određivanje krivulje dvoosnog naprezanja ispitivanjem dubokim izvlačenjem s optičkim mjernim sustavima (ISO/FDIS 16808:2021)

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 4530 en
Vitreous and porcelain enamelled manufactured articles – Determination of resistance to heat (ISO/DIS 4530:2021)
Proizvodi od staklastog i porculanskog emajla – Određivanje otpornosti na toplinu (ISO/DIS 4530:2021)

prEN ISO 9227 en
Corrosion tests in artificial atmospheres – Salt spray tests (ISO/DIS 9227:2021)
Ispitivanje korozije u umjetnoj atmosferi – Metoda ispitivanja u slanoj komori (ISO/DIS 9227:2021)

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

prEN ISO 12736-1 en
Petroleum and natural gas industries – Wet thermal insulation systems for pipelines and subsea equipment – Part 1: Validation of materials and insulation systems (ISO/DIS 12736-1:2021)
Industrija nafte i prirodnog plina – Sustavi vlažne toplinske izolacije za cjevovode i podmorsku opremu – 1. dio: Validacija materijala i izolacijskih sustava (ISO/DIS 12736-1:2021)

prEN ISO 12736-2 en
Petroleum and natural gas industries – Wet thermal insulation systems for pipelines and subsea equipment – Part 2: Qualification processes for production and application procedures (ISO/DIS 12736-2:2021)
Industrija nafte i prirodnog plina – Sustavi vlažne toplinske izolacije za cjevovode i podmorsku opremu – 2. dio: Kvalifikacijski procesi za proizvodnju i postupke primjene (ISO/DIS 12736-2:2021)

prEN ISO 12736-3 en
Petroleum and natural gas industries – Wet thermal insulation systems for pipelines and subsea equipment – Part 3: Interfaces between systems, field joint system, field repairs and prefabricated insulation (ISO/DIS 12736-3:2021)
Industrija nafte i prirodnog plina – Sustavi vlažne toplinske izolacije za cjevovode i podmorsku opremu – 3. dio: Sučelja između sustava, sustav spojeva na terenu, popravci na terenu i predgotovljena izolacija (ISO/DIS 12736-3:2021)

prEN ISO 13704 en
Petroleum, petrochemical and natural gas industries – Calculation of heater-tube thickness in petroleum refineries (ISO/DIS 13704:2021)
Industrija nafte, petrokemije i prirodnog plina – Proračun debljine stijenke cijevi u procesnim pećima u rafinerijama nafte (ISO/DIS 13704:2021)

prEN ISO 19901-8 en
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 8: Marine soil investigations (ISO/DIS 19901-8:2021)
Industrija nafte i prirodnog plina – Posebni zahtjevi za odobalne konstrukcije – 8. dio: Istraživanja morskog dna (ISO/DIS 19901-8:2021)

HZN/TO 508, Ambalaža i pakiranje

prEN 16592 en
Packaging – Rigid plastic containers – PET finish 29/25 (12,6)
Ambalaža – Kruti plastični spremnici – PET grlo 29/25 (12,6)

HZN/TO 509, Cestovna oprema

prEN 1794-1 en
Road traffic noise reducing devices – Non-acoustic performance – Part 1: Methods of determination of the mechanical and stability characteristics

prEN 1794-2 en
Road traffic noise reducing devices – Non-acoustic performance – Part 2: Methods of determination of the general safety and environmental characteristics

prEN 14388 en
Road traffic noise reducing devices – Characteristics

prEN 14389 en
Road traffic noise reducing devices – Procedures for assessing long term performance
Barijere za zaštitu od buke s cesta – Postupci za procjenjivanje dugoročne učinkovitosti

prEN 17383 en
Road traffic noise reducing devices – Sustainability: Key Performance Indicators (KPIs) Declaration

HZN/TO 513, Mjerne jedinice i mjerila

prEN ISO 5167-5 en
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 5: Cone meters (ISO/DIS 5167-5:2021)
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 5. dio: Konusna mjerila (ISO/DIS 5167-5:2021)

prEN ISO 5167-6 en
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 6: Wedge meters (ISO/DIS 5167-6:2021)
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 6. dio: Klinasti protokomjer (ISO/DIS 5167-6:2021)

prEN 13757-8 en
Communication systems for meters – Part 8: Adaptation layer

prEN 14154-4 en
Water meters – Part 4: Additional functionalities
Vodomjeri – 4. dio: Dodatne mogućnosti rada

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

prEN 17367 en
Waste Management – Data communication between communication management system and the back office system for stationary waste collection containers – Functional specification and the semantic data model

HZN/TO 526, Bitumenska veziva

prEN 12595 en
Bitumen and bituminous binders – Determination of kinematic viscosity
Bitumen i bitumenska veziva – Određivanje kinematičke viskoznosti

prEN 12596 en
Bitumen and bituminous binders – Determination of dynamic viscosity by vacuum capillary
Bitumen i bitumenska veziva – Određivanje dinamičke viskoznosti pomoću kapilarnih viskozimetara uz primjenu vakuuma

HZN/TO 528, Oprema za željeznice

EN 15085-2:2020/prA1 en
Railway applications – Welding of railway vehicles and components – Part 2: Requirements for welding manufacturer
Željeznički sustav – Zavarivanje željezničkih vozila i sastavnih dijelova – 2. dio: Zahtjevi za poduzeća za zavarivanje

EN 15328:2020/prA1 en
Railway applications – Braking – Brake pads
Željeznički sustav – Kočenje – Kočni ulošci

EN 15654-1:2018/prA1 en
Railway applications – Measurement of vertical forces on wheels and wheelsets – Part 1: On-track measurement sites for vehicles in service
Željeznički sustav – Mjerenje vertikalnih sila na kotačima i osovinskim sklopovima – 1. dio: Mjerni uređaji na kolosijeku za vozila u uporabi

prEN 16186-6 en
Railway applications – Driver's cab – Part 6: Integration of displays, controls and indicators for tram vehicles

prEN 45545-3 en
Railway applications – Fire protection on railway vehicles – Part 3: Fire resistance requirements for fire barriers
Željeznički sustav – Zaštita od požara na željezničkim vozilima – 3. dio: Zahtjevi na vatrootpornost vatrootpornih barijera

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

prEN 13001-3-8 en
Cranes – General design – Limit states and proof competence of machinery – Part 3-8: Shafts

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

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

HZN/TO 531, Plastika i guma

prEN ISO 24187 en
Principles for the analysis of plastics and microplastics present in the environment (ISO/DIS 24187:2021)

HZN/TO 533, Kolničke konstrukcije

prEN ISO 11819-1 en
Acoustics – Measurement of the influence of road surfaces on traffic noise – Part 1: Statistical Pass-By method (ISO/DIS 11819-1:2021)
Akustika – Mjerenje utjecaja površine ceste na buku prometa – 1. dio: Statistička metoda prolaženjem (ISO/DIS 11819-1:2021)

HZN/TO 534, Spremnici za teret

prEN ISO 6346 en
Freight containers – Coding, identification and marking (ISO/FDIS 6346:2021)
Kontejneri za teret – Kodiranje, identifikacija i označivanje (ISO/FDIS 6346:2021)

EN 13094:2020/prA1 en
Tanks for the transport of dangerous goods – Metallic gravity-discharge tanks – Design and construction
Spremnici za prijevoz opasnih tvari – Metalni spremnici s gravitacijskim pražnjenjem – Projektiranje i konstrukcija

HZN/TO 544, Strojni elementi

ISO 12167-2:2021 en
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
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

HZN/TO 552, Društvena odgovornost

ISO 37000:2021
Governance of organizations – Guidance
Upravljanje organizacijama – Smjernice

ISO 37002:2021
Whistleblowing management systems – Guidelines
Sustavi postupanja s prijavama nepravilnosti – Smjernice

HZN/TO 553, Predgotovljeni proizvodi

prEN 12004-3 en
Adhesives for ceramic tiles – Part 3: Terminology, specifications, designation and marking
Ljepila za keramičke pločice – 3. dio: Nazivlje, specifikacije, opisivanje i označivanje

prEN 14891-2 en
Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives – Part 2: Terminology, specifications, designation and marking
Vodonepropusni proizvodi u tekućem obliku za primjenu ispod keramičkih pločica povezanih ljepilom – 2. dio: Nazivlje, specifikacije, opisivanje i označivanje

HZN/TO 555, Medicinski proizvodi

prEN ISO 13408-1 en
Aseptic processing of health care products – Part 1: General requirements (ISO/DIS 13408-1:2021)
Aseptički postupci za proizvode zdravstvene zaštite – 1. dio: Temeljni zahtjevi (ISO/DIS 13408-1:2021)

prEN ISO 14644-9 en
Cleanrooms and associated controlled environments – Part 9: Assessment of surface cleanliness for particle concentration (ISO/FDIS 14644-9:2021)
Čisti prostori i odgovarajući kontrolirani okoliši – 9. dio: Razredba površinske čistoće (ISO/FDIS 14644-9:2021)

prEN ISO 14644-10 en
Cleanrooms and associated controlled environments – Part 10: Assessment of surface cleanliness for chemical contamination (ISO/FDIS 14644-10:2021)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 3758 en
Textiles – Care labelling code using symbols (ISO/DIS 3758:2021)
Tekstil – Označivanje njege primjenom simbola (ISO/DIS 3758:2021)

prEN ISO 4484-3 en
Textiles and textile products – Microplastics from textile sources – Part 3: Measurement of collected material mass released from textile end products by domestic washing method (ISO/DIS 4484-3:2021)

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

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

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

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

prEN 17799 en
Personal data protection requirements for processing operations

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

prEN IEC 60674-3-4:2021 en
Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheets 4: Polyimide films used for electrical insulation (IEC 60674-3-4 ED2)
Plastične folije za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 4. list: Poliamidne folije koje se upotrebljavaju za električnu izolaciju (IEC 60674-3-4 ED2)

HZN/TO E22, Energetska elektronika

prEN IEC 60700-3:2021 en
Thyristor valves for high voltage direct current (HVDC) power transmission – Part 3: Essential ratings (limiting values) and characteristics (IEC 60700-3 ED1)

EN 61975:2010/prA2:2022 en
Amendment 2 – High-voltage direct current (HVDC) installations – System tests (IEC 61975/am2 ED1)
Amandman 2 – Instalacije istosmjerne struje visokog napona (HVDC) – Ispitivanja sustava (IEC 61975/am2 ED1)

HZN/TO E23, Električni instalacijski pribor

EN 60320-3:2014/prA2:2022 en
Amendment 2 – Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges (IEC 60320-3/am2 ED1)

EN IEC 60799:2021/prA1:2022 en
Amendment 1 – Electrical accessories – Cord sets and interconnection cord sets (IEC 60799/am1 ED3)
Električni pribor – Priključni gipki vodovi i međupriključni gipki vodovi (IEC 60799/am1 ED3)

prEN IEC 61535:2022 en
Installation couplers intended for permanent connection in fixed installations (IEC 61535 ED3)
Instalacijske spojnice za trajni priključak u fiksnim instalacijama (IEC 61535 ED3)

HZN/TO E31, Eksplozivne atmosfere

EN 60079-5:2015/prA1:2021 en
Explosive atmospheres – Part 5: Equipment protection by powder filling “q” (IEC 60079-5/am1 ED4)
Eksplozivne atmosfere – 5. dio: Vrsta zaštite opreme punjenje prahom “q” (IEC 60079-5/am1 ED4)

prEN IEC 62990-1 en
Workplace Atmospheres – Part 1: Gas detectors – Performance requirements of detectors for toxic gases (IEC 62990-1:2019+Corr.1:2019)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

FprEN IEC 61547:2020/prAA en
Equipment for general lighting purposes – EMC immunity requirements
Oprema za opće primjene osvjetljivanja – Zahtjevi koji se odnose na EMK povezani s otpornošću

prEN IEC 63356-1:2022 en
LED light source characteristics – Part 1: Datasheets (IEC 63356-1 ED1)

prEN IEC 63356-2:2022 en
LED light source characteristics – Part 2: Design parameters and values (IEC 63356-2 ED1)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

FprEN IEC 60335-2-102:2021/prA11:2021 en
Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections
Kućanski i slični električni aparati – Sigurnost – Dio 2-102: Posebni zahtjevi za aparate na plinovito, uljno i kruto gorivo s električnim priključkom

EN 60335-2-30:2009/prA2:2021 en
Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters (IEC 60335-2-30:2009/am2:2021)
Kućanski i slični električni aparati – Sigurnost – Dio 2-30: Posebni zahtjevi za grijalice prostorija (IEC 60335-2-30:2009/am2:2021)

EN 60335-2-30:2009/prA13:2021 en
Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters
Kućanski i slični električni aparati – Sigurnost – Dio 2-30: Posebni zahtjevi za grijalice prostorija

FprEN IEC 60335-2-39:2012/prA1:2021 en
Household and similar electrical appliances – Safety – Part 2-39: Commercial electric multi-purpose cooking pans (IEC 60335-2-39:2012/am1:2017)

FprEN 60335-2-39:2012/prA11:2021 en
Household and similar electrical appliances – Safety – Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans
Kućanski i slični električni aparati – Sigurnost – Dio 2-39: Posebni zahtjevi za ugostiteljske električne višenamjenske tave

prEN IEC 60335-2-4:2021 en
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors (IEC 60335-2-4:2021)
Kućanski i slični električni aparati – Sigurnost – Dio 2-4: Posebni zahtjevi za centrifuge rublja (IEC 60335-2-4:2021)

prEN IEC 60335-2-4:2021/prA11:2021 en
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors
Kućanski i slični električni aparati – Sigurnost – Dio 2-4: Posebni zahtjevi za centrifuge rublja

EN 60335-2-48:2003/prA12:2021 en
Household and similar electrical appliances – Safety – Part 2-48: Particular requirements for commercial electric grills and toasters
Kućanski i slični električni aparati – Sigurnost – Dio 2-48: Posebni zahtjevi za ugostiteljske električne zračne roštilje i pržila kruha

EN 60335-2-52:2003/prAC:2021 en
Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for appliances for oral hygiene appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-52: Posebni zahtjevi za aparate za higijenu usta

FprEN 60335-2-80:2015/prA11:2021 en
Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans
Kućanski i slični električni aparati – Sigurnost – Dio 2-80: Posebni zahtjevi za ventilatore

FprEN IEC 60335-2-81:2021/prA2:2021 en
Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats (IEC 60335-2-81:2015/am2:2020)
Kućanski i slični električni aparati – Sigurnost – Dio 2-81: Posebni zahtjevi za grijalice nogu i tople hasure (IEC 60335-2-81:2015/am2:2020)

FprEN IEC 60335-2-81:2021/prAA:2021 en
Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats
Kućanski i slični električni aparati – Sigurnost – Dio 2-81: Posebni zahtjevi za grijalice nogu i tople hasure

HZN/TO E62, Električna oprema u medicinskoj praksi

prEN IEC 60806:2021 en
Determination of the maximum symmetrical radiation field of X-ray tube assemblies and X-ray source assemblies for medical diagnosis (IEC 60806 ED2)

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

prHD 60364-7-706:2021 en
Low-voltage electrical installations – Part 7-706: Requirements for special installations or locations – Conducting locations with restricted movement (IEC 60364-7-706 ED3)
Niskonaponske električne instalacije – Dio 7-706: Zahtjevi za posebne instalacije ili prostore – Vodljivi prostori s ograničenom slobodom kretanja (IEC 60364-7-706 ED3)

HZN/TO E79, Alarmni sustavi

prEN IEC 62676-6:2021 en
Video surveillance systems for use in security applications – Part 6: Performance testing and grading of realtime intelligent video content analysis devices & systems for use in video surveillance applications (IEC 62676-6 ED1)

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

prEN IEC 60071-11:2022 en
Insulation co-ordination – Part 11: Definitions, principles and rules for HVDC system (IEC 60071-11 ED1)

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 300 175-1 V2.8.5:2021 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 1: Overview
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 1. dio: Pregled

Draft EN 300 175-2 V2.8.5:2021 en
Digital Enhanced Cordless Telecommunications (DECT) – Common Interface (CI) – Part 2: Physical Layer (PHL)
Digitalne poboljšane bežične telekomunikacije (DECT) – Zajedničko sučelje (CI) – 2. dio: Fizički sloj (PHL)

- Draft EN 300 175-3 V2.8.5:2021 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 3: Medium Access Control (MAC) layer
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 3. dio: Sloj upravljanja pristupa prijenosnom mediju (MAC)
- Draft EN 300 175-4 V2.8.5:2021 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 4: Data Link Control (DLC) layer
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 4. dio: Sloj upravljanja podatkovnim linkom (DLC)
- Draft EN 300 175-5 V2.8.5:2021 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 5: Network (NWK) layer
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 5. dio: Mrežni (NWK) sloj
- Draft EN 300 175-6 V2.8.5:2021 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 6: Identities and addressing
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 6. dio: Identiteti i adresiranje
- Draft EN 300 175-7 V2.8.5:2021 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 7: Security features
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 7. dio: Značajke sigurnosti
- Draft EN 300 175-8 V2.8.5:2021 en
Digital Enhanced Cordless Telecommunications (DECT)
– Common Interface (CI) – Part 8: Speech and audio coding and transmission
Digitalne poboljšane bežične telekomunikacije (DECT)
– Zajedničko sučelje (CI) – 8. dio: Kodiranje i prijenos govora i zvuka
- Draft EN 303 105-1 V1.0.3:2021 en
Digital Video Broadcasting (DVB) – Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH) – Part 1: Base Profile
Digitalna videodifuzija (DVB) – Sljedeća generacija sustava emitiranja na ručni uređaj, specifikacija fizičkog sloja (DVB-NGH) – 1. dio: Osnovni profil
- Draft EN 303 105-2 V1.0.3:2021 en
Digital Video Broadcasting (DVB) – Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH) – Part 2: MIMO Profile
Digitalna videodifuzija (DVB) – Sljedeća generacija sustava emitiranja na ručni uređaj, specifikacija fizičkog sloja (DVB-NGH) – 2. dio: MIMO profil
- Draft EN 303 105-3 V1.0.3:2021 en
Digital Video Broadcasting (DVB) – Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH) – Part 3: Hybrid Profile
Digitalna videodifuzija (DVB) – Sljedeća generacija sustava emitiranja na ručni uređaj, specifikacija fizičkog sloja (DVB-NGH) – 3. dio: Hibridni profil
- Draft EN 303 105-4 V1.0.3:2021 en
Digital Video Broadcasting (DVB) – Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH) – Part 4: Hybrid MIMO Profile
Digitalna videodifuzija (DVB) – Sljedeća generacija sustava emitiranja na ručni uređaj, specifikacija fizičkog sloja (DVB-NGH) – 4. dio: Hibridni MIMO profil

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

- prEN 16511 en
Modular mechanical locked floor coverings (MMF)
– Specification, requirements and test method for multilayer modular panels for floating installation
Modularne podne obloge s mehaničkim spajanjem (MMF)
– Specifikacije, zahtjevi i metode ispitivanja za višeslojne modularne ploče za postavljanje bez lijepljenja (plivajući pod)

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

- prEN 301 en
Adhesives, phenolic and aminoplastic, for load-bearing timber structures – Classification and performance requirements
Fenolni i aminoplastični adhezivi za nosive drvene konstrukcije – Klasifikacija i zahtjevi izvedbe
- prEN 302-3 en
Adhesives for load-bearing timber structures – Test methods – Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 3. dio: Određivanje utjecaja oštećenja drvenih vlakana kiselinom na poprečnu posmičnu čvrstoću pri cikličnim promjenama temperature i vlažnosti
- prEN ISO 4628-5 en
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of flaking (ISO/DIS 4628-5:2021)
Boje i lakovi – Procjena propadanja prevlaka – Označavanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 5. dio: Ocjena stupnja ljuštenja (ISO/DIS 4628-5:2021)
- prEN ISO 7784-3 en
Paints and varnishes – Determination of resistance to abrasion – Part 3: Method with abrasive-paper covered wheel and linearly reciprocating test specimen (ISO/DIS 7784-3:2021)
Boje i lakovi – Određivanje otpornosti na habanje – 3. dio: Metoda s kotačem pokrivenim abrazivnim papirom i linearnim naizmjeničnim gibanjem ispitnog uzorka (ISO/DIS 7784-3:2021)
- prEN 14470-1 en
Fire safety storage cabinets – Part 1: Safety storage cabinets for flammable liquids
Protupožarni spremnici – 1. dio: Sigurnosni spremnici za zapaljive tekućine
- prEN 15425 en
Adhesives – One component polyurethane (PUR) for load-bearing timber structures – Classification and performance requirements
Adhezivi – Jednokomponentni poliuretani za drvene strukture pod opterećenjem – Klasifikacija i zahtjevi graničnih svojstava uporabljivosti
- prEN 16254 en
Adhesives – Emulsion polymerized isocyanate (EPI) for load-bearing timber structures – Classification and performance requirements
Adhezivi – Polimerizirani izocijanati u emulziji za nosive drvene konstrukcije – Klasifikacija i zahtjevi izvedbe
- prEN ISO/ASTM 52902 en
Additive manufacturing – Test artifacts – Geometric capability assessment of additive manufacturing systems (ISO/ASTM DIS 52902:2021)
Aditivna proizvodnja – Opća načela – Geometrijska sposobnost za procjenu aditivnih proizvodnih sustava (ISO/ASTM DIS 52902:2021)
- prEN ISO/ASTM 52909 en
Additive manufacturing – Finished part properties – Orientation and location dependence of mechanical properties for metal powder bed fusion (ISO/ASTM DIS 52909:2021)
- prEN ISO/ASTM 52911-3 en
Additive Manufacturing – Design – Part 3: Electron beam powder bed fusion of metals (ISO/ASTM 52911-3:2021)

HZN/TU F1, Osnovne norme 1

- prEN 1300 en
Secure storage units – Classification for high security locks according to their resistance to unauthorized opening
Jedinice za sigurno pohranjivanje – Klasifikacija brava visoke sigurnosti prema njihovoj otpornosti na neovlašteno otvaranje

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

- prEN ISO 3630-6 en
Dentistry – Endodontic instruments – Part 6: Number coding system (ISO/DIS 3630-6:2021)
- prEN ISO 21801-2 en
Cognitive accessibility – Part 2: Reporting (ISO/DIS 21801-2:2021)
- prEN ISO 22675 en
Prosthetics – Testing of ankle-foot devices and foot units – Requirements and test methods (ISO/DIS 22675:2021)
Protetika – Ispitivanje komponenti proteza za skočne zglobove i stopala – Zahtjevi i metode ispitivanja (ISO/DIS 22675:2021)
- prEN ISO 23298 en
Dentistry – Test methods for machining accuracy of computer-aided milling machines (ISO/DIS 23298:2021)
- prEN ISO 24072 en
Aerosol bacterial retention test method for air-inlet on administration devices (ISO/DIS 24072:2021)

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

- prEN 3542 en
Aerospace series – Inserts, screw threads, helical coil, self-locking, tanged insertion drive, in heat resisting nickel base alloy NI-PH2801 (Inconel X750)
- prEN 4165-025 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 025: Single module receptacle – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 025: Modul utičnica – Norma za proizvod
- prEN 4500-001 en
Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 001: General rules
Zrakoplovstvo – Metalni materijali – Pravila za crtanje i prikazivanje norma za materijale – 001. dio: Opći zahtjevi
- prEN 4500-002 en
Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 002: Specific rules for aluminium, aluminium alloys and magnesium alloys
- prEN 4500-003 en
Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 003: Specific rules for heat resisting alloys
Zrakoplovstvo – Metalni materijali – Pravila za crtanje i prikazivanje norma za materijale – 003. dio: Posebna pravila za legure otporne na toplinu
- prEN 4500-004 en
Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 004: Specific rules for titanium and titanium alloys
Zrakoplovstvo – Metalni materijali – Pravila za crtanje i prikazivanje norma za materijale – 004. dio: Posebna pravila za titan i legure titana
- prEN 4500-005 en
Aerospace series – Metallic materials – Rules for drafting and presentation of material standards – Part 005: Specific rules for steels
Zrakoplovstvo – Metalni materijali – Pravila za crtanje i prikazivanje norma za materijale – 005. dio: Posebna pravila za čelike
- prEN 4856 en
Aerospace series – Rotorcraft – Emergency Breathing Systems (EBS) – Requirements, testing and marking
Zrakoplovstvo – Rotokopter – Sustavi za disanje u slučaju opasnosti – Zahtjevi, ispitivanje i označivanje
- prEN 9104-003 en
Aerospace series – Quality management systems – Part 003: Requirements for Aviation, Space, and Defence Auditor Training, Development, Competence, and Authentication

- prEN 16307-5 en
Industrial trucks – Safety requirements and verification – Part 5: Supplementary requirements for pedestrian-propelled trucks
Industrijski kamioni – Sigurnosni zahtjevi i potvrđivanje – 5. dio: Dodatni zahtjevi za viličare pogonjene guranjem

HZN/TU U1, Opća elektrotehnika 1

- prEN IEC 62321-11:2022 en
Determination of certain substances in electrotechnical products – Part 11: Tris (2-chloroethyl) phosphate (TCEP) in plastics by gas chromatography-mass spectrometry (GC-MS) and liquid chromatography-mass spectrometry (LC-MS) (IEC 62321-11 ED1)
- prEN IEC 62321-12:2022 en
Determination of certain substances in electrotechnical products – Part 12: Simultaneous determination – Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry (IEC 62321-12 ED1)

HZN/TU V1, Elektronika 1

- prEN IEC 60286-3:2021 en
Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes (IEC 60286-3 ED7)
Pakiranje komponentata za automatsko rukovanje – Pakiranje komponentata za površinsku montažu na neprekidnu traku (IEC 60286-3 ED7)
- prEN IEC 61076-2-116:2022 en
Connectors for electrical and electronic equipment – Product requirements – Part 2-116: Detail specification for circular connectors size 15 with up to 3+PE power contacts and auxiliary contacts, with bayonet-locking (IEC 61076-2-116 ED1)
- prEN IEC 61300-2-1:2022 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-1: Tests – Vibration (sinusoidal) (IEC 61300-2-1 ED4)
- EN 61340-4-6:2015/prA1:2022 en
Electrostatics – Part 4-6: Standard test methods for specific applications – Wrist straps (IEC 61340-4-6/am1 ED2)
- prEN IEC 61340-4-9:2021 en
Electrostatics – Part 4-9: Standard test methods for specific applications – Garments – Resistive Characterization (IEC 61340-4-9 ED3)
- prEN IEC 61726:2021 en
Cable assemblies, cables, connectors and passive microwave components – Screening attenuation measurement by the reverberation chamber method
- prEN 61754-36:2022 en
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 36: Type SAC connector family (IEC 61754-36 ED1)
- prEN IEC 62496-2-5:2021 en
Optical circuit boards – Basic test and measurement procedures – Part 2-5: Flexibility test for flexible opto-electric circuits (IEC 62496-2-5 ED1)
- prEN IEC 63364-1:2021 en
Semiconductor devices – Semiconductor devices for IOT system – Part 1: Test method of sound variation detection (IEC 63364-1 ED1)
- prEN IEC 63419:2022 en
Guideline for Switching Reliability Evaluation procedures for Gallium Nitride Power Conversion Devices (IEC 63419 ED1)

HZN/TU W1, Energetska elektrotehnika 1

- prEN IEC 62947:2021 en
Electrically operated spray toilet seat for household and similar use – Methods for measuring the performance – General test methods of spray seats (IEC 62947 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 6, *Papir, karton i pulpe*

HRN EN 27213:2001 en
Pulpe – Uzorkovanje radi ispitivanja (ISO 7213:1981; EN 27213:1993)
Pulps – Sampling for testing (ISO 7213:1981; EN 27213:1993)
- zamijenjena s: HRN EN ISO 7213:2022

HZN/TO 8, *Brodogradnja*

HRN ISO 4568:2014 en
Brodogradnja – Pomorski plovni objekti – Vitla i sidrena vitla (ISO 4568:2006)
Shipbuilding – Sea-going vessels – Windlasses and anchor capstans (ISO 4568:2006)
- zamijenjena s: HRN ISO 4568:2022

HRN ISO 7545:2001 en
Brodogradnja i pomorske konstrukcije – Unutrašnja plovidba – Jednostruke automatske kopče u guranju (ISO 7545:1983)
Shipbuilding and marine structures – Inland navigation – Single-lock automatic couplings for push-tows (ISO 7545:1983)
- bez zamjene

HRN ISO 15364:2016 en
Brodovi i pomorska tehnologija – Tlačno/vakuumski ventili za spremnike tereta (ISO 15364:2016)
Ships and marine technology – Pressure/vacuum valves for cargo tanks (ISO 15364:2016)
- zamijenjena s: HRN ISO 15364:2022

HRN ISO 15370:2014 en
Brodovi i pomorska tehnologija – Nisko smještena rasvjeta na putničkim brodovima (LLL) – Razmještaj (ISO 15370:2010)
Ships and marine technology – Low-location lighting (LLL) on passenger ships – Arrangement (ISO 15370:2010)
- zamijenjena s: HRN ISO 15370:2022

HRN ISO 16273:2004 en
Brodovi i pomorska tehnologija – Oprema za vidljivost noću za brza plovila – Operativni i izvedbeni zahtjevi – Metode ispitivanja i zahtjevani rezultati ispitivanja (ISO 16273:2003)
Ships and marine technology – Night vision equipment for high-speed craft – Operational and performance requirements, methods of testing and required test results (ISO 16273:2003)
- zamijenjena s: HRN ISO 15370:2022

HZN/TO 22, *Cestovna vozila*

HRN ISO 4129:2014 en
Cestovna vozila – Mopedi – Simboli za upravljanje, indikatore i pokazne svjetiljke (ISO 4129:2012)
Road vehicles – Mopeds – Symbols for controls, indicators and tell-tales (ISO 4129:2012)
- bez zamjene

HRN ISO 4151:2004 en
Cestovna vozila – Mopedi – Tip, položaj i funkcije upravljanja (ISO 4151:1987)
Road vehicles – Mopeds – Type, location and functions of controls (ISO 4151:1987)
- bez zamjene

HRN ISO/TR 9819:2001 en
Cestovna vozila – Tablični pregledi propisa o fotometrijskim zahtjevima za uređaje za svjetlosnu signalizaciju (ISO/TR 9819:1991)
Road vehicles – Comparison tables of regulations on photometric requirements of light signalling devices (ISO/TR 9819:1991)
- bez zamjene

HRN ISO/TR 10603:2001 en
Cestovna vozila – Zakonski propisi koji se odnose na uređaje za osvjtljavanje i svjetlosnu signalizaciju (ISO/TR 10603:1992)
Road vehicles – Legal situation concerning lighting and light-signaling devices (ISO/TR 10603:1992)
- bez zamjene

HRN ISO/TR 11842:2000 en
Cestovna vozila – Usporedba obvezatnih fotometrijskih zahtjeva za uređaje za osvjtljavanje u različitim zemljama (ISO/TR 11842:1997)
Road vehicles – Comparison of statutory photometric requirements in various countries for lighting devices (ISO/TR 11842:1997)
- bez zamjene

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

HRN EN ISO 22867:2013 en
Šumarska i vrtna mehanizacija – Ispitno pravilo za vibraciju na prenosivim ručno upravljanim strojevima s motorom s unutrašnjim izgaranjem – Vibracija na ručkama (ISO 22867:2011; EN ISO 22867:2011)
Forestry and gardening machinery – Vibration test code for portable hand-held machines with internal combustion engine – Vibration at the handles (ISO 22867:2011; EN ISO 22867:2011)
- zamijenjena s: HRN EN ISO 22867:2022

HZN/TO 43, *Akustika*

HRN ISO/TS 15666:2004 en
Akustika – Utvrđivanje smetnje bukom s pomoću socioloških i sociološko-akustičkih anketa (ISO/TS 15666:2003)
Acoustics – Assessment of noise annoyance by means of social and socio-acoustic surveys (ISO/TS 15666:2003)
- zamijenjena s: HRS ISO/TS 15666:2022

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 10675-1:2017 en
Nerazorno ispitivanje zavarenih spojeva – Razine prihvatljivosti za radiografsko ispitivanje – 1. dio: Čelik, nikal, titan i njihove legure (ISO 10675-1:2016; EN ISO 10675-1:2016)
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 1: Steel, nickel, titanium and their alloys (ISO 10675-1:2016; EN ISO 10675-1:2016)
- zamijenjena s: HRN EN ISO 10675-1:2022

HRN EN ISO 10675-2:2017 en
Nerazorno ispitivanje zavarenih spojeva – Razine prihvatljivosti za radiografsko ispitivanje – 2. dio: Aluminijski i njegove legure (ISO 10675-2:2017; EN ISO 10675-2:2017)
Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 2: Aluminium and its alloys (ISO 10675-2:2017; EN ISO 10675-2:2017)
- zamijenjena s: HRN EN ISO 10675-2:2022

HZN/TO 92, *Zaštita od požara*

HRN EN 1366-3:2009 en
Ispitivanja otpornosti servisnih instalacija na požar – 3. dio: Penetracijska brtvila (EN 1366-3:2009)
Fire resistance tests for service installations – Part 3: Penetration seals (EN 1366-3:2009)
- zamijenjena s: HRN EN 1366-3:2022

HRN EN 1366-11:2018 en
Ispitivanja otpornosti na požar servisnih instalacija – 11. dio: Sustavi zaštite od požara za sustave kabela i pripadajuće dijelove (EN 1366-11:2018)
Fire resistance tests for service installations – Part 11: Fire protective systems for cable systems and associated components (EN 1366-11:2018)
- zamijenjena s: HRN EN 1366-11:2022

HZN/TO 136, *Namještaj*

HRN EN 1335-1:2001/Ispr.1:2008 en
Uredski namještaj – Uredske radne stolice – 1. dio: Dimenzije – Određivanje dimenzija (EN 1335-1:2000/AC:2002)
Office furniture – Office work chair – Part 1: Dimensions – Determination of dimensions (EN 1335-1:2000/AC:2002)
- zamijenjena s: HRN EN 1335-1:2020

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

HRN CEN/TS 1555-7:2013 en
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Polietilen (PE) – 7. dio: Upute za ocjenjivanje sukladnosti (CEN/TS 1555-7:2013)
Plastics piping systems for the supply of gaseous fuels – Polyethylene (PE) – Part 7: Guidance for the assessment of conformity (CEN/TS 1555-7:2013)
- zamijenjena s: HRS CEN/TS 1555-7:2022

HZN/TO 145, *Grafički simboli*

HRN ISO 20712-3:2014 en
Znakovi za sigurnost na vodi i zastave za sigurnost na plaži – 3. dio: Upute za uporabu (ISO 20712-3:2014)
Water safety signs and beach safety flags – Part 3: Guidance for use (ISO 20712-3:2014)
- bez zamjene

HRN ISO 23601:2018 en
Sigurnosno označivanje – Oznake planova spašavanja i evakuacije (ISO 23601:2009)
Safety identification – Escape and evacuation plan signs (ISO 23601:2009)
- bez zamjene

HZN/TO 146, *Kvaliteta zraka*

HRN EN 1540:2013 hr,en,fr,de
Profesionalna izloženost – Nazivlje (EN 1540:2011)
Workplace exposure – Terminology (EN 1540:2011)
- zamijenjena s: HRS EN 1540:2022

HRN EN 14583:2007 en
Atmosfera radnih prostora – Volumetrijski uređaji za prikupljanje bioaerosola – Zahtjevi i metode ispitivanja (EN 14583:2004)
Workplace atmospheres – Volumetric bioaerosol sampling devices – Requirements and test methods (EN 14583:2004)
- zamijenjena s: HRS EN 14583:2022

HZN/TO 159, *Ergonomija*

HRN EN ISO 8996:2007 en
Ergonomija toplinskog okoliša – Određivanje metaboličkog ritma (ISO 8996:2004; EN ISO 8996:2004)
Ergonomics of the thermal environment – Determination of metabolic rate (ISO 8996:2004; EN ISO 8996:2004)
- zamijenjena s: HRS EN ISO 8996:2022

HZN/TO 190, *Kvaliteta tla*

HRN ISO 11277:2011 en
Kvaliteta tla – Određivanje raspodjele veličine čestica (mehaničkog sastava) u mineralnom dijelu tla – Metoda prosijavanja i sedimentacije (ISO 11277:2009)
Soil quality – Determination of particle size distribution in mineral soil material – Method by sieving and sedimentation (ISO 11277:2009)
- bez zamjene

HRN ISO 20279:2011 en
Kvaliteta tla – Ekstrakcija talija i određivanje pomoću elektrotermalne atomske apsorpcijske spektrometrije (ISO 20279:2005)
Soil quality – Extraction of thallium and determination by electrothermal atomic absorption spectrometry (ISO 20279:2005)
- bez zamjene

HZN/TO 217, *Kozmetika*

HRN ISO 21322:2020 en
Kozmetika – Mikrobiologija – Ispitivanje impregniranih ili obloženih maramica i maski (ISO 21322:2020)
Cosmetics – Microbiology – Testing of impregnated or coated wipes and masks (ISO 21322:2020)
- zamijenjena s: HRS EN ISO 21322:2022

HRN EN ISO 24443:2012 en
In vitro određivanje UVA zaštitnih faktora (ISO 24443:2012; EN ISO 24443:2012)
Determination of sunscreen UVA photoprotection in vitro (ISO 24443:2012; EN ISO 24443:2012)
- zamijenjena s: HRS EN ISO 24443:2022

HZN/TO 502, *Plinski uređaji*

HRN EN 30-1-1:2013 en
Kućanski plinski uređaji za kuhanje – Dio 1-1: Sigurnost – Općenito (EN 30-1-1:2008+A3:2013)
Domestic cooking appliances burning gas – Part 1-1: Safety – General (EN 30-1-1:2008+A3:2013)
- zamijenjena s: HRS EN 30-1-1:2022

HRN EN 203-1:2014 en
Plinski uređaji za velike kuhinje – 1. dio: Opća sigurnosna pravila (EN 203-1:2014)
Gas heated catering equipment – Part 1: General safety rules (EN 203-1:2014)
- zamijenjena s: HRS EN 203-1:2022

HRN EN 203-1:2014/Ispr.1:2016 en
Plinski uređaji za velike kuhinje – 1. dio: Opća sigurnosna pravila (EN 203-1:2014/AC:2016)
Gas heated catering equipment – Part 1: General safety rules (EN 203-1:2014/AC:2016)
- zamijenjena s: HRS EN 203-1:2022

HRN EN 203-2-1:2015 en
Plinski uređaji za profesionalne kuhinje – Dio 2-1: Specifični zahtjevi – Otvoreni plamenici i wok plamenici (EN 203-2-1:2014)
Gas heated catering equipment – Part 2-1: Specific requirements – Open burners and wok burners (EN 203-2-1:2014)
- zamijenjena s: HRS EN 203-2-1:2022

HRN EN 203-2-2:2008 en
Plinski uređaji za velike kuhinje – Dio 2-2: Posebni zahtjevi – Pećnice (EN 203-2-2:2006)
Gas heated catering equipment – Part 2-2: Specific requirements – Ovens (EN 203-2-2:2006)
- zamijenjena s: HRS EN 203-2-2:2022

HRN EN 203-2-4:2008 en
Plinski uređaji za velike kuhinje – Dio 2-4: Posebni zahtjev – Friteze (EN 203-2-4:2005)
Gas heated catering equipment – Part 2-4: Specific requirements – Fryers (EN 203-2-4:2005)
- zamijenjena s: HRS EN 203-2-4:2022

HRN EN 613:2004 en
Plinske konvekcijske grijalice prostora (EN 613:2000+A1:2003)
Independent gas-fired convection heaters (EN 613:2000+A1:2003)
- zamijenjena s: HRS EN 613:2022

HZN/TO 503, *Metalni materijali*

HRN EN ISO 2566-1:2001 en
Čelik – Konverzija vrijednosti istezljivosti – 1. dio: Ugljični i nisko legirani čelici (ISO 2566-1:1984; EN ISO 2566-1:1999)
Steel – Conversion of elongation values – Part 1: Carbon and low alloy steels (ISO 2566-1:1984; EN ISO 2566-1:1999)
- zamijenjena s: HRS EN ISO 2566-1:2022

HRN EN ISO 2566-2:2001 en
Čelik – Konverzija vrijednosti istezljivosti – 2. dio: Austenitni čelici (ISO 2566-2:1984; EN ISO 2566-2:1999)
Steel – Conversion of elongation values – Part 2: Austenitic steels (ISO 2566-2:1984; EN ISO 2566-2:1999)
- zamijenjena s: HRS EN ISO 2566-2:2022

HRN EN 10264-2:2012 en
Čelična žica i žičani proizvodi – Čelična žica za užad – 2. dio: Hladno vučena nelegirana čelična žica za užad opće namjene (EN 10264-2:2012)
Steel wire and wire products – Steel wire for ropes – Part 2: Cold drawn non alloy steel wire for ropes for general applications (EN 10264-2:2012)
- zamijenjena s: HRS EN 10264-2:2022

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

HRN ISO 15663-2:2002 en
Industrija nafte i prirodnog plina – Ukupni rashodi – 2. dio: Upute za primjenu metodologije i postupci izračuna (ISO 15663-2:2001)
Petroleum and natural gas industries – Life-cycle costing – Part 2: Guidance on application of methodology and calculation methods (ISO 15663-2:2001)
- zamijenjena s: HRS EN ISO 15663:2021

HRN ISO 15663-3:2002 en
Industrija nafte i prirodnog plina – Ukupni rashodi – 3. dio:
Upute za primjenu (ISO 15663-3:2001)
Petroleum and natural gas industries – Life-cycle costing
– Part 3: Implementation guidelines (ISO 15663-3:2001)
- zamijenjena s: HRN EN ISO 15663:2021

HZN/TO 509, Cestovna oprema

HRN EN 1463-1:2009 en
Materijali za oznake na kolniku – Retroreflektirajući markeri
– 1. dio: Osnovna zahtijevana svojstva (EN 1463-1:2009)
Road marking materials – Retroreflecting road studs
– Part 1: Initial performance requirements (EN 1463-1:2009)
- zamijenjena s: HRN EN 1463-1:2022

HZN/TO 513, Mjerne jedinice i mjerila

HRN ISO 1100-2:2014 en
Hidrometrija – Mjerenje protoka tekućina u otvorenim kanalima
– 2. dio: Određivanje protočne krivulje (ISO 1100-2:2010)
Hydrometry – Measurement of liquid flow in open channels
– Part 2: Determination of the stage-discharge relationship
(ISO 1100-2:2010)
- bez zamjene

HRN ISO 4360:2009 en
Hidrometrija – Mjerenje protoka u otvorenim kanalima
primjenom trokutastih mjernih pragova (ISO 4360:2008)
Hydrometry – Open channel flow measurement using
triangular profile weirs (ISO 4360:2008)
- bez zamjene

HZN/TO 528, Oprema za željeznice

HRN EN 13848-3:2009 en
Željeznički sustav – Željeznički gornji ustroj – Kvaliteta
kolosiječne geometrije – 3. dio: Mjerni sustavi – Kolosiječni
strojevi za gradnju i održavanje (EN 13848-3:2009)
Railway applications – Track – Track geometry quality – Part 3:
Measuring systems – Track construction and maintenance
machines (EN 13848-3:2009)
- zamijenjena s: HRN EN 13848-3:2022

HRN EN 14067-5:2011 en
Željeznički sustav – Aerodinamika – 5. dio: Zahtjevi
i ispitni postupci za aerodinamiku u tunelima
(EN 14067-5:2006+A1:2010)
Railway applications – Aerodynamics – Part 5: Requirements
and test procedures for aerodynamics in tunnels
(EN 14067-5:2006+A1:2010)
- zamijenjena s: HRN EN 14067-5:2022

HRN EN 14752:2019 en
Željeznički sustav – Sustavi bočnog ulazanja za željeznička
vozila (EN 14752:2019)
Railway applications – Bodyside entrance systems for rolling
stock (EN 14752:2019)
- zamijenjena s: HRN EN 14752:2022

HRN EN 15734-1:2011 en
Željeznički sustav – Kočni sustavi za vlakove velikih brzina
– 1. dio: Zahtjevi i definicije (EN 15734-1:2010)
Railway applications – Braking systems of high speed trains
– Part 1: Requirements and definitions (EN 15734-1:2010)
- zamijenjena s: HRN EN 15734-1:2022

HRN EN 15734-1:2011/Ispr.1:2013 en
Željeznički sustav – Kočni sustavi za vlakove velikih brzina
– 1. dio: Zahtjevi i definicije (EN 15734-1:2010/AC:2013)
Railway applications – Braking systems of high
speed trains – Part 1: Requirements and definitions
(EN 15734-1:2010/AC:2013)
- zamijenjena s: HRN EN 15734-1:2022

HRN EN 15734-2:2011 en
Željeznički sustav – Kočni sustavi za vlakove velikih brzina
– 2. dio: Metode ispitivanja (EN 15734-2:2010)
Railway applications – Braking systems of high speed trains
– Part 2: Test methods (EN 15734-2:2010)
- zamijenjena s: HRN EN 15734-2:2022

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

HRN DIN 685-5:2001 de
Ispitani okrugli čelični lanci – Upotreba (DIN 685-5:1981)
Geprüfte Rundstahlketten; Benutzung (DIN 685-5:1981)
- bez zamjene

HRN ISO 2532:2000 en,fr,ru
Čelična užad – Nazivlje (ISO 2532:1974)
Steel wire ropes – Vocabulary (ISO 2532:1974)
- bez zamjene

HRN ISO 3189-1:2000 en
Užni zatvarači za čeličnu užad opće namjene – 1. dio: Opće
značajke i uvjeti prihvaćanja (ISO 3189-1:1985)
Sockets for wire ropes for general purposes – Part 1:
General characteristics and condition of acceptance
(ISO 3189-1:1985)
- bez zamjene

HRN ISO 3189-1:2000/Ispr.1:2012 en
Užni zatvarači za čeličnu užad opće namjene – 1. dio: Opće
značajke i uvjeti prihvaćanja (ISO 3189-1:1985/Cor 1:2002)
Sockets for wire ropes for general purposes – Part 1:
General characteristics and condition of acceptance
(ISO 3189-1:1985/Cor 1:2002)
- bez zamjene

HRN ISO 3189-2:2000 en
Užni zatvarači za čeličnu užad opće namjene – 2. dio:
Posebni zahtjevi za zatvarače načinjene kovanjem ili
strojnom obradom (iz bloka) (ISO 3189-2:1985)
Sockets for wire ropes for general purposes – Part 2: Specific
requirements for sockets produced by forging or machined
from the solid (ISO 3189-2:1985)
- bez zamjene

HRN ISO 3189-3:2000 en
Užni zatvarači za čeličnu užad opće namjene – 3. dio:
Posebni zahtjevi za zatvarače načinjene lijevanjem
(ISO 3189-3:1985)
Sockets for wire ropes for general purposes – Part 3:
Special requirements for sockets produced by casting
(ISO 3189-3:1985)
- bez zamjene

HRN EN 13411-4:2011 en
Završetci čeličnih užadi – Sigurnost – 4. dio: Metalni i plastični
zaliveni završetci (EN 13411-4:2011)
Terminations for steel wire ropes – Safety – Part 4: Metal and
resin socketing (EN 13411-4:2011)
- zamijenjena s: HRN EN 13411-4:2022

HZN/TO 531, Plastika i guma

HRN EN ISO 527-4:2008 en
Plastika – Određivanje rasteznih svojstava – 4. dio: Uvjeti
ispitivanja izotropnih i ortotropnih plastičnih kompozita
ojačanih vlaknima (ISO 527-4:1997; EN ISO 527-4:1997)
Plastics – Determination of tensile properties – Part 4: Test
conditions for isotropic and orthotropic fibre-reinforced plastic
composites (ISO 527-4:1997; EN ISO 527-4:1997)
- zamijenjena s: HRN EN ISO 527-4:2022

HZN/TO 535, Agregati

HRN EN 1744-4:2007 en
Ispitivanja kemijskih svojstava agregata – 4. dio: Određivanje
osjetljivosti punila za bitumenske mješavine na vodu
(EN 1744-4:2005)
Tests for chemical properties of aggregates – Part 4:
Determination of water susceptibility of fillers for bituminous
mixtures (EN 1744-4:2005)
- zamijenjena s: HRN EN 1744-4:2022

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

HRN EN 1527:2019 en
Građevni okovi – Okovi za klizna i složiva vrata – Zahtjevi i
metode ispitivanja (EN 1527:2019)
Building hardware – Hardware for sliding doors and folding
doors – Requirements and test methods (EN 1527:2019)
- zamijenjena s: HRN EN 1527:2022

HRN EN 12453:2017 en
Industrijska, komercijalna, garažna i ostala ulazna vrata
– Sigurnost pri upotrebi strojno pogonjenih vrata – Zahtjevi i
metode ispitivanja (EN 12453:2017)
Industrial, commercial and garage doors and gates – Safety
in use of power operated doors – Requirements and test
methods (EN 12453:2017)
- zamijenjena s: HRN EN 12453:2022

HRN EN ISO 12543-1:2012 en
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 1. dio: Definicija i opis sastavnih dijelova (ISO 12543-1:2011; EN ISO 12543-1:2011)
Glass in building – Laminated glass and laminated safety glass – Part 1: Definitions and description of component parts (ISO 12543-1:2011; EN ISO 12543-1:2011)
- zamijenjena s: HRN EN ISO 12543-1:2022

HRN EN ISO 12543-2:2012 en
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 2. dio: Višeslojno sigurnosno staklo (ISO 12543-2:2011; EN ISO 12543-2:2011)
Glass in building – Laminated glass and laminated safety glass – Part 2: Laminated safety glass (ISO 12543-2:2011; EN ISO 12543-2:2011)
- zamijenjena s: HRN EN ISO 12543-2:2022

HRN EN ISO 12543-3:2012 en
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 3. dio: Višeslojno staklo (ISO 12543-3:2011; EN ISO 12543-3:2011)
Glass in building – Laminated glass and laminated safety glass – Part 3: Laminated glass (ISO 12543-3:2011; EN ISO 12543-3:2011)
- zamijenjena s: HRN EN ISO 12543-3:2022

HRN EN ISO 12543-4:2012 en
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 4. dio: Metode ispitivanja za trajnost (ISO 12543-4:2011; EN ISO 12543-4:2011)
Glass in building – Laminated glass and laminated safety glass – Part 4: Test methods for durability (ISO 12543-4:2011; EN ISO 12543-4:2011)
- zamijenjena s: HRN EN ISO 12543-4:2022

HRN EN ISO 12543-5:2012 en
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 5. dio: Dimenzije i obradba rubova (ISO 12543-5:2011; EN ISO 12543-5:2011)
Glass in building – Laminated glass and laminated safety glass – Part 5: Dimensions and edge finishing (ISO 12543-5:2011; EN ISO 12543-5:2011)
- zamijenjena s: HRN EN ISO 12543-5:2022

HRN EN ISO 12543-6:2012 en
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 6. dio: Izgled (ISO 12543-6:2011+Cor 1:2012; EN ISO 12543-6:2011+AC:2012)
Glass in building – Laminated glass and laminated safety glass – Part 6: Appearance (ISO 12543-6:2011+Cor 1:2012; EN ISO 12543-6:2011+AC:2012)
- zamijenjena s: HRN EN ISO 12543-6:2022

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

HRN ISO 128-30:2003 en
Tehnički crteži – Opća načela prikazivanja – 30. dio: Osnovne konvencije o pogledima (ISO 128-30:2001)
Technical drawings – General principles of presentation – Part 30: Basic conventions for views (ISO 128-30:2001)
- zamijenjena s: HRN EN ISO 128-3:2020

HRN ISO 128-34:2003 en
Tehnički crteži – Opća načela prikazivanja – 34. dio: Pogledi na crtežima u strojarstvu (ISO 128-34:2001)
Technical drawings – General principles of presentation – Part 34: Views on mechanical engineering drawings (ISO 128-34:2001)
- zamijenjena s: HRN EN ISO 128-3:2020

HRN ISO 128-40:2003 en
Tehnički crteži – Opća načela prikazivanja – 40. dio: Osnovne konvencije za rezove i presjeke (ISO 128-40:2001)
Technical drawings – General principles of presentation – Part 40: Basic conventions for cuts and sections (ISO 128-40:2001)
- zamijenjena s: HRN EN ISO 128-3:2020

HRN ISO 128-44:2003 en
Tehnički crteži – Opća načela prikazivanja – 44. dio: Presjeci na crtežima u strojarstvu (ISO 128-44:2001)
Technical drawings – General principles of presentation – Part 44: Sections on mechanical engineering drawings (ISO 128-44:2001)
- zamijenjena s: HRN EN ISO 128-3:2020

HRN ISO 128-50:2003 en
Tehnički crteži – Opća načela prikazivanja – 50. dio: Osnovne konvencije za prikazivanje površine rezova i presjeka (ISO 128-50:2001)
Technical drawings – General principles of presentation – Part 50: Basic conventions for representing areas on cuts and sections (ISO 128-50:2001)
- zamijenjena s: HRN EN ISO 128-3:2020

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

HRN EN 13941-1:2019 en
Cijevi za daljinsko grijanje – Projektiranje i montaža toplinski izoliranih cijevnih sustava s jednom ili dvije cijevi za ukopane vrelovodne mreže – 1. dio: Projektiranje (EN 13941-1:2019)
District heating pipes – Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks – Part 1: Design (EN 13941-1:2019)
- zamijenjena s: HRN EN 13941-1:2022

HRN EN 13941-2:2019 en
Cijevi za daljinsko grijanje – Projektiranje i montaža toplinski izoliranih cijevnih sustava s jednom ili dvije cijevi za ukopane vrelovodne mreže – 2. dio: Montaža (EN 13941-2:2019)
District heating pipes – Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks – Part 2: Installation (EN 13941-2:2019)
- zamijenjena s: HRN EN 13941-2:2022

HRN EN 15805:2010 en
Filtri za čestice pri općoj ventilaciji – Standardne dimenzije (EN 15805:2009)
Particulate air filters for general ventilation – Standardised dimensions (EN 15805:2009)
- zamijenjena s: HRN EN 15805:2022

HZN/TO 544, Strojni elementi

HRN ISO 4382-1:2008 en
Klizni ležajevi – Bakrene legure – 1. dio: Bakrene legure za lijevanje za jednoslojne ili višeslojne debelostijene klizne ležajeve (ISO 4382-1:1991)
Plain bearings – Copper alloys – Part 1: Cast copper alloys for solid and multilayer thick-walled plain bearings (ISO 4382-1:1991)
- zamijenjena s: HRN ISO 4382-1:2022

HRN ISO 4382-2:2008 en
Klizni ležajevi – Bakrene legure – 2. dio: Bakrene legure za kovanje za jednoslojne klizne ležajeve (ISO 4382-2:1991)
Plain bearings – Copper alloys – Part 2: Wrought copper alloys for solid plain bearings (ISO 4382-2:1991)
- zamijenjena s: HRN ISO 4382-2:2022

HRN ISO 6691:2008 en
Termoplastični polimeri za klizne ležajeve – Razvrstavanje i označavanje (ISO 6691:2000)
Thermoplastic polymers for plain bearings – Classification and designation (ISO 6691:2000)
- zamijenjena s: HRN ISO 6691:2022

HRN ISO 7905-1:2008 en
Klizni ležajevi – Oštećenja ležaja – 1. dio: Klizni ležajevi u ispitnome sklopu i primjeni u uvjetima hidrodinamičkog podmazivanja (ISO 7905-1:1995)
Plain bearings – Bearing fatigue – Part 1: Plain bearings in test rigs and in applications under conditions of hydrodynamic lubrication (ISO 7905-1:1995)
- zamijenjena s: HRN ISO 7905-1:2022

HRN ISO 7905-2:2008 en
Klizni ležajevi – Oštećenja ležaja – 2. dio: Ispitivanje s cilindričnim uzorkom metalnoga ležajnog materijala (ISO 7905-2:1995)
Plain bearings – Bearing fatigue – Part 2: Test with a cylindrical specimen of a metallic bearing material (ISO 7905-2:1995)
- zamijenjena s: HRN ISO 7905-2:2022

HZN/TO 549, Svjetlo i rasvjeta

HRN EN 17037:2019 en
Dnevno svjetlo u zgradama (EN 17037:2018)
Daylight of buildings (EN 17037:2018)
- zamijenjena s: HRN EN 17037:2022

HRN EN 17037:2019/Isp.1:2021 en
Dnevno svjetlo u zgradama (EN 17037:2018/AC:2021)
Daylight in buildings (EN 17037:2018/AC:2021)
- zamijenjena s: HRN EN 17037:2022

HZN/TO 550, *Opskrba vodom*

HRN EN 12873-2:2008 en
Utjecaj materijala na vodu namijenjenu ljudskoj uporabi – Utjecaji zbog migracije – 2. dio: Ispitna metoda za nemetalne i bezcimentne materijale koji se upotrebljavaju na terenu (EN 12873-2:2005)
Influence of materials on water intended for human consumption – Influence due to migration – Part 2: Test method for non-metallic and non-cementitious site-applied materials (EN 12873-2:2005)
- zamijenjena s: HRN EN 12873-2:2022

HZN/TO 555, *Medicinski proizvodi*

HRS CEN ISO/TS 16775:2014 en
Pakiranje za završnu sterilizaciju medicinske opreme – Upute za primjenu norma ISO 11607-1 i ISO 11607-2 (ISO/TS 16775:2014; CEN ISO/TS 16775:2014)
Packaging for terminally sterilized medical devices – Guidance on the application of ISO 11607-1 and ISO 11607-2 (ISO/TS 16775:2014; CEN ISO/TS 16775:2014)
- bez zamjene

HZN/TO 556, *Osobna zaštitna oprema*

HRN EN ISO 22568-4:2019 en
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za sastavne dijelove obuće – 4. dio: Nemetalni umetak otporan na proboj (ISO 22568-4:2019; EN ISO 22568-4:2019)
Foot and leg protectors – Requirements and test methods for footwear components – Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2019; EN ISO 22568-4:2019)
- zamijenjena s: HRN EN ISO 22568-4:2022

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

HRN EN 12952-2:2012 en
Vodocijevni kotlovi i pomoćne instalacije – 2. dio: Materijali za dijelove kotlova i opremu pod tlakom (EN 12952-2:2011)
Water-tube boilers and auxiliary installations – Part 2: Materials for pressure parts of boilers and accessories (EN 12952-2:2011)
- zamijenjena s: HRN EN 12952-2:2022

HRN EN 12952-5:2012 en
Vodocijevni kotlovi i pomoćne instalacije – 5. dio: Radionička izrada i konstrukcija dijelova kotla pod tlakom (EN 12952-5:2011)
Water-tube boilers and auxiliary installations – Part 5: Workmanship and construction of pressure parts of the boiler (EN 12952-5:2011)
- zamijenjena s: HRN EN 12952-5:2022

HRN EN 12952-6:2012 en
Vodocijevni kotlovi i pomoćne instalacije – 6. dio: Nadzor tijekom izrade; dokumentacija i označavanje dijelova kotla pod tlakom (EN 12952-6:2011)
Water-tube boilers and auxiliary installations – Part 6: Inspection during construction; documentation and marking of pressure parts of the boiler (EN 12952-6:2011)
- zamijenjena s: HRN EN 12952-6:2022

HRN EN 12952-10:2004 en
Vodocijevni kotlovi i pomoćne instalacije – 10. dio: Zahtjevi za zaštitu od prekoračenja dopuštenog tlaka (EN 12952-10:2002)
Water-tube boilers and auxiliary installations – Part 10: Requirements for safeguards against excessive pressure (EN 12952-10:2002)
- zamijenjena s: HRN EN 12952-10:2022

HRN EN 14894:2013 en
Oprema i pribor za UNP – Označavanje boca i spremnika (EN 14894:2013)
LPG equipment and accessories – Cylinder and drum marking (EN 14894:2013)
- zamijenjena s: HRN EN 14894:2022

HRN EN 15609:2012 en
Oprema i pribor za UNP – Pogonski sustavi na UNP za brodove, jahte i ostala plovila (EN 15609:2012)
LPG equipment and accessories – LPG propulsion systems for boats, yachts and other craft (EN 15609:2012)
- zamijenjena s: HRN EN 15609:2022

HRN EN 16119:2013 en
Oprema i pribor za UNP – Brtvne kape i čepovi za UNP boce i ventile tlačnih posuda – Specifikacija i ispitivanje (EN 16119:2013)
LPG equipment and accessories – Sealing caps and plugs for LPG cylinder and pressure vessel valves – Specification and testing (EN 16119:2013)
- zamijenjena s: HRN EN 16119:2022

HZN/TO 562, *Alatni strojevi i alati*

HRN EN ISO 19085-3:2018 en
Strojevi za obradu drva – Sigurnost – 3. dio: Numeričko upravljani strojevi (NC) za bušenje i vođenje po krivulji (ISO 19085-3:2017; EN ISO 19085-3:2017)
Woodworking machines – Safety requirements – Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017; EN ISO 19085-3:2017)
- zamijenjena s: HRN EN ISO 19085-3:2022

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

HRN EN 926-2:2014 en
Oprema za paraglajding – Paragladjeri – 2. dio: Zahtjevi i metode ispitivanja za klasificiranje sigurnosnih karakteristika leta (EN 926-2:2013)
Paragliding equipment – Paragliders – Part 2: Requirements and test methods for classifying flight safety characteristics (EN 926-2:2013)
- zamijenjena s: HRN EN 926-2:2022

HRN EN 12491:2015 en
Oprema za paraglajding – Rezervni padobrani – Sigurnosni zahtjevi i metode ispitivanja (EN 12491:2015)
Paragliding equipment – Emergency parachutes – Safety requirements and test methods (EN 12491:2015)
- zamijenjena s: HRN EN 12491:2022

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

HRN EN 16166:2013 en
Muljevi, obrađeni biootpad i tlo – Određivanje adsorbibilnih organski vezanih halogena (AOX) (EN 16166:2012)
Sludge, treated biowaste and soil – Determination of adsorbable organically bound halogens (AOX) (EN 16166:2012)
- zamijenjena s: HRN EN 16166:2022

HRN EN 16174:2013 en
Muljevi, obrađeni biootpad i tlo – Razgradnja frakcija elemenata topljivih u zlatotopci (EN 16174:2012)
Sludge, treated biowaste and soil – Digestion of aqua regia soluble fractions of elements (EN 16174:2012)
- bez zamjene

HZN/TO 579, *Robotika, sustavi automatizacije i integracije*

HRN EN ISO 19440:2008 en
Integracija poduzeća – Konstrukti za modeliranje poduzeća (ISO 19440:2007; EN ISO 19440:2007)
Enterprise integration – Constructs for enterprise modelling (ISO 19440:2007; EN ISO 19440:2007)
- bez zamjene

HZN/TO E9, *Električna oprema za željeznicu*

HRN EN 50126-1:2001 en
Željeznički sustav – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 1. dio: Osnovni zahtjevi i generički postupak (EN 50126-1:1999)
Railway applications – The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Basic requirements and generic process (EN 50126-1:1999)
- zamijenjena s: HRN EN 50126-1:2017

HRN EN 50126-1:2001/Isp.1:2009 en
Željeznički sustav – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 1. dio: Osnovni zahtjevi i generički postupak (EN 50126-1:1999/AC:2006)
Railway applications – The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Basic requirements and generic process (EN 50126-1:1999/AC:2006)
- zamijenjena s: HRN EN 50126-1:2017

HRN EN 50126-1:2001/Ispr.2:2014 en
Željeznički sustav – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 1. dio: Osnovni zahtjevi i generički postupak (EN 50126-1:1999/AC:2010)
Railway applications – The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Basic requirements and generic process (EN 50126-1:1999/AC:2010)
- zamijenjena s: HRN EN 50126-1:2017

HZN/TO E45, Nuklearna instrumentacija

HRN IEC 60579:1998 en
Mjerači i monitori kontaminacije radioaktivnim aerosolima (IEC 60579:1977)
Radioactive aerosol contamination meters and monitors (IEC 60579:1977)
- bez zamjene

HRN IEC 60846-2:2008 en
Instrumentacija u zaštiti od zračenja – Ambijentni i/ili usmjereni mjerači doznog ekvivalenta (brzine doznog ekvivalenta) i/ili monitori za beta, X i gama zračenje – 2. dio: Prijenosni instrumenti za mjerenje doze i brzine doze beta zračenja visokog dosega i fotona namijenjeni zaštiti od zračenja u interventnim okolnostima (IEC 60846-2:2007)
Radiation protection instrumentation – Ambient and/or directional dose equivalent (rate) meters and/or monitors for beta, X and gamma radiation – Part 2: High range beta and photon dose and dose rate portable instruments for emergency radiation protection purposes (IEC 60846-2:2007)
- bez zamjene

HRN IEC/TR3 61276:1998 en
Upute za odabir nuklearnih radijacijskih spektrometrijskih sustava s metrološkom potporom (IEC/TR3 61276:1994)
Guidelines for selection of metrologically supported nuclear radiation spectrometry systems (IEC/TR3 61276:1994)
- bez zamjene

HRN IEC 61322:1998 en
Instrumentacija za zaštitu od zračenja – Instalirani mjerači brzine doznog ekvivalenta, sklopovi za upozorenje i monitori za neutronsko zračenje od termalne energije do 15 MeV (IEC 61322:1994)
Radiation protection instrumentation – Installed dose equivalent rate meters, warning assemblies and monitors for neutron radiation of energy from thermal to 15 MeV (IEC 61322:1994)
- bez zamjene

HRN IEC 61452:1998 en
Nuklearna instrumentacija – Mjerenje brzine emisije gama zraka radionuklida – Umjeravanje i uporaba germanijevih spektrometara (IEC 61452:1995)
Nuclear instrumentation – Measurement of gamma-ray emission rates of radionuclides – Calibration and use of germanium spectrometers (IEC 61452:1995)
- bez zamjene

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN IEC 60580:2008 en
Medicinski električni uređaji – Mjerila radioaktivne ozračenosti prostora (IEC 60580:2003)
Medical electrical equipment – Dose area product meters (IEC 60580:2003)
- bez zamjene

HRN IEC 60601-2-15:2000 en
Medicinski električni uređaji – Dio 2-15: Posebni zahtjevi za sigurnost izvora rendgenskog zračenja s izbijanjem kondenzatora (IEC 60601-2-15:1988)
Medical electrical equipment – Part 2-15: Particular requirements for the safety of capacitor discharge X-ray generators (IEC 60601-2-15:1988)
- bez zamjene

HRN IEC 60601-2-34:2008 en
Medicinska električna oprema – Dio 2-34: Posebni zahtjevi za sigurnost, uključujući bitne radne značajke uređaja za invazivno mjerenje krvnog tlaka (IEC 60601-2-34:2005)
Medical electrical equipment – Part 2-34: Particular requirements for the safety, including essential performance, of invasive blood pressure monitoring equipment (IEC 60601-2-34:2005)
- bez zamjene

HRN IEC 60601-2-4:2008 en
Medicinska električna oprema – Dio 2-4: Posebni zahtjevi za sigurnost srčanih defibrilatora (IEC 60601-2-4:2005)
Medical electrical equipment – Part 2-4: Particular requirements for the safety of cardiac defibrillators (IEC 60601-2-4:2005)
- bez zamjene

HRN IEC 60601-2-45:2008 en
Medicinski električni uređaji – Dio 2-45: Posebni zahtjevi za sigurnost mamografske rendgenske opreme i mamografskih stereotaktičnih naprava (IEC 60601-2-45:2006)
Medical electrical equipment – Part 2-45: Particular requirements for the safety of mammographic X-ray equipment and mammographic stereotactic devices (IEC 60601-2-45:2006)
- bez zamjene

HRN IEC 60601-2-49:2008 en
Medicinski električni uređaji – Dio 2-49: Posebni zahtjevi za sigurnost višefunkcijskih uređaja za nadzor pacijenta (IEC 60601-2-49:2006)
Medical electrical equipment – Part 2-49: Particular requirements for the safety of multifunction patient monitoring equipment (IEC 60601-2-49:2006)
- bez zamjene

HRN IEC 60601-2-50:2008 en
Medicinski električni uređaji – Dio 2-50: Posebni zahtjevi za sigurnost uređaja za dječju fototerapiju (IEC 60601-2-50:2005)
Medical electrical equipment – Part 2-50: Particular requirements for the safety of infant phototherapy equipment (IEC 60601-2-50:2005)
- bez zamjene

HRN IEC 60601-2-51:2008 en
Medicinski električni uređaji – Dio 2-51: Posebni zahtjevi za sigurnost, uključujući bitne radne značajke jednodimenzionalnih i višekanalnih elektrokardiograma s obradom signala (IEC 60601-2-51:2005)
Medical electrical equipment – Part 2-51: Particular requirements for safety, including essential performance, of recording and analysing single channel and multichannel electrocardiographs (IEC 60601-2-51:2005)
- bez zamjene

HRN IEC 60601-2-5:2008 en
Medicinski električni uređaji – Dio 2-5: Posebni zahtjevi za sigurnost ultrazvučne opreme za fizikalnu terapiju (IEC 60601-2-5:2005)
Medical electrical equipment – Part 2-5: Particular requirements for the safety of ultrasonic physiotherapy equipment (IEC 60601-2-5:2005)
- bez zamjene

HRN IEC/TR 60930:1999 en
Upute upravnom, medicinskom i njegovateljskom osoblju za sigurnu uporabu medicinske električne opreme (IEC/TR 60930:1988)
Guidelines for administrative, medical and nursing staff concerned with the safe use of medical electrical equipment (IEC/TR 60930:1988)
- bez zamjene

HRN IEC/TR 60977:2003 en
Medicinska električna oprema – Medicinski elektronski akceleratori u području od 1 MeV do 50 MeV – Smjernice za funkcionalne radne značajke (IEC/TR 60977:1989+am1:2000)
Medical electrical equipment – Medical electron accelerators in the range of 1 MeV to 50 MeV – Guidelines for functional performance characteristics (IEC/TR 60977:1989+am1:2000)
- bez zamjene

HRN IEC 61223-2-10:2003 en
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Evaluation and routine testing in medical imaging departments – Part 2-10: Constancy tests – X-ray equipment for mammography (IEC 61223-2-10:1999)
- bez zamjene

HRN IEC 61223-2-11:2003 en
Vrednovanje i redovito ispitivanje odjela za dobivanje medicinskih slika – Dio 2-11: Ispitivanje nepromjenljivosti – Oprema za opću izravnu radiografiju (IEC 61223-2-11:1999)
Evaluation and routine testing in medical imaging departments – Part 2-11: Constancy tests – Equipment for general direct radiography (IEC 61223-2-11:1999)
- bez zamjene

- HRN IEC 61223-2-7:2003 en
Vrednovanje i redovito ispitivanje odjela za dobivanje medicinskih slika – Dio 2-7: Ispitivanje nepromjenljivosti – Oprema za intraoralnu radiografiju zubi, osim opreme za ortopantomografsku rendgensku dijagnostiku (IEC 61223-2-7:1999)
Evaluation and routine testing in medical imaging departments – Part 2-7: Constancy tests – Equipment for intra-oral dental radiography excluding dental panoramic equipment (IEC 61223-2-7:1999)
- bez zamjene
- HRN IEC 61223-2-9:2003 en
Vrednovanje i redovito ispitivanje odjela za dobivanje medicinskih slika – Dio 2-9: Ispitivanje nepromjenljivosti – Oprema za indirektnu radioskopiju i radiografiju (IEC 61223-2-9:1999)
Evaluation and routine testing in medical imaging departments – Part 2-9: Constancy tests – Equipment for indirect radiology and indirect radiography (IEC 61223-2-9:1999)
- bez zamjene
- HRN IEC 61258:1999 en
Upute za razvoj i uporabu nastavnih pomagala za medicinsku električnu opremu (IEC 61258:1994)
Guidelines for the development and use of medical electrical equipment educational materials (IEC 61258:1994)
- bez zamjene
- HRN IEC/TR3 61288-1:1999 en
Srčani defibrilatori – Srčani defibrilatori s monitorom – 1. dio: Rad (IEC/TR3 61288-1:1993)
Cardiac defibrillators – Cardiac defibrillator monitors – Part 1: Operation (IEC/TR3 61288-1:1993)
- bez zamjene
- HRN IEC/TR3 61288-2:1999 en
Srčani defibrilatori – Srčani defibrilatori s monitorom – 2. dio: Održavanje (IEC/TR3 61288-2:1993)
Cardiac defibrillators – Cardiac defibrillator monitors – Part 2: Maintenance (IEC/TR3 61288-2:1993)
- bez zamjene
- HRN IEC/TR3 61289-1:1999 en
Visokofrekvencijski kirurški uređaji – 1. dio: Rad (IEC/TR3 61289-1:1994)
High frequency surgical equipment – Part 1: Operation (IEC/TR3 61289-1:1994)
- bez zamjene
- HRN IEC/TR3 61289-2:1999 en
Visokofrekvencijski kirurški uređaji – 2. dio: Održavanje (IEC/TR3 61289-2:1994)
High frequency surgical equipment – Part 2: Maintenance (IEC/TR3 61289-2:1994)
- bez zamjene
- HRN IEC/TR3 61852:2003 en
Medicinska električna oprema – Digitalno dobivanje slike i komunikacije u medicini (DICOM) – Radioterapijski objekti (IEC/TR3 61852:1998)
Medical electrical equipment – Digital imaging and communications in medicine (DICOM) – Radiotherapy objects (IEC/TR3 61852:1998)
- bez zamjene
- HRN IEC/TR3 61859:2003 en
Smjernice za oblikovanje soba za radioterapijsko liječenje (IEC/TR3 61859:1997)
Guidelines for radiotherapy treatment rooms design (IEC/TR3 61859:1997)
- bez zamjene
- HRS IEC/PAS 61910-1:2008 en
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Medical electrical equipment – Radiation dose documentation – Part 1: Equipment for radiography and radiology (IEC/PAS 61910-1:2007)
- bez zamjene
- HRN IEC/TR 61948-1:2003 en
Nuklearna medicinska instrumentacija – Rutinska ispitivanja – 1. dio: Sustavi za mjerenje zračenja (IEC/TR 61948-1:2001)
Nuclear medicine instrumentation – Routine tests – Part 1: Radiation counting systems (IEC/TR 61948-1:2001)
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- HRN IEC/TR 61948-2:2003 en
Nuklearna medicinska instrumentacija – Rutinska ispitivanja – 2. dio: Scintilacijske kamere i SPECT uređaji za dobivanje medicinskih slika (IEC/TR 61948-2:2001)
Nuclear medicine instrumentation – Routine tests – Part 2: Scintillation cameras and single photon emission computed tomography imaging (IEC/TR 61948-2:2001)
- bez zamjene
- HRN IEC/TR 62266:2003 en
Medicinska električna oprema – Smjernice za primjenu DICOM u radioterapiji (IEC/TR 62266:2002)
Medical electrical equipment – Guidelines for implementation of DICOM in radiotherapy (IEC/TR 62266:2002)
- bez zamjene
- HRN IEC/TR 62296:2003 en
Razmatranje nekih značajki sigurnosti u drugom izdanju IEC 60601-1 i prijedlozi novih zahtjeva (IEC/TR 62296:2003)
Considerations of unaddressed safety aspects in the Second Edition of IEC 60601-1 and proposals for new requirements (IEC/TR 62296:2003)
- bez zamjene
- HZN/TO E65, Mjerenje, vođenje i automatizacija industrijskih procesa**
- HRN IEC 61588:2008 en
Protokol za preciznu vremensku sinkronizaciju za umrežene sustave mjerenja i vođenja (IEC 61588:2004)
Precision clock synchronization protocol for networked measurement and control systems (IEC 61588:2004)
- bez zamjene
- HRS IEC/TS 61804-1:2008 en
Funkcijski blokovi (FB) za vođenje procesa – 1. dio: Sažetak sustavskih stajališta (IEC/TS 61804-1:2003)
Function blocks (FB) for process control – Part 1: Overview of system aspects (IEC/TS 61804-1:2003)
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- HRS IEC/PAS 62453-1:2008 en
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 1. dio: Konceptije i detaljan opis (IEC/PAS 62453-1:2006)
Field Device Tool (FDT) interface specification – Part 1: Concepts and detailed description (IEC/PAS 62453-1:2006)
- zamijenjena s: HRN EN 62453-1:2010
- HRS IEC/PAS 62453-2:2008 en
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 2. dio: INTERBUS komunikacija (IEC/PAS 62453-2:2006)
Field Device Tool (FDT) interface specification – Part 2: INTERBUS communication (IEC/PAS 62453-2:2006)
- zamijenjena s: HRN EN 62453-2:2010
- HRS IEC/PAS 62453-3:2008 en
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 3. dio: PROFIBUS komunikacija (IEC/PAS 62453-3:2006)
Field Device Tool (FDT) Interface specification – Part 3: PROFIBUS communication (IEC/PAS 62453-3:2006)
- bez zamjene
- HRS IEC/PAS 62453-4:2008 en
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 4. dio: HART komunikacija (IEC/PAS 62453-4:2006)
Field Device Tool (FDT) interface specification – Part 4: HART communication (IEC/PAS 62453-4:2006)
- bez zamjene
- HRS IEC/PAS 62453-5:2008 en
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 5. dio: FOUNDATION FIELDBUS komunikacija (IEC/PAS 62453-5:2006)
Field Device Tool (FDT) interface specification – Part 5: FOUNDATION FIELDBUS communication (IEC/PAS 62453-5:2006)
- bez zamjene
- HRS IEC/PAS 62573:2008 en
Ethernet u realnom vremenu – Automatizacijski protokoli u realnome vremenu za industrijski Ethernet (RAPIEnet) (IEC/PAS 62573:2008)
Real-time Ethernet – Real-time Automation Protocol for Industrial Ethernet (RAPIEnet) (IEC/PAS 62573:2008)
- bez zamjene

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

HRN IEC 60730-1:2010 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – 1. dio: Opći zahtjevi (IEC 60730-1:2010)
Automatic electrical controls for household and similar use
– Part 1: General requirements (IEC 60730-1:2010)
- bez zamjene

HRN IEC 60730-2-15:2008 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-15: Posebni zahtjevi za električne regulatore razine vode s plovkom ili elektrodom, koji se primjenjuju u kotlovima (IEC 60730-2-15:2008)
Automatic electrical controls for household and similar use
– Part 2-15: Particular requirements for automatic electrical water level sensing controls of the float or electrode-sensor type used in boiler applications (IEC 60730-2-15:2008)
- bez zamjene

HRN IEC 60730-2-17:2007 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-17: Posebni zahtjevi za električne ventile za plin, uključujući mehaničke zahtjeve (IEC 60730-2-17:2007)
Automatic electrical controls for household and similar use – Part 2-17: Particular requirements for electrically operated gas valves, including mechanical requirements (IEC 60730-2-17:2007)
- bez zamjene

HRN IEC 60730-2-17:2007/A2:2008 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-17: Posebni zahtjevi za električne ventile za plin, uključujući mehaničke zahtjeve (IEC 60730-2-17:2007/am2:2007)
Automatic electrical controls for household and similar use – Part 2-17: Particular requirements for electrically operated gas valves, including mechanical requirements (IEC 60730-2-17:2007/am2:2007)
- bez zamjene

HRN IEC 60730-2-7:2008 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-7: Posebni zahtjevi za programatore i vremenske sklopke (IEC 60730-2-7:2008)
Automatic electrical controls for household and similar use
– Part 2-7: Particular requirements for timers and time switches (IEC 60730-2-7:2008)
- bez zamjene

HRN IEC 60730-2-9:2008 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-9: Posebni zahtjevi za električne regulatore temperature (IEC 60730-2-9:2008)
Automatic electrical controls for household and similar use
– Part 2-9: Particular requirements for temperature sensing controls (IEC 60730-2-9:2008)
- bez zamjene

HZN/TO E79, Alarmni sustavi

HRN IEC 60839-1-1:1998 en
Alarmni sustavi – 1. dio: Opći zahtjevi – 1. odjeljak: Općenito (IEC 60839-1-1:1988)
Alarm systems – Part 1: General requirements – Section 1: General (IEC 60839-1-1:1988)
- bez zamjene

HRN IEC 60839-1-3:1998 en
Alarmni sustavi – 1. dio: Opći zahtjevi – 3. odjeljak: Ispitivanje pri utjecaju okoliša (IEC 60839-1-3:1988)
Alarm systems – Part 1: General requirements – Section 3: Environmental testing (IEC 60839-1-3:1988)
- bez zamjene

HRN IEC 60839-1-4:1998 en
Alarmni sustavi – 1. dio: Opći zahtjevi – 4. odjeljak: Pravila prakse (IEC 60839-1-4:1989)
Alarm systems – Part 1: General requirements – Section 4: Code of practice (IEC 60839-1-4:1989)
- bez zamjene

HRN IEC 60839-2-2:1998 en
Alarmni sustavi – 2. dio: Zahtjevi za protuprovalne alarmne sustave – 2. odjeljak: Zahtjevi za detektore – Općenito (IEC 60839-2-2:1987)
Alarm systems – Part 2: Requirements for intruder alarm systems – Section 2: Requirements for detectors – General (IEC 60839-2-2:1987)
- bez zamjene

HRN IEC 60839-2-3:1998 en
Alarmni sustavi – 2. dio: Zahtjevi za protuprovalne alarmne sustave – 3. odjeljak: Zahtjevi za detektore koji rade s prekidanjem infracrvene zrake (IEC 60839-2-3:1987)
Alarm systems – Part 2: Requirements for intruder alarm systems – Section 3: Requirements for infrared-beam interruption in buildings (IEC 60839-2-3:1987)
- bez zamjene

HRN IEC 60839-2-4:1998 en
Alarmni sustavi – 2. dio: Zahtjevi za protuprovalne alarmne sustave – 4. odjeljak: Ultrazvučni detektori s Dopplerovim efektom za uporabu u zgradama (IEC 60839-2-4:1990)
Alarm systems – Part 2: Requirements for intruder alarm systems – Section 4: Ultrasonic Doppler detectors for use in buildings (IEC 60839-2-4:1990)
- bez zamjene

HRN IEC 60839-2-5:1998 en
Alarmni sustavi – 2. dio: Zahtjevi za protuprovalne alarmne sustave – 5. odjeljak: Mikrovalni detektori s Dopplerovim efektom za uporabu u zgradama (IEC 60839-2-5:1990)
Alarm systems – Part 2: Requirements for intruder alarm systems – Section 5: Microwave Doppler detectors for use in buildings (IEC 60839-2-5:1990)
- bez zamjene

HRN IEC 60839-2-6:1998 en
Alarmni sustavi – 2. dio: Zahtjevi za protuprovalne alarmne sustave – 6. odjeljak: Pasivni infracrveni detektori za uporabu u zgradama (IEC 60839-2-6:1990)
Alarm systems – Part 2: Requirements for intruder alarm systems – Section 6: Passive infra-red detectors for use in buildings (IEC 60839-2-6:1990)
- bez zamjene

HRN IEC 60839-2-7:1998 en
Alarmni sustavi – 2. dio: Zahtjevi za protuprovalne alarmne sustave – 7. odjeljak: Pasivni detektori loma stakla za uporabu u zgradama (IEC 60839-2-7:1994)
Alarm systems – Part 2: Requirements for intruder alarm systems – Section 7: Passive glass-break detectors for use in buildings (IEC 60839-2-7:1994)
- bez zamjene

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

HRN IEC 61097-2:2008 en
Svjetski pomorski sustav pogibelji i sigurnosti (GMDSS) – 2. dio: COSPAS-SARSAT EPIRB – Satelitska radioplutača za označavanje položaja u nužnosti, na 406 MHz – Radni i izvedbeni zahtjevi, metode ispitivanja i zahtjevani rezultati ispitivanja (IEC 61097-2:2008)
Global maritime distress and safety system (GMDSS) – Part 2: COSPAS-SARSAT EPIRB – Satellite emergency position indicating radio beacon operating on 406 MHz – Operational and performance requirements, methods of testing and required test results (IEC 61097-2:2008)
- bez zamjene

HRN IEC 61097-3:2002 en
Svjetski pomorski sustav pogibelji i sigurnosti (GMDSS) – 3. dio: Oprema za digitalni selektivni poziv – Obvezatne radne značajke, metode ispitivanja i obvezatni rezultati ispitivanja (IEC 61097-3:1994)
Global maritime distress and safety system (GMDSS) – Part 3: Digital selective calling (DSC) equipment – Operational and performance requirements, methods of testing and required testing results (IEC 61097-3:1994)
- bez zamjene

HRN IEC 61097-4:2008 en

Svjetski pomorski sustav pogibelji i sigurnosti (GMDSS) – 4. dio: INMARSAT-C brodska zemaljska postaja i oprema za INMARSAT poboljšani skupni poziv (EGC) – Radni i izvedbeni zahtjevi, metode ispitivanja i zahtjevani rezultati ispitivanja (IEC 61097-4:2007)

Global maritime distress and safety system (GMDSS) – Part 4: INMARSAT-C ship earth station and INMARSAT enhanced group call (EGC) equipment – Operational and performance requirements, methods of testing and required test results (IEC 61097-4:2007)
- bez zamjene

HRN IEC 61097-10:2002 en

Svjetski pomorski sustav pogibelji i sigurnosti (GMDSS) – 10. dio: Inmarsat-B oprema za brodsku zemaljsku postaju – Radni i izvedbeni zahtjevi, metode ispitivanja i zahtjevani rezultati ispitivanja (IEC 61097-10:1999)

Global maritime distress and safety system (GMDSS) – Part 10: Inmarsat-B ship earth station equipment – Operational and performance requirements, methods of testing and required test results (IEC 61097-10:1999)
- bez zamjene

HRN IEC 61097-13:2004 en

Svjetski pomorski sustav pogibelji i sigurnosti (GMDSS) – 13. dio: INMARSAT F77 brodska zemaljska postaja – Radni i izvedbeni zahtjevi, metode ispitivanja i zahtjevani rezultati ispitivanja (IEC 61097-13:2003)

Global maritime distress and safety system (GMDSS) – Part 13: Inmarsat F77 ship earth station equipment – Operational and performance requirements, methods of testing and required test results (IEC 61097-13:2003)
- bez zamjene

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

HRN IEC 61786:2001 en

Mjerenje niskofrekvencijskih magnetskih i električnih polja s obzirom na izloženost ljudi – Posebni zahtjevi za instrumente i upute za mjerenja (IEC 61786:1998)

Measurement of low-frequency magnetic and electric fields with regard to exposure of human beings – Special requirements for instruments and guidance for measurements (IEC 61786:1998)
- bez zamjene

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

HRN IEC 60268-14:2003 en

Oprema audiosustava – 14. dio: Okrugli i eliptični zvučnici; vanjski promjeri i dimenzije za ugradnju (IEC 60268-14:1980)
Sound system equipment – Part 14: Circular and elliptical loudspeakers; outer frame diameters and mounting dimensions (IEC 60268-14:1980)
- bez zamjene

HRN IEC 60581-3:2003 en

Audio oprema i sustavi za visoku vjernost reprodukcije – Minimalni zahtjevi izvedbe – 3. dio: Gramofoni i gramofonske zvučnice (IEC 60581-3:1978)

High fidelity audio equipment and systems – Minimum performance requirements – Part 3: Record playing equipment and cartridges (IEC 60581-3:1978)
- bez zamjene

HRN IEC 60581-4:2004 en

Audio oprema i sustavi za visoku vjernost reprodukcije – Minimalni zahtjevi izvedbe – 4. dio: Uređaji za magnetski zapis i reprodukciju (IEC 60581-4:1979)

High fidelity audio equipment and systems – Minimum performance requirements – Part 4: Magnetic recording and reproducing equipment (IEC 60581-4:1979)
- bez zamjene

HRN IEC 60581-8:2003 en

Audio oprema i sustavi za visoku vjernost reprodukcije – Minimalni zahtjevi izvedbe – 8. dio: Kombinacije opreme (IEC 60581-8:1986)

High fidelity audio equipment and systems – Minimum performance requirements – Part 8: Combination equipment (IEC 60581-8:1986)
- bez zamjene

HRN IEC 60581-12:2003 en

Audio oprema i sustavi za visoku vjernost reprodukcije – Minimalni zahtjevi izvedbe – 12. dio: Izlaz za zvuk televizijskih preklopnika kanala (tjunera) (IEC 60581-12:1988)

High fidelity audio equipment and systems – Minimum performance requirements – Part 12: Sound output of television tuners (IEC 60581-12:1988)
- bez zamjene

HRN IEC 60581-13:2003 en

Audio oprema i sustavi za visoku vjernost reprodukcije – Minimalni zahtjevi izvedbe – 13. dio: Sustavi visoke vjernosti reprodukcije u vozilima (npr. motorna vozila): FM radioprijamnici (IEC 60581-13:1988)

High fidelity audio equipment and systems – Minimum performance requirements – Part 13: High fidelity systems for use in vehicles (for example, motor cars): FM-radio tuner units (IEC 60581-13:1988)
- bez zamjene

HZN/TO E501, Elektroakustika i ultrazvuk

HRS IEC/TS 62462:2010 en

Ultrazvuk – Izlazni testovi – Upute za uporabu ultrazvučnih sustava za fizikalnu terapiju (IEC/TS 62462:2007)

Ultrasonics – Output Test – Guide for the maintenance of ultrasound physiotherapy systems (IEC/TS 62462:2007)
- bez zamjene

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRN ISO/IEC 11801:2009 en

Informacijska tehnologija – Generičko kabliranje korisničkih prostora (ISO/IEC 11801:2008)

Information technology – Generic cabling for customer premises (ISO/IEC 11801:2008)
- bez zamjene

HRN ISO/IEC 11801:2009/A2:2010 en

Informacijska tehnologija – Generičko kabliranje korisničkih prostora (ISO/IEC 11801:2008/am2:2010)

Information technology – Generic cabling for customer premises (ISO/IEC 11801:2008/am2:2010)
- bez zamjene

HRN ISO/IEC 14763-1:2009 en

Informacijska tehnologija – Izvedba i pogon kabliranja korisničkih prostora – 1. dio: Upravljanje (ISO/IEC 14763-1:1999+am1:2004)

Information technology – Implementation and operation of customer premises cabling – Part 1: Administration (ISO/IEC 14763-1:1999+am1:2004)
- bez zamjene

HRN ISO/IEC 14763-2:2016 en

Informacijska tehnologija – Izvedba i pogon kabliranja korisničkih prostora – 2. dio: Planiranje i instaliranje (ISO/IEC 14763-2:2012)

Information technology – Implementation and operation of customer premises cabling – Part 2: Planning and installation (ISO/IEC 14763-2:2012)
- bez zamjene

HRN ISO/IEC 14763-2:2016/A1:2016 en

Informacijska tehnologija – Izvedba i pogon kabliranja korisničkih prostora – 2. dio: Planiranje i instaliranje (ISO/IEC 14763-2:2012/Amd 1:2015)

Information technology – Implementation and operation of customer premises cabling – Part 2: Planning and installation (ISO/IEC 14763-2:2012/Amd 1:2015)
- bez zamjene

HRN ISO/IEC 15018:2009 en

Informacijska tehnologija – Generičko kabliranje stambenih prostora (ISO/IEC 15018:2004)

Information technology – Generic cabling for homes (ISO/IEC 15018:2004)
- bez zamjene

HRN ISO/IEC 15018:2009/A1:2010 en

Informacijska tehnologija – Generičko kabliranje stambenih prostora (ISO/IEC 15018:2004/am1:2009)

Information technology – Generic cabling for homes (ISO/IEC 15018:2004/am1:2009)
- bez zamjene

HRN ISO/IEC 18010:2009 en
Informacijskatehnologija – Kabelsketraseiprostorizakabliiranje korisničkih prostora (ISO/IEC 18010:2002+am1:2005)
Information technology – Pathways and spaces for customer premises cabling (ISO/IEC 18010:2002+am1:2005)
- bez zamjene

HRN ISO/IEC 24702:2009 en
Informacijska tehnologija – Generičko kabliranje – Industrijski prostori (ISO/IEC 24702:2006)
Information technology – Generic cabling – Industrial premises (ISO/IEC 24702:2006)
- bez zamjene

HRN ISO/IEC 24702:2009/A1:2010 en
Informacijska tehnologija – Generičko kabliranje – Industrijski prostori (ISO/IEC 24702:2006/am1:2009)
Information technology – Generic cabling – Industrial premises (ISO/IEC 24702:2006/am1:2009)
- bez zamjene

HRI ISO/IEC/TR 24704:2009 en
Informacijska tehnologija – Kabliranje korisničkih prostora za pristupne točke bežične mreže (ISO/IEC/TR 24704:2004)
Information technology – Customer premises cabling for wireless access points (ISO/IEC/TR 24704:2004)
- bez zamjene

HRI ISO/IEC/TR 24746:2009 en
Informacijska tehnologija – Generičko kabliranje korisničkih prostora – Umetanje mid-span- napajanja podatkovne terminalne opreme (PTE) (ISO/IEC/TR 24746:2005)
Information technology – Generic cabling for customer premises – Mid-span DTE power insertion (ISO/IEC/TR 24746:2005)
- bez zamjene

HRN ISO/IEC 24764:2010 en
Informacijska tehnologija – Generički sustavi kabliranja podatkovnih centara (ISO/IEC 24764:2010)
Information technology – Generic cabling systems for data centres (ISO/IEC 24764:2010)
- bez zamjene

HRN ISO/IEC 24764:2010/A1:2016 en
Informacijska tehnologija – Generički sustavi kabliranja podatkovnih centara (ISO/IEC 24764:2010/Amd 1:2014)
Information technology – Generic cabling systems for data centres (ISO/IEC 24764:2010/Amd 1:2014)
- bez zamjene

HRI ISO/IEC/TR 29125:2011 en
Informacijska tehnologija – Zahtjevi na telekomunikacijsko kabliranje za daljinsko napajanje terminalne opreme (ISO/IEC/TR 29125:2010)
Information technology – Telecommunications cabling requirements for remote powering of terminal equipment (ISO/IEC/TR 29125:2010)
- bez zamjene

HZN/TU I2, Strojarstvo 2

HRN EN 746-3:2009 en
Oprema za toplinske postupke u industriji – 3. dio: Sigurnosni zahtjevi za proizvodnju i upotrebu atmosferskih plinova (EN 746-3:1997+A1:2009)
Industrial thermoprocessing equipment – Part 3: Safety requirements for the generation and use of atmosphere gases (EN 746-3:1997+A1:2009)
- zamijenjena s: HRN EN 746-3:2022

HRN EN 12418:2009 en
Strojevi za rezanje kamena i elemenata za zidanje na gradilištu – Sigurnost (EN 12418:2000+A1:2009)
Masonry and stone cutting-off machines for job site – Safety (EN 12418:2000+A1:2009)
- zamijenjena s: HRN EN 12418:2022

HRN EN 13862:2009 en
Strojevi za rezanje podova – Sigurnost (EN 13862:2001+A1:2009)
Floor cutting-off machines – Safety (EN 13862:2001+A1:2009)
- zamijenjena s: HRN EN 13862:2022

HRN EN 16228-1:2014 en
Oprema za bušenje i izradu temelja – Sigurnost – 1. dio: Opći zahtjevi (EN 16228-1:2014)
Drilling and foundation equipment – Safety – Part 1: Common requirements (EN 16228-1:2014)
- zamijenjena s: HRN EN 16228-1:2022

HRN EN 16228-2:2014 en
Oprema za bušenje i izradu temelja – Sigurnost – 2. dio: Pokretne bušilice za graditeljstvo i geotehničko inženjerstvo, kamenolome i rudarstvo (EN 16228-2:2014)
Drilling and foundation equipment – Safety – Part 2: Mobile drill rigs for civil and geotechnical engineering, quarrying and mining (EN 16228-2:2014)
- zamijenjena s: HRN EN 16228-2:2022

HRN EN 16228-3:2014 en
Oprema za bušenje i izradu temelja – Sigurnost – 3. dio: Horizontalno usmjerena oprema za bušenje (HDD) (EN 16228-3:2014)
Drilling and foundation equipment – Safety – Part 3: Horizontal directional drilling equipment (HDD) (EN 16228-3:2014)
- zamijenjena s: HRN EN 16228-3:2022

HRN EN 16228-4:2014 en
Oprema za bušenje i izradu temelja – Sigurnost – 4. dio: Oprema za izradu temelja (EN 16228-4:2014)
Drilling and foundation equipment – Safety – Part 4: Foundation equipment (EN 16228-4:2014)
- zamijenjena s: HRN EN 16228-4:2022

HRN EN 16228-5:2014 en
Oprema za bušenje i izradu temelja – Sigurnost – 5. dio: Oprema za membranske zidove (EN 16228-5:2014)
Drilling and foundation equipment – Safety – Part 5: Diaphragm walling equipment (EN 16228-5:2014)
- zamijenjena s: HRN EN 16228-5:2022

HRN EN 16228-6:2014 en
Oprema za bušenje i izradu temelja – Sigurnost – 6. dio: Oprema za mlazno nanošenje i ubrizgavanje (EN 16228-6:2014)
Drilling and foundation equipment – Safety – Part 6: Jetting, grouting and injection equipment (EN 16228-6:2014)
- zamijenjena s: HRN EN 16228-6:2022

HRN EN 16228-7:2014 en
Oprema za bušenje i izradu temelja – Sigurnost – 7. dio: Zamjenjiva pomoćna oprema (EN 16228-7:2014)
Drilling and foundation equipment – Safety – Part 7: Interchangeable auxiliary equipment (EN 16228-7:2014)
- zamijenjena s: HRN EN 16228-7:2022

HRS CEN ISO/TS 80004-3:2017 en
Nanotehnologije – Terminološki rječnik – 3. dio: Ugljikovi nanoobjekti (ISO/TS 80004-3:2010; CEN ISO/TS 80004-3:2014)
Nanotechnologies – Vocabulary – Part 3: Carbon nano-objects (ISO/TS 80004-3:2010; CEN ISO/TS 80004-3:2014)
- zamijenjena s: HRS CEN ISO/TS 80004-3:2022

HRS CEN ISO/TS 80004-6:2017 en
Nanotehnologije – Terminološki rječnik – 6. dio: Karakterizacija nanoobjekata (ISO/TS 80004-6:2013; CEN ISO/TS 80004-6:2015)
Nanotechnologies – Vocabulary – Part 6: Nano-object characterization (ISO/TS 80004-6:2013; CEN ISO/TS 80004-6:2015)
- zamijenjena s: HRS CEN ISO/TS 80004-6:2022

HRS CEN ISO/TS 80004-8:2017 en
Nanotehnologije – Terminološki rječnik – 8. dio: Nanoproizvodni procesi (ISO/TS 80004-8:2013; CEN ISO/TS 80004-8:2015)
Nanotechnologies – Vocabulary – Part 8: Nanomanufacturing processes (ISO/TS 80004-8:2013; CEN ISO/TS 80004-8:2015)
- zamijenjena s: HRS CEN ISO/TS 80004-8:2022

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

HRN EN 2755:2011 en
Nizovi o zrakoplovstvu – Ležajevi, kuglasti klizni sa samopodmazujućim prstenom izrađeni od čelika otpornog na koroziju – Visoko opterećeni pri temperaturi okoline – Tehničke specifikacije (EN 2755:2009)
Aerospace series – Bearings, spherical plain in corrosion resisting steel with self-lubricating liner – Elevated load at ambient temperature – Technical specification (EN 2755:2009)
- zamijenjena s: HRN EN 2755:2022

HRN EN 2854-002:2011 en
Nizovi o zrakoplovstvu – Kabeli, električni za opću uporabu – Poprečni presjek je jednak ili veći od 9 mm – Radna temperatura između – 55 °C i 260 °C – 002. dio: Općenito (EN 2854-002:2009)
Aerospace series – Cables, electrical for general purpose – Cross sections equal to and greater than 9 mm² – Operating temperatures between – 55 °C and 260 °C – Part 002: General (EN 2854-002:2009)
- zamijenjena s: HRN EN 2854-002:2022

HRN EN 4179:2017 en
Zrakoplovstvo – Kvalifikacije i dopuštenje za rad djelatnika u poslovima nerazornog ispitivanja (EN 4179:2017)
Aerospace series – Qualification and approval of personnel for non-destructive testing (EN 4179:2017)
- zamijenjena s: HRN EN 4179:2022

HRN EN 16602-30-11:2014 en
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Projektiranje s povećanom radnom sigurnošću dijelova – EEE dijelovi (EN 16602-30-11:2014)
Space product assurance – Derating – EEE components (EN 16602-30-11:2014)
- zamijenjena s: HRN EN 16602-30-11:2022

HRN EN 16603-32-01:2014 en
Svemirsko inženjerstvo – Kontrola lomova (EN 16603-32-01:2014)
Space engineering – Fracture control (EN 16603-32-01:2014)
- zamijenjena s: HRN EN 16603-32-01:2022

HZN/TU U1, Opća elektrotehnika 1

HRN IEC 60282-3:2002 en
Visokonaponski osigurači – 3. dio: Određivanje faktora snage kratkog spoja kod ispitivanja osigurača za ograničenje struje, ispušnih i sličnih osigurača (IEC 60282-3:1976)
High-voltage fuses – Part 3: Determination of short-circuit power factor for testing current-limiting fuses and expulsion and similar fuses (IEC 60282-3:1976)
- bez zamjene

HRN IEC 60291:2002 en
Definicije za osigurače (IEC 60291:1969)
Fuse definitions (IEC 60291:1969)
- bez zamjene

HRN IEC 60291A:2002 en
Prvi dodatak publikaciji IEC 60291:1969 (IEC 60291A:1975)
First supplement Publication IEC 60291:1969 (IEC 60291A:1975)
- bez zamjene

HRN IEC 60787:2002 en
Uputa za odabir rastalnih uložaka visokonaponskih osigurača za primjenu u transformatorskom krugu (IEC 60787:1983+A1:1985)
Application guide for the selection of fuse-links of high-voltage fuses for transformer circuit application (IEC 60787:1983+A1:1985)
- bez zamjene

HRN IEC 60865-2:2004 en
Struje kratkog spoja – Proračun učinaka – 2. dio: Primjeri proračuna (IEC 60865-2:1994)
Short-circuit currents – Calculation of effects – Part 2: Examples of calculation (IEC 60865-2:1994)
- bez zamjene

HRN IEC/TR3 60909-2:2004 en
Električna oprema – Podatci za proračun struja kratkog spoja prema IEC 60909:1988 (IEC/TR3 60909-2:1992)
Electrical equipment – Data for short-circuit current calculations in accordance with IEC 60909:1988 (IEC/TR3 60909-2:1992)
- bez zamjene

HRN IEC/TR 60909-4:2004 en
Struje kratkog spoja u trofaznim izmjeničnim sustavima – 4. dio: Primjeri proračuna struja kratkog spoja (IEC/TR 60909-4:2000)
Short-circuit currents in three-phase a.c. systems – Part 4: Examples for the calculation of short-circuit currents (IEC/TR 60909-4:2000)
- bez zamjene

HRN IEC/TR3 61459:2002 en
Niskonaponski osigurači – Usklađivanje između osigurača i sklopnika/pokretača motora – Uputa za primjenu (IEC/TR3 61459:1996)
Low-voltage fuses – Coordination between fuses and contactors/motor-starters – Application guide (IEC/TR3 61459:1996)
- zamijenjena s: HRI CLC/TR 60269-5:2013

HZN/TU V1, Elektronika 1

HRN IEC/TR 61010-3-010:2000 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-010: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-010 – Posebni zahtjevi za laboratorijsku opremu za grijanje tvari (IEC/TR 61010-3-010:1999)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-010: Conformity verification report for IEC 61010-2-010 – Particular requirements for laboratory equipment for the heating of materials (IEC/TR 61010-3-010:1999)
- bez zamjene

HRN IEC/TR 61010-3-020:2000 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-020: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-020:1992 – Posebni zahtjevi za laboratorijske centrifuge (IEC/TR 61010-3-020:1999)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-020: Conformity verification report for IEC 61010-2-020:1992 – Particular requirements for laboratory centrifuges (IEC/TR 61010-3-020:1999)
- bez zamjene

HRN IEC/TR3 61010-3-031:2004 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-031: Izvješće o potvrđivanju sukladnosti za IEC 61010-031:2002 – Sigurnosni zahtjevi za ručne sonde za električna mjerenja i ispitivanja (IEC/TR3 61010-3-031:2003)
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 3-031: Conformity verification report for IEC 61010-031:2002 – Safety requirements for hand-held probe assemblies for electrical test and measurement (IEC/TR3 61010-3-031:2003)
- bez zamjene

HRN IEC/TR 61010-3-032:2000 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-032: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-032:1994 – Posebni zahtjevi za ručna strujna kliješta za električna mjerenja i ispitivanja (IEC/TR 61010-3-032:2000)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-032: Conformity verification report for IEC 61010-2-032:1994 – Particular requirements for hand-held current clamps for electrical measurement and testing (IEC/TR 61010-3-032:2000)
- bez zamjene

HRN IEC/TR 61010-3-041:2000 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-041: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-041:1995 – Posebni zahtjevi za autoklave koji koriste vodenu paru za obrađivanje medicinskih tvari i za laboratorijske procese (IEC/TR 61010-3-041:1999)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-041: Conformity verification report for IEC 61010-2-041:1995 – Particular requirements for autoclaves using steam for the treatment of medical materials, and for laboratory processes (IEC/TR 61010-3-041:1999)
- bez zamjene

HRN IEC/TR 61010-3-042:2000 en
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-042: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-042:1997 – Posebni zahtjevi za autoklave i sterilizatore koji koriste otrovni plin za obrađivanje medicinskih tvari i za laboratorijske procese (IEC/TR 61010-3-042:1999)
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-042: Conformity verification report for IEC 61010-2-042:1997 – Particular requirements for autoclaves and sterilizers using toxic gas for the treatment of medical materials, and for laboratory processes (IEC/TR 61010-3-042:1999)
- bez zamjene

HRN IEC/TR 61010-3-043:2001 en

Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-043: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-043:1997 – Posebni zahtjevi za sterilizatore koji upotrebljavaju suhi vrući zrak ili vrući inertni plin za obrađivanje medicinskih tvari i za laboratorijske procese (IEC/TR 61010-3-043:2001)

Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-043: Conformity verification report for IEC 61010-2-043:1997 – Particular requirements for dry heat sterilizers using either hot air or hot inert gas for treatment of medical materials and for laboratory processes (IEC/TR 61010-3-043:2001)
- bez zamjene

HRN IEC/TR3 61010-3-045:2004 en

Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-045: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-045:2000 – Posebni zahtjevi za perlice za raskušivanje koje se koriste u medicini, ljekarništvu, veterini i laboratorijima (IEC/TR3 61010-3-045:2003)

Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 3-045: Conformity verification report for IEC 61010-2-045:2000 – Particular requirements for washer disinfectors used in medical, pharmaceutical, veterinary and laboratory fields (IEC/TR3 61010-3-045:2003)
- bez zamjene

HRN IEC/TR3 61010-3-081:2004 en

Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-081: Izvješće o potvrđivanju sukladnosti za IEC 61010-2-081:2001 – Posebni zahtjevi za automatsku i poluautomatsku laboratorijsku opremu za analize i druge namjene (IEC/TR3 61010-3-081:2003)

Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 3-081: Conformity verification report for IEC 61010-2-081:2001 – Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes (IEC/TR3 61010-3-081:2003)
- bez zamjene

HRN IEC/TR3 61010-3-1:2004 en

Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 3-1: Izvješće o potvrđivanju sukladnosti za IEC 61010-1:2001 – Opći zahtjevi (IEC/TR3 61010-3-1:2003)

Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3-1: Conformity verification report for IEC 61010-1:2001 – General requirements (IEC/TR3 61010-3-1:2003)
- bez zamjene

HRN IEC/TR3 61010-3:2004 en

Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – 3. dio: Protokol za pripremu izvješća o potvrđivanju sukladnosti za drugo izdanje niza IEC 61010 (IEC/TR3 61010-3:2003)

Safety requirements for electrical equipment for measurement, control and laboratory use – Part 3: Protocol for the preparation of conformity verification reports for the IEC 61010 2nd edition series (IEC/TR3 61010-3:2003)
- bez zamjene

HRN IEC 62272-1:2008 en

DRM – 1. dio: Specifikacija sustava (IEC 62272-1:2003)
Digital Radio Mondiale (DRM) – Part 1: System specification (IEC 62272-1:2003)

- bez zamjene

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.

TO 8, *Brodogradnja*

- **umjesto**

HRN EN ISO 16315:2016
Mala plovila – Električni propulzijski sustav (ISO 16315:2016; EN ISO 16315:2016)
EN ISO 16315:2016
Small craft – Electric propulsion system (ISO 16315:2016; EN ISO 16315:2016)

- **treba biti**

HRN EN ISO 16315:2016
Mala plovila – Električni propulzijski sustav (ISO 16315:2016, **ispravljena verzija 2021-11**; EN ISO 16315:2016)
Small craft – Electric propulsion system (ISO 16315:2016, **Corrected version 2021-11**; EN ISO 16315:2016)

HZN/TO 560, *Tekstilni proizvodi*

- **umjesto**

HRN EN ISO 4674-2:2021
Plošni tekstil naslojen gumom ili plastikom – Određivanje otpornosti na daljnje trganje – 2. dio: Metoda s padajućim klatnom (ISO 4674-2:2021; EN ISO 4674-2:2021)
Rubber- or plastics-coated fabrics – Determination of tear resistance – Part 2: Ballistic pendulum method (ISO 4674-2:2021; EN ISO 4674-2:2021)

- **treba biti**

HRN EN ISO 4674-2:2021
Plošni tekstil naslojen gumom ili plastikom – Određivanje otpornosti na daljnje trganje – 2. dio: Metoda s padajućim klatnom (ISO 4674-2:2021, **ispravljena verzija 2021-11**; EN ISO 4674-2:2021)
Rubber- or plastics-coated fabrics – Determination of tear resistance – Part 2: Ballistic pendulum method (ISO 4674-2:2021, **Corrected version 2021-11**; EN ISO 4674-2:2021)

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

- **umjesto**

HRN EN 15567-1:2020
Objekti za sport i rekreaciju – Adrenalinski parkovi – 1. dio: Izvedba i sigurnosni zahtjevi (EN 15567-1:2015+A1:2020)
Sports and recreational facilities – Ropes courses – Part 1: Construction and safety requirements (EN 15567-1:2015+A1:2020)

- **treba biti**

HRN EN 15567-1:2020
Gradevine za sport i rekreaciju – Adrenalinski parkovi – 1. dio: Izvedba i sigurnosni zahtjevi (EN 15567-1:2015+A1:2020)
Sports and recreational facilities – Ropes courses – Part 1: Construction and safety requirements (EN 15567-1:2015+A1:2020)

- **umjesto**

HRN EN 15567-2:2015
Objekti za sport i rekreaciju – Adrenalinski parkovi – 2. dio: Zahtjevi za upravljanje (EN 15567-2:2015)
Sports and recreational facilities – Ropes courses – Part 2: Operation requirements (EN 15567-2:2015)

- **treba biti**

HRN EN 15567-2:2015
Gradevine za sport i rekreaciju – Adrenalinski parkovi – 2. dio: Zahtjevi za upravljanje (EN 15567-2:2015)
Sports and recreational facilities – Ropes courses – Part 2: Operation requirements (EN 15567-2:2015)

HZN/TO E56, Pouzdanost

- **umjesto**

HRN EN 61709:2017
Električne komponente – Pouzdanost – Referentni uvjeti za učestalosti kvara i modele napreznja (IEC 61709:2017; EN 61709:2017)
Electric components – Reliability – Reference conditions for failure rates and stress models for conversion (IEC 61709:2017; EN 61709:2017)

- **treba biti**

HRN EN 61709:2017
Električne komponente – Pouzdanost – Referentni uvjeti za učestalost kvarova i modeli napreznja za pretvorbu (IEC 61709:2017; EN 61709:2017)
Electric components – Reliability – Reference conditions for failure rates and stress models for conversion (IEC 61709:2017; EN 61709:2017)

HZN/TO E70, Stupnjevi zaštite kućištem

- **umjesto**

HRN EN 62262:2008
Stupnjevi zaštite za električnu opremu osigurani kućištima od vanjskih mehaničkih udara (IK **code**) (IEC 62262:2002; EN 62262:2002)
Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) (IEC 62262:2002; EN 62262:2002)

- **treba biti**

HRN EN 62262:2008
Stupnjevi zaštite za električnu opremu osigurani kućištima od vanjskih mehaničkih udara (IK **kod**) (IEC 62262:2002; EN 62262:2002)
Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) (IEC 62262:2002; EN 62262:2002)

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

- **umjesto**

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

- **treba biti**

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

HZN/TU U1, Opća elektrotehnika 1

- **umjesto**

HRN IEC/TR3 60943:2002
Smjernica za prosudbu dopuštenog zagrijavanja dijelova električne opreme, posebno za stezaljke (IEC/TR3 60943:1998)
Guidance concerning the permissible temperature rise for parts of electrical equipment, in particular for terminals (IEC/TR3 60943:1998)

- **treba biti**

HRN IEC/TR 60943:2002
Smjernica za prosudbu dopuštenog zagrijavanja dijelova električne opreme, posebno za stezaljke (IEC/TR 60943:1998)
Guidance concerning the permissible temperature rise for parts of electrical equipment, in particular for terminals (IEC/TR 60943:1998)

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/ TO 525, Hidroizolacijski materijali i proizvodi za pokrivanje krovova

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

HRN EN 15057:2008 en pr
Valovite ploče od cementa ojačanog vlaknima – Metoda ispitivanja otpornosti na udar (EN 15057:2006)
Fibre cement profiled sheets – Impact resistance test method (EN 15057:2006)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 207, Upravljanje okolišem

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

HRN EN ISO 14024:2018 hr-en pr-pp
Znakovi i izvještaji o zaštiti okoliša – Označavanje znakovima zaštite okoliša tipa I – Načela i postupci (ISO 14024:2018; EN ISO 14024:2018)
Environmental labels and declarations – Type I environmental labelling – Principles and procedures (ISO 14024:2018; EN ISO 14024:2018)

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

Sljedeće hrvatske norme objavljene na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN 61557-16:2015 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjernje struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 16. dio: Oprema za ispitivanje učinkovitosti zaštitnih mjera električne opreme i/ili medicinske električne opreme (IEC 61557-16:2014; EN 61557-16:2015)
Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment (IEC 61557-16:2014; EN 61557-16:2015)

HRN EN 61557-11:2009 hr-en pr-pp
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjernje struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 11. dio: Učinkovitost monitora diferencijalne struje (RCMs) tipa A i tipa B u TT, TN i IT sustavima (IEC 61557-11:2009; EN 61557-11:2009)
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 11: Effectiveness of residual current monitors (RCMs) type A and type B in TT, TN and IT systems (IEC 61557-11:2009; EN 61557-11:2009)

2 Rezultati mednarodne i evropske normizacije

Evropska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 246	Sanitary tapware – General specifications for aerators	91.140.70	2021-11
EN 892+A2	Mountaineering equipment – Dynamic mountaineering ropes – Safety requirements and test methods	97.220.40	2021-11
EN 1004-2	Mobile access and working towers made of prefabricated elements – Part 2: Rules and guidelines for the preparation of an instruction manual	91.220	2021-11
EN 1034-4	Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 4: Pulpers and their loading facilities	85.100	2021-11
EN 2755	Aerospace series – Bearing, spherical, plain in corrosion resisting steel with self-lubricating liner – Elevated load at ambient temperature – Technical specification	49.035	2021-11
EN 12385-5/AC	Steel wire ropes – Safety – Part 5: Stranded ropes for lifts	77.140.65	2021-11
EN 12697-48	Bituminous mixtures – Test methods – Part 48: Interlayer Bonding	93.080.20	2021-11
EN 12732	Gas infrastructure – Welding steel pipework – Functional requirements	25.160.40	2021-11
EN 12873-4	Influence of materials on water intended for human consumption – Influence due to migration – Part 4: Test method for water treatment membranes	13.060.20; 67.250	2021-11
EN 13032-3	Light and lighting – Measurement and presentation of photometric data of lamps and luminaires – Part 3: Presentation of data for emergency lighting of workplaces	17.180.20; 91.160.10	2021-11
EN 13286-1	Unbound and hydraulically bound mixtures – Part 1: Test methods for laboratory reference density and water content – Introduction, general requirements and sampling	93.080.20	2021-11
EN 13286-4	Unbound and hydraulically bound mixtures – Part 4: Test methods for laboratory reference density and water content – Vibrating hammer	93.080.20	2021-11
EN 13286-41	Unbound and hydraulically bound mixtures – Part 41: Test method for the determination of the compressive strength of hydraulically bound mixtures	93.080.20	2021-11
EN 13286-47	Unbound and hydraulically bound mixtures – Part 47: Test method for the determination of California bearing ratio, immediate bearing index and linear swelling	93.080.20	2021-11
CEN/TS 13598-3	Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 3: Assessment of conformity	23.040.05; 93.030	2021-11
EN 13624	Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area – Test method and requirements (phase 2, step 1)	11.080.20	2021-11
EN 13760	LPG equipment and accessories – Automotive LPG filling system for light and heavy duty vehicles – Nozzle, test requirements and dimensions	43.060.40; 75.200	2021-11
EN 13870+A1	Food processing machinery – Portion cutting machines – Safety and hygiene requirements	67.260	2021-11
CEN/TS 14237	Textiles for healthcare and social services facilities	11.140; 59.080.30	2021-11
EN 14322	Wood-based panels – Melamine faced boards for interior uses – Definition, requirements and classification	79.060.20	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN 14323	Wood-based panels – Melamine faced boards for interior uses – Test methods	79.060.20	2021-11
EN 14373	Explosion suppression systems	13.230	2021-11
EN 14459	Safety and control devices for burners and appliances burning gaseous or liquid fuels – Control functions in electronic systems – Methods for classification and assessment	91.140.40; 97.100.20	2021-11
EN 14735	Characterization of waste – Preparation of waste samples for ecotoxicity tests	13.030.01	2021-11
EN 14854	Glass packaging – Dimensions of neck finishes for aerosol and spray glass containers	55.130	2021-11
EN 15491	Ethanol as a blending component for petrol – Determination of total acidity – Colour indicator titration method	75.160.20	2021-11
EN 15502-1	Gas-fired heating boilers – Part 1: General requirements and tests	27.060.30; 91.140.10	2021-11
EN 15784	Animal feeding stuffs: Methods of sampling and analysis – Detection and enumeration of Bacillus spp. used as feed additive	65.120	2021-11
EN 15786	Animal feeding stuffs: Methods of sampling and analysis – Detection and enumeration of Pediococcus spp. used as feed additive	65.120	2021-11
EN 15787	Animal feeding stuffs: Methods of sampling and analysis – Detection and enumeration of Lactobacillus spp. used as feed additive	65.120	2021-11
EN 15788	Animal feeding stuffs: Methods of sampling and analysis – Detection and enumeration of Enterococcus (E. faecium) spp. used as feed additive	65.120	2021-11
EN 15789	Animal feeding stuffs: Methods of sampling and analysis – Detection and enumeration of Saccharomyces cerevisiae used as feed additive	65.120	2021-11
EN 15942	Sustainability of construction works – Environmental product declarations – Communication format business-to-business	91.010.99; 91.040.01	2021-11
EN 16285	Packaging – Flexible aluminium tubes – Test method to measure the deformation of the aluminium tube body (Guillotine test)	55.120	2021-11
EN 16432-3	Railway applications – Ballastless track systems – Part 3: Acceptance	93.100	2021-11
EN 16867+A1	Building hardware – Mechatronic door furniture – Requirements and test methods	91.190	2021-11
EN 17003	Road vehicles – Roller brake testers for vehicles of more than 3,5 tons GVW – Safety requirements	43.180	2021-11
EN 17371-2	Provision of services – Part 2: Services contracts – Guidance for the design, content and structure of contracts	03.080.01	2021-11
EN 17479	Hearing protectors – Guidance on selection of individual fit testing methods	13.340.20	2021-11
CEN/TS 17500	Quality of care and support for older persons	11.020.10	2021-11
EN 17520	Mountaineering equipment – Personal belay lanyards – Safety requirements and test methods	97.220.40	2021-11
EN 17545	Paper and board – Determination of composition of paper and board for recycling by gravimetric analysis	85.060	2021-11
EN 17547	Animal feeding stuffs: Methods of sampling and analysis – Determination of vitamin A, E and D content – Method using solid phase extraction (SPE) clean-up and high-performance liquid chromatography (HPLC)	65.120	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17618	Adhesives – Wood-to-wood adhesive bonds for non-structural applications – Determination of shear strength by compressive loading	83.180	2021-11
EN 17619	Classification of wood adhesives for non-structural timber products for exterior use	83.180	2021-11
CEN/TS 17659	Design guideline for mechanically fastened roof waterproofing systems	91.100.50	2021-11
CEN/TS 17661	Personal identification – European enrolment guide for biometric ID documents (EEG)	35.240.15	2021-11
CEN/TR 17695	Safety of toys – Mechanical and physical properties – Guidance on categorisation of projectile toys within EN 71-1	97.200.50	2021-11
CWA 17819	Guidelines for the assessment of resilience of transport infrastructure to potentially disruptive events	03.220.01; 13.200	2021-11
CEN/TS 19100-1	Design of glass structures – Part 1: Basis of design and materials	91.080.99	2021-11
CEN/TS 19100-2	Design of glass structures – Part 2: Design of out-of-plane loaded glass components	91.080.99	2021-11
CEN/TS 19100-3	Design of glass structures – Part 3: Design of in-plane loaded glass components and their mechanical joints	91.080.99	2021-11
CEN/TS 19103	Eurocode 5: Design of Timber Structures – Structural design of timber-concrete composite structures – Common rules and rules for buildings	91.010.30; 91.080.40	2021-11
EN ISO 2076	Textiles – Man-made fibres – Generic names (ISO 2076:2021)	01.040.59; 59.060.20	2021-11
EN ISO 4254-6/A11	Agricultural machinery – Safety – Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2020)	65.060.40	2021-11
EN ISO 4307	Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for saliva – Isolated human DNA (ISO 4307:2021)	11.100.10	2021-11
EN ISO 4524-3	Metallic coatings – Test methods for electrodeposited gold and gold alloy coatings – Part 3: Electrographic tests for porosity (ISO 4524-3:2021)	25.220.40	2021-11
EN ISO 7711-1	Dentistry – Diamond rotary instruments – Part 1: General requirements (ISO 7711-1:2021)	11.060.20	2021-11
EN ISO 10286	Gas cylinders – Vocabulary (ISO 10286:2021)	01.040.23; 23.020.35	2021-11
EN ISO 10535	Assistive products – Hoists for the transfer of persons – Requirements and test methods (ISO 10535:2021)	11.180.10	2021-11
EN ISO 10591	Building and civil engineering sealants – Determination of adhesion/cohesion properties of sealants after immersion in water (ISO 10591:2021)	91.100.50	2021-11
EN ISO 11114-2	Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 2: Non-metallic materials (ISO 11114-2:2021)	23.020.35	2021-11
EN ISO 11439/A1	Gas cylinders – High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles – Amendment 1 (ISO 11439:2013/Amd 1:2021)	23.020.35; 43.060.40	2021-11
EN ISO 11592-2	Small craft – Determination of maximum propulsion power rating using manoeuvring speed – Part 2: Craft with a length of hull between 8 m and 24 m (ISO 11592-2:2021)	47.080	2021-11
EN ISO 11680-1	Machinery for forestry – Safety requirements and testing for pole-mounted powered pruners – Part 1: Machines fitted with an integral combustion engine (ISO 11680-1:2021)	65.060.80	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 11680-2	Machinery for forestry – Safety requirements and testing for pole-mounted powered pruners – Part 2: Machines for use with backpack power source (ISO 11680-2:2021)	65.060.80	2021-11
EN ISO 12571	Hygrothermal performance of building materials and products – Determination of hygroscopic sorption properties (ISO 12571:2021)	91.100.01	2021-11
EN ISO 16190	Footwear – Critical substances potentially present in footwear and footwear components – Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAHs) in footwear materials (ISO 16190:2021)	61.060	2021-11
EN ISO 16266-2	Water quality – Detection and enumeration of Pseudomonas aeruginosa – Part 2: Most probable number method (ISO 16266-2:2018)	13.060.70	2021-11
CEN ISO/TS 16775	Packaging for terminally sterilized medical devices – Guidance on the application of ISO 11607-1 and ISO 11607-2 (ISO/TS 16775:2021)	11.080.30	2021-11
EN ISO 19085-2	Woodworking machines – Safety – Part 2: Horizontal beam panel circular sawing machines (ISO 19085-2:2021)	13.110; 79.120.10	2021-11
EN ISO 19085-14	Woodworking machines – Safety – Part 14: Four-sided moulding machines (ISO 19085-14:2021)	13.110; 79.120.10	2021-11
EN ISO 19085-15	Woodworking machines – Safety – Part 15: Presses (ISO 19085-15:2021)	13.110; 79.120.10	2021-11
EN ISO 19085-16	Woodworking machines – Safety – Part 16: Table band saws and band re-saws (ISO 19085-16:2021)	79.120.10	2021-11
EN ISO 20236	Water quality – Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion (ISO 20236:2018)	13.060.50	2021-11
EN ISO 20344	Personal protective equipment – Test methods for footwear (ISO 20344:2021)	13.340.50	2021-11
EN ISO 20932-1/A1	Textiles – Determination of the elasticity of fabrics – Part 1: Strip tests – Amendment 1 (ISO 20932-1:2018/Amd 1:2021)	59.080.30	2021-11
CEN ISO/TS 21596	Solid biofuels – Determination of grindability – Hardgrove type method for thermally treated biomass fuels (ISO/TS 21596:2021)	75.160.40	2021-11
EN ISO 21922	Refrigerating systems and heat pumps – Valves – Requirements, testing and marking (ISO 21922:2021)	27.080; 27.200	2021-11
EN ISO 22403	Plastics – Assessment of the intrinsic biodegradability of materials exposed to marine inocula under mesophilic aerobic laboratory conditions – Test methods and requirements (ISO 22403:2020)	13.020.40; 83.080.01	2021-11
EN ISO 22404	Plastics – Determination of the aerobic biodegradation of non-floating materials exposed to marine sediment – Method by analysis of evolved carbon dioxide (ISO 22404:2019)	83.080.01	2021-11
EN ISO 22526-1	Plastics – Carbon and environmental footprint of biobased plastics – Part 1: General principles (ISO 22526-1:2020)	13.020.40; 83.080.01	2021-11
EN ISO 22526-2	Plastics – Carbon and environmental footprint of biobased plastics – Part 2: Material carbon footprint, amount (mass) of CO ₂ removed from the air and incorporated into polymer molecule (ISO 22526-2:2020)	13.020.40; 83.080.01	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 22526-3	Plastics – Carbon and environmental footprint of biobased plastics – Part 3: Process carbon footprint, requirements and guidelines for quantification (ISO 22526-3:2020)	13.020.40; 83.080.01	2021-11
EN ISO 22553-13	Paints and varnishes – Electro-deposition coatings – Part 13: Determination of re-solving behaviour (ISO 22553-13:2021)	87.040	2021-11
EN ISO 22553-14	Paints and varnishes – Electro-deposition coatings – Part 14: Deposition behaviour (ISO 22553-14:2021)	87.040	2021-11
EN ISO 22766	Plastics – Determination of the degree of disintegration of plastic materials in marine habitats under real field conditions (ISO 22766:2020)	83.080.01	2021-11
EN ISO 23977-1	Plastics – Determination of the aerobic biodegradation of plastic materials exposed to seawater – Part 1: Method by analysis of evolved carbon dioxide (ISO 23977-1:2020)	83.080.01	2021-11
EN ISO 23977-2	Plastics – Determination of the aerobic biodegradation of plastic materials exposed to seawater – Part 2: Method by measuring the oxygen demand in closed respirometer (ISO 23977-2:2020)	83.080.01	2021-11
EN ISO 23999	Resilient floor coverings – Determination of dimensional stability and curling after exposure to heat (ISO 23999:2021)	97.150	2021-11

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50411-2-4	Fibre management systems and protective housings to be used in optical fibre communication systems – Product specifications – Part 2-4: Sealed dome fibre splice closures for category S & A	33.180.20	2021-11
EN 50689	Safety of laser products – Particular Requirements for Consumer Laser Products	13.280; 31.260	2021-11
EN IEC 60086-5	Primary batteries – Part 5: Safety of batteries with aqueous electrolyte (IEC 60086-5:2021)	29.220.10	2021-11
EN IEC 60238/A11	Edison screw lampholders	29.140.10	2021-11
EN 60335-2-27/AC	Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation (IEC 60335-2-27:2009, modified)	97.170	2021-11
EN IEC 60335-2-84	Household and similar electrical appliances – Safety – Part 2-84: Particular requirements for toilet appliances (IEC 60335-2-84:2019)	91.140.70	2021-11
EN IEC 60335-2-84/A11	Household and similar electrical appliances – Safety – Part 2-84: Particular requirements for toilet appliances	91.140.70	2021-11
EN IEC 60335-2-90/A1	Household and similar electrical appliances – Safety – Part 2-90: Particular requirements for commercial microwave ovens (IEC 60335-2-90:2015/A1:2019)	97.040.20	2021-11
EN IEC 60335-2-96	Household and similar electrical appliances – Safety – Part 2-96: Particular requirements for flexible sheet heating elements for room heating (IEC 60335-2-96:2019)	13.120; 97.100.10	2021-11
EN IEC 60335-2-96/A11	Household and similar electrical appliances – Safety – Part 2-96: Particular requirements for flexible sheet heating elements for room heating	13.120; 97.100.10	2021-11
EN IEC 60695-2-12	Fire hazard testing – Part 2-12: Glowing/hot-wire based test methods – Glow-wire flammability index (GWFI) test method for materials (IEC 60695-2-12:2021)	13.220.40; 29.020	2021-11
EN IEC 60947-3/AC	Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units (IEC 60947-3:2020/COR1:2021)	29.120.40; 29.130.20	2021-11
EN IEC 60974-8	Arc welding equipment – Part 8: Gas consoles for welding and plasma cutting systems (IEC 60974-8:2021)	25.160.30	2021-11
EN 61000-3-3/A2	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/A2:2021)	33.100.10; 33.100.20	2021-11
EN IEC 61010-2-011	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-011: Particular requirements for refrigerating equipment (IEC 61010-2-011:2019)	19.080; 71.040.20	2021-11
EN IEC 61010-2-011/A11	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-011: Particular requirements for refrigerating equipment	19.080; 71.040.20	2021-11
EN IEC 61010-2-032	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement (IEC 61010-2-032:2019 + COR1:2020)	17.220.20; 19.080	2021-11
EN IEC 61010-2-032/A11	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement	17.220.20; 19.080	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61010-2-033	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-033: Particular requirements for hand-held multimeters for domestic and professional use, capable of measuring mains voltage (IEC 61010-2-033:2019)	17.220.20; 19.080; 71.040.10	2021-11
EN IEC 61010-2-033/A11	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-033: Particular requirements for hand-held multimeters for domestic and professional use, capable of measuring mains voltage	17.220.20; 19.080; 71.040.10	2021-11
EN IEC 61010-2-040	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials (IEC 61010-2-040:2020)	11.080.10; 19.080; 71.040.10	2021-11
EN 61010-031/A1	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement (IEC 61010-031:2015/A1:2018)	19.080	2021-11
EN 61010-031/A11	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement	19.080	2021-11
EN IEC 61347-2-14/A11	Lamp controlgear – Part 2-14: Particular requirements for DC and/or AC supplied electronic controlgear for fluorescent induction lamps	29.140.99	2021-11
EN IEC 61753-101-03	Fibre optic interconnecting devices and passive components performance standard – Part 101-03: Fibre management systems for category OP – Outdoor protected environment (IEC 61753-101-03:2021)	33.180.20	2021-11
EN IEC 61753-131-03	Fibre optic interconnecting devices and passive components – Performance standard – Part 131-03: Single-mode mechanical fibre splice for category OP – Outdoor protected environment (IEC 61753-131-03:2021)	33.180.20	2021-11
EN IEC 61788-22-2	Superconductivity – Part 22-2: Normal state resistance and critical current measurement – High-Tc Josephson junction (IEC 61788-22-2:2021)	29.050	2021-11
EN IEC 61850-7-420	Communication networks and systems for power utility automation – Part 7-420: Basic communication structure – Distributed energy resources and distribution automation logical nodes (IEC 61850-7-420:2021)	33.040.40; 33.200	2021-11
EN IEC 61954	Static VAR compensators (SVC) – Testing of thyristor valves (IEC 61954:2021)	29.240.99; 31.080.20	2021-11
EN IEC 62031/A11	LED modules for general lighting – Safety specifications	29.140.99; 31.080.99	2021-11
EN 62044-3/AC	Cores made of soft magnetic materials – Measuring methods – Part 3: Magnetic properties at high excitation level (IEC 62044-3:2000/COR1:2021)	17.220.20; 29.030; 29.100.10	2021-11
EN 62271-1/A1	High-voltage switchgear and controlgear – Part 1: Common specifications for alternating current switchgear and controlgear (IEC 62271-1:2017/AMD1:2021)	29.130.10; 29.130.99	2021-11
EN IEC 62271-101/AC	High-voltage switchgear and controlgear – Part 101: Synthetic testing (IEC 62271-101:2021/COR1:2021)	29.130.10	2021-11
EN IEC 62868-1	Organic light emitting diode (OLED) Light sources for general lighting – Safety – Part 1: General requirements and tests (IEC 62868-1:2020)	29.140.99; 31.260	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62868-2-1	Organic light emitting diode (OLED) light sources for general lighting – Safety – Part 2-1: Particular requirements – semi-integrated OLED modules (IEC 62868-2-1:2020)	29.140.99; 31.260	2021-11
EN IEC 62868-2-2	Organic light emitting diode (OLED) light sources for general lighting – Safety – Part 2-2: Particular requirements – Integrated OLED modules (IEC 62868-2-2:2020)	29.140.99; 31.260	2021-11
EN IEC 62868-2-3	Organic light emitting diode (OLED) light sources for general lighting – Safety – Part 2-3: Particular requirements – Flexible OLED tiles and panels (IEC 62868-2-3:2021)	29.140.99; 31.260	2021-11
EN IEC 63159-1	Household electric instantaneous water heaters – Methods for measuring the performance – Part 1: General aspects (IEC 63159-1:2021)	91.140.65	2021-11
EN IEC 63159-2-1	Household electric instantaneous water heaters – Methods for measuring the performance – Part 2-1: Multifunctional electric instantaneous water heaters (IEC 63159-2-1:2021)	91.140.65	2021-11
EN IEC 63159-2-2	Household electric instantaneous water heaters – Methods for measuring the performance – Part 2-2: Efficiency of single point of use electric instantaneous water heaters (IEC 63159-2-2:2021)	91.140.65	2021-11

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI SR 000314 V 2.30.1	Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards	01.120; 03.140; 33.020	2021-11
ETSI TS 102240 V 17.0.0	Smart Cards – UICC Application Programming Interface and Loader Requirements – Service description (Release 17)	35.240.15	2021-11
ETSI TS 102412 V 17.0.0	Smart Cards – Smart Card Platform Requirements Stage 1 (Release 17)	35.240.15	2021-11
ETSI TS 103141 V 2.1.1	Intelligent Transport Systems (ITS) – Facilities layer – Communication congestion control – Release 2	35.240.60	2021-11
ETSI TS 103191-1 V 1.3.1	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for Facilities layer protocols and communication requirements for infrastructure services – Part 1: Test requirements and Protocol Implementation Conformance Statement (PICS) pro forma	35.240.60	2021-11
ETSI TS 103191-2 V 1.3.1	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for Facilities layer protocols and communication requirements for infrastructure services – Part 2: Test Suite Structure and Test Purposes (TSS & TP)	35.240.60	2021-11
ETSI TS 103191-3 V 1.3.1	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for Facilities layer protocols and communication requirements for infrastructure services – Part 3: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT)	35.240.60	2021-11
ETSI TS 103280 V 2.7.1	Lawful Interception (LI) – Dictionary for common parameters	33.040.35	2021-11
ETSI TS 103553-2 V 1.1.1	Environmental Engineering (EE) – Innovative energy storage technology for stationary use – Part 2: Battery	33.040.01	2021-11
ETSI TR 103692 V 1.1.1	CYBER – State management for stateful authentication mechanisms	33.040.99; 35.030	2021-11
ETSI TS 103696 V 2.1.1	Intelligent Transport Systems (ITS) – Communication Architecture for Multi-Channel Operation (MCO) – Release 2	35.240.60	2021-11
ETSI TR 103727 V 1.1.1	Lawful Interception (LI) – Library and mapping for Lawful Interception (LI) and Lawful Disclosure (LD)	33.040.35	2021-11
ETSI TS 103732 V 1.1.1	CYBER – Consumer Mobile Device Protection Profile	33.040.99; 35.030	2021-11
ETSI TR 103747 V 1.1.1	Core Network and Interoperability Testing (INT/ WG AFI) – Federated GANA Knowledge Planes (KPs) for Multi-Domain Autonomic Management & Control (AMC) of Slices in the NGMN(R) 5G End-to-End Architecture Framework	33.040.99	2021-11
ETSI TS 103756 V 1.1.1	Emergency Communications (EMTEL) – PEMEA Instant Message Extension	33.040.01	2021-11
ETSI TR 103810 V 1.1.1	ETSI Evaluation Group – Final Evaluation Report on DECT-2020 NR	33.060.30	2021-11
ETSI TR 118567 V 4.0.0	oneM2M: Study on Management Object migration to SDT (oneM2M TR-0067 version 4.0.0)	33.200	2021-11
ETSI TS 133501 V 15.14.1	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.14.1 Release 15)	33.070.50	2021-11
ETSI TS 136101 V 10.31.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.31.0 Release 10)	33.070.50; 33.070.99	2021-11
ETSI TS 136101 V 11.28.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.28.0 Release 11)	33.070.50; 33.070.99	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136101 V 12.28.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.28.0 Release 12)	33.070.50; 33.070.99	2021-11
ETSI TS 136101 V 13.22.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 13.22.0 Release 13)	33.070.50; 33.070.99	2021-11
ETSI TS 136101 V 14.20.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.20.0 Release 14)	33.070.50; 33.070.99	2021-11
ETSI TS 136101 V 15.16.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.16.0 Release 15)	33.070.50; 33.070.99	2021-11
ETSI TS 136101 V 16.11.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.11.0 Release 16)	33.070.50; 33.070.99	2021-11
ETSI TS 136133 V 13.22.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 13.22.0 Release 13)	33.070.50; 33.070.99	2021-11
ETSI TS 136133 V 14.20.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 14.20.0 Release 14)	33.070.50; 33.070.99	2021-11
ETSI TS 136133 V 15.15.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 15.15.0 Release 15)	33.070.50; 33.070.99	2021-11
ETSI TS 136133 V 16.11.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 16.11.0 Release 16)	33.070.50; 33.070.99	2021-11
ETSI TS 136423 V 16.7.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.7.0 Release 16)	33.070.50	2021-11
ETSI TS 137473 V 16.6.0	LTE – 5G – W1 interface – Application Protocol (W1AP) (3GPP TS 37.473 version 16.6.0 Release 16)	33.070.50	2021-11
ETSI TS 138113 V 15.15.0	5G – NR – Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 15.15.0 Release 15)	33.070.99	2021-11
ETSI TS 138113 V 16.5.0	5G – NR – Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 16.5.0 Release 16)	33.070.99	2021-11
ETSI TS 138124 V 15.7.0	5G – NR – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 38.124 version 15.7.0 Release 15)	33.070.99	2021-11
ETSI TS 138124 V 16.4.0	5G – NR – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 38.124 version 16.4.0 Release 16)	33.070.99	2021-11
ETSI TS 138171 V 15.4.0	5G – NR – Requirements for support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 38.171 version 15.4.0 Release 15)	33.070.99	2021-11
ETSI TS 138171 V 16.2.0	5G – NR – Requirements for support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 38.171 version 16.2.0 Release 16)	33.070.99	2021-11
ETSI TS 138533 V 16.9.0	5G – NR – User Equipment (UE) conformance specification – Radio Resource Management (RRM) (3GPP TS 38.533 version 16.9.0 Release 16)	33.070.99	2021-11
ETSI GS CIM 009 V 1.5.1	Context Information Management (CIM) – NGSI-LD API	35.240.01	2021-11
ETSI GR NFV-IFA 038 V 4.1.1	Network Functions Virtualisation (NFV) Release 4 – Architectural Framework – Report on network connectivity for container-based VNF	35.110	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GR NFV-IFA 042 V 4.1.1	Network Functions Virtualisation (NFV) Release 4 Management and Orchestration – Report on policy information and data models for NFV-MANO	35.110	2021-11
ETSI GR NFV-REL 012 V 1.1.1	Network Functions Virtualisation (NFV) – Reliability – Report on availability and reliability under failure and overload conditions in NFV-MANO	35.110	2021-11
ETSI GS NFV-TST 010 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Testing – API Conformance Testing Specification	35.110	2021-11
EN 300422-1 V 2.2.1	Wireless Microphones – Audio PMSE up to 3 GHz – Part 1: Audio PMSE Equipment up to 3 GHz – Harmonised Standard for access to radio spectrum	33.160.50	2021-11
EN 301489-12 V 3.2.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 12: Specific conditions for Very Small Aperture Terminal, Satellite Interactive Earth Stations operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS) – Harmonised Standard for ElectroMagnetic Compatibility	33.100.10	2021-11
EN 301489-20 V 2.2.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 20: Specific conditions for Mobile Earth Stations (MES) used in the Mobile Satellite Services (MSS) – Harmonised Standard for ElectroMagnetic Compatibility	33.100.10	2021-11
EN 301489-52 V 1.2.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment – Harmonised Standard for ElectroMagnetic Compatibility	33.100.10	2021-11
EN 301908-10 V 4.3.1	IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 10: Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks	33.070.30	2021-11
EN 319102-1 V 1.3.1	Electronic Signatures and Infrastructures (ESI) – Procedures for Creation and Validation of AdES Digital Signatures – Part 1: Creation and Validation	35.240.30	2021-11
EN 319411-2 V 2.4.1	Electronic Signatures and Infrastructures (ESI) – Policy and security requirements for Trust Service Providers issuing certificates – Part 2: Requirements for trust service providers issuing EU qualified certificates	35.240.30	2021-11
EN 319412-4 V 1.2.1	Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 4: Certificate profile for web site certificates	35.240.30	2021-11

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 527-5	Plastics – Determination of tensile properties – Part 5: Test conditions for unidirectional fibre-reinforced plastic composites	83.120	2021-11
ISO 748	Hydrometry – Measurement of liquid flow in open channels – Velocity area methods using point velocity measurements	17.120.20	2021-11
ISO 1014	Coke – Determination of true relative density, apparent relative density and porosity	75.160.10	2021-11
ISO 2076	Textiles – Man-made fibres – Generic names	01.040.59; 59.060.20	2021-11
ISO 3055	Kitchen equipment – Coordinating sizes	97.040.01	2021-11
ISO 4382-1	Plain bearings – Copper alloys – Part 1: Cast copper alloys for solid and multilayer thick-walled plain bearings	21.100.10; 77.120.30	2021-11
ISO 4579	Aerospace – Drives, internal, TORX® PARALOBE® drive – Geometrical definition, gaging and technical requirements	49.030.01	2021-11
ISO 4580	Aerospace – Drives, internal, TORX® PARALOBE® driver bit – Geometrical definition, gaging and technical requirements	49.030.01	2021-11
ISO 4787	Laboratory glass and plastic ware – Volumetric instruments – Methods for testing of capacity and for use	17.060	2021-11
ISO 4914	Financial services – Unique product identifier (UPI)	03.060	2021-11
ISO 5058-1	Biotechnology – Genome editing – Part 1: Vocabulary	01.040.07; 07.080	2021-11
ISO 5093	Essential oil of lemon myrtle (<i>Backhousia citriodora</i> F. Muell.), citral type	71.100.60	2021-11
ISO 5224	Rotorcrafts – Flight dynamics – Vocabulary	01.040.49; 49.020	2021-11
ISO/TR 5602	Sources of error in the use of electrochemical impedance spectroscopy for the investigation of coatings and other materials	87.040	2021-11
ISO 5743	Pliers and nippers – General technical requirements	25.140.30	2021-11
ISO 5746	Pliers and nippers – Engineer's and Lineman's pliers – Dimensions and test values	25.140.30	2021-11
ISO 5832-3	Implants for surgery – Metallic materials – Part 3: Wrought titanium 6-aluminium 4-vanadium alloy	11.040.40	2021-11
ISO 6079	Instant tea in solid form – Specification	67.140.10	2021-11
ISO 6330	Textiles – Domestic washing and drying procedures for textile testing	59.080.01	2021-11
ISO 6344-2	Coated abrasives – Determination and designation of grain size distribution – Part 2: Macrogrit sizes P12 to P220	25.100.70	2021-11
ISO 6344-3	Coated abrasives – Determination and designation of grain size distribution – Part 3: Microgrit sizes P240 to P5000	25.100.70	2021-11
ISO 6368	Petroleum, petrochemical and natural gas industries – Dry gas sealing systems for axial, centrifugal, and rotary screw compressors and expanders	75.180.20	2021-11
ISO 6587	Paper, board and pulps – Determination of conductivity of aqueous extracts	85.040; 85.060	2021-11
ISO 6588-1	Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction	85.040; 85.060	2021-11
ISO 6588-2	Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction	85.040; 85.060	2021-11
ISO 6691	Thermoplastic polymers for plain bearings – Classification and designation	21.100.10; 83.080.20	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 6801	Rubber and plastics hoses – Determination of volumetric expansion	23.040.70	2021-11
ISO 7711-1	Dentistry – Diamond rotary instruments – Part 1: General requirements	11.060.20	2021-11
ISO 8000-110	Data quality – Part 110: Master data: Exchange of characteristic data: Syntax, semantic encoding, and conformance to data specification	25.040.40	2021-11
ISO 8373	Robotics – Vocabulary	01.040.25; 25.040.30	2021-11
ISO 8466-1	Water quality – Calibration and evaluation of analytical methods – Part 1: Linear calibration function	13.060.01	2021-11
ISO 8529-1	Neutron reference radiations fields – Part 1: Characteristics and methods of production	17.240	2021-11
ISO 8976	Pliers and nippers – Multiple slip joint pliers – Dimensions and test values	25.140.30	2021-11
ISO 9241-20	Ergonomics of human-system interaction – Part 20: An ergonomic approach to accessibility within the ISO 9241 series	13.180; 35.180	2021-11
ISO 9343	Pliers and nippers – Slip joint pliers – Dimensions and test values	25.140.30	2021-11
ISO/TS 9516-4	Iron ores – Determination of various elements by X-ray fluorescence spectrometry – Part 4: Performance-based method using fusion preparation method	73.060.10	2021-11
ISO 9680	Dentistry – Operating lights	11.060.20	2021-11
ISO 9809-4	Gas cylinders – Design, construction and testing of refillable seamless steel gas cylinders and tubes – Part 4: Stainless steel cylinders with an Rm value of less than 1100 MPa	23.020.35	2021-11
ISO 10094-1	Pneumatic fluid power – Electro-pneumatic pressure control valves – Part 1: Main characteristics to include in the supplier's literature	23.100.50	2021-11
ISO 10094-2	Pneumatic fluid power – Electro-pneumatic pressure control valves – Part 2: Test methods to determine main characteristics to include in the supplier's literature	23.100.50	2021-11
ISO 10286	Gas cylinders – Vocabulary	01.040.23; 23.020.35	2021-11
ISO/TR 10657	Explanatory notes on ISO 76	21.100.20	2021-11
ISO 10993-10	Biological evaluation of medical devices – Part 10: Tests for skin sensitization	11.100.20	2021-11
ISO 11359-2	Plastics – Thermomechanical analysis (TMA) – Part 2: Determination of coefficient of linear thermal expansion and glass transition temperature	83.080.01	2021-11
ISO/TR 11843-8	Capability of detection – Part 8: Guidance for the implementation of the ISO 11843 series	03.120.30; 17.020	2021-11
ISO 12210	Cranes – Anchoring devices for in-service and out-of-service conditions	53.020.20	2021-11
ISO 12239	Smoke alarms using scattered light, transmitted light or ionization	13.220.20	2021-11
ISO 12571	Hygrothermal performance of building materials and products – Determination of hygroscopic sorption properties	91.100.01	2021-11
ISO 13373-4	Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 4: Diagnostic techniques for gas and steam turbines with fluid-film bearings	17.160	2021-11
ISO/TS 13399-2	Cutting tool data representation and exchange – Part 2: Reference dictionary for the cutting items	25.100.01; 35.240.50	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 13399-3	Cutting tool data representation and exchange – Part 3: Reference dictionary for tool items	25.100.01; 35.240.50	2021-11
ISO/TS 13399-4	Cutting tool data representation and exchange – Part 4: Reference dictionary for adaptive items	25.100.01; 35.240.50	2021-11
ISO/PAS 13473-6	Characterization of pavement texture by use of surface profiles – Part 6: Verification of the performance of laser profilometers used for pavement texture measurements	93.080.20	2021-11
ISO 15222	Truck and bus tyres – Method for measuring relative wet grip performance – Loaded new tyres	83.160.10	2021-11
ISO 15614-13	Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 13: Upset (resistance butt) and flash welding	25.160.10	2021-11
ISO 16189	Footwear – Critical substances potentially present in footwear and footwear components – Test method to quantitatively determine dimethylformamide in footwear materials	61.060	2021-11
ISO 16190	Footwear – Critical substances potentially present in footwear and footwear components – Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAHs) in footwear materials	61.060	2021-11
ISO/TS 16775	Packaging for terminally sterilized medical devices – Guidance on the application of ISO 11607-1 and ISO 11607-2	11.080.30	2021-11
ISO 16840-12	Wheelchair seating – Part 12: Envelopment and immersion characterization of seat cushions using a dual semispherical indenter	11.180.10	2021-11
ISO 17328	Optics and photonics – Optical materials and components – Test method for refractive index of infrared optical materials	37.020	2021-11
ISO 18666	Traditional Chinese medicine – General requirements of moxibustion devices	11.040.99	2021-11
ISO/TS 18683	Guidelines for safety and risk assessment of LNG fuel bunkering operations	75.200	2021-11
ISO 18885-3	TPMS snap-in valves – Part 3: Performances	83.160.01	2021-11
ISO 18947-1	Imaging materials and prints – Abrasion resistance – Part 1: General rub testing methods	37.040.20	2021-11
ISO/TS 18950	Imaging materials – Photographic prints – Effect of light sources on degradation under museum conditions	37.040.20	2021-11
ISO 19085-3	Woodworking machines – Safety – Part 3: Numerically controlled (NC/CNC) boring and routing machines	13.110; 79.120.10	2021-11
ISO 19467-2	Thermal Performance of windows and doors – Determination of solar heat gain coefficient using solar simulator – Part 2: Centre of glazing	91.060.50; 91.120.10	2021-11
ISO 19901-5	Petroleum and natural gas industries – Specific requirements for offshore structures – Part 5: Weight management	75.180.10	2021-11
ISO 20078-1	Road vehicles – Extended vehicle (ExVe) web services – Part 1: Content and definitions	43.040.15	2021-11
ISO 20078-2	Road vehicles – Extended vehicle (ExVe) web services – Part 2: Access	43.040.15	2021-11
ISO 20078-3	Road vehicles – Extended vehicle (ExVe) web services – Part 3: Security	43.040.15	2021-11
ISO 20080 AMD 1	Road vehicles – Information for remote diagnostic support – General requirements, definitions and use cases; Amendment 1	43.180	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 20290-1	Aggregates for concrete – Test methods for mechanical and physical properties – Part 1: Determination of bulk density, particle density, particle mass-per-volume and water absorption	91.100.30	2021-11
ISO 20529-2	Intelligent transport systems – Framework for Green ITS (G-ITS) standards – Part 2: Integrated mobile service applications	03.220.20; 35.240.60	2021-11
ISO 20671-1	Brand evaluation – Part 1: Principles and fundamentals	03.140	2021-11
ISO 20836	Microbiology of the food chain – Polymerase chain reaction (PCR) for the detection of microorganisms – Thermal performance testing of thermal cyclers	07.100.30	2021-11
ISO 21052	Restrained joint systems for ductile iron pipelines – Calculation rules for lengths to be restrained	23.040.10	2021-11
ISO 21061	Footwear – Chemical tests – General principles on the preparation of samples	61.060	2021-11
ISO 21111-6	Road vehicles – In-vehicle Ethernet – Part 6: Electrical 100-Mbit/s physical entity requirements and conformance test plan	43.040.10	2021-11
ISO 21620	Tourism and related services – Heritage hotels – Equipment and service requirements	03.080.30; 03.200.01	2021-11
ISO 21621	Tourism and related services – Traditional restaurants – Visual aspects, decoration and services	03.080.30; 03.200.01	2021-11
ISO 21690	Glass in building – Glass blocks – Specification and test methods	81.040.20	2021-11
ISO/TS 21719-3	Electronic fee collection – Personalization of on-board equipment (OBE) – Part 3: Using integrated circuit(s) cards	03.220.20	2021-11
ISO 21725-1	Simplified design of prestressed concrete bridges – Part 1: I-girder bridges	91.080.40; 93.040	2021-11
ISO 21725-2	Simplified design of prestressed concrete bridges – Part 2: Box-girder bridges	91.080.40; 93.040	2021-11
ISO 22195-4	Textiles – Determination of index ingredient from coloured textile – Part 4: Catechu	59.080.01	2021-11
ISO 22195-5	Textiles – Determination of index ingredient from coloured textile – Part 5: Lac	59.080.01	2021-11
ISO 22195-6	Textiles – Determination of index ingredient from coloured textile – Part 6: Punica granatum	59.080.01	2021-11
ISO/TS 22317	Security and resilience – Business continuity management systems – Guidelines for business impact analysis	03.100.01	2021-11
ISO 22329	Security and resilience – Emergency management – Guidelines for the use of social media in emergencies	03.100.01	2021-11
ISO 22402-1	Medium-transfer units for tool interfaces – Part 1: Transfer units for hollow taper shanks in accordance with the ISO 12164 series	25.060.20	2021-11
ISO/TR 22455	Nanotechnologies – High throughput screening method for nanoparticles toxicity using 3D model cells	07.120	2021-11
ISO 22679	Cardiovascular implants – Transcatheter cardiac occluders	11.040.40	2021-11
ISO 22749-2	Railway applications – Suspension components – Part 2: Approval procedure and quality monitoring for elastomer-mechanical parts	45.060.01	2021-11
ISO 22862	Fertilizers and soil conditioners – Compound fertilizer – General requirements	65.080	2021-11
ISO 22867	Forestry and gardening machinery – Vibration test code for portable hand-held machines with internal combustion engine – Vibration at the handles	13.160; 65.060.80	2021-11

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 23258	Blockchain and distributed ledger technologies – Taxonomy and Ontology	35.030; 35.240.40; 35.240.99	2021-11
ISO 23314-2	Ships and marine technology – Ballast water management systems (BWMS) – Part 2: Risk assessment and risk reduction of BWMS using electrolytic methods	13.110; 47.020.99	2021-11
ISO 23407	Protective gloves against thermal risks (heat and/or fire)	13.340.40	2021-11
ISO 23508	Solution-polymerized SBR – Evaluation methods of viscoelastic properties	83.060	2021-11
ISO 23551-6	Safety and control devices for gas burners and gas-burning appliances – Particular requirements – Part 6: Thermoelectric flame supervision controls	27.060.20	2021-11
ISO 23569	Space systems – Spacecraft system level radio frequency (RF) performance test in compact range	49.140	2021-11
ISO 23769	Furniture – Mattresses – Test methods for the determination of functional characteristics	97.140	2021-11
ISO 23840	Water hydraulics – Water-hydraulic pumps – Methods of testing and representing basic steady-state performance	23.100.10	2021-11
ISO 23961-1	Traditional Chinese medicine – Vocabulary for diagnostics – Part 1: Tongue	01.040.11; 11.040.55	2021-11
ISO 23961-2	Traditional Chinese medicine – Vocabulary for diagnostics – Part 2: Pulse	01.040.11; 11.040.55	2021-11
ISO 23999	Resilient floor coverings – Determination of dimensional stability and curling after exposure to heat	97.150	2021-11
ISO 24223	Cheese – Guidance on sample preparation for physical and chemical testing	67.100.30	2021-11
ISO 24252	Biogas systems – Non-household and non-gasification	27.190	2021-11
ISO/TS 24289	Health informatics – Hierarchical file structure specification for secondary storage of health-related information	35.240.80	2021-11
ISO 24487-1	Graphic technology – Processless lithographic plates – Part 1: Evaluation methods for characteristics and performance	37.100.10	2021-11
ISO/TS 24634	Management of terminology resources – TBX-compliant representation of concept relations and subject fields	01.020; 35.240.30	2021-11
ISO 25539-4	Cardiovascular implants – Endovascular devices – Part 4: Application of ISO 17327-1 for coated endovascular devices	11.040.40	2021-11
ISO 25551	Ageing societies – General requirements and guidelines for carer-inclusive organizations	03.080.30; 03.100.30; 11.020.10	2021-11
ISO 27126	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals – Specification	83.140.40	2021-11
ISO 27127	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas – Specification	75.200; 83.140.40	2021-11
ISO 42500	Sharing economy – General principles	03.080.01; 35.240.63	2021-11
ISO 56006	Innovation management – Tools and methods for strategic intelligence management – Guidance	03.100.01; 03.100.40	2021-11

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 60269-6 AMD 1 Corrigendum 1	Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems; Amendment 1; Corrigendum 1	29.120.50	2021-11
IEC 60335-1 Interpretation Sheet 1	Household and similar electrical appliances – Safety – Part 1: General requirements; Interpretation Sheet 1	13.120; 97.030	2021-11
IEC 60335-2-28	Household and similar electrical appliances – Safety – Part 2-28: Particular requirements for sewing machines	13.120; 61.080; 97.180	2021-11
IEC 60335-2-37	Household and similar electrical appliances – Safety – Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers	97.040.20; 97.040.50	2021-11
IEC 60335-2-38	Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills	97.040.20	2021-11
IEC 60335-2-39	Household and similar electrical appliances – Safety – Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans	97.040.20; 97.040.50	2021-11
IEC 60335-2-42	Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens	97.040.20	2021-11
IEC 60335-2-44	Household and similar electrical appliances – Safety – Part 2-44: Particular requirements for ironers	97.060	2021-11
IEC 60335-2-47	Household and similar electrical appliances – Safety – Part 2-47: Particular requirements for commercial electric boiling pans	97.040.20	2021-11
IEC 60335-2-48	Household and similar electrical appliances – Safety – Part 2-48: Particular requirements for commercial electric grillers and toasters	97.040.20; 97.040.50	2021-11
IEC 60335-2-49	Household and similar electrical appliances – Safety – Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm	97.030; 97.040.50	2021-11
IEC 60335-2-50	Household and similar electrical appliances – Safety – Part 2-50: Particular requirements for commercial electric bains-marie	97.040.20	2021-11
IEC 60335-2-52	Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances	13.120; 97.170	2021-11
IEC 60335-2-55	Household and similar electrical appliances – Safety – Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds	97.020; 97.180	2021-11
IEC 60335-2-78	Household and similar electrical appliances – Safety – Part 2-78: Particular requirements for outdoor barbecues	13.120; 91.180; 97.040.20	2021-11
IEC 60335-2-99	Household and similar electrical appliances – Safety – Part 2-99: Particular requirements for commercial electric hoods	97.040.20	2021-11
IEC 60335-2-106	Household and similar electrical appliances – Safety – Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings	13.120; 97.100.10	2021-11
IEC 60335-2-107 AMD 2	Household and similar electrical appliances – Safety – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers; Amendment 2	65.060.70	2021-11
IEC 60335-2-107 Edition 2.2	Household and similar electrical appliances – Safety – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers	65.060.70	2021-11

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IEC 60335-2-113 AMD 1	Household and similar electrical appliances – Safety – Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources; Amendment 1	13.120; 97.170	2021-11
IEC 60335-2-113 Edition 1.1	Household and similar electrical appliances – Safety – Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources	13.120; 97.170	2021-11
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	17.220.20; 29.030	2021-11
IEC 60749-39	Semiconductor devices – Mechanical and climatic test methods – Part 39: Measurement of moisture diffusivity and water solubility in organic materials used for semiconductor components	31.080.01; 31.240	2021-11
IEC 60794-1-219	Optical fibre cables – Part 1-219: Generic specification – Basic optical cable test procedures – Material compatibility test, method F19	33.180.10	2021-11
IEC 60800	Heating cables with a rated voltage up to and including 300/500 V for comfort heating and prevention of ice formation	29.060.20	2021-11
IEC/TS 60947-7-5	Low-voltage switchgear and controlgear – Part 7-5: Ancillary equipment – Terminal blocks for aluminium conductors	29.130.20	2021-11
IEC 61000-2-10	Electromagnetic compatibility (EMC) – Part 2-10: Environment – Description of HEMP environment – Conducted disturbance	33.100.01; 33.100.10	2021-11
IEC 61051-2	Varistors for use in electronic equipment – Part 2: Sectional specification for surge suppression varistors	31.040.20	2021-11
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	17.220.20; 29.080.01; 29.240.01	2021-11
IEC 62037-1	Passive RF and microwave devices, intermodulation level measurement – Part 1: General requirements and measuring methods	33.040.20; 33.120.01	2021-11
IEC 62037-2	Passive RF and microwave devices, intermodulation level measurement – Part 2: Measurement of passive intermodulation in coaxial cable assemblies	33.040.20; 33.120.10; 33.120.30	2021-11
IEC 62037-3	Passive RF and microwave devices, intermodulation level measurement – Part 3: Measurement of passive intermodulation in coaxial connectors	33.040.20; 33.120.30	2021-11
IEC 62037-5	Passive RF and microwave devices, intermodulation level measurement – Part 5: Measurement of passive intermodulation in filters	33.040.20; 33.120.30	2021-11
IEC 62037-6	Passive RF and microwave devices, intermodulation level measurement – Part 6: Measurement of passive intermodulation in antennas	33.040.20; 33.120.30	2021-11
IEC 62106-10	Radio data system (RDS) – VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz – Part 10: UECP – Universal Encoder Communication Protocol	33.060.01; 33.160.20; 33.170	2021-11
IEC 62563-2	Medical electrical equipment – Medical image display systems – Part 2: Acceptance and constancy tests for medical image displays	11.040.50; 11.040.55; 31.120	2021-11
IEC 62841-2-1 AMD 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Part 2-1: Particular requirements for hand-held drills and impact drills; Amendment 1	25.140.20	2021-11

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IEC 62841-2-1 Edition 1.1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Part 2-1: Particular requirements for hand-held drills and impact drills	25.140.20	2021-11
IEC 62906-5-1	Laser displays – Part 5-1: Measurement of optical performance for laser front projection	31.260	2021-11
IEC 63174	Electrically operated toothbrushes – Methods for measuring the performance	97.030; 97.170	2021-11
IEC 63175	Fixed energy high intensity proton cyclotron within the energy range of 10 MeV to less than 30 MeV	27.120.01	2021-11
IEC 63182-4	Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 4: Block-cores	29.100.10	2021-11
IEC 63182-5	Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 5: Cylinder-cores	29.100.10	2021-11
IEC/TS 63217	Utility-interconnected photovoltaic inverters – Test procedure for over voltage ride-through measurements	27.160	2021-11
IEC 63277	Binary power generation systems with capacity less than 100 kW – Performance test methods	27.010; 27.190; 29.240.01	2021-11
IEC 63294	Test methods for electric cables with rated voltages up to and including 450/750 V	29.060.20	2021-11
IEC/TS 63334	Fibre optic interconnecting devices and passive components – Conditions for testing the protection against dust and water ingress of passive optical protective housings and hardened fibre optic connectors (IP5X, IPX4, IPX5, IPX6)	33.180.20	2021-11
IEC/TR 63344	Conceptual model of standardization for haptic multimedia systems	13.180; 33.160.60; 35.180	2021-11
IEC/TR 63367	Fibre optic interconnecting devices and passive components – Summarising results of round robin on connector end face scratch recognition and verification by automated microscopes	33.180.10; 33.180.20	2021-11
IEC/TR 63396	Noise measurement method on power capacitors	17.140.20; 29.120.99; 31.060.70	2021-11
IEC/TR 63400	Nuclear facilities – Instrumentation, control and electrical power systems important to safety – Structure of the IEC SC 45A standards series	27.120.20	2021-11
ISO/IEC 15444-2	Information technology – JPEG 2000 image coding system – Part 2: Extensions	35.040.30	2021-11
ISO/IEC 15909-3	Systems and software engineering – High-level Petri nets – Part 3: Extensions and structuring mechanisms	35.080	2021-11
ISO/IEC 18000-63	Information technology – Radio frequency identification for item management – Part 63: Parameters for air interface communications at 860 MHz to 960 MHz Type C	35.040.50	2021-11
ISO/IEC 18328-2	Identification cards – ICC-managed devices – Part 2: Physical characteristics and test methods for cards with devices	35.240.15	2021-11
ISO/IEC 21838-2	Information technology – Top-level ontologies (TLO) – Part 2: Basic Formal Ontology (BFO)	01.040.35; 35.060	2021-11
ISO/IEC 23001-16	Information technology – MPEG systems technologies – Part 16: Derived visual tracks in the ISO base media file format	35.040.40	2021-11
ISO/IEC 23094-2	Information technology – General video coding – Part 2: Low complexity enhancement video coding	35.040.40	2021-11

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ISO/TS 23302	Nanotechnologies – Requirements and recommendations for the identification of measurands that characterise nano-objects and materials that contain them	07.120	2021-11
ISO/IEC TS 23532-1	Information security, cybersecurity and privacy protection – Requirements for the competence of IT security testing and evaluation laboratories – Part 1: Evaluation for ISO/IEC 15408	35.030	2021-11
ISO/IEC TS 23532-2	Information security, cybersecurity and privacy protection – Requirements for the competence of IT security testing and evaluation laboratories – Part 2: Testing for ISO/IEC 19790	35.030	2021-11
ISO/IEC TR 24027	Information technology – Artificial intelligence (AI) – Bias in AI systems and AI aided decision making	35.020	2021-11
ISO/IEC 27013	Information security, cybersecurity and privacy protection – Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1	03.080.99; 03.100.70; 35.020; 35.030	2021-11
ISO/IEC 29140	Information technology for learning, education and training – Nomadcity and mobile technologies	35.240.90	2021-11
ISO/IEC TR 30174	Internet of Things (IoT) – Socialized IoT system resembling human social interaction dynamics	35.020	2021-11
ISO/IEC TR 30176	Internet of Things (IoT) – Integration of IoT and DLT/blockchain: Use cases	35.020	2021-11