

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 razvrstane po predmetnom ustroju 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 22, Cestovna vozila

HRN EN ISO 17409:2020 en pr
Cestovna vozila na električni pogon – Vodljivi prijenos energije – Sigurnosni zahtjevi (ISO 17409:2020; EN ISO 17409:2020)
Electrically propelled road vehicles – Conductive power transfer – Safety requirements (ISO 17409:2020; EN ISO 17409:2020)

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

HRN EN 16952:2020 en pr
Poljoprivredna mehanizacija – Radne platforme za neravni teren za radove u voćnjaku (WPO) – Sigurnost (EN 16952:2018)
Agricultural machinery – Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety (EN 16952:2018)

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

HRN EN ISO 16624:2020 en pr
Žitarice i proizvodi od žitarica – Određivanje boje refleksijalnom difuznom kolorimetrijom u krupici od durum pšenice i mekog pšeničnog brašna (ISO 16624:2020; EN ISO 16624:2020)
Wheat flour and durum wheat semolina – Determination of the colour by reflectance diffused colorimetry (ISO 16624:2020; EN ISO 16624:2020)

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 21904-1:2020 en pr
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Oprema za odsisavanje i odvajanje dima pri zavarivanju – 1. dio: Opći zahtjevi (ISO 21904-1:2020; EN ISO 21904-1:2020)
Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 1: General requirements (ISO 21904-1:2020; EN ISO 21904-1:2020)

HRN EN ISO 21904-2:2020 en pr
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Oprema za odsisavanje i odvajanje dima pri zavarivanju – 2. dio: Zahtjevi za ispitivanje i označivanje učinkovitosti odvajanja (ISO 21904-2:2020; EN ISO 21904-2:2020)
Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 2: Requirements for testing and marking of separation efficiency (ISO 21904-2:2020; EN ISO 21904-2:2020)

HRN EN ISO 21904-4:2020 en pr
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Oprema za odsisavanje i odvajanje dima pri zavarivanju – 4. dio: Određivanje minimalnog protoka zraka odsisnih uređaja (ISO 21904-4:2020; EN ISO 21904-4:2020)
Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 4: Determination of the minimum air volume flow rate of capture devices (ISO 21904-4:2020; EN ISO 21904-4:2020)

HZN/TO 74, Cement i vapno

HRN EN 197-2:2020 en pr
Ocjenjivanje i provjera stalnosti svojstava (EN 197-2:2020)
Cement – Part 2: Assessment and verification of constancy of performance (EN 197-2:2020)

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

HRN ISO 817:2014/A1:2020 en pr
Radne tvari – Označivanje i klasifikacija sigurnosti (ISO 817:2014/Amd 1:2017)
Refrigerants – Designation and safety classification (ISO 817:2014/Amd 1:2017)

HRN ISO 916:2020 en pr
Ispitivanje rashladnih sustava (ISO 916:2020)
Testing of refrigerating systems (ISO 916:2020)

HRN EN 14624:2020 en pr
Radne značajke prijenosnih i fiksnih detektora propuštanja plina za sve radne tvari (EN 14624:2020)
Performance of portable locating leak detectors and of fixed gas detectors for all refrigerants (EN 14624:2020)

HZN/TO 92, Zaštita od požara

HRN EN ISO 11925-2:2020 en pr
Ispitivanja reakcije na požar – Zapaljivost proizvoda izloženih izravnom djelovanju plamena – 2. dio: Ispitivanje pojedinačnim izvorom plamena (ISO 11925-2:2020; EN ISO 11925-2:2020)
Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test (ISO 11925-2:2020; EN ISO 11925-2:2020)

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN 13718-1:2020 en pr
Medicinska vozila i njihova oprema – Zračna medicinska vozila – 1. dio: Zahtjev za medicinske uređaje koji se upotrebljavaju u zračnim medicinskim vozilima (EN 13718-1:2014+A1:2020)
Medical vehicles and their equipment – Air ambulances – Part 1: Requirements for medical devices used in air ambulances (EN 13718-1:2014+A1:2020)

HRN EN 13718-2:2020 en pr
Medicinska vozila i njihova oprema – Zračna medicinska vozila – 2. dio: Radni i tehnički zahtjevi za zračna medicinska vozila (EN 13718-2:2015+A1:2020)
Medical vehicles and their equipment – Air ambulances – Part 2: Operational and technical requirements for air ambulances (EN 13718-2:2015+A1:2020)

HRN EN ISO 80601-2-12:2020 en pr
Medicinska električna oprema – Dio 2-12: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke ventilatora za intenzivnu njegu (ISO 80601-2-12:2020; EN ISO 80601-2-12:2020)
Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO 80601-2-12:2020; EN ISO 80601-2-12:2020)

HZN/TO 145, Grafički simboli

HRN EN ISO 7010:2020 en pr
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2019; EN ISO 7010:2020)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2019; EN ISO 7010:2020)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 18674-3:2017/A1:2020 en pr
Geotehničko istraživanje i ispitivanje – Geotehničko opažanje terenskom mjernom opremom – 3. dio: Mjerenje pomaka okomito na os: Inklinometri (ISO 18674-3:2017/Amd 1:2020; EN ISO 18674-3:2017/A1:2020)
Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 3: Measurement of displacements across a line: Inclinerometers (ISO 18674-3:2017/Amd 1:2020; EN ISO 18674-3:2017/A1:2020)

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19111:2020 en pr
Geoinformacije – Referenciranje koordinatama (ISO 19111:2019; EN ISO 19111:2020)
Geographic information – Referencing by coordinates (ISO 19111:2019; EN ISO 19111:2020)

HZN/TO 215, Medicinska informatika

HRN ISO 17117-1:2020 en pr
Zdravstvena informatika – Terminološki resursi – 1. dio: Karakteristike (ISO 17117-1:2018)
Health informatics – Terminological resources – Part 1: Characteristics (ISO 17117-1:2018)

HRS ISO/TS 21089:2020 en pr
Zdravstvena informatika – Pouzdani informacijski tokovi između dviju točaka (ISO/TS 21089:2018)
Health informatics – Trusted end-to-end information flows (ISO/TS 21089:2018)

HZN/TO 218, Drvo

HRN EN 13629:2020 en pr
Drveni podovi – Masivni i lijepljeni podni elementi od drva listača (EN 13629:2020)
Wood flooring – Solid individual and pre-assembled hardwood boards (EN 13629:2020)

HRN EN 14128:2020 en pr
Trajnost drva i proizvoda na osnovi drva – Kriteriji učinkovitosti za kurativna sredstva za zaštitu drva kako je određeno biološkim testovima (EN 14128:2020)
Durability of wood and wood-based products – Efficacy criteria for curative wood preservatives as determined by biological tests (EN 14128:2020)

HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 20024:2020 en pr
Čvrsta biogoriva – Sigurno rukovanje i skladištenje čvrstih biogoriva u obliku peleta u komercijalnoj i industrijskoj primjeni (ISO 20024:2020; EN ISO 20024:2020)
Solid biofuels – Safe handling and storage of solid biofuel pellets in commercial and industrial applications (ISO 20024:2020; EN ISO 20024:2020)

HZN/TO 503, Metalni materijali

HRN EN ISO 7526:2020 en pr
Feronikal – Određivanje sadržaja sumpora – Metoda infracrvene apsorpcije nakon izgaranja u indukcijskoj peći (ISO 7526:2020; EN ISO 7526:2020)
Feronickels – Determination of sulfur content – Infrared absorption method after induction furnace combustion (ISO 7526:2020; EN ISO 7526:2020)

HRN EN 12735-1:2020 en pr
Bakar i legure bakra – Bešavne okrugle cijevi za klimatizaciju i hlađenje – 1. dio: Cijevi za cjevovode (EN 12735-1:2020)
Copper and copper alloys – Seamless, round tubes for air conditioning and refrigeration – Part 1: Tubes for piping systems (EN 12735-1:2020)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN 17243:2020 en pr
Katodna zaštita unutarnjih površina metalnih spremnika, konstrukcija, opreme i cjevovoda koji sadrže morsku vodu (EN 17243:2020)
Cathodic protection of internal surfaces of metallic tanks, structures, equipment, and piping containing seawater (EN 17243:2020)

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

HRN EN ISO 20321:2020 en pr
Industrija nafte, petrokemije i prirodnog plina – Sigurnost strojeva – Dizala s pogonom (ISO 20321:2020; EN ISO 20321:2020)
Petroleum, petrochemical and natural gas industries – Safety of machineries – Powered elevators (ISO 20321:2020; EN ISO 20321:2020)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN ISO 80000-8:2020 en pr
Veličine i jedinice – 8. dio: Akustika (ISO 80000-8:2020; EN ISO 80000-8:2020)
Quantities and units – Part 8: Acoustics (ISO 80000-8:2020; EN ISO 80000-8:2020)

HZN/TO 517, Posebne vrste konstrukcija

HRN EN 17293:2020 en pr
Privremena radna oprema – Izvedba – Zahtjevi za proizvodnju (EN 17293:2020)
Temporary works equipment – Execution – Requirements for manufacturing (EN 17293:2020)

HZN/TO 524, Inteligentni transportni sustavi

HRN EN ISO 14906:2019/A1:2020 en pr
Elektronička naplata – Definicije programskih sučelja za dodijeljeno kratkovalno područje komunikacije (ISO 14906:2018/Amd 1:2020; EN ISO 14906:2018/A1:2020)
Electronic fee collection – Application interface definition for dedicated short-range communication (ISO 14906:2018/Amd 1:2020; EN ISO 14906:2018/A1:2020)

HRS CEN/TS 17402:2020 en pr
Inteligentni transportni sustavi – Gradski ITS – Upotreba regionalnih normi iz područja prometa u okruženju različitih isporučitelja (CEN/TS 17402:2020)
Intelligent transport systems – Urban ITS – Use of regional traffic standards in a mixed vendor environment (CEN/TS 17402:2020)

HZN/TO 528, Oprema za željeznice

HRN EN 17084:2019/Ispr.1:2020 en pr
Željeznički sustav – Zaštita od požara u željezničkim vozilima – Ispitivanje toksičnosti materijala i komponenti (EN 17084:2018/AC:2020)
Railway applications – Fire protection on railway vehicles – Toxicity test of materials and components (EN 17084:2018/AC:2020)

HZN/TO 531, Plastika i guma

HRN EN ISO 75-1:2020 en pr
Plastika – Određivanje temperature postojanosti oblika pod opterećenjem – 1. dio: Opća metoda ispitivanja (ISO 75-1:2020; EN ISO 75-1:2020)
Plastics – Determination of temperature of deflection under load – Part 1: General test method (ISO 75-1:2020; EN ISO 75-1:2020)

HRN EN ISO 11357-2:2020 en pr
Plastika – Diferencijalna pretražna kalorimetrija – 2. dio: Određivanje staklišta i visine koraka staklišta (ISO 11357-2:2020; EN ISO 11357-2:2020)
Plastics – Differential scanning calorimetry (DSC) – Part 2: Determination of glass transition temperature and step height (ISO 11357-2:2020; EN ISO 11357-2:2020)

HRI CEN ISO/TR 21960:2020 en pr
Plastika – Okolišni aspekti – Trenutačno stanje znanja i metodologije (ISO/TR 21960:2020; CEN ISO/TR 21960:2020)
Plastics – Environmental aspects – State of knowledge and methodologies (ISO/TR 21960:2020; CEN ISO/TR 21960:2020)

HRN EN ISO 23153-1:2020 en pr
Plastika – Polietar eter keton (PEEK) materijali za kalupljenje i ekstrudiranje – 1. dio: Sustav označavanja i osnove specifikacija (ISO 23153-1:2020; EN ISO 23153-1:2020)
Plastics – Polyetheretherketone (PEEK) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 23153-1:2020; EN ISO 23153-1:2020)

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-1:2020 en pr
Bitumenske mješavine – Metode ispitivanja – 1. dio: Topivi udio veziva (EN 12697-1:2020)
Bituminous mixtures – Test methods – Part 1: Soluble binder content (EN 12697-1:2020)

HZN/TO 534, Spremnici za teret

HRN EN 14025:2018/Ispr.1:2020 en pr
Spremnici za prijevoz opasnih tvari – Metalni tlačni spremnici – Projektiranje i konstrukcija (EN 14025:2018/AC:2020)
Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction (EN 14025:2018/AC:2020)

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

HRN EN 16867:2020 en pr
Građevni okovi – Mehatronički okovi za vrata – Zahtjevi i metode ispitivanja (EN 16867:2020)
Building hardware – Mechatronic door furniture – Requirements and test methods (EN 16867:2020)

HRN EN 17213:2020 en pr
Prozori i vrata – Izjava zaštite okoliša – Pravila za kategorizaciju proizvoda za prozore i vrata za pješake (EN 17213:2020)
Windows and doors – Environmental Product Declarations – Product category rules for windows and pedestrian doorsets (EN 17213:2020)

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

HRN EN ISO 21204:2020 en pr
Geometrijske specifikacije proizvoda (GSP) – Specifikacija prijelaza (ISO 21204:2020; EN ISO 21204:2020)
Geometrical product specifications (GPS) – Transition specification (ISO 21204:2020; EN ISO 21204:2020)

HZN/TO 551, Gradnja

HRN EN ISO 23386:2020 en pr
Modeliranje informacija o građevinama i ostali digitalni procesi u graditeljstvu – Metodologija opisivanja, kreiranja i održavanja svojstava u međusobno povezanim rječnicima podataka (ISO 23386:2020; EN ISO 23386:2020)
Building information modelling and other digital processes used in construction – Methodology to describe, author and maintain properties in interconnected data dictionaries (ISO 23386:2020; EN ISO 23386:2020)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 22367:2020 en pr
Medicinski laboratoriji – Primjena upravljanja rizicima u medicinskim laboratorijima (ISO 22367:2020; EN ISO 22367:2020)
Medical laboratories – Application of risk management to medical laboratories (ISO 22367:2020; EN ISO 22367:2020)

HZN/TO 556, Osobna zaštitna oprema

HRN EN ISO 18526-1:2020 en pr
Štitnici za oči i lice – Metode ispitivanja – 1. dio: Geometrijska optička svojstva (ISO 18526-1:2020; EN ISO 18526-1:2020)
Eye and face protection – Test methods – Part 1: Geometrical optical properties (ISO 18526-1:2020; EN ISO 18526-1:2020)

HRN EN ISO 18526-2:2020 en pr
Štitnici za oči i lice – Metode ispitivanja – 2. dio: Fizikalna optička svojstva (ISO 18526-2:2020; EN ISO 18526-2:2020)
Eye and face protection – Test methods – Part 2: Physical optical properties (ISO 18526-2:2020; EN ISO 18526-2:2020)

HZN/TO 557, Zaštitna odjeća

HRN EN 17092-1:2020 en pr
Zaštitna odjeća za vozače motocikla – 1. dio: Metode ispitivanja (EN 17092-1:2020)
Protective garments for motorcycle riders – Part 1: Test methods (EN 17092-1:2020)

HZN/TO 558, Zaštita dišnih putova

HRN EN ISO 16972:2020 en pr
Zaštitne naprave za disanje – Terminološki rječnik i grafički simboli (ISO 16972:2020; EN ISO 16972:2020)
Respiratory protective devices – Vocabulary and graphical symbols (ISO 16972:2020; EN ISO 16972:2020)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1833-17:2020 en pr
Tekstil – Kvantitativna kemijska analiza – 17. dio: Mješavine celuloznih i određenih klornih vlakana s određenim drugim vlaknima (metoda s uporabom koncentrirane sulfatne kiseline) (ISO 1833-17:2019; EN ISO 1833-17:2020)
Textiles – Quantitative chemical analysis – Part 17: Mixtures of cellulose fibres and certain fibres with chlorofibres and certain other fibres (method using concentrated sulfuric acid) (ISO 1833-17:2019; EN ISO 1833-17:2020)

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

HRN EN 12953-5:2020 en pr
Dimnocijevni kotlovi – 5. dio: Pregled tijekom izrade; dokumentacija i označavanje dijelova kotla pod tlakom (EN 12953-5:2020)
Shell boilers – Part 5: Inspection during construction; documentation and marking of pressure parts of the boiler (EN 12953-5:2020)

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

HRN EN ISO 6579-1:2017/A1:2020 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za dokazivanje prisutnosti, određivanje broja i serotipizaciju Salmonella – 1. dio: Dokazivanje prisutnosti Salmonella spp. – Amandman 1 Proširenje raspona temperatura inkubacije, izmjena značaja Dodatka D i ispravak sastava MSRV i SC (ISO 6579-1:2017/Amd 1:2020; EN ISO 6579-1:2017/A1:2020)
Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 1: Detection of Salmonella spp. – Amendment 1 Broader range of incubation temperatures, amendment to the status of Annex D, and correction of the composition of MSRV and SC (ISO 6579-1:2017/Amd 1:2020; EN ISO 6579-1:2017/A1:2020)

HZN/TO 569, Hrana za životinje

HRN EN 15741:2020 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje organoklornih pesticida (OCPs) i polikloriranih bifenila (PCBs) spregnutom tehnikom plinske kromatografije / spektrometrije masa (GC/MS) (EN 15741:2020)
Animal feeding stuffs: Methods of sampling and analysis – Determination of OCPs and PCBs by GC/MS (EN 15741:2020)

HRN EN 15742:2020 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje organoklornih pesticida (OCPs) tehnikom plinske kromatografije uz detektor zahvata elektrona (GC/ECD) (EN 15742:2020)
Animal feeding stuffs: Methods of sampling and analysis – Determination of OCPs by GC/ECD (EN 15742:2020)

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

HRN EN 17109:2020 en pr
Planinarska oprema – Individualni sigurnosni sustavi za adrenalinske parkove – Sigurnosni zahtjevi i metode ispitivanja (EN 17109:2020)
Mountaineering equipment – Individual safety systems for rope courses – Safety requirements and test methods (EN 17109:2020)

HRN EN 17232:2020 en pr
Oprema i atrakcije za igranje u vodi – Sigurnosni zahtjevi, metode ispitivanja i operativni zahtjevi (EN 17232:2020)
Water play equipment and features – Safety requirements, test methods and operational requirements (EN 17232:2020)

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

HRI CEN/TR 16192:2020 en pr
Otpad – Upute za analize eluata (CEN/TR 16192:2020)
Waste – Guidance on analysis of eluates (CEN/TR 16192:2020)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 60947-5-2:2020 en pr
Niskonaponska sklopna aparatura – Dio 5-2: Aparati za upravljačke strujne krugove i sklopni elementi – Blizinske sklopke (IEC 60947-5-2:2019; EN IEC 60947-5-2:2020)
Low-voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches (IEC 60947-5-2:2019; EN IEC 60947-5-2:2020)

HZN/TO E20, Električni kabeli

HRN EN 50305:2020 en pr
Željeznički sustav – Kabeli za željeznička vozila s posebnom postojanošću na vatru – Metode ispitivanja (EN 50305:2020)
Railway applications – Railway rolling stock cables having special fire performance – Test methods (EN 50305:2020)

HRN EN 50306-1:2020 en pr
Željeznički sustav – Kabeli za željeznička vozila s posebnom postojanošću na vatru – Smanjena i standardna debljina izolacije – 1. dio: Opći zahtjevi (EN 50306-1:2020)
Railway applications – Railway rolling stock cables having special fire performance – Thin wall – Part 1: General requirements (EN 50306-1:2020)

HRN EN 50306-2:2020 en pr
Željeznički sustav – Kabeli za željeznička vozila s posebnom postojanošću na vatru – Smanjena debljina izolacije – 2. dio: Jednožilni kabeli (EN 50306-2:2020)
Railway applications – Railway rolling stock cables having special fire performance – Thin wall – Part 2: Single core cables (EN 50306-2:2020)

HRN EN 50306-3:2020 en pr
Željeznički sustav – Kabeli za željeznička vozila s posebnom postojanošću na vatru – Smanjena debljina izolacije – 3. dio: Jednožilni i višezilni kabeli sa zaslonom i smanjenom debljinom plašta (EN 50306-3:2020)
Railway applications – Railway rolling stock cables having special fire performance – Thin wall – Part 3: Single core and multicore cables screened and thin wall sheathed (EN 50306-3:2020)

HRN EN 50306-4:2020 en pr
Željeznički sustav – Kabeli za željeznička vozila s posebnom postojanošću na vatru – Smanjena debljina izolacije – 4. dio: Višezilni i višeparični oklopljeni ili neoklopljeni kabeli s plaštem (EN 50306-4:2020)
Railway applications – Railway rolling stock cables having special fire performance – Thin wall – Part 4: Multicore and multipair screened or not screened sheathed cables (EN 50306-4:2020)

HZN/TO E31, Eksplozivne atmosfere

HRN EN ISO/IEC 80079-34:2020 en pr
Eksplozivne atmosfere – 34. Dio: Primjena sustava upravljanja kvalitetom u proizvodnji proizvoda izvedenih u protueksplozijskoj zaštiti (ISO/IEC 80079-34:2018; EN ISO/IEC 80079-34:2020)
Explosive atmospheres – Part 34: Application of quality systems for ex product manufacture (ISO/IEC 80079-34:2018; EN ISO/IEC 80079-34:2020)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60598-2-22:2015/A1:2020 en pr
Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za rasvjetu u slučaju opasnosti (IEC 60598-2-22:2014/am1:2017; EN 60598-2-22:2014/A1:2020)
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (IEC 60598-2-22:2014/am1:2017; EN 60598-2-22:2014/A1:2020)

HRN EN IEC 62031:2020 en pr
Moduli svjetlećih dioda za opću rasvjetu – Sigurnosni zahtjevi (IEC 62031:2018; EN IEC 62031:2020)
LED modules for general lighting – Safety specifications (IEC 62031:2018; EN IEC 62031:2020)

HZN/TO E45, Nuklearna instrumentacija

HRN EN IEC 61225:2020 en pr
Nuklearne elektrane – Instrumentacija, upravljanje i električni sustavi za napajanje – Zahtjevi za statične neprekinute sustave za napajanje istosmjernom i izmjeničnom strujom (IEC 61225:2019; EN IEC 61225:2020)
Nuclear power plants – Instrumentation, control and electrical power systems – Requirements for static uninterruptible DC and AC power supply systems (IEC 61225:2019; EN IEC 61225:2020)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

HRN EN 61850-7-3:2011/A1:2020 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 7-3: Osnovna komunikacijska struktura – Zajedničke klase podataka (IEC 61850-7-3:2010/am1:2020; EN 61850-7-3:2011/A1:2020)
Communication networks and systems for power utility automation – Part 7-3: Basic communication structure – Common data classes (IEC 61850-7-3:2010/am1:2020; EN 61850-7-3:2011/A1:2020)

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

HRN EN IEC 61162-460:2018/A1:2020 en pr
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalno sučelje – 460. dio: Više govornika i više slušatelja – Ethernet povezivanje – Sigurnost i zaštita (IEC 61162-460:2018/am1:2020; EN IEC 61162-460:2018/A1:2020)
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 460: Multiple talkers and multiple listeners – Ethernet interconnection – Safety and security (IEC 61162-460:2018/am1:2020; EN IEC 61162-460:2018/A1:2020)

HZN/TO E108, Sigurnost elektroničke opreme u području audio, video, informacijske i komunikacijske tehnologije

HRN EN IEC 62368-3:2020 en pr
Oprema audio/video, informacijske i komunikacijske tehnologije – 3. dio: Značajke sigurnosti prijenosa snage istosmjerne struje kroz komunikacijske kabele i priključke (IEC 62368-3:2017; EN IEC 62368-3:2020)
Audio/video, information and communication technology equipment – Part 3: Safety aspects for DC power transfer through communication cables and ports (IEC 62368-3:2017; EN IEC 62368-3:2020)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55016-1-3:2008/A2:2020 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 1-3: Uređaji za mjerenje radiosmetnja i otpornosti – Pomoćna oprema – Snaga smetnja (CISPR 16-1-3:2004/am2:2020; EN 55016-1-3:2006/A2:2020)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-3: Radio disturbance and immunity measuring apparatus – Ancillary equipment – Disturbance power (CISPR 16-1-3:2004/am2:2020; EN 55016-1-3:2006/A2:2020)

HRN EN IEC 61000-4-11:2020 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-11: Ispitne i mjerne tehnike – Ispitivanje otpornosti na naponske propade, kratkotrajne prekide i naponske promjene za uređaje s ulaznom strujom do 16 A po fazi (IEC 61000-4-11:2020; EN IEC 61000-4-11:2020)
Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase (IEC 61000-4-11:2020; EN IEC 61000-4-11:2020)

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN IEC 60118-13:2020 en pr
Elektroakustika – Slušna pomagala – 13. dio: Zahtjevi i metode mjerenja otpornosti na elektromagnetske smetnje digitalnih mobilnih bežičnih uređaja (IEC 60118-13:2019; EN IEC 60118-13:2020)
Electroacoustics – Hearing aids – Part 13: Requirements and methods of measurement for electromagnetic immunity to mobile digital wireless devices (IEC 60118-13:2019; EN IEC 60118-13:2020)

HRN EN IEC 60601-2-66:2020 en pr
Medicinska električna oprema – Dio 2-66: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke slušnih instrumenata i sustava slušnih instrumenata (IEC 60601-2-66:2019; EN IEC 60601-2-66:2020)
Medical electrical equipment – Part 2-66: Particular requirements for the basic safety and essential performance of hearing aids and hearing aid systems (IEC 60601-2-66:2019; EN IEC 60601-2-66:2020)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 302 217-1 V3.2.2:2020 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu točka-točka i antene – 1. dio: Pregled, zajedničke karakteristike i zahtjevi neovisni o sustavu (EN 302 217-1 V3.2.2:2020)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 1: Overview, common characteristics and system-independent requirements (EN 302 217-1 V3.2.2:2020)

HRN EN 302 217-2 V3.2.2:2020 en pr
Nepokretni radijski sustavi – Karakteristike i zahtjevi za opremu točka-točka i antene – 2. dio: Digitalni sustavi koji rade u frekvencijskim pojasi od 1 GHz do 86 GHz – Harmonizirana norma za pristup radijskom spektru (EN 302 217-2 V3.2.2:2020)
Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz – Harmonised Standard for access to radio spectrum (EN 302 217-2 V3.2.2:2020)

HRN EN 303 258 V1.1.1:2020 en pr
Bežične industrijske primjene (WIA) – Uređaji koji rade u frekvencijskom području od 5 725 MHz do 5 875 MHz s razinama snage do 400 mW – Harmonizirana norma za pristup radijskom spektru (EN 303 258 V1.1.1:2020)
Wireless Industrial Applications (WIA) – Equipment operating in the 5 725 MHz to 5 875 MHz frequency range with power levels ranging up to 400 mW – Harmonised Standard for access to radio spectrum (EN 303 258 V1.1.1:2020)

HZN/TO Z1, Informacijska tehnologija

HRN EN 17099:2020 en pr
Informacijska tehnologija – Proizvodi ribarstva i akvakulture – Zahtjevi za označavanje distribucijskih pakiranja i paleta u trgovini proizvodima ribarstva i akvakulture (EN 17099:2020)
Information technology – Fishery and aquaculture products – Requirements for labelling of distribution units and pallets in the trade of fishery and aquaculture products (EN 17099:2020)

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

HRN EN 131-4:2020 en pr
Ljestve – 4. dio: Zglobne ljestve s jednim ili više zglobova (EN 131-4:2020)
Ladders – Part 4: Single or multiple hinge-joint ladders (EN 131-4:2020)

HRN EN 15398:2020 en pr
Elastične, tekstilne i laminatne podne obloge – Standardni simboli za podne obloge – Dopunski element (EN 15398:2020)
Resilient, textile and laminate floor coverings – Floor covering standard symbols – Complementary element (EN 15398:2020)

HRN EN ISO 21043-2:2020 en pr
Forenzične znanosti – 2. dio: Prepoznavanje, evidentiranje, prikupljanje, prijevoz i pohrana dokaznog materijala (ISO 21043-2:2018; EN ISO 21043-2:2020)
Forensic sciences – Part 2: Recognition, recording, collecting, transport and storage of items (ISO 21043-2:2018; EN ISO 21043-2:2020)

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

HRN EN 17333-1:2020 en pr
Karakterizacija jedne komponente pjene – 1. dio: Karakterizacija prinosa pjene (EN 17333-1:2020)
Characterisation of one component foam – Part 1: Foam yield characteristics (EN 17333-1:2020)

HRN EN 17333-2:2020 en pr
Karakterizacija jedne komponente pjene (OCF) – 2. dio: Proširenje (EN 17333-2:2020)
Characterization of One Component Foam (OCF) – Part 2: Expansion (EN 17333-2:2020)

HRN EN 17333-3:2020 en pr
Karakterizacija jedne komponente pjene – 3. dio: Aplikacija (EN 17333-3:2020)
Characterisation of one component foam – Part 3: Application (EN 17333-3:2020)

HRN EN 17333-4:2020 en pr
Karakterizacija jedne komponente pjene – 4. dio: Mehanička čvrstoća (EN 17333-4:2020)
Characterisation of one component foam – Part 4: Mechanical strength (EN 17333-4:2020)

HRN EN 17333-5:2020 en pr
Karakterizacija jedne komponente pjene – 5. dio: Izolacije (EN 17333-5:2020)
Characterisation of one component foam – Part 5: Insulation (EN 17333-5:2020)

HRN EN 17399:2020 en pr
Alge i proizvodi na bazi algi – Nazivi i definicije (EN 17399:2020)
Algae and algae products – Terms and definitions (EN 17399:2020)

HZN/TU I2, Strojstvo 2

HRN EN ISO 7096:2020 en pr
Strojevi za zemljane radove – Laboratorijska procjena vibracija sjedala rukovatelja (ISO 7096:2020; EN ISO 7096:2020)
Earth-moving machinery – Laboratory evaluation of operator seat vibration (ISO 7096:2020; EN ISO 7096:2020)

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

HRN EN ISO 7787-2:2020 en pr
Stomatologija – Laboratorijski rezači – 2. dio: Karbidni laboratorijski rezači (ISO 7787-2:2020; EN ISO 7787-2:2020)
Dentistry – Laboratory cutters – Part 2: Carbide laboratory cutters (ISO 7787-2:2020; EN ISO 7787-2:2020)

HRN EN 14683:2020 en pr
Kirurške maske – Zahtjevi i metode ispitivanja (EN 14683:2019+AC:2019)
Medical face masks – Requirements and test methods (EN 14683:2019+AC:2019)

HRN EN ISO 15098:2020 en pr
Stomatologija – Stomatološke pincete (ISO 15098:2020; EN ISO 15098:2020)
Dentistry – Dental tweezers (ISO 15098:2020; EN ISO 15098:2020)

HRN EN 16844:2020 en pr
Estetske medicinske usluge – Nekirurški medicinski postupci (EN 16844:2017+A2:2019)
Aesthetic medicine services – Non-surgical medical treatments (EN 16844:2017+A2:2019)

HRN EN ISO 28399:2020 en pr
Stomatologija – Proizvodi za vanjsko izbjeljivanje zuba (ISO 28399:2020; EN ISO 28399:2020)
Dentistry – External tooth bleaching products (ISO 28399:2020; EN ISO 28399:2020)

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

HRN EN 2960:2020 en pr
Zrakoplovstvo – Legura na bazi nikla otporna na toplinu (NI-P101HT) – Obradna otopinom i hladno obrađena – Šipke za daljnju obradu za spojne elemente – 3 mm ≤ D ≤ 50 mm (EN 2960:2020)
Aerospace series – Heat resisting nickel base alloy (Ni-P101HT) – Cold worked and solution treated – Bar for machining for fasteners – 3 mm ≤ D ≤ 50 mm (EN 2960:2020)

HRN EN 3475-513:2020 en pr
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 513. dio: Otpornost na deformaciju (instalacija sa plastičnim obujmicama) (EN 3475-513:2020)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 513: Deformation resistance (Installation with plastic cable ties) (EN 3475-513:2020)

- HRN EN 3482:2020 en pr
Zrakoplovstvo – Čelik X8CrNiTi18-10 (1.4878/1.4544) – Žareni
– Preporučena toplinska obrada: omekšan – Materijal namijenjen kovanju – De ≤ 100 mm (EN 3482:2019)
Aerospace series – Steel X8CrNiTi18-10 (1.4878/1.4544)
– Annealed – Reference heat treatment: softened – Forging stock – De ≤ 100 mm (EN 3482:2019)
- HRN EN 3484:2020 en pr
Zrakoplovstvo – Čelik X5CrNiCuNb16-4 (1.4549 type 1.4542)
– Kao lijevani – Referentna toplinska obrada: homogenizirana, obrađena otopinom, precipitacijski očvrstnut i ispod nule – Materijal za pretalijvanje (EN 3484:2019)
Aerospace series – Steel FE-CM61 – As cast – Reference heat treatment: homogenised, solution treated, precipitation hardened and sub zero – Remelting stock (EN 3484:2019)
- HRN EN 3486:2020 en pr
Zrakoplovstvo – Čelik X3CrNiMoAl13-8-2 (1.4534) – Žaren otopinom i precipitacijski očvrstnut – 1 400 ≤ Rm ≤ 1 550 MPa – Otkivci – De ≤ 100 mm (EN 3486:2019)
Aerospace series – Steel X3CrNiMoAl13-8-2 (1.4534) – Solution annealed and precipitation hardened – 1 400 ≤ Rm ≤ 1 550 MPa – Forgings – De ≤ 100 mm (EN 3486:2019)
- HRN EN 3489:2020 en pr
Zrakoplovstvo – Čelik X8CrNiTi18-10 (1.4878/1.4544)
– Omekšan – 500 ≤ Rm ≤ 750 MPa – Cijevi za konstrukcije – 0,5 ≤ a ≤ 5 mm (EN 3489:2019)
Aerospace series – Steel X8CrNiTi18-10 (1.4878/1.4544)
– Softened – 500 ≤ Rm ≤ 750 MPa – Tubes for structures – 0,5 ≤ a ≤ 5 mm (EN 3489:2019)
- HRN EN 4244:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu FE-PM1708
– Pretopljena vakuumskim lukom – Poboljšana – Šipke – a ili D ≤ 200 mm – 1 000 MPa ≤ Rm ≤ 1 140 MPa (EN 4244:2020)
Aerospace series – Heat resisting alloy FE-PM1708 – Vacuum arc remelted – Hardened and tempered – Bar – a or D ≤ 200 mm – 1000 MPa ≤ Rm 1140 MPa (EN 4244:2020)
- HRN EN 4245:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu FE-PM1708
– Pretopljena vakuumskim lukom – Kao kovano – Materijal za kovanje – De ≤ 300 mm (EN 4245:2020)
Aerospace series – Heat resisting alloy FE-PM1708 – Vacuum arc remelted – As forged – Forging stock – De ≤ 300 mm (EN 4245:2020)
- HRN EN 4264:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu X4NiCrMoTi43-13
– Kao kovano – Materijal za kovanje – a ili D ≤ 200 mm (EN 4264:2020)
Aerospace series – Heat resisting alloy X4NiCrMoTi43-13 – As forged – Forging stock – a or D ≤ 200 mm (EN 4264:2020)
- HRN EN 4426:2020 en pr
Zrakoplovstvo – Nemetalni materijali – Tekstil – Metoda ispitivanja – Određivanje vodljivosti i pH vodenih ekstrakata (EN 4426:2020)
Aerospace series – Non-metallic materials – Textiles – Test method – Determination of conductivity and pH of aqueous extracts (EN 4426:2020)
- HRN EN 4570:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu X12CrNiCoMoW21-20
– Obradena otopinom – Otkivci – De ≤ 100 mm (EN 4570:2020)
Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated – Forgings – De ≤ 100 mm (EN 4570:2020)
- HRN EN 4571:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu X12CrNiCoMoW21-20
– Obradena otopinom – Šipke i profili – De ≤ 100 mm (EN 4571:2020)
Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated – Bars and sections – De ≤ 100 mm (EN 4571:2020)
- HRN EN 4572:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu X12CrNiCoMoW21-20
– Obradena otopinom – Limovi i trake – a ≤ 3 mm (EN 4572:2020)
Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated – Sheets and strips – a ≤ 3 mm (EN 4572:2020)
- HRN EN 4573:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu X12CrNiCoMoW21-20
– Obradena otopinom i precipitatom – Šipke i profili – De ≤ 100 mm (EN 4573:2020)
Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated and precipitation treated – Bars and sections – De ≤ 100 mm (EN 4573:2020)
- HRN EN 4574:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu X12CrNiCoMoW21-20
– Obradena otopinom i precipitatom – Otkivci – De ≤ 100 mm (EN 4574:2020)
Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated and precipitation treated – Forgings – De ≤ 100 mm (EN 4574:2020)
- HRN EN 4575:2020 en pr
Zrakoplovstvo – Legura otporna na toplinu X12CrNiCoMoW21-20
– Obradena otopinom i oljuštena od krutih naslaga – Limovi i trake – 3 mm < a ≤ 50 mm (EN 4575:2020)
Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated and descaled – Sheets and plates – 3 mm < a ≤ 50 mm (EN 4575:2020)
- HRN EN 4705:2020 en pr
Zrakoplovstvo – Metode mjerenja ponašanja rasvjetnih tijela u zrakoplovnim kabinama tijekom životnog vijeka u standardnom zrakoplovnom okruženju (EN 4705:2020)
Aerospace series – Measurement methods regarding the lifetime behaviour of light units in a standardized aircraft-related environment (EN 4705:2020)
- HRN EN 4855-01:2020 en pr
Zrakoplovstvo – Ekoučinkovitost opreme za catering – Dio 01: Opći uvjeti (EN 4855-01:2020)
Aerospace series – ECO efficiency of catering equipment – Part 01: General conditions (EN 4855-01:2020)
- HRN EN 4855-02:2020 en pr
Zrakoplovstvo – Ekoučinkovitost opreme za catering – Dio 02: Pećnice (EN 4855-02:2020)
Aerospace series – ECO efficiency of catering equipment – Part 02: Oven equipment (EN 4855-02:2020)
- HRN EN 4855-03:2020 en pr
Zrakoplovstvo – Ekoučinkovitost opreme za catering – Dio 03: Hladnjaci (EN 4855-03:2020)
Aerospace series – ECO efficiency of catering equipment – Part 03: Chilling equipment (EN 4855-03:2020)
- HRN EN 4855-04:2020 en pr
Zrakoplovstvo – Ekoučinkovitost opreme za catering – Dio 04: Oprema za pripremanje napitaka (EN 4855-04:2020)
Aerospace series – ECO efficiency of catering equipment – Part 04: Beverage makers (EN 4855-04:2020)
- HRN EN 6046:2020 en pr
Zrakoplovstvo – Ležajevi, kuglasti, klizni, od čelika otpornog na koroziju – Uski nizovi – Dimenzije i opterećenja – Nizovi u inčima (EN 6046:2020)
Aerospace series – Bearing, spherical, plain, in corrosion resisting steel – Narrow series – Dimensions and loads – Inch series (EN 6046:2020)
- HRN EN 12312-15:2020 en pr
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 15. dio: Traktori za prtljagu i opremu (EN 12312-15:2020)
Aircraft ground support equipment – Specific requirements – Part 15: Baggage and equipment tractors (EN 12312-15:2020)
- HRN EN 16602-10-09:2020 en pr
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Sustav kontrole nesukladnosti (EN 16602-10-09:2020)
Space product assurance – Nonconformance control system (EN 16602-10-09:2020)
- HRN EN 16602-20:2020 en pr
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Osiguravanje kvalitete (EN 16602-20:2020)
Space product assurance – Quality assurance (EN 16602-20:2020)
- HRN EN 16602-70-17:2020 en pr
Osiguranje kvalitete proizvoda za upotrebu u svemiru – Ispitivanje izdržljivosti prevlaka i površinske završne obrade (EN 16602-70-17:2020)
Space product assurance – Durability testing of coatings and surface finishes (EN 16602-70-17:2020)

HRN EN 16603-50-12:2020 en pr
Svemirsko inženjerstvo – Svemirska komunikacijska mreža SpaceWire – Veze, čvorišta, usmjerivači i mreže (EN 16603-50-12:2020)
Space engineering – SpaceWire – Links, nodes, routers and networks (EN 16603-50-12:2020)

HRI CEN/TR 17447:2020 en pr
Svemir – Pozicioniranje za cestovne Inteligentne transportne sustave (ITS) korištenjem GNSS – Matematički PVT model greške (CEN/TR 17447:2020)
Space – Use of GNSS-based positioning for road Intelligent Transport System (ITS) – Mathematical PVT error model (CEN/TR 17447:2020)

HRI CEN/TR 17448:2020 en pr
Svemir – Pozicioniranje za cestovne Inteligentne transportne sustave (ITS) korištenjem GNSS – Metrika i detaljna definicija razina značajki (CEN/TR 17448:2020)
Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) – Metrics and Performance levels detailed definition (CEN/TR 17448:2020)

HZN/TU V1, *Elektronika 1*

HRN EN IEC 61300-2-4:2019/A1:2020 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-4: Ispitivanja – Zadržavanje vlakana ili kabela (IEC 61300-2-4:2019/am1:2020; EN IEC 61300-2-4:2019/A1:2020)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-4: Tests – Fibre or cable retention (IEC 61300-2-4:2019/am1:2020; EN IEC 61300-2-4:2019/A1:2020)

HRN EN IEC 62941:2020 en pr
Terrestrial photovoltaic (PV) modules – Quality system for PV module manufacturing (IEC 62941:2019; EN IEC 62941:2020)

HRN EN IEC 63171-6:2020 en pr
Connectors for electrical and electronic equipment – Part 6: Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz (IEC 63171-6:2020; EN IEC 63171-6:2020)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 45552:2020 en pr
Opća metoda za procjenu trajnosti proizvoda koji troše energiju (EN 45552:2020)
General method for the assessment of the durability of energy-related products (EN 45552:2020)

HRN EN IEC 60086-6:2020 en pr
Primarne baterije – 6. dio: Vodič za aspekte utjecaja na okoliš (IEC 60086-6:2020; EN IEC 60086-6:2020)
Primary batteries – Part 6: Guidance on environmental aspects (IEC 60086-6:2020; EN IEC 60086-6:2020)

HRN EN 60436:2020 en pr
Električne perilice posuđa za kućansku uporabu – Metode za mjerenje radnih značajki (IEC 60436:2015, MOD; EN 60436:2020)
Electric dishwashers for household use – Methods for measuring the performance (IEC 60436:2015, MOD; EN 60436:2020)

HRN EN IEC 60704-2-7:2020 en pr
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-7: Posebni zahtjevi za sušila za kosu (IEC 60704-2-7:2020; EN IEC 60704-2-7:2020)
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-7: Particular requirements for fans (IEC 60704-2-7:2020; EN IEC 60704-2-7:2020)

HRN EN 62841-3-4:2016/A1:2020 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-4: Posebni zahtjevi za prijenosne stolne brusilice (IEC 62841-3-4:2016/am1:2019; EN 62841-3-4:2016/A1:2020)
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders (IEC 62841-3-4:2016/am1:2019; EN 62841-3-4:2016/A1:2020)

HRN EN 62841-4-1:2020 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 4-1: Posebni zahtjevi za lančane pile (IEC 62841-4-1:2017; EN 62841-4-1:2020)
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-1: Particular requirements for chain saws (IEC 62841-4-1:2017; EN 62841-4-1:2020)

HRN EN IEC 63115-1:2020 en pr
Sekundarni članci i baterije koje sadrže alkalne ili ostale nekisele elektrolite – Zapečaćeni nikal-metalni hidridni punjivi članci i baterije za uporabu u industrijskoj primjeni – 1. dio: Značajke (IEC 63115-1:2020; EN IEC 63115-1:2020)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Sealed nickel-metal hydride cells and batteries for use in industrial applications – Part 1: Performance (IEC 63115-1:2020; EN IEC 63115-1:2020)

HZN/TU Z1, *Informatika 1*

HRN EN ISO/IEC 15408-1:2020 en pr
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 1. dio: Uvod i opći model (ISO/IEC 15408-1:2009; EN ISO/IEC 15408-1:2020)
Information technology – Security techniques – Evaluation criteria for IT security – Part 1: Introduction and general model (ISO/IEC 15408-1:2009; EN ISO/IEC 15408-1:2020)

HRN EN ISO/IEC 15408-2:2020 en pr
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 2. dio: Funkcionalni zahtjevi za sigurnost (ISO/IEC 15408-2:2008; EN ISO/IEC 15408-2:2020)
Information technology – Security techniques – Evaluation criteria for IT security – Part 2: Security functional components (ISO/IEC 15408-2:2008; EN ISO/IEC 15408-2:2020)

HRN EN ISO/IEC 15408-3:2020 en pr
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 3. dio: Jamstveni zahtjevi za sigurnost (ISO/IEC 15408-3:2008; EN ISO/IEC 15408-3:2020)
Information technology – Security techniques – Evaluation criteria for IT security – Part 3: Security assurance components (ISO/IEC 15408-3:2008; EN ISO/IEC 15408-3:2020)

HRN EN ISO/IEC 18045:2020 en pr
Informacijska tehnologija – Sigurnosne tehnike – Metodologija za vrednovanje sigurnosti IT-a (ISO/IEC 18045:2008; EN ISO/IEC 18045:2020)
Information technology – Security techniques – Methodology for IT security evaluation (ISO/IEC 18045:2008; EN ISO/IEC 18045:2020)

HRN EN ISO/IEC 19790:2020 en pr
Informacijska tehnologija – Sigurnosne tehnike – Sigurnosni zahtjevi za kriptografske module (ISO/IEC 19790:2012; EN ISO/IEC 19790:2020)
Information technology – Security techniques – Security requirements for cryptographic modules (ISO/IEC 19790:2012; EN ISO/IEC 19790:2020)

HRN EN ISO/IEC 27019:2020 en pr
Informacijska tehnologija – Sigurnosne tehnike – Kontrola informacijske sigurnosti za elektroenergetsku industriju (ISO/IEC 27019:2017, ispravljena verzija 2019-08; EN ISO/IEC 27019:2020)
Information technology – Security techniques – Information security controls for the energy utility industry (ISO/IEC 27019:2017, Corrected version 2019-08; EN ISO/IEC 27019:2020)

HRN EN ISO/IEC 29134:2020 en pr
Informacijska tehnologija – Sigurnosne tehnike – Smjernice za procjenu utjecaja na privatnost (ISO/IEC 29134:2017; EN ISO/IEC 29134:2020)
Information technology – Security techniques – Guidelines for privacy impact assessment (ISO/IEC 29134:2017; EN ISO/IEC 29134:2020)

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 877 en

Cast iron pipes systems for the evacuation of water from works – Characteristics and test methods
Sustav lijevano željeznih cijevi za odvodnju vode iz zgrada – Značajke i metode ispitivanja

EN 1514-2:2014/prA1:2019 en

Flanges and their joints – Gaskets for PN-designated flanges – Part 2: Spiral wound gaskets for use with steel flanges
Prirubnice i njihovi spojevi – Brtve za prirubnice s PN-oznakom – 2. dio: Spiralne brtve za uporabu s čeličnim prirubnicama

prEN 1515-4 en

Flanges and their joints – Bolting – Part 4: Selection of bolting for equipment subject to the Pressure Equipment Directive 2014/68/EU
Prirubnice i njihovi spojevi – Vijci i matice – 4. dio: Odabir vijaka i matica za opremu obuhvaćenu Direktivom za opremu pod tlakom 97/23/EC

FprEN ISO 7369 en

Pipework – Metal hoses and hose assemblies – Vocabulary (ISO/FDIS 7369:2020)
Cjevovodi – Metalne cijevi i priključci – Terminološki rječnik (ISO/FDIS 7369:2020)

prEN 13555 en

Flanges and their joints – Gasket parameters and test procedures relevant to the design rules for gasketed circular flange connections
Prirubnice i njihovi spojevi – Parametri brtvi i postupci ispitivanja za primjenu pravila projektiranja brtvljenih kružnih prirubničkih spojeva

prEN 14628-1 en

Ductile iron pipes, fittings and accessories – Requirements and test methods – Part 1: PE coatings
Duktilne željezne cijevi, spojni dijelovi i pribor – Zahtjevi i metode ispitivanja – 1. dio: PE prevlake

prEN 14772 en

Flanges and their joints – Quality assurance inspection and testing of gaskets in accordance with the series of standards EN 1514 and EN 12560
Prirubnice i njihovi spojevi – Inspekcija osiguranja kvalitete i ispitivanje brtvi prema nizu norma EN 1514 i EN 12560

EN 14901-1:2014+A1:2019 en

Ductile iron pipes, fittings and accessories – Requirements and test methods for organic coatings of ductile iron fittings and accessories – Part 1: Epoxy coating (heavy duty)
Duktilne željezne cijevi, spojni dijelovi i pribor – Zahtjevi i metode ispitivanja organskih prevlaka spojnih dijelova i pribora od duktilnog željeza – 1. dio: Epoksidne prevlake (za veće opterećenje)

EN 14901-2:2019 en

Ductile iron pipes, fittings and accessories – Requirements and test methods for organic coatings of ductile iron fittings and accessories – Part 2: Thermoplastic acid modified polyolefin coating (TMPO)
Duktilne željezne cijevi, spojni dijelovi i pribor – Zahtjevi i metode ispitivanja organskih prevlaka spojnih dijelova i pribora od duktilnog željeza – 2. dio: Plastomerna poliolefinna prevlaka modificirana kiselinom (TMPO)

prEN 14917 en

Metal bellows expansion joints for pressure applications
Metalni ekspanzioni mijeh za tlačnu primjenu

prEN 15655-2 en

Ductile iron pipes; fittings and accessories – Requirements and test methods for organic linings of ductile iron pipes and fittings – Part 2: Thermoplastic Modified Polyolefin (TMPO) lining of pipes
Duktilne željezne cijevi, spojni dijelovi i pribor – Zahtjevi i metode ispitivanja organskih obloga cijevi i spojnih dijelova od duktilnog željeza – 2. dio: Plastomerna modificirana poliolefinna (TMPO) obloga cijevi

HZN/TO 8, *Brodogradnja*

prEN ISO 7840 en

Small craft – Fire-resistant fuel hoses (ISO/DIS 7840:2020)
Mala plovila – Vatrootporne savitljive cijevi za gorivo (ISO/DIS 7840:2020)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

prEN 54-1 en

Fire detection and fire alarm systems – Part 1: Introduction
Sustavi za otkrivanje i dojavu požara – 1. dio: Uvod

prEN 14972-14 en

Fixed firefighting systems – Water mist systems – Part 14: Test protocol for combustion turbines in enclosures exceeding 260 m³ for open nozzle systems
Stabilni protupožarni sustavi – Sustavi vodene magle – 14. dio: Protokol ispitivanja za sustave otvorenih mlaznica u zatvorenim prostorijama većim od 260 m³ u kojima se nalaze plinske turbine

HZN/TO 22, *Cestovna vozila*

prEN 17278 en

Natural gas vehicles – Vehicle fuelling appliances
Vozila na prirodni plin – Uređaji za punjenje vozila

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

FprEN 703 en

Agricultural machinery – Safety – Silage loading, mixing and/or chopping and distributing machines
Poljoprivredna mehanizacija – Sigurnost – Strojevi za utovar, miješanje i/ili sjeckanje i raspodjelu silaže

EN ISO 4254-1:2015/FprA1 en

Agricultural machinery – Safety – Part 1: General requirements (ISO 4254-1:2013/FDAM 1:2020)
Poljoprivredna mehanizacija – Sigurnost – 1. dio: Opći zahtjevi (ISO 4254-1:2013/FDAM 1:2020)

EN ISO 4254-11:2010/A1:2020 en

Agricultural machinery – Safety – Part 11: Pick-up balers (ISO 4254-11:2010/Amd 1:2020)
Poljoprivredna mehanizacija – Sigurnost – 11. dio: Sakupljač bala (ISO 4254-11:2010/Amd 1:2020)

prEN ISO 4254-18 en

Agricultural machinery – Safety – Part 18: Loader wagons and forage transport wagons (ISO/DIS 4254-18:2019)
Poljoprivredna mehanizacija – Sigurnost – 18. dio: Utovarni vagoni i vagoni za prijevoz krmiva (ISO/DIS 4254-18:2019)

prEN ISO 11680-1 en

Machinery for forestry – Safety requirements and testing for pole-mounted powered pruners – Part 1: Machines fitted with an integral combustion engine (ISO/DIS 11680-1:2020)
Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje za motorne škare za rad na udaljenosti – 1. dio: Strojevi opremljeni motorom s unutrašnjim izgaranjem (ISO/DIS 11680-1:2020)

prEN ISO 11680-2 en

Machinery for forestry – Safety requirements and testing for pole-mounted powered pruners – Part 2: Machines for use with back-pack power source (ISO/DIS 11680-2:2020)
Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje za motorne škare za rad na udaljenosti – 2. dio: Strojevi za upotrebu sa stražnjim izvorom napajanja (ISO/DIS 11680-2:2020)

FprEN ISO 11681-1 en

Machinery for forestry – Portable chain-saw safety requirements and testing – Part 1: Chain-saws for forest service (ISO/FDIS 11681-1:2020)
Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje motornih pila – 1. dio: Lančane pile za šumarsku praksu (ISO/FDIS 11681-1:2020)

FprEN ISO 11681-2:2020 en
Machinery for forestry – Portable chain-saw safety requirements and testing – Part 2: Chain-saws for tree service (ISO/FDIS 11681-2:2020)
Šumarska mehanizacija – Sigurnosni zahtjevi i ispitivanje prijenosnih lančanih pila – 2. dio: Lančane pile za njegu stabala (ISO/FDIS 11681-2:2020)

EN 16952:2018/prA1 en
Agricultural machinery – Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety
Poljoprivredna mehanizacija – Radne platforme za neravni teren za radove u voćnjaku (WPO) – Sigurnost

EN 17344:2020 en
Agricultural machinery – Self-propelled agricultural and forestry vehicles – Requirements for braking
Poljoprivredna mehanizacija – Samokretna poljoprivredna i šumarska vozila – Zahtjevi za kočni sustav

prEN ISO 19472-2 en
Machinery for forestry – Winches – Dimensions, performance and safety – Part 2: Traction aid winches (ISO/DIS 19472-2:2020)
Šumarska mehanizacija – Vitla – Dimenzije, svojstva i sigurnost – 2. dio: Vitla za vučnu pomoć (ISO/DIS 19472-2:2020)

FprEN ISO 22868 en
Forestry and gardening machinery – Noise test code for portable hand-held machines with internal combustion engine – Engineering method (Grade 2 accuracy) (ISO/FDIS 22868:2019)
Šumarska i vrtna mehanizacija – Pravilo za ispitivanje buke prijenosnih ručnih strojeva s motorima s unutrašnjim izgaranjem – Inženjerska metoda (2. stupanj preciznosti) (ISO/FDIS 22868:2019)

HZN/TO 28, Naftni proizvodi i maziva

prEN ISO 22854 en
Liquid petroleum products – Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel – Multidimensional gas chromatography method (ISO/DIS 22854:2020)
Tekući naftni proizvodi – Određivanje vrste ugljikovodika i oksigenata u benzinu i etanolu (E85) kao gorivu gorivu za motorna vozila – Metoda višedimenzionalne plinske kromatografije (ISO/DIS 22854:2020)

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

prEN ISO 4120 en
Sensory analysis – Methodology – Triangle test (ISO/DIS 4120:2020)
Senzorske analize – Metodologija – Test trokuta (ISO/DIS 4120:2020)

prEN ISO 6540 en
Maize – Determination of moisture content (on milled grains and on whole grains) (ISO/DIS 6540:2020)
Kukuruz – Određivanje udjela vlage (mljevenog i cijelog zrnja) (ISO/DIS 6540:2020)

HZN/TO 44, Zavarivanje i srodni postupci

prEN ISO 15615 en
Gas welding equipment – Acetylene manifold systems for welding, cutting and allied processes – Safety requirements in high-pressure devices (ISO/DIS 15615:2020)
Oprema za plinsko zavarivanje – Acetilenski razdjelni sustavi za zavarivanje, rezanje i srodne postupke – Sigurnosni zahtjevi za visokotlačne uređaje (ISO/DIS 15615:2020)

prEN ISO 17279-3 en
Welding – Micro joining of 2nd generation high temperature superconductors – Part 3: Test methods for joints (ISO/DIS 17279-3:2020)
Zavarivanje – Mikrospajanje druge generacije visokotemperaturnih supravodiča – 3. dio: Metode ispitivanja spojeva (ISO/DIS 17279-3:2020)

HZN/TO 71, Beton

EN 206:2013+A1:2016/prA2:2020 en
Concrete – Specification, performance, production and conformity
Beton – Specifikacija, svojstva, proizvodnja i sukladnost

HZN/TO 82, Rudarstvo

FprEN 1804-1 en
Machines for underground mines – Safety requirements for hydraulic powered roof supports – Part 1: Support units and general requirements
Strojevi za podzemne rudnike – Sigurnosni zahtjevi za hidrauličnu samohodnu podgradu – 1. dio: Elementi podgrade i opći zahtjevi

FprEN 1804-2 en
Machines for underground mines – Safety requirements for hydraulic powered roof supports – Part 2: Power set legs and rams
Strojevi za podzemne rudnike – Sigurnosni zahtjevi za hidrauličnu samohodnu podgradu – 2. dio: Stojke i pogonski cilindri

EN ISO 19225:2017/A1:2019 en
Underground mining machines – Mobile extracting machines at the face – Safety requirements for shearer loaders and plough systems (ISO 19225:2017/Amd 1:2019)
Strojevi za podzemne rudnike – Pokretni strojevi za vađenje na širokom čelu – Sigurnosni zahtjevi za rezne valjkaste utovarivače i plugove (ISO 19225:2017/Amd 1:2019)

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

prEN 16583 en
Heat exchangers – Hydronic room fan coils units – Determination of the sound power level
Izmjenjivači topline – Sobni ventilokonvektori voda-zrak – Određivanje razine zvučne snage

prEN ISO 22042 en
Blast chillers and freezers cabinets for professional use – Classification, requirements and test conditions (ISO/DIS 22042:2020)
Rashladni ormari za brzo hlađenje i zamrzavanje za profesionalnu upotrebu – Razredba, zahtjevi i uvjeti ispitivanja (ISO/DIS 22042:2020)

HZN/TO 108, Mehaničke vibracije i udari

prEN ISO 8041-2 en
Human response to vibration – Measuring instrumentation – Part 2: Personal vibration exposure meters (ISO/DIS 8041-2:2020)
Reakcija ljudskog tijela na vibracije – Mjerni instrumenti – 2. dio: Mjerila osobne izloženosti vibracijama (ISO/DIS 8041-2:2020)

HZN/TO 120, Koža i obuća

prEN ISO 17226-1 en
Leather – Chemical determination of formaldehyde content – Part 1: Method using liquid chromatography (ISO/DIS 17226-1:2020)
Koža – Kemijsko određivanje sadržaja formaldehida – 1. dio: Metoda tekućinske kromatografije (ISO/DIS 17226-1:2020)

prEN ISO 21061 en
Footwear – Chemical tests – General principles on the preparation of samples (ISO/DIS 21061:2020)

HZN/TO 121, Anestetička i respiracijska oprema

prEN ISO 16628 en
Anaesthetic and respiratory equipment – Tracheobronchial tubes (ISO/DIS 16628:2020)
Anestetička i respiracijska oprema – Traheobronhijalne cijevi (ISO/DIS 16628:2020)

prEN ISO 80601-2-85 en
Medical electrical equipment – Part 2-85: Particular requirements for basic safety and essential performance of cerebral tissue oximeter equipment (ISO/DIS 80601-2-85:2020)
Medicinska električna oprema – Dio 2-85: Posebni zahtjevi za osnovnu sigurnost i nužne značajke cerebralnih oksimetara (ISO/DIS 80601-2-85:2020)

HZN/TO 136, Namještaj

EN 14749:2016/prA1 en
Furniture – Domestic and kitchen storage units and kitchen-worktops – Safety requirements and test methods
Namještaj – Kućni i kuhinjski elementi za pohranu i kuhinjske radne ploče – Sigurnosni zahtjevi i metode ispitivanja

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

prEN ISO 13259 en
Thermoplastics piping systems for underground non-pressure applications – Test method for leaktightness of elastomeric sealing ring type joints (ISO/DIS 13259:2020)
Plastomerni cijevni sustavi za podzemnu netlaču primjenu – Metoda ispitivanja nepropusnosti spojeva s elastomernom prstenastom brtvom (ISO/DIS 13259:2020)

HZN/TO 146, *Kvaliteta zraka*

prEN 14031 en
Workplace exposure – Quantitative measurement of airborne endotoxins

HZN/TO 163, *Toplinska izolacija*

EN 13497:2018/prA1 en
Thermal insulation products for building applications – Determination of the resistance to impact of external thermal insulation composite systems (ETICS)
Toplinsko-izolacijski proizvodi za primjenu u zgradarstvu – Određivanje otpornosti na udar povezanih sustava za vanjsku toplinsku izolaciju (ETICS)

HZN/TO 172, *Optika i optički instrumenti*

prEN ISO 11807-1 en
Integrated optics – Vocabulary – Part 1: Optical waveguide basic terms and symbols (ISO/DIS 11807-1:2020)
Integrirana optika – Terminološki rječnik – 1. dio: Osnovni pojmovi i simboli optičkog valovoda (ISO/DIS 11807-1:2020)

prEN ISO 11807-2 en
Integrated optics – Vocabulary – Part 2: Terms used in classification (ISO/DIS 11807-2:2020)
Integrirana optika – Terminološki rječnik – 2. dio: Nazivlje koje se upotrebljava pri razredbi (ISO/DIS 11807-2:2020)

prEN ISO 14881 en
Integrated optics – Interfaces – Parameters relevant to coupling properties (ISO/DIS 14881:2020)
Integrirana optika – Povezivanje – Parametri relevantni za spajanje (ISO/DIS 14881:2020)

HZN/TO 207, *Upravljanje okolišem*

prEN ISO 14007 en
Environmental management – Guidelines for determining environmental costs and benefits (ISO 14007:2019)

prEN ISO 14008 en
Monetary valuation of environmental impacts and related environmental aspects (ISO 14008:2019)

HZN/TO 221, *Geosintetici*

prEN ISO 25619-1 en
Geosynthetics – Determination of compression behaviour – Part 1: Compressive creep properties (ISO/DIS 25619-1:2020)
Geosintetici – Određivanje ponašanja pri opterećenju tlakom – 1. dio: Svojstva puzanja pri opterećenju tlakom (ISO/DIS 25619-1:2020)

HZN/TO 238, *Čvrsta biogoriva*

prEN ISO 16559 en
Solid biofuels – Terminology, definitions and descriptions (ISO/DIS 16559:2020)
Čvrsta biogoriva – Nazivlje, definicije i opisi (ISO/DIS 16559:2020)

HZN/TO 503, *Metalni materijali*

prEN ISO 6931-1 en
Stainless steels for springs – Part 1: Wire (ISO 6931-1:2016)

prEN ISO 15349-2 en
Unalloyed steel – Determination of low carbon content – Part 2: Infrared absorption method after combustion in an induction furnace (with preheating) (ISO/DIS 15349-2:2020)
Nelegirani čelik – Određivanje niskog sadržaja ugljika – 2. dio: Metoda infracrvene apsorpcije nakon izgaranja u indukcijskoj peći (s predgrijavanjem) (ISO/DIS 15349-2:2020)

HZN/TO 504, *Korozija i zaštita metala i legura*

prEN ISO 1460 en
Metallic coatings – Hot dip galvanized coatings on ferrous materials – Gravimetric determination of the mass per unit area (ISO/DIS 1460:2020)
Metalne prevlake – Vruće pocinčane prevlake na željeznim i čeličnim predmetima – Gravimetrijsko određivanje mase po jedinici površine (ISO/DIS 1460:2020)

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

prEN ISO 19901-5 en
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 5: Weight management (ISO/DIS 19901-5:2020)
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne konstrukcije – 5. dio: Određivanje i kontrola težina (ISO/DIS 19901-5:2020)

prEN ISO 23251 en
Petroleum, petrochemical and natural gas industries – Pressure-relieving and depressuring systems (ISO 23251:2019)
Industrija nafte, petrokemije i prirodnog plina – Sustavi za rasterećenje i kompenzaciju tlaka (ISO 23251:2019)

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

prEN 508-1 en
Roofing and cladding products from metal sheet – Specification for self-supporting products of steel, aluminium or stainless steel sheet – Part 1: Steel
Proizvodi od lima za pokrivanje krovova i oblaganje zidova – Specifikacija za samonosive proizvode od čeličnog, aluminijskog ili nehrđajućeg čeličnog lima – 1. dio: Čelik

prEN 534 en
Corrugated bitumen sheets – Product specification and test methods
Valovite bitumenske ploče – Specifikacija proizvoda i metode ispitivanja

HZN/TO 531, *Plastika i guma*

prEN ISO 1402 en
Rubber and plastics hoses and hose assemblies – Hydrostatic testing (ISO/DIS 1402:2020)
Gumena i plastična crijeva i crijevni uređaji – Hidrostatičko ispitivanje (ISO/DIS 1402:2020)

prEN 12613 en
Plastics warning devices for underground cables and pipelines with visual characteristics
Plastične upozoravajuće oznake za podzemne kabele i cjevovode s vizualnim karakteristikama

prEN 15344 en
Plastics – Recycled plastics – Characterisation of Polyethylene (PE) recyclates
Plastika – Reciklirana plastika – Karakterizacija polietilenskih (PE) reciklata

prEN 16296 en
Imperfections in thermoplastics welded joints – Quality levels
Nesavršenosti u termoplastičnim zavarenim spojevima – Razine kvalitete

HZN/TO 533, *Kolničke konstrukcije*

prEN 17392-1 en
Sustainability of construction works – Environmental product declarations – Core rules for road materials – Part 1: Bituminous mixtures
Održivost građevina – Izjava zaštite okoliša – Osnovna pravila za cestovne materijale – 1. dio: Bitumenske mješavine

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

prEN 17490 en
Determination of screw pull out forces from screw thread channels
Određivanje nosivosti samoreznih vijaka na izvlačenje iz profiliranih utora

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

- prEN ISO 11855-1 en
Building environment design – Embedded radiant heating and cooling systems – Part 1: Definitions, symbols, and comfort criteria (ISO/DIS 11855-1:2020)
- prEN ISO 11855-2 en
Building environment design – Embedded radiant heating and cooling systems – Part 2: Determination of the design heating and cooling capacity (ISO/DIS 11855-2:2020)
- prEN ISO 11855-3 en
Building environment design – Embedded radiant heating and cooling systems – Part 3: Design and dimensioning (ISO/DIS 11855-3:2020)
- prEN ISO 11855-4 en
Building environment design – Embedded radiant heating and cooling systems – Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO/DIS 11855-4:2020)
- prEN 13321-1 en
Open data communication in building automation, controls and building management – Home and building electronic system – Part 1: Product and system requirements
Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Elektronički sustavi za obiteljske kuće i zgrade – 1. dio: Zahtjevi za proizvode i sustave
- prEN 15650 en
Ventilation for buildings – Fire dampers
Ventilacija u zgradama – Protupožarne zaklopke
- prEN 15805 en
Particulate air filters for general ventilation – Standardised dimensions
Filtri za čestice pri općoj ventilaciji – Standardne dimenzije
- EN 16282-3:2016/prA1 en
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 3: Kitchen ventilation ceilings, design and safety requirements
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 3. dio: Kuhinjski ventilacijski stropovi, projektiranje i sigurnosni zahtjevi
- EN 16282-7:2017/prA1 en
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 7: Installation and use of fixed fire suppression systems
Oprema za profesionalne kuhinje – Komponente za ventilaciju u profesionalnim kuhinjama – 7. dio: Instaliranje i uporaba fiksnih sustava za gašenje požara
- EN ISO 20361:2019/A11:2020 en
Liquid pumps and pumps units – Noise test code – Grades 2 and 3 of accuracy
Pumpe i pumpne jedinice za kapljevine – Ispitna pravila za mjerenje buke – 2. i 3. razred točnosti

HZN/TO 550, Opskrba vodom

- prEN 888 en
Chemicals used for treatment of water intended for human consumption – Iron (III) chloride
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Željezo (III) klorid
- prEN 889 en
Chemicals used for treatment of water intended for human consumption – Iron (II) sulfate
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Željezo (II) sulfat
- prEN 890 en
Chemicals used for treatment of water intended for human consumption – Iron (III) sulfate solution
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Otopina željezo (III) sulfata
- prEN 891 en
Chemicals used for treatment of water intended for human consumption – Iron (III) chloride sulfate
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Željezo (III) klorid sulfat

prEN 1018 en
Chemicals used for treatment of water intended for human consumption – Calcium carbonate
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Kalcijev karbonat

prEN 14664 en
Chemicals used for treatment of water intended for human consumption – Iron (III) sulfate, solid
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Kruti željezo (III) sulfat

HZN/TO 556, Osobna zaštitna oprema

- prEN ISO 19734 en
Eye and face protection – Guidance on selection, use and maintenance (ISO/DIS 19734:2020)
Zaštita očiju i lica – Upute za odabir, upotrebu i održavanje (ISO/DIS 19734:2020)
- EN ISO 20349-1:2017/prA1 en
Personal protective equipment – Footwear protecting against risks in foundries and welding – Part 1: Requirements and test methods for protection against risk in foundries (ISO 20349-1:2017/DAM 1:2020)
Osobna zaštitna oprema – Obuća za zaštitu od rizika u ljevaonicama i pri zavarivanju – 1. dio: Zahtjevi i metode ispitivanja za zaštitu od rizika u ljevaonicama (ISO 20349-1:2017/DAM 1:2020)
- EN ISO 20349-2:2017/prA1 en
Personal protective equipment – Footwear protecting against risks in foundries and welding – Part 2: Requirements and test methods for protection against risks in welding and allied processes (ISO 20349-2:2017/DAM 1:2020)
Osobna zaštitna oprema – Obuća za zaštitu od rizika u ljevaonicama i pri zavarivanju – 2. dio: Zahtjevi i metode ispitivanja za zaštitu od rizika pri zavarivanju i srodnim postupcima (ISO 20349-2:2017/DAM 1:2020)

HZN/TO 560, Tekstilni proizvodi

- prEN ISO 9073-4 en
Textiles – Test methods for nonwovens – Part 4: Determination of tear resistance (ISO/DIS 9073-4:2020)
Tekstil – Metode ispitivanja netkanog tekstila – 4. dio: Određivanje otpornosti na cijepanje (ISO/DIS 9073-4:2020)
- prEN ISO 20743 en
Textiles – Determination of antibacterial activity of textile products (ISO/DIS 20743:2020)
Tekstil – Određivanje antibakterijske aktivnosti tekstilnih proizvoda (ISO/DIS 20743:2020)

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

- prEN 13760 en
LPG equipment and accessories – Automotive LPG filling system for light and heavy duty vehicles – Nozzle, test requirements and dimensions
Oprema i pribor za UNP – Sustav za punjenje lakih i teških vozila UNP-om – Mlaznice, ispitni zahtjevi i dimenzije
- EN 16647:2015/prA1 en
Fireplaces for liquid fuels – Decorative appliances producing a flame using alcohol based or gelatinous fuel – Use in private households
Kamini na tekuća goriva – Dekorativni uređaji koji stvaraju plamen upotrebom goriva na bazi alkohola ili želatine – Upotreba u kućanstvima

HZN/TO 562, Alatni strojevi i alati

- EN 12413:2019 en
Safety requirements for bonded abrasive products
Sigurnosni zahtjevi za proizvode od lijepljenih abraziva
- FprEN ISO 16092-2 en
Machine tools safety – Presses – Part 2: Safety requirement for mechanical presses (ISO/FDIS 16092-2:2019)
Sigurnost alatnih strojeva – Preše – 2. dio: Sigurnosni zahtjevi za mehaničke preše (ISO/FDIS 16092-2:2019)
- FprEN ISO 16092-4 en
Machine tools safety – Presses – Part 4: Safety requirements for pneumatic presses (ISO/FDIS 16092-4:2019)
Sigurnost alatnih strojeva – Preše – 4. dio: Sigurnosni zahtjevi za pneumatske preše (ISO/FDIS 16092-4:2019)

- prEN ISO 19085-1 en
Woodworking machines – Safety – Part 1: Common requirements (ISO/DIS 19085-1:2019)
Strojevi za obradu drva – Sigurnost – 1. dio: Opći zahtjevi (ISO/DIS 19085-1:2019)
- prEN ISO 19085-14 en
Woodworking machines – Safety – Part 14: Four-sided moulding machines (ISO/DIS 19085-14:2019)
Strojevi za obradu drva – Sigurnost – 14. dio: Četverostrani stroj za kalupiranje (ISO/DIS 19085-14:2019)
- prEN ISO 19085-16 en
Woodworking machines – Safety – Part 16: Table band saws and band re-saws (ISO/DIS 19085-16:2018)
Strojevi za obradu drva – Sigurnost – 16. dio: Stolne tračne pile i tračne pile (ISO/DIS 19085-16:2018)
- prEN ISO 19085-17 en
Woodworking machines – Safety requirements – Part 17: Edge-banding machines fed by chains (ISO/DIS 19085-17:2019)
Strojevi za obradu drva – Sigurnosni zahtjevi – 17. dio: Strojevi za lijepljenje bridova pogonjeni lancima (ISO/DIS 19085-17:2019)
- prEN ISO 28881 en
Machine tools – Safety – Electrical discharge machines (ISO/DIS 28881:2019)
Alatni strojevi – Sigurnost – Strojevi za elektroeroziju (ISO/DIS 28881:2019)

HZN/TO 563, Sigurnost strojeva

- prEN 1034-1 en
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 1: Common requirements
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 1. dio: Opći zahtjevi
- prEN 1034-4 en
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 4: Pulpers and their loading facilities
Sigurnost strojeva – Sigurnosni zahtjevi za projektiranje i konstrukciju strojeva za izradu i završnu obradu papira – 4. dio: Strojevi za pripremu pulpe i uređaji za njihovo punjenje
- prEN 1672-2 en
Food processing machinery – Basic concepts – Part 2: Hygiene requirements
Strojevi za preradu hrane – Osnovni pojmovi – 2. dio: Higijenski zahtjevi
- FprEN 12331 en
Food processing machinery – Mincing machines – Safety and hygiene requirements
Strojevi za preradu hrane – Strojevi za mljevenje – Sigurnosni i higijenski zahtjevi
- prEN 12355 en
Food processing machinery – Derinding-, skinning- and membrane removal machines – Safety and hygiene requirements
Strojevi za preradu hrane – Strojevi za odvajanje i ljuštenje kože i uklanjanje opne – Sigurnosni i higijenski zahtjevi
- FprEN 12463 en
Food processing machinery – Filling machines and interchangeable equipment – Safety and hygiene requirements
Strojevi za preradu hrane – Strojevi za punjenje i zamjenjiva oprema – Sigurnosni i higijenski zahtjevi
- prEN ISO 12643-1 en
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 1: General requirements (ISO/DIS 12643-1:2018)
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 1. dio: Opći zahtjevi (ISO/DIS 12643-2:2018)
- prEN ISO 12643-2 en
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 2: Prepress and press equipment and systems (ISO/DIS 12643-2:2018)
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 2. dio: Oprema i sustavi za predtisak i tisak (ISO/DIS 12643-2:2018)

- prEN ISO 12643-3 en
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 3: Binding and finishing equipment and systems (ISO/DIS 12643-3:2020)
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 3. dio: Oprema i sustavi za uvezivanje i doradu (ISO/DIS 12643-3:2020)
- prEN ISO 12643-4 en
Graphic technology – Safety requirements for graphic technology equipment and systems – Part 4: Converting equipment and systems (ISO/DIS 12643-4:2020)
Grafička tehnologija – Sigurnosni zahtjevi za opremu i sustave za grafičku tehnologiju – 4. dio: Oprema i sustavi za obradu (ISO/DIS 12643-4:2014)
- prEN 13732 en
Food processing machinery – Bulk milk coolers on farms – Requirements for performance, safety and hygiene
Strojevi za preradu hrane – Hladnjaci za mlijeko u rinfuzi na farmama – Zahtjevi za izvedbu, sigurnost i higijenu
- prEN 13885 en
Food processing machinery – Clipping machines – Safety and hygiene requirements
Strojevi za preradu hrane – Strojevi za zatvaranje – Sigurnosni i higijenski zahtjevi
- EN 15467:2014/prA1 en
Food processing machinery – Fish heading and filleting machines – Safety and hygiene requirements
Strojevi za preradu hrane – Strojevi za skidanje glave i filetiranje ribe – Sigurnosni i higijenski zahtjevi

- prEN 17443 en
Winter service equipment – Brine production systems – Requirements and test methods
Oprema za zimsku službu – Sustavi za proizvodnju slane vode – Zahtjevi i metode ispitivanja

- prEN ISO 21260 en
Safety of machinery – Mechanical safety data for physical contacts between moving machinery and persons (ISO/DIS 21260:2018)
Sigurnost strojeva – Mehanički podaci o sigurnosti fizičkih kontakata između pokretnih dijelova strojeva i osoba (ISO/DIS 21260:2018)

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

- prEN ISO 6888-1 en
Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 1: Technique using Baird-Parker agar medium (ISO/DIS 6888-1:2020)
Mikrobiologija u lancu hrane – Horizontalna metoda određivanja broja koagulaza-pozitivnih stafilocoka (Staphylococcus aureus i ostale vrste) – 1. dio: Postupak primjene Baird-Parkrove hranjive podloge na agaru (ISO/DIS 6888-1:2020)
- prEN ISO 6888-2 en
Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 2: Technique using rabbit plasma fibrinogen agar medium (ISO/DIS 6888-2:2020)
Mikrobiologija u lancu hrane – Horizontalna metoda određivanja broja koagulaza-pozitivnih stafilocoka (Staphylococcus aureus i ostale vrste) – 2. dio: Postupak primjene agara s fibrinogenom plazme kunića (ISO/DIS 6888-2:2020)

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

- EN 892:2012+A1:2016/prA2 en
Mountaineering equipment – Dynamic mountaineering ropes – Safety requirements and test methods
Planinarska oprema – Dinamička užad – Sigurnosni zahtjevi i metode ispitivanja
- EN 13089:2011+A1:2015/prA2 en
Mountaineering equipment – Ice-tools – Safety requirements and test methods
Planinarska oprema – Oruđe za led – Sigurnosni zahtjevi i metode ispitivanja

HZN/TO 572, *Kruta oporabljena goriva*

prEN ISO 21640 en
Solid recovered fuels – Specifications and classes
(ISO/DIS 21640:2020)
Kruta oporabljena goriva – Specifikacije i klase
(ISO/DIS 21640:2020)

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

prEN ISO 12404 en
Soil quality – Guidance on the selection and application of screening methods (ISO/DIS 12404:2020)
Kvaliteta tla – Upute za odabir i primjenu metoda provjere
(ISO/DIS 12404:2020)

prEN 14735 en
Characterization of waste – Preparation of waste samples for ecotoxicity tests
Karakterizacija otpada – Priprema uzoraka otpada za ispitivanja ekotoksičnosti

prEN 15935 en
Sludge, treated biowaste, soil and waste – Determination of loss on ignition
Muljevi, obrađeni biootpad, tlo i otpad – Određivanje gubitka žarenjem

HZN/TO E17, *Sklopni i upravljački uređaji*

prEN IEC 62271-100:2020 en
High-voltage switchgear and controlgear – Part 100: Alternating current circuit-breakers (IEC 62271-100:202X)
Visokonaponska sklopna aparatura – 100. dio: Prekidači izmjenične struje (IEC 62271-100:202X)

prEN IEC 62271-105:2020 en
High-voltage switchgear and controlgear – Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV (IEC 62271-105:202X)
Visokonaponska sklopna aparatura – 105. dio: Sklopke s osiguračima izmjenične struje za nazivne napone iznad 1 kV do uključujući 52 kV (IEC 62271-105:202X)

HZN/TO E20, *Električni kabeli*

prEN 50397-1 en
Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV AC and not exceeding 36 kV AC – Part 1: Covered conductors
Izolirani vodiči za nadzemne vodove i njihov pribor za nazivne napone iznad 1 kV ali ne veće od 36 kV izmjenične struje – 1. dio: Izolirani vodiči

prEN 50399 en
Common test methods for cables under fire conditions – Heat release and smoke production measurement on cables during flame spread test – Test apparatus, procedures, results
Opće metode ispitivanja kabela pod djelovanjem vatre – Mjerenje otpuštanja topline i stvaranje dima na kablama pri ispitivanju širenjem plamena – Ispitni uređaji, postupci, rezultati

HZN/TO E23, *Električni instalacijski pribor*

EN 61009-1:2012/prAC en
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Annex N – Additional requirements and tests for RCBOs consisting of one residual current protection function and several independent two-pole overcurrent protection functions
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – Dodatak N – Dodatni zahtjevi i ispitivanja za RCBO-e koji imaju jednu funkciju zaštite diferencijalnom strujom i više nezavisnih funkcija dvopolne nadstrujne zaštite

HZN/TO E31, *Eksplzivne atmosfere*

prEN IEC 60079-26:2020 en
Explosive atmospheres – Part 26: Equipment with separation elements or combined Levels of Protection (IEC 60079-26:201X)
Eksplzivne atmosfere – 26. dio: Oprema s elementima za odvajanje ili kombiniranim razinama zaštite (IEC 60079-26:201X)

HZN/TO E45, *Nuklearna instrumentacija*

prEN IEC 62645:2020 en
Nuclear power plants – Instrumentation; control and electrical power systems – Cybersecurity requirements (IEC 62645:2019)

prEN IEC 62859:2020 en
Nuclear power plants – Instrumentation and control systems – Requirements for coordinating safety and cybersecurity (IEC 62859:2016+am1:2019)

HZN/TO E55, *Žice za namote*

prEN IEC 60172 en
Test procedure for the determination of the temperature index of enamelled and tape wrapped winding wires (IEC 60172:201X)
Postupak ispitivanja za određivanje indeksa temperature lakiranih i trakom omotanih žica za namote (IEC 60172:201X)

HZN/TO E61, *Sigurnost električnih kućanskih i sličnih aparata*

EN 60335-1:2012/prA15 en
Household and similar electrical appliances – Safety – Part 1: General requirements
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi

prEN IEC 60335-2-11 en
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-11: Posebni zahtjevi za sušilice s bubnjem (IEC 60335-2-11:2019)

prEN IEC 60335-2-11:2020/prAA en
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers
Kućanski i slični električni aparati – Sigurnost – Dio 2-11: Posebni zahtjevi za sušilice s bubnjem

EN 60335-2-17:2013/prA2 en
Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances (IEC 60335-2-17:2012/am2:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-17: Posebni zahtjevi za grijače pokrivače, jastuke i slične savitljive grijače aparate (IEC 60335-2-17:2012/am2:2019)

prEN IEC 60335-2-32 en
Household and similar electrical appliances – Safety – Part 2-32: Particular requirements for massage appliances (IEC 60335-2-32:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-32: Posebni zahtjevi za masažne aparate (IEC 60335-2-32:2019)

prEN IEC 60335-2-43:20XX/prAA en
Household and similar electrical appliances – Safety – Part 2-43: Particular requirements for clothes dryers and towel rails
Kućanski i slični električni aparati – Sigurnost – Dio 2-43: Posebni zahtjevi za sušilice odjeće i ručnika

prEN IEC 60335-2-7 en
Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machine (IEC 60335-2-7:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja (IEC 60335-2-7:2019)

prEN IEC 60335-2-7:2020/prAA:2020 en
Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machine
Kućanski i slični električni aparati – Sigurnost – Dio 2-7: Posebni zahtjevi za perilice rublja

prEN IEC 60335-2-9 en
Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (IEC 60335-2-9:2019)
Kućanski i slični električni aparati – Sigurnost – Dio 2-9: Posebni zahtjevi za roštilje, pržila kruha i slične prijenosne aparate za kuhanje (IEC 60335-2-9:2019)

prEN IEC 60335-2-9:2020/prAA en
Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-9: Posebni zahtjevi za roštilje, pržila kruha i slične prijenosne aparate za kuhanje

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

prEN IEC 61784-3-X:2020 en
Industrial communication networks – Profiles – Part 3-X: Functional safety fieldbuses – Additional specifications for CPF X (IEC 61784-3-X:201X)

prEN IEC 62439-2:2020 en
Industrial communication networks – High availability automation networks – Part 2: Media Redundancy Protocol (MRP) (IEC 62439-2:201X)
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti – 2. dio: Protokol zalihosti sredstava (IEC 62439-2:201X)

prEN IEC 62439-3:2020 en
Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR) (IEC 62439-3:201X)
Industrijske komunikacijske mreže – Automacijske mreže velike raspoloživosti – 3. dio: Protokol usporedne zalihosti (PRP) i neograničene zalihosti velike raspoloživosti (HSR) (IEC 62439-3:201X)

HZN/TO E79, Alarmni sustavi

EN 50136-3:2013/prA1 en
Alarm systems – Alarm transmission systems and equipment – Part 3: Requirements for Receiving Centre Transceiver (RCT)
Alarmni sustavi – Sustavi i uređaji za prijenos signala alarma – 3. dio: Zahtjevi za primopredajnik prijemnog centra (RCT)

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

EN IEC 60098:2020 en
Analogue audio disk records and reproducing equipment

prEN IEC 63245-1:2020 en
Management and Interfaces for WPT – Spatial wireless power transfer based on multiple magnetic resonances (SWPT-MMR) – Part 1: Requirements (TA 15) (IEC 63245-1:201X)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

prEN 55035:2020 en
Electromagnetic compatibility of multimedia equipment – Immunity requirements (CISPR 35:201X)
Elektromagnetska kompatibilnost multimedijских uređaja – Zahtjevi za otpornost (CISPR 35:201X)

HZN/TO T4, Normizacija u telekomunikacijama

EN 300 019-2-8 V2.2.1:2020 en
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-8: Specification of environmental tests – Stationary use at underground locations
Ekoinženjering (EE) – Uvjeti i ispitivanja telekomunikacijske opreme s obzirom na okoliš – Dio 2-8: Specifikacija ispitivanja s obzirom na okoliš – Stacionarna primjena na podzemnim lokacijama

Draft EN 300 113 V2.3.0:2020 en
Land Mobile Service – Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector
Kopnena pokretna služba – Radijska oprema namijenjena za prijenos podataka (i/ili govora) primjenom stalne ili promjenjive modulacije ovojnice i koja ima antenski priključak

Draft EN 301 908-2 V13.0.1:2020 en
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)
Celularne mreže IMT – Harmonizirana norma za pristup radijskom spektru – 2. dio: Korisnička oprema (UE) za CDMA s izravnim proširenjem (UTRA FDD)

Draft EN 302 296 V2.2.0:2020 en
Digital Terrestrial TV Transmitters – Harmonised Standard for access to radio spectrum
Digitalni terestrijalni TV odašiljači – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 213-1 V2.0.1:2020 en
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 1: Community Specification for A-SMGCS surveillance service including external interfaces
Napredni sustav vođenja i kontrole kretanja površinom (A-SMGCS) – 1. dio: Specifikacija zajednice za A-SMGCS nadzorni servis uključujući vanjska sučelja

Draft EN 303 213-2 V2.0.1:2020 en
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 2: Community Specification for A-SMGCS airport safety support service
Napredni sustav vođenja i kontrole kretanja površinom (A-SMGCS) – 2. dio: Specifikacija zajednice za A-SMGCS servis podrške sigurnosti zrakoplovne luke

EN 303 213-5-1 V1.1.1:2020 en
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment – Sub-part 1: Receivers and Interrogators
Napredni sustav vođenja i kontrole kretanja površinom (A-SMGCS) – 5. dio: Harmonizirana norma za pristup radijskom spektru za opremu multilateracije (MLAT) – 1. poddio: Prijamnici i upitivači

Draft EN 303 213-7 V2.0.1:2020 en
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 7: Community Specification for A-SMGCS routing service
Napredni sustav vođenja i kontrole kretanja površinom (A-SMGCS) – 7. dio: Specifikacija zajednice za A-SMGCS servis usmjeravanja

Draft EN 303 641 V1.1.2:2020 en
Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) reconfiguration requirements
Rekonfigurabilni radijski sustavi (RRS) – Rekonfiguracijski zahtjevi radijske opreme (RE)

Draft EN 319 412-5 V2.2.3:2020 en
Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 5: QC Statements
Elektronički potpisi i infrastrukture (ESI) – Profili certifikata – 5. dio: QC izjave

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

prEN ISO 22300 en
Security and resilience – Vocabulary (ISO/DIS 22300:2020)
Sigurnost i elastičnost – Terminološki rječnik (ISO/DIS 22300:2020)

prEN 50710 en
Guidelines and requirements for Remote Services for fire safety and security systems

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

prEN ISO 4629-3 en
Binders for paints and varnishes – Determination of hydroxyl value – Part 3: Rapid test (ISO 4629-3:2018)
Veziva za boje i lakove – Određivanje hidroksilnog broja – 3. dio: Brzi test (ISO 4629-3:2018)

prEN ISO 9038 en
Determination of sustained combustibility of liquids (ISO/DIS 9038:2020)
Određivanje održavanja gorenja kapljevine (ISO/DIS 9038:2020)

prEN 15457 en
Paints and varnishes – Laboratory method for testing the efficacy of film preservatives in a coating against fungi
Boje i lakovi – Laboratorijska metoda za ispitivanje djelotvornosti zaštitnih sredstava protiv gljiva na filmu prekrivnog materijala

prEN 16980-1 en
Photocatalysis – Continuous flow test methods – Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials
Fotokatalizatori – Metode ispitivanja kontinuiranog protoka – 1. dio: Određivanje degradacije dušikovog monoksida (NO) u zraku fotokatalitičkim materijalima

prEN 16981 en
Photocatalysis – Glossary of terms
Fotokatalizatori – Rječnik naziva

prEN 17480 en
Algae and algae products – Methods for the determination of productivity of algae growth sites
Alge i proizvodi od alga – Metode određivanja produktivnosti rasta alga

HZN/TU I1, Strojarstvo 1

prEN ISO 11102-1 en
Reciprocating internal combustion engines – Handle starting equipment – Part 1: Safety requirements and tests (ISO/DIS 11102-1:2020)
Klipni motori s unutrašnjim izgaranjem – Oprema za ručno pokretanje – 1. dio: Sigurnosni zahtjevi i ispitivanja (ISO/DIS 11102-1:2020)

EN 16486:2014/FprA1 en
Machines for compacting waste materials or recyclable fractions – Compactors – Safety requirements
Strojevi za zbijanje otpada ili recikliranih frakcija – Zbjaci – Sigurnosni zahtjevi

HZN/TU I2, Strojarstvo 2

prEN ISO 23063 en
Foundry machinery – Safety requirements for high pressure die casting machines (ISO/DIS 23063:2020)
Strojevi za lijevanje – Sigurnosni zahtjevi za strojeve za lijevanje pod visokim tlakom (ISO/DIS 23063:2020)

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

prEN ISO 14708-4 en
Implants for surgery – Active implantable medical devices – Part 4: Implantable infusion pumps (ISO/DIS 14708-4:2020)
Kirurški implantati – Aktivni implantabilni medicinski uređaji – 4. dio: Implantabilne infuzijske pumpe (ISO/DIS 14708-4:2020)

EN ISO 15841:2014/prA1 en
Dentistry – Wires for use in orthodontics (ISO 15841:2014/DAM 1:2020)
Stomatologija – Žice za upotrebu u ortodontiji (ISO 15841:2014/DAM 1:2020)

EN ISO 17254:2016/prA1 en
Dentistry – Coiled springs for use in orthodontics (ISO 17254:2016/DAM 1:2020)
Stomatologija – Spiralne opruge za upotrebu u ortodontiji (ISO 17254:2016/DAM 1:2020)

prEN ISO 21856 en
Assistive products – General requirements and test methods (ISO/DIS 21856:2020)
Pomagala za osobe s invaliditetom – Opći zahtjevi i metode ispitivanja (ISO/DIS 21856:2020)

prEN ISO 23450 en
Dentistry – Intraoral camera (ISO/DIS 23450:2020)
Stomatologija – Intraoralna kamera (ISO/DIS 23450:2020)

HZN/TU U1, Opća elektrotehnika 1

prEN IEC 60068-2-11:2020 en
Basic environmental testing procedures – Part 2-11: Tests – Test Ka: Salt mist (IEC 60068-2-11:201X)
Osnovni postupci ispitivanja utjecaja okoliša – Dio 2-11: Ispitivanja – Ka ispitivanje: Slana magla (IEC 60068-2-11:201X)

prEN IEC 60068-2-13:2020 en
Environmental testing – Part 2-13: Tests – Test M: Low air pressure (IEC 60068-2-13:201X)
Ispitivanje utjecaja okoliša – Dio 2-13: Ispitivanja – M ispitivanje: Niski tlak zraka (IEC 60068-2-13:201X)

prEN IEC 61788-17:2020 en
Superconductivity – Part 17: Electronic characteristic measurements – Local critical current density and its distribution in large-area superconducting films (IEC 61788-17:201X)
Supravodljivost – 17. dio: Mjerenja elektroničkih karakteristika – Lokalna gustoća kritične struje i njezina raspodjela u supravodljivim slojevima velike površine (IEC 61788-17:201X)

HZN/TU V1, Elektronika 1

prEN 50090-6-2 en
Home and Building Electronic Systems (HBES) – Part 6-2: IoT Semantic Ontology_Model_Description

prEN 50377-4-3 en
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 4-3: Type SC/APC simplex 9° terminated on EN 60793-2-50 of type B-652.D and B-657.A singlemode fibre with full zirconia ferrule; category OP

prEN 50377-15-1 en
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 15-1: Type MPO with 12 fibre PPS ferrules terminated on EN 60793-2 category A1a multimode fibre for 50/125 micron multimode fibre - macrobend enhanced fibre only

FprEN 61010-2-030:2016/prAA en
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-030: Particular requirements for equipment having testing or measuring circuits
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-030: Posebni zahtjevi za ispitne i mjerne krugove

FprEN 61010-2-034:2016/prAA en
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-034: Posebni zahtjevi za opremu za mjerenje otpora izolacije i opremu za ispitivanje električne čvrstoće

EN 61010-031:2015/prAA en
Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 031: Sigurnosni zahtjevi za ručne sonde za električna mjerenja i ispitivanja

prEN IEC 61076-2-010:2020 en
Connectors for electrical and electronic equipment – Product requirements – Part 2-010: Circular connectors – Detail specification for push pull connectors with outer locking mechanism, based on mating interfaces according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-1132-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-113 (IEC 61076-2-010:201X)

EN IEC 61837-2:2018/prA1:2020 en
Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 2: Ceramic enclosures (IEC 61837-2:2018/am1:202X)

prEN IEC 62148-15:2020 en
Fibre optic active components and devices – Package and interface standards – Part 15: Discrete vertical cavity surface emitting laser packages (IEC 62148-15:202X)

prEN IEC 62153-4-16:2020 en
Metallic cables and other passive components test methods – Part 4-16: Electromagnetic compatibility (EMC) – Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up (IEC 62153-4-16:201X)

prEN IEC 63287-1:2020 en
Semiconductor devices – Generic semiconductor qualification guidelines – Part 1: Guidelines for LSI reliability qualification (IEC 63287-1:202X)

HZN/TU W1, Energetska elektrotehnika 1

prEN 50342-4 en
Lead-acid starter batteries – Part 4: Dimensions of batteries for heavy vehicles
Olovni akumulatori za pokretanje – 4. dio: Dimenzije akumulatora za teška vozila

prEN IEC 60086-1:2020 en
Primary batteries – Part 1: General (IEC 60086-1:201X)
Primarne baterije – 1. dio: Općenito (IEC 60086-1:201X)

prEN IEC 60086-2:2020 en
Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:201X)
Primarne baterije – 2. dio: Fizikalne i električne specifikacije (IEC 60086-2:201X)

prEN IEC 60086-3:2020 en
Primary batteries – Part 3: Watch batteries (IEC 60086-3:201X)
Primarne baterije – 3. dio: Baterije za satove (IEC 60086-3:201X)

prEN IEC 62282-7-2:2020 en
Fuel cell technologies – Part 7-2: Test methods – Single cell and stack performance tests for solid oxide fuel cells (SOFC) (IEC 62282-7-2:202X)
Tehnologija gorivih članaka – Dio 7-2: Metode ispitivanja – Ispitivanja značajki pojedinačnih članaka i slogova za gorive članke s krutim oksidom (SOFC) (IEC 62282-7-2:202X)

EN 62841-3-4:2016/A12:2020 en
Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-4: Posebni zahtjevi za prijenosne stolne brusilice

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 22, Cestovna vozila

HRN EN ISO 17409:2017 en
Cestovna vozila na električni pogon – Priključak na vanjsko električno napajanje – Sigurnosni zahtjevi (ISO 17409:2015, ispravljena verzija 2015-12-15; EN ISO 17409:2017)
Electrically propelled road vehicles – Connection to an external electric power supply – Safety requirements (ISO 17409:2015, Corrected version 2015-12-15; EN ISO 17409:2017)
- zamijenjena s: HRN EN ISO 17409:2020

HZN/TO 43, Akustika

HRN EN ISO 80000-8:2009 hr
Veličine i jedinice – 8. dio: Akustika (ISO 80000-8:2007, ispravljena 2007-08-15; EN ISO 80000-8:2007)
Quantities and units – Part 8: Acoustics (ISO 80000-8:2007, corrected 2007-08-15; EN ISO 80000-8:2007)
- zamijenjena s: HRN EN ISO 80000-8:2020

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 15012-1:2014 en
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Oprema za odsisavanje i odvajanje dima pri zavarivanju – 1. dio: Zahtjevi za ispitivanje i označavanje učinkovitosti odvajanja (ISO 15012-1:2013; EN ISO 15012-1:2013)
Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 1: Requirements for testing and marking of separation efficiency (ISO 15012-1:2013; EN ISO 15012-1:2013)
- zamijenjena s: HRN EN ISO 21904-2:2020

HRN EN ISO 15012-2:2008 en
Zdravlje i sigurnost u zavarivanju i srodnim postupcima – Zahtjevi, ispitivanje i označavanje opreme za filtriranje zraka – 2. dio: Određivanje minimalnog protoka zraka odsisnih haubi i sapnica (ISO 15012-2:2008; EN ISO 15012-2:2008)
Health and safety in welding and allied processes – Requirements, testing and marking of equipment for air filtration – Part 2: Determination of the minimum air volume flow rate of captor hoods and nozzles (ISO 15012-2:2008; EN ISO 15012-2:2008)
- zamijenjena s: HRN EN ISO 21904-4:2020

HRN EN ISO 15012-4:2016 en
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Oprema za odsisavanje i odvajanje dima pri zavarivanju – 4. dio: Opći zahtjevi (ISO 15012-4:2016; EN ISO 15012-4:2016)
Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 4: General requirements (ISO 15012-4:2016; EN ISO 15012-4:2016)
- zamijenjena s: HRN EN ISO 21904-1:2020

HZN/TO 74, Cement i vapno

HRN EN 197-2:2014 en
Cement – 2. dio: Vrednovanje sukladnosti (EN 197-2:2014)
Cement – Part 2: Conformity evaluation (EN 197-2:2014)
- zamijenjena s: HRN EN 197-2:2020

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

HRN EN 14624:2012 en
Radne značajke pokretnih i sobnih detektora propuštanja halogeniranih radnih tvari (EN 14624:2012)
Performance of portable leak detectors and of room monitors for halogenated refrigerants (EN 14624:2012)
- zamijenjena s: HRN EN 14624:2020

HZN/TO 92, Zaštita od požara

HRN EN ISO 11925-2:2011 en
Ispitivanja reakcije na požar – Zapaljivost proizvoda izloženih izravnom djelovanju plamena – 2. dio: Ispitivanje pojedinačnim izvorom plamena (ISO 11925-2:2010+Cor 1:2011; EN ISO 11925-2:2010+AC:2011)
Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test (ISO 11925-2:2010+Cor 1:2011; EN ISO 11925-2:2010+AC:2011)
- zamijenjena s: HRN EN ISO 11925-2:2020

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN 13718-1:2014 en
Medicinska vozila i njihova oprema – Zračna medicinska vozila – 1. dio: Zahtjev za medicinske uređaje koji se upotrebljavaju u zračnim medicinskim vozilima (EN 13718-1:2014)
Medical vehicles and their equipment – Air ambulances – Part 1: Requirements for medical devices used in air ambulances (EN 13718-1:2014)
- zamijenjena s: HRN EN 13718-1:2020

HRN EN 13718-2:2015 en
Medicinska vozila i njihova oprema – Zračna medicinska vozila – 2. dio: Radni i tehnički zahtjevi za zračna medicinska vozila (EN 13718-2:2015)
Medical vehicles and their equipment – Air ambulances – Part 2: Operational and technical requirements of air ambulances (EN 13718-2:2015)
- zamijenjena s: HRN EN 13718-2:2020

HRN EN ISO 80601-2-12:2011 en
Medicinska električna oprema – Dio 2-12: Posebni zahtjevi za osnovnu sigurnost i nužne značajke opreme za pojačanu zaštitu ventilatora (ISO 80601-2-12:2011; EN ISO 80601-2-12:2011)
Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO 80601-2-12:2011; EN ISO 80601-2-12:2011)
- zamijenjena s: HRN EN ISO 80601-2-12:2020

HRN EN ISO 80601-2-12:2011/Ispr.1:2013 en
Medicinska električna oprema – Dio 2-12: Posebni zahtjevi za osnovnu sigurnost i nužne značajke opreme za pojačanu zaštitu ventilatora – Tehnički ispravak 1 (ISO 80601-2-12:2011/Cor 1:2011; EN ISO 80601-2-12:2011/AC:2011)
Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators – Technical Corrigendum 1 (ISO 80601-2-12:2011/Cor 1:2011; EN ISO 80601-2-12:2011/AC:2011)
- zamijenjena s: HRN EN ISO 80601-2-12:2020

HZN/TO 145, Grafički simboli

HRN EN ISO 7010:2013 en
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011; EN ISO 7010:2012)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011; EN ISO 7010:2012)
- zamijenjena s: HRN EN ISO 7010:2020

HRN EN ISO 7010:2013/A1:2014 en
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011/Amd 1:2012; EN ISO 7010:2012/A1:2014)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011/Amd 1:2012; EN ISO 7010:2012/A1:2014)
- zamijenjena s: HRN EN ISO 7010:2020

HRN EN ISO 7010:2013/A2:2014 en
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011/Amd 2:2012; EN ISO 7010:2012/A2:2014)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011/Amd 2:2012; EN ISO 7010:2012/A2:2014)
- zamijenjena s: HRN EN ISO 7010:2020

HRN EN ISO 7010:2013/A3:2014 en
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011/Amd 3:2012; EN ISO 7010:2012/A3:2014)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011/Amd 3:2012; EN ISO 7010:2012/A3:2014)
- zamijenjena s: HRN EN ISO 7010:2020

HRN EN ISO 7010:2013/A4:2014 en
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011/Amd 4:2013; EN ISO 7010:2012/A4:2014)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011/Amd 4:2013; EN ISO 7010:2012/A4:2014)
- zamijenjena s: HRN EN ISO 7010:2020

HRN EN ISO 7010:2013/A5:2015 en
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti – Amandman 5 (ISO 7010:2011/Amd 5:2014; EN ISO 7010:2012/A5:2015)
Graphical symbols – Safety colours and safety signs – Registered safety signs – Amendment 5 (ISO 7010:2011/Amd 5:2014; EN ISO 7010:2012/A5:2015)
- zamijenjena s: HRN EN ISO 7010:2020

HRN EN ISO 7010:2013/A6:2016 en
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011/Amd 6:2014; EN ISO 7010:2012/A6:2016)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011/Amd 6:2014; EN ISO 7010:2012/A6:2016)
- zamijenjena s: HRN EN ISO 7010:2020

HRN EN ISO 7010:2013/A7:2017 en
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2011/Amd 7:2016; EN ISO 7010:2012/A7:2017)
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2011/Amd 7:2016; EN ISO 7010:2012/A7:2017)
- zamijenjena s: HRN EN ISO 7010:2020

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19111:2008 en
Geoinformacije – Prostorno referenciranje koordinatama (ISO 19111:2007; EN ISO 19111:2007)
Geographic information – Spatial referencing by coordinates (ISO 19111:2007; EN ISO 19111:2007)
- zamijenjena s: HRN EN ISO 19111:2020

HRN EN ISO 19111-2:2013 en
Geoinformacije – Prostorno referenciranje koordinatama – 2. dio: Proširenje za vrijednosti parametara (ISO 19111-2:2009; EN ISO 19111-2:2012)
Geographic information – Spatial referencing by coordinates – Part 2: Extension for parametric values (ISO 19111-2:2009; EN ISO 19111-2:2012)
- zamijenjena s: HRN EN ISO 19111:2020

HZN/TO 218, Drvo

HRN EN 13629:2012 en
Drveni podovi – Masivni i lijepljeni podni elementi od drva listača (EN 13629:2012)
Wood flooring – Solid individual and pre-assembled hardwood boards (EN 13629:2012)
- zamijenjena s: HRN EN 13629:2020

HRN EN 14128:2008 en
Trajnost drva i proizvoda na osnovi drva – Kriteriji učinkovitosti za kurativna sredstva za zaštitu drva kako je određeno biološkim testovima (EN 14128:2003)
Durability of wood and wood-based products – Performance criteria for curative wood preservatives as determined by biological tests (EN 14128:2003)
- zamijenjena s: HRN EN 14128:2020

HZN/TO 503, Metalni materijali

HRN EN 12735-1:2016 en
Bakar i legure bakra – Bešavne okrugle cijevi za klimatizaciju i hlađenje – 1. dio: Cijevi za cjevovode (EN 12735-1:2016)
Copper and copper alloys – Seamless, round tubes for air conditioning and refrigeration – Part 1: Tubes for piping systems (EN 12735-1:2016)
- zamijenjena s: HRN EN 12735-1:2020

HRN EN 27526:2008 en
Nikal, feronikal i legure nikla – Određivanje udjela sumpora – Metoda infracrvene apsorpcije nakon izgaranja u indukcijskoj peći (ISO 7526:1985; EN 27526:1991)
Nickel, ferronickel and nickel alloys – Determination of sulphur content – Infra-red absorption method after induction furnace combustion (ISO 7526:1985; EN 27526:1991)
- zamijenjena s: HRN EN ISO 7526:2020

HZN/TO 531, Plastika i guma

HRN EN ISO 75-1:2013 en
Plastika – Određivanje temperature postojanosti oblika pod opterećenjem – 1. dio: Opća metoda ispitivanja (ISO 75-1:2013; EN ISO 75-1:2013)
Plastics – Determination of temperature of deflection under load – Part 1: General test method (ISO 75-1:2013; EN ISO 75-1:2013)
- zamijenjena s: HRN EN ISO 75-1:2020

HRN EN ISO 11357-2:2014 en
Plastika – Diferencijalna pretražna kalorimetrija – 2. dio: Određivanje staklišta i visine koraka staklišta (ISO 11357-2:2013; EN ISO 11357-2:2014)
Plastics – Differential scanning calorimetry (DSC) – Part 2: Determination of glass transition temperature and glass transition step height (ISO 11357-2:2013; EN ISO 11357-2:2014)
- zamijenjena s: HRN EN ISO 11357-2:2020

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-1:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 1. dio: Topivi udio veziva (EN 12697-1:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 1: Soluble binder content (EN 12697-1:2012)
- zamijenjena s: HRN EN 12697-1:2020

HZN/TO 555, Medicinski proizvodi

HRS CEN ISO/TS 22367:2011 en
Medicinski laboratoriji – Smanjenje pogrešaka upravljanjem rizika i sustavnim poboljšanjima (ISO/TS 22367:2008, including Cor 1:2009; CEN ISO/TS 22367:2010)
Medical laboratories – Reduction of error through risk management and continual improvement (ISO/TS 22367:2008, including Cor 1:2009; CEN ISO/TS 22367:2010)
- zamijenjena s: HRN EN ISO 22367:2020

HZN/TO 558, Zaštita dišnih putova

HRN EN 132:2004 hr,en,fr,de
Zaštitne naprave za disanje – Definicije naziva i piktogrami (EN 132:1998)
Respiratory protective devices – Definitions of terms and pictograms (EN 132:1998)
- zamijenjena s: HRN EN ISO 16972:2020

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1833-17:2010 en
Tekstil – Kvantitativna kemijska analiza – 17. dio: Mješavine klornih (homopolimeri vinil-klorida) i određenih drugih vlakana (metoda s uporabom sulfatne kiseline) (ISO 1833-17:2006; EN ISO 1833-17:2010)
Textiles – Quantitative chemical analysis – Part 17: Mixtures of chlorofibres (homopolymers of vinyl chloride) and certain other fibres (method using sulfuric acid) (ISO 1833-17:2006; EN ISO 1833-17:2010)
- zamijenjena s: HRN EN ISO 1833-17:2020

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

HRN EN 12953-5:2004 en
Dimocijevni kotlovi – 5. dio: Inspekcija tijekom izradbe, dokumentacija i označavanje dijelova kotla pod tlakom (EN 12953-5:2002)
Shell boilers – Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler (EN 12953-5:2002)
- zamijenjena s: HRN EN 12953-5:2020

HZN/TO 569, Hrana za životinje

HRN EN 15741:2009 en
Hrana za životinje – Određivanje organoklorovih (OC) pesticida i polikloriranih bifenila (PCB) GC/MS metodom (EN 15741:2009)
Animal feeding stuffs – Determination of OC-pesticides and PCB's by GC/MS (EN 15741:2009)
- zamijenjena s: HRN EN 15741:2020

HRN EN 15742:2009 en
Hrana za životinje – Određivanje organoklorovih (OC) pesticida i polikloriranih bifenila (PCB) GC/ECD metodom (EN 15742:2009)
Animal feeding stuffs – Determination of OC-pesticides and PCB's by GC/ECD (EN 15742:2009)
- zamijenjena s: HRN EN 15742:2020

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

HRN EN 16192:2011 en
Karakterizacija otpada – Analiza eluata (EN 16192:2011)
Characterization of waste – Analysis of eluates (EN 16192:2011)
- zamijenjena s: HRI CEN/TR 16192:2020

HZN/TO E31, Eksplozivne atmosfere

HRN EN ISO/IEC 80079-34:2012 en
Eksplozivne atmosfere – 34. dio: Primjena sustava upravljanja kvalitetom u proizvodnji opreme (ISO/IEC 80079-34:2011, MOD; EN ISO/IEC 80079-34:2011)
Explosive atmospheres – Part 34: Application of quality systems for equipment manufacture (ISO/IEC 80079-34:2011, MOD; EN ISO/IEC 80079-34:2011)
- zamijenjena s: HRN EN ISO/IEC 80079-34:2020

HZN/TO E76, Sigurnost optičkoga zračenja i laserska oprema

HRN EN 60825-1:2009 en
Sigurnost laserskih proizvoda – 1. dio: Razredba opreme i zahtjevi (IEC 60825-1:2007; EN 60825-1:2007)
Safety of laser products – Part 1: Equipment classification and requirements (IEC 60825-1:2007; EN 60825-1:2007)
- zamijenjena s: HRN EN 60825-1:2015

HZN/TO Z1, Informacijska tehnologija

HRN ISO/IEC 15408-1:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 1. dio: Uvod i opći model (ISO/IEC 15408-1:2009, ispravljena verzija 2014-01)
Information technology – Security techniques – Evaluation criteria for IT security – Part 1: Introduction and general model (ISO/IEC 15408-1:2009, Corrected version 2014-01)
- zamijenjena s: HRN EN ISO/IEC 15408-1:2020

HRN ISO/IEC 15408-2:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 2. dio: Funkcionalni zahtjevi za sigurnost (ISO/IEC 15408-2:2008, ispravljena verzija 2011-05)
Information technology – Security techniques – Evaluation criteria for IT security – Part 2: Security functional requirements (ISO/IEC 15408-2:2008, Corrected version 2011-05)
- zamijenjena s: HRN EN ISO/IEC 15408-2:2020

HRN ISO/IEC 15408-3:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za vrednovanje sigurnosti IT-a – 3. dio: Jamstveni zahtjevi za sigurnost (ISO/IEC 15408-3:2008, ispravljena verzija 2011-05)
Information technology – Security techniques – Evaluation criteria for IT security – Part 3: Security assurance requirements (ISO/IEC 15408-3:2008, Corrected version 2011-05)
- zamijenjena s: HRN EN ISO/IEC 15408-3:2020

HRN ISO/IEC 18045:2015 en
Informacijska tehnologija – Sigurnosne tehnike – Metodologija za vrednovanje sigurnosti IT-a (ISO/IEC 18045:2008, ispravljena verzija 2014-01)
Information technology – Security techniques – Methodology for IT security evaluation (ISO/IEC 18045:2008, Corrected version 2014-01)
- zamijenjena s: HRN EN ISO/IEC 18045:2020

HRN ISO/IEC 19790:2013 en
Informacijska tehnologija – Sigurnosne tehnike – Sigurnosni zahtjevi za kriptografske module (ISO/IEC 19790:2012, ispravljena verzija 2015-11)
Information technology – Security techniques – Security requirements for cryptographic modules (ISO/IEC 19790:2012, Corrected version 2015-11)
- zamijenjena s: HRN EN ISO/IEC 19790:2020

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

HRN EN 131-4:2011 hr
Ljestve – 4. dio: Zglobne ljestve s jednim ili više zglobova (EN 131-4:2007)
Ladders – Part 4: Single or multiple hinge-joint ladders (EN 131-4:2007)
- zamijenjena s: HRN EN 131-4:2020

HRS CEN/TS 15398:2017 en
Elastične, tekstilne i laminatne podne obloge – Standardni simboli za podne obloge – Dopunski element (CEN/TS 15398:2016)
Resilient, textile and laminate floor coverings – Floor covering standard symbols – Complementary element (CEN/TS 15398:2016)
- zamijenjena s: HRN EN 15398:2020

HZN/TU I2, Strojarsvo 2

HRN EN ISO 7096:2009 en
Strojevi za zemljane radove – Laboratorijska procjena vibracija sjedala rukovatelja (ISO 7096:2000; EN ISO 7096:2008)
Earth-moving machinery – Laboratory evaluation of operator seat vibration (ISO 7096:2000; EN ISO 7096:2008)
- zamijenjena s: HRN EN ISO 7096:2020

HRN EN ISO 7096:2009/Ispr.1:2009 en
Strojevi za zemljane radove – Laboratorijska procjena vibracija sjedala rukovatelja (EN ISO 7096:2008/AC:2009)
Earth-moving machinery – Laboratory evaluation of operator seat vibration (EN ISO 7096:2008/AC:2009)
- zamijenjena s: HRN EN ISO 7096:2020

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

HRN EN ISO 7787-2:2008 en
Stomatološki rotirajući instrumenti – Diskovi za sječenje – 2. dio: Karbidni laboratorijski diskovi za sječenje (ISO 7787-2:2000; EN ISO 7787-2:2000)
Dental rotary instruments – Cutters – Part 2: Carbide laboratory cutters (ISO 7787-2:2000; EN ISO 7787-2:2000)
- zamijenjena s: HRN EN ISO 7787-2:2020

HRN EN 14683:2019 en
Kirurške maske – Zahtjevi i metode ispitivanja (EN 14683:2019)
Medical face masks – Requirements and test methods (EN 14683:2019)
- zamijenjena s: HRN EN 14683:2020

HRN EN ISO 15098-1:2008 en
Stomatološke pincete – 1. dio: Opći zahtjevi (ISO 15098-1:1999; EN ISO 15098-1:2001)
Dental tweezers – Part 1: General requirements (ISO 15098-1:1999; EN ISO 15098-1:2001)
- zamijenjena s: HRN EN ISO 15098:2020

HRN EN ISO 15098-2:2008 en
Stomatološke pincete – 2. dio: Pincete tipa “meriam” (ISO 15098-2:2000; EN ISO 15098-2:2000)
Dental tweezers – Part 2: Meriam types (ISO 15098-2:2000; EN ISO 15098-2:2000)
- zamijenjena s: HRN EN ISO 15098:2020

HRN EN ISO 15098-3:2008 en
Stomatološke pincete – 3. dio: Pincete tipa “college” (ISO 15098-3:2000; EN ISO 15098-3:2000)
Dental tweezers – Part 3: College types (ISO 15098-3:2000; EN ISO 15098-3:2000)
- zamijenjena s: HRN EN ISO 15098:2020

HRN EN 16844:2018 en
Estetske medicinske usluge – Nekirurški medicinski postupci (EN 16844:2017+A1:2018)
Aesthetic medicine services – Non-surgical medical treatments (EN 16844:2017+A1:2018)
- zamijenjena s: HRN EN 16844:2020

HRN EN ISO 28399:2011 en
Stomatologija – Proizvodi za vanjsko izbjeljivanje zuba (ISO 28399:2011; EN ISO 28399:2011)
Dentistry – Products for external tooth bleaching (ISO 28399:2011; EN ISO 28399:2011)
- zamijenjena s: HRN EN ISO 28399:2020

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

HRN EN 3475-513:2008 en
Nizovi o zrakoplovstvu – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 513. dio: Otpornost na deformaciju (instalacija sa plastičnim obujmicama) (EN 3475-513:2005)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 513: Deformation resistance (Installation with plastic cable ties) (EN 3475-513:2005)
- zamijenjena s: HRN EN 3475-513:2020

HRN EN 12312-15:2010 en
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 15. dio: Traktori za prtljagu i opremu (EN 12312-15:2006+A1:2009)
Aircraft ground support equipment – Specific requirements – Part 15: Baggage and equipment tractors (EN 12312-15:2006+A1:2009)
- zamijenjena s: HRN EN 12312-15:2020

HRN EN 16602-10-09:2014 en
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Sustav kontrole nesukladnosti (EN 16602-10-09:2014)
Space product assurance – Nonconformance control system (EN 16602-10-09:2014)
- zamijenjena s: HRN EN 16602-10-09:2020

HRN EN 16602-20:2014 en
Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Osiguravanje kvalitete (EN 16602-20:2014)
Space product assurance – Quality assurance (EN 16602-20:2014)
- zamijenjena s: HRN EN 16602-20:2020

1.6 Ispravci hrvatskih norma

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

HZN/TO 163, Toplinska izolacija

• umjesto

HRN EN ISO 10077-1:2017
Toplinska svojstva prozora, vrata i zaslona – Proračun koeficijenta prolaska topline – 1. dio: Općenito (ISO 10077-1:2017; EN ISO 10077-1:2017)
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 1: General (ISO 10077-1:2017; EN ISO 10077-1:2017)

• treba biti

HRN EN ISO 10077-1:2017
Toplinska svojstva prozora, vrata i zaslona – Proračun koeficijenta prolaska topline – 1. dio: Općenito (ISO 10077-1:2017, **ispravljena verzija 2020-02**; EN ISO 10077-1:2017)
Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 1: General (ISO 10077-1:2017, **Corrected version 2020-02**; EN ISO 10077-1:2017)

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

U HZN e-Glasilu 3/2020, točka 1.4 Povučene hrvatske norme, pogreškom su povučene norme HRN EN 81-20:2014 i HRN EN 81-50:2014 te su one još uvijek na snazi kao hrvatske norme:

HRN EN 81-20:2014
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za prijevoz osoba i tereta – 20. dio: Osobna dizala i teretno osobna dizala (EN 81-20:2014)
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 20: Passenger and goods passenger lifts (EN 81-20:2014)

HRN EN 81-50:2014
Sigurnosna pravila za konstrukciju i ugradnju dizala – Pregledi i ispitivanja – 50. dio: Pravila projektiranja, proračuni, pregledi i ispitivanja dijelova dizala (EN 81-50:2014)
Safety rules for the construction and installation of lifts – Examinations and tests – Part 50: Design rules, calculations, examinations and tests of lift components (EN 81-50:2014)

HZN/TO 182, *Geotehničke konstrukcije*

- **umjesto**

HRN EN ISO 18674-3:2018

Geotehničko istraživanje i ispitivanje – Geotehničko opažanje terenskom mjernom opremom – 3. dio: Mjerenje pomaka okomito na **liniju**: Inklinometri (ISO 18674-3:2017; EN ISO 18674-3:2017)

Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 3: Measurement of displacements across a line: Inclimeters (ISO 18674-3:2017; EN ISO 18674-3:2017)

- **treba biti**

HRN EN ISO 18674-3:2018

Geotehničko istraživanje i ispitivanje – Geotehničko opažanje terenskom mjernom opremom – 3. dio: Mjerenje pomaka okomito na **os**: Inklinometri (ISO 18674-3:2017; EN ISO 18674-3:2017)

Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 3: Measurement of displacements across a line: Inclimeters (ISO 18674-3:2017; EN ISO 18674-3:2017)

HZN/TO 503, *Metalni materijali*

- **umjesto**

HRN EN ISO 643:2020

Čelici – Mikrografsko određivanje prividne veličine zrna (ISO 643:2019; EN ISO 643:2020)

Steels – Micrographic determination of the apparent grain size (ISO 643:2019; EN ISO 643:2020)

- **treba biti**

HRN EN ISO 643:2020

Čelici – Mikrografsko određivanje prividne veličine zrna (ISO 643:2019, **ispravljena verzija 2020-03**; EN ISO 643:2020)

Steels – Micrographic determination of the apparent grain size (ISO 643:2019, **Corrected version 2020-03**; EN ISO 643:2020)

HZN/TO 560, *Tekstilni proizvodi*

- **umjesto**

HRN EN ISO 20706-1:2020

Tekstil – Kvalitativna i kvantitativna analiza nekih stabljičnih vlakana (lan, konoplja, ramija) i njihove mješavine – 1. dio: Identifikacija vlakana mikroskopskom metodom (ISO 20706-1:2019; EN ISO 20706-1:2019)

Textiles – Qualitative and quantitative analysis of some bast fibres (flax, hemp, ramie) and their blends – Part 1: Fibre identification using microscopy methods (ISO 20706-1:2019; EN ISO 20706-1:2019)

- **treba biti**

HRN EN ISO 20706-1:2020

Tekstil – Kvalitativna i kvantitativna analiza nekih stabljičnih vlakana (lan, konoplja, ramija) i njihove mješavine – 1. dio: Identifikacija vlakana mikroskopskom metodom (ISO 20706-1:2019, **ispravljena verzija 2020-03**; EN ISO 20706-1:2019)

Textiles – Qualitative and quantitative analysis of some bast fibres (flax, hemp, ramie) and their blends – Part 1: Fibre identification using microscopy methods (ISO 20706-1:2019, **Corrected version 2020-03**; EN ISO 20706-1:2019)

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 215, *Medicinska informatika*

HRN EN 17269:2019 en pr

Zdravstvena informatika – Sažetak međunarodnih pacijentovih medicinskih podataka za prekograničnu zdravstvenu zaštitu (EN 17269:2019)

Health informatics – The Patient Summary for Unscheduled, Cross-border Care (EN 17269:2019)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 54-22+A1	Fire detection and fire alarm systems – Part 22: Resettable line-type heat detectors	13.220.10; 13.220.20	2020-02
EN 81-20	Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 20: Passenger and goods passenger lifts	91.140.90	2020-02
EN 81-50	Safety rules for the construction and installation of lifts – Examinations and tests – Part 50: Design rules, calculations, examinations and tests of lift components	91.140.90	2020-02
CEN/TS 927-8	Paints and varnishes – Coating materials and coating systems for exterior wood – Part 8: Determination of the adhesion on wood after water exposure by a double-X-cut test	87.040	2020-02
EN 1363-1	Fire resistance tests – Part 1: General requirements	13.220.40; 13.220.50	2020-02
CEN/TS 1401-2	Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U) – Part 2: Guidance for the assessment of conformity	23.040.01	2020-02
EN 1459-1+A1	Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks	53.060	2020-02
EN 1502	Inland navigation vessels – Boarding stairs	47.020.10; 47.060	2020-02
EN 3475-513	Aerospace series – Cables, electrical, aircraft use – Test methods – Part 513: Deformation resistance (Installation with plastic cable ties)	49.060	2020-02
EN 4244	Aerospace series – Heat resisting alloy FE-PM1708 – Vacuum arc remelted – Hardened and tempered – Bars – a or D ≤ 200 mm – 1000 MPa ≤ Rm ≤ 1140 Mpa	49.025.99	2020-02
EN 4245	Aerospace series – Heat resisting alloy FE-PM1708 – Vacuum arc remelted – As forged – Forging stock – De ≤ 300 mm	49.025.99	2020-02
EN 4264	Aerospace series – Heat resisting alloy X4NiCrMoTi43-13 – As forged – Forging stock – a or D ≤ 200 mm	49.025.05	2020-02
EN 4426	Aerospace series – Non-metallic materials – Textiles – Test method – Determination of conductivity and pH of aqueous extracts	49.025.60	2020-02
EN 4533-001	Aerospace series – Fibre optic systems – Handbook – Part 001: Termination methods and tools	49.090	2020-02
EN 4570	Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated – Forgings – De ≤ 100 mm	49.025.05	2020-02
EN 4571	Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated – Bars and sections – De ≤ 100 mm	49.025.05	2020-02
EN 4572	Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated – Sheets and strips – a ≤ 3 mm	49.025.05	2020-02
EN 4573	Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated and precipitation treated – Bars and sections – De ≤ 100 mm	49.025.05	2020-02
EN 4574	Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated and precipitation treated – Forgings – De ≤ 100 mm	49.025.05	2020-02
EN 4575	Aerospace series – Heat resisting alloy X12CrNiCoMoW21-20 – Solution treated and descaled – Sheets and plates – 3 mm < a < 50 mm	49.025.05	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
EN 4705	Aerospace series – Measurement methods regarding the lifetime behaviour of light units in a standardized aircraft-related environment	49.095	2020-02
EN 4855-01	Aerospace series – ECO efficiency of catering equipment – Part 01: General conditions	49.095	2020-02
EN 4855-02	Aerospace series – ECO efficiency of catering equipment – Part 02: Oven equipment	49.095	2020-02
EN 4855-03	Aerospace series – ECO efficiency of catering equipment – Part 03: Chilling equipment	49.095	2020-02
EN 4855-04	Aerospace series – ECO efficiency of catering equipment – Part 04: Beverage makers	49.095	2020-02
EN 12697-6	Bituminous mixtures – Test methods – Part 6: Determination of bulk density of bituminous specimens	93.080.20	2020-02
EN 12697-11	Bituminous mixtures – Test methods – Part 11: Determination of the affinity between aggregate and bitumen	93.080.20	2020-02
EN 12697-14	Bituminous mixtures – Test methods – Part 14: Water content	93.080.20	2020-02
EN 12697-19	Bituminous mixtures – Test methods – Part 19: Permeability of specimen	93.080.20	2020-02
EN 12697-20	Bituminous mixtures – Test methods – Part 20: Indentation using cube or Marshall specimens	93.080.20	2020-02
EN 12697-21	Bituminous mixtures – Test methods – Part 21: Indentation using plate specimens	93.080.20	2020-02
EN 12697-22	Bituminous mixtures – Test methods – Part 22: Wheel tracking	93.080.20	2020-02
EN 12697-28	Bituminous mixtures – Test methods – Part 28: Preparation of samples for determining binder content, water content and grading	93.080.20	2020-02
EN 12697-34	Bituminous mixtures – Test methods – Part 34: Marshall test	93.080.20	2020-02
EN 12697-39	Bituminous mixtures – Test methods – Part 39: Binder content by ignition	93.080.20	2020-02
EN 12697-40	Bituminous mixtures – Test methods – Part 40: In situ drainability	93.080.20	2020-02
EN 12697-45	Bituminous mixtures – Test methods – Part 45: Saturation Ageing Tensile Stiffness (SATS) conditioning test	93.080.20	2020-02
EN 12697-46	Bituminous mixtures – Test methods – Part 46: Low temperature cracking and properties by uniaxial tension tests	93.080.20	2020-02
EN 12897+A1	Water supply – Specification for indirectly heated unvented (closed) storage water heaters	91.140.65	2020-02
CEN/TS 13149-7	Public transport – Road vehicle scheduling and control systems – Part 7: System and network architecture	35.240.60; 43.040.15	2020-02
EN 13150	Workbenches for laboratories in educational institutions – Dimensions, safety and durability requirements and test methods	71.040.10	2020-02
EN 13230-4+A1	Railway applications – Track – Concrete sleepers and bearers – Part 4: Prestressed bearers for switches and crossings	91.100.30; 93.100; RW423	2020-02
EN 13922	Tanks for transport of dangerous goods – Service equipment for tanks – Overfill prevention systems for liquid fuels	13.300; 23.020.20	2020-02
EN 14276-1	Pressure equipment for refrigerating systems and heat pumps – Part 1: Vessels – General requirements	23.020.30; 27.080; 27.200	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
EN 14276-2	Pressure equipment for refrigerating systems and heat pumps – Part 2: Piping – General requirements	23.020.30; 27.080; 27.200	2020-02
EN 14988+A1	Children's high chairs – Requirements and test methods	97.140; 97.190	2020-02
CEN/TR 15367-1	Petroleum products – Guidelines for good housekeeping – Part 1: Automotive diesel fuels	03.100.50; 75.160.20; 75.200	2020-02
EN 15388	Agglomerated stone – Slabs and cut-to-size products for vanity and kitchen tops	91.100.15	2020-02
EN 15567-1+A1	Sports and recreational facilities – Ropes courses – Part 1: Construction and safety requirements	97.220.10	2020-02
EN 16334-2	Railway applications – Passenger alarm system – Part 2: System requirements for urban rail	13.320; 45.060.20	2020-02
CWA 16926-1	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 1: Application Programming Interface (API) – Service Provider Interface (SPI) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-2	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 2: Service Class Definition – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-3	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 3: Printer and Scanning Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-4	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 4: Identification Card Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-5	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 5: Cash Dispenser Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-6	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 6: PIN Keypad Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-7	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 7: Check Reader/Scanner Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-8	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 8: Depository Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-9	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 9: Text Terminal Unit Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-10	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 10: Sensors and Indicators Unit Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-11	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 11: Vendor Dependent Mode Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-12	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 12: Camera Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-13	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 13: Alarm Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
CWA 16926-14	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 14: Card Embossing Unit Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-15	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 15: Cash-In Module Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-16	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 16: Card Dispenser Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-17	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 17: Barcode Reader Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-18	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 18: Item Processing Module Device Class Interface – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-61	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 61: Application Programming Interface (API) – Service Provider Interface (SPI) – Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-62	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 62: Printer and Scanning Device Class Interface – Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-63	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 63: Identification Card Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-64	Extensions for Financial Services (XFS) interface specification – Release 3.40 – Part 64: Cash Dispenser (CDM) Device Class Interface – Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-65	Extensions for Financial Services (XFS) interface specification – Release 3.40 – Part 65: PIN Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-66	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 66: Check Reader/Scanner Device Class Interface – Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-67	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 67: Depository Device Class Interface – Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-68	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 68: Text Terminal Unit (TTU) Device Class Interface – Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer's Reference	35.200; 35.240.15; 35.240.40	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
CWA 16926-69	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 69: Sensors and Indicators Unit Device Class Interface – Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-70	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 70: Vendor Dependent Mode (VDM) Device Class Interface – Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-71	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 71: Camera Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-72	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 72: Alarm Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-73	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 73: Card Embossing Unit Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-74	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 74: Cash-In Module Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-75	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 75: Card Dispenser Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-76	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 76: Barcode Reader Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CWA 16926-77	Extensions for Financial Services (XFS) interface specification Release 3.40 – Part 77: Item Processing Module Device Class Interface – Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) – Programmer’s Reference	35.200; 35.240.15; 35.240.40	2020-02
CEN/TS 17073	Postal services – Interfaces for cross border parcels	03.240; 35.240.69	2020-02
EN 17092-2	Protective garments for motorcycle riders – Part 2: Class AAA garments – Requirements	13.340.10	2020-02
EN 17092-3	Protective garments for motorcycle riders – Part 3: Class AA garments – Requirements	13.340.10	2020-02
EN 17092-4	Protective garments for motorcycle riders – Part 4: Class A garments – Requirements	13.340.10	2020-02
EN 17092-5	Protective garments for motorcycle riders – Part 5: Class B garments – Requirements	13.340.10	2020-02
EN 17092-6	Protective garments for motorcycle riders – Part 6: Class C garments – Requirements	13.340.10	2020-02
EN 17317	Resilient, textile, laminate and modular mechanical locked floor coverings – Light reflectance value (LRV) of a flooring surface	97.150	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17360	Inland navigation vessels – Stanchions and holders for tiltable and detachable railings	47.020.10; 47.060	2020-02
EN 17361	Inland navigation vessels – Outboard ladders	47.020.10; 47.060	2020-02
EN 17368	Laminate floor coverings – Determination of impact resistance with small ball	97.150	2020-02
CEN/TR 17452	Natural gas fuelling stations – Guidance for implementation of European standards on CNG and LNG stations for fuelling vehicles	75.200	2020-02
CWA 17502	Privacy of monitoring technology – Guidelines for introducing ambient and wearable monitoring technologies balancing privacy protection against the need for oversight and care	11.020.10; 11.040.01; 35.020	2020-02
EN ISO 439	Steel and cast irons – Determination of silicon content – Gravimetric method (ISO 439:2020)	77.080.01	2020-02
EN ISO 536	Paper and board – Determination of grammage (ISO 536:2019)	85.060	2020-02
EN ISO 3071	Textiles – Determination of pH of aqueous extract (ISO 3071:2020)	59.080.01	2020-02
EN ISO 3668	Paints and varnishes – Visual comparison of colour of paints (ISO 3668:2017)	87.040	2020-02
EN ISO 4254-11/A1	Agricultural machinery – Safety – Part 11: Pick-up balers – Amendment 1 (ISO 4254-11:2010/Amd 1:2020)	65.060.50	2020-02
EN ISO 4259-3	Petroleum and related products – Precision of measurement methods and results – Part 3: Monitoring and verification of published precision data in relation to methods of test (ISO 4259-3:2020)	75.080	2020-02
EN ISO 6141/A1	Gas analysis – Contents of certificates for calibration gas mixtures – Amendment 1: Cross reference list to ISO Guide 31:2015 and ISO/IEC 17025:2017 (ISO 6141:2015/Amd 1:2020)	71.040.40	2020-02
EN ISO 8044	Corrosion of metals and alloys – Vocabulary (ISO 8044:2020)	01.040.77; 77.060	2020-02
EN ISO 8289-1	Vitreous and porcelain enamels – Low-voltage test for detecting and locating defects – Part 1: Swab test for non-profiled surfaces (ISO 8289-1:2020)	25.220.50	2020-02
EN ISO 9997	Dentistry – Cartridge syringes (ISO 9997:2020)	11.040.25; 11.060.20	2020-02
EN ISO 10113	Metallic materials – Sheet and strip – Determination of plastic strain ratio (ISO 10113:2020)	77.040.10	2020-02
EN ISO 10581	Resilient floor coverings – Homogeneous poly(vinyl chloride) floor covering – Specifications (ISO 10581:2019)	97.150	2020-02
EN ISO 11074/A1	Soil quality – Vocabulary – Amendment 1 (ISO 11074:2015/Amd 1:2020)	01.040.13; 13.080.01	2020-02
EN ISO 11200/A1	Acoustics – Noise emitted by machinery and equipment – Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions – Amendment 1 (ISO 11200:2014/Amd 1:2018)	17.140.20	2020-02
EN ISO 11665-3	Measurement of radioactivity in the environment – Air: radon-222 – Part 3: Spot measurement method of the potential alpha energy concentration of its short-lived decay products (ISO 11665-3:2020)	17.240	2020-02
EN ISO 11665-5	Measurement of radioactivity in the environment – Air: radon-222 – Part 5: Continuous measurement methods of the activity concentration (ISO 11665-5:2020)	17.240	2020-02
EN ISO 11665-6	Measurement of radioactivity in the environment – Air: radon-222 – Part 6: Spot measurement methods of the activity concentration (ISO 11665-6:2020)	13.040.01; 17.240	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 12006-2	Building construction – Organization of information about construction works – Part 2: Framework for classification (ISO 12006-2:2015)	91.010.01	2020-02
EN ISO 12922	Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU (ISO 12922:2020)	75.120	2020-02
EN ISO 13164-1	Water quality – Radon-222 – Part 1: General principles (ISO 13164-1:2013)	13.060.60; 13.280; 17.240	2020-02
EN ISO 13164-2	Water quality – Radon-222 – Part 2: Test method using gamma-ray spectrometry (ISO 13164-2:2013)	13.060.60; 13.280; 17.240	2020-02
EN ISO 13164-3	Water quality – Radon-222 – Part 3: Test method using emanometry (ISO 13164-3:2013)	13.060.60; 13.280; 17.240	2020-02
EN ISO 13164-4	Water quality – Radon-222 – Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2015)	13.060.60; 13.280; 17.240	2020-02
EN ISO 13165-1	Water quality – Radium-226 – Part 1: Test method using liquid scintillation counting (ISO 13165-1:2013)	13.060.60; 17.240	2020-02
EN ISO 13165-2	Water quality – Radium-226 – Part 2: Test method using emanometry (ISO 13165-2:2014)	13.060.60; 17.240	2020-02
EN ISO 13165-3	Water quality – Radium-226 – Part 3: Test method using coprecipitation and gamma-spectrometry (ISO 13165-3:2016)	13.060.60; 17.240	2020-02
EN ISO 13758/A1	Liquefied petroleum gases – Assessment of the dryness of propane – Valve freeze method – Amendment 1 (ISO 13758:1996/Amd 1:2020)	75.160.30	2020-02
EN ISO 14006	Environmental management systems – Guidelines for incorporating ecodesign (ISO 14006:2020)	03.100.70; 13.020.10	2020-02
EN ISO 16106	Transport packages for dangerous goods – Dangerous goods packagings, intermediate bulk containers (IBCs) and large packagings – Guidelines for the application of ISO 9001 (ISO 16106:2020)	13.300; 55.020	2020-02
EN ISO 16739-1	Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries – Part 1: Data schema (ISO 16739-1:2018)	25.040.40; 35.240.67	2020-02
EN ISO 17268	Gaseous hydrogen land vehicle refuelling connection devices (ISO 17268:2020)	43.180; 71.100.20	2020-02
EN ISO 17510	Medical devices – Sleep apnoea breathing therapy – Masks and application accessories (ISO 17510:2015)	11.040.10	2020-02
EN ISO 18557	Characterisation principles for soils, buildings and infrastructures contaminated by radionuclides for remediation purposes (ISO 18557:2017)	13.020.40; 27.120.30	2020-02
EN ISO 18562-1	Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 1: Evaluation and testing within a risk management process (ISO 18562-1:2017)	11.040.10	2020-02
EN ISO 18562-2	Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 2: Tests for emissions of particulate matter (ISO 18562-2:2017)	11.040.10	2020-02
EN ISO 18562-3	Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 3: Tests for emissions of volatile organic compounds (VOCs) (ISO 18562-3:2017)	11.040.10	2020-02
EN ISO 18562-4	Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 4: Tests for leachables in condensate (ISO 18562-4:2017)	11.040.10	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 19226	Nuclear energy – Determination of neutron fluence and displacement per atom (dpa) in reactor vessel and internals (ISO 19226:2017)	27.120.10	2020-02
EN ISO 19361	Measurement of radioactivity – Determination of beta emitters activities – Test method using liquid scintillation counting (ISO 19361:2017)	17.240	2020-02
EN ISO 19396-1	Paints and varnishes – Determination of pH value – Part 1: pH electrodes with glass membrane (ISO 19396-1:2017)	87.040	2020-02
EN ISO 19396-2	Paints and varnishes – Determination of pH value – Part 2: pH electrodes with ISFET technology (ISO 19396-2:2017)	87.040	2020-02
EN ISO 19403-1	Paints and varnishes – Wettability – Part 1: Terminology and general principles (ISO 19403-1:2017)	01.040.87; 87.040	2020-02
EN ISO 19403-2	Paints and varnishes – Wettability – Part 2: Determination of the surface free energy of solid surfaces by measuring the contact angle (ISO 19403-2:2017)	01.040.87; 87.040	2020-02
EN ISO 19403-3	Paints and varnishes – Wettability – Part 3: Determination of the surface tension of liquids using the pendant drop method (ISO 19403-3:2017)	01.040.87; 87.040	2020-02
EN ISO 19403-4	Paints and varnishes – Wettability – Part 4: Determination of the polar and dispersive fractions of the surface tension of liquids from an interfacial tension (ISO 19403-4:2017)	01.040.87; 87.040	2020-02
EN ISO 19403-5	Paints and varnishes – Wettability – Part 5: Determination of the polar and dispersive fractions of the surface tension of liquids from contact angles measurements on a solid with only a disperse contribution to its surface energy (ISO 19403-5:2017)	01.040.87; 87.040	2020-02
EN ISO 19403-6	Paints and varnishes – Wettability – Part 6: Measurement of dynamic contact angle (ISO 19403-6:2017)	01.040.87; 87.040	2020-02
EN ISO 19403-7	Paints and varnishes – Wettability – Part 7: Measurement of the contact angle on a tilt stage (roll-off angle) (ISO 19403-7:2017)	01.040.87; 87.040	2020-02
EN ISO 19432-1	Building construction machinery and equipment – Portable, hand-held, internal combustion engine-driven abrasive cutting machines – Part 1: Safety requirements for cut-off machines for centre-mounted rotating abrasive wheels (ISO 19432-1:2020)	91.220	2020-02
EN ISO 19581	Measurement of radioactivity – Gamma emitting radionuclides – Rapid screening method using scintillation detector gamma-ray spectrometry (ISO 19581:2017)	17.240	2020-02
EN ISO 20932-2	Textiles – Determination of the elasticity of fabrics – Part 2: Multiaxial tests (ISO 20932-2:2018)	59.080.30	2020-02
EN ISO 20932-3	Textiles – Determination of the elasticity of fabrics – Part 3: Narrow fabrics (ISO 20932-3:2018)	59.080.30	2020-02
EN ISO 21178	Light conveyor belts – Determination of electrical resistances (ISO 21178:2020)	53.040.10	2020-02
EN ISO 21404	Solid biofuels – Determination of ash melting behaviour (ISO 21404:2020)	27.190; 75.160.40	2020-02
EN ISO 22313	Security and resilience – Business continuity management systems – Guidance on the use of ISO 22301 (ISO 22313:2020)	03.100.01; 03.100.70	2020-02
EN ISO 22510	Open data communication in building automation, controls and building management – Home and building electronic systems – KNXnet/IP communication (ISO 22510:2019)	35.240.67; 91.040.01	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 22908	Water quality – Radium 226 and Radium 228 – Test method using liquid scintillation counting (ISO 22908:2020)	13.060.60; 13.280; 17.240	2020-02
EN ISO 24157/A1	Ophthalmic optics and instruments – Reporting aberrations of the human eye – Amendment 1 (ISO 24157:2008/Amd 1:2020)	11.040.70	2020-02
EN ISO 80601-2-74	Medical electrical equipment – Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment (ISO 80601-2-74:2017)	11.040.10	2020-02

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CEN/TR 17447	Space – Use of GNSS-based positioning for road Intelligent Transport System (ITS) – Mathematical PVT error model	03.220.20; 33.060.30; 35.240.60	2020-02
EN 50128/A1	Railway applications – Communication, signalling and processing systems – Software for railway control and protection systems	35.240.60; 45.020; 93.100; RW300	2020-02
EN 50153/A2	Railway applications – Rolling stock – Protective provisions relating to electrical hazards	13.260; 45.060.01; RW611; RW950	2020-02
EN 50159/A1	Railway applications – Communication, signalling and processing systems – Safety-related communication in transmission systems	35.240.60; 45.020; 45.060.01; 93.100; RW300	2020-02
EN 50163/A2	Railway applications – Supply voltages of traction systems	29.280; RW103; RW200	2020-02
EN 50310/A1	Telecommunications bonding networks for buildings and other structures	29.120.50; 91.140.50	2020-02
EN 50553/A2	Railway applications – Requirements for running capability in case of fire on board of rolling stock	13.220.20; 45.060.01; RW020; RW951	2020-02
EN 50614	Requirements for the preparing for re-use of waste electrical and electronic equipment	13.030.50; 29.020; 29.100.01; 31.020; 31.220.01	2020-02
EN IEC 60079-0/AC	Explosive atmospheres – Part 0: Equipment – General requirements (IEC 60079-0:2017/COR1:2020)	29.260.20	2020-02
EN IEC 60335-2-71	Household and similar electrical appliances – Safety – Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals (IEC 60335-2-71:2018)	65.020.30; 65.040.10; 97.100.10	2020-02
EN 60335-2-78/A11	Household and similar electrical appliances – Safety – Part 2-78: Particular requirements for outdoor barbecues	13.120; 91.180; 97.040.20	2020-02
EN 60335-2-82/A2	Household and similar electrical appliances – Safety – Part 2-82: Particular requirements for amusement machines and personal service machines (IEC 60335-2-82:2002/A2:2015)	97.180; 97.200.40; 97.200.99	2020-02
EN IEC 60335-2-87	Household and similar electrical appliances – Safety – Part 2-87: Particular requirements for electrical animal-stunning equipment (IEC 60335-2-87:2016, modified)	65.020.30; 65.060.99	2020-02
EN 60669-1/AC	Switches for household and similar fixed electrical installations – Part 1: General requirements (IEC 60669-1:2017/COR1:2020)	29.120.40	2020-02
EN IEC 60730-2-22	Automatic electrical controls – Part 2-22: Particular requirements for thermal motor protectors (IEC 60730-2-22:2014)	97.120	2020-02
EN 60947-2/A1	Low-voltage switchgear and controlgear – Part 2: Circuit-breakers (IEC 60947-2:2016/A1:2019)	29.130.20	2020-02
EN 61034-1/A2	Measurement of smoke density of cables burning under defined conditions – Part 1: Test apparatus (IEC 61034-1:2005/A2:2019)	13.220.40; 29.020; 29.060.20	2020-02
EN 61034-2/A2	Measurement of smoke density of cables burning under defined conditions – Part 2: Test procedure and requirements (IEC 61034-2:2005/A2:2019)	13.220.40; 29.020; 29.060.20	2020-02
EN IEC 61123	Reliability testing – Compliance test plans for success ratio (IEC 61123:2019)	03.120.01; 03.120.30; 21.020	2020-02
EN 62026-3/A11	Low-voltage switchgear and controlgear – Controller-device interfaces (CDIs) – Part 3: DeviceNet	29.130.20	2020-02
EN IEC 62041	Transformers, power supplies, reactors and similar products – EMC requirements (IEC 62041:2017)	29.180; 33.100.01	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62115	Electric toys – Safety (IEC 62115:2017 + COR1:2019)	13.120; 97.200.50	2020-02
EN IEC 62115/A11	Electric toys – Safety	13.120; 97.200.50	2020-02
EN 62488-2/AC	Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC (IEC 62488-2:2017/COR1:2020)	29.240.20; 33.200	2020-02
CLC IEC/TR 63069	Industrial-process measurement, control and automation – Framework for functional safety and security (IEC/TR 63069:2019)	13.110; 25.040.40; 29.020; 35.030; 35.240.50	2020-02
EN IEC 63078	Installations for electroheating and electromagnetic processing – Test methods for induction through-heating installations (IEC 63078:2019)	25.180.10	2020-02
EN IEC 63137-1/AC	Standard test radio-frequency connectors Part 1: Generic specification – General requirements and test methods (IEC 63137-1:2019/COR1:2020)	33.120.30	2020-02
EN ISO/IEC 27000	Information technology – Security techniques – Information security management systems – Overview and vocabulary (ISO/IEC 27000:2018)	01.040.35; 35.030	2020-02

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 101570-2 V 1.2.1	Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 2: Class A/B Test Descriptions	33.100.10	2020-02
ETSI TS 101570-3 V 1.2.1	Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 3: Class D Test Descriptions	33.100.10	2020-02
ETSI TS 101570-5 V 1.2.1	Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 5: VHF Class H Test Descriptions	33.100.10	2020-02
ETSI TR 101607 V 1.2.1	Intelligent Transport Systems (ITS) – Cooperative ITS (C-ITS) – Release 1	35.240.60	2020-02
ETSI TS 102241 V 15.3.0	Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 15)	35.240.15	2020-02
ETSI TS 102241 V 16.1.0	Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 16)	35.240.15	2020-02
ETSI TS 103264 V 3.1.1	SmartM2M – Smart Applications – Reference Ontology and oneM2M Mapping	33.200	2020-02
ETSI TS 103267 V 2.1.1	SmartM2M – Smart Applications – Communication Framework	33.200	2020-02
ETSI TS 103285 V 1.3.1	Digital Video Broadcasting (DVB) – MPEG-DASH Profile for Transport of ISO BMFF Based DVB Services over IP Based Networks	33.170	2020-02
ETSI TS 103301 V 1.3.1	Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Facilities layer protocols and communication requirements for infrastructure services	35.240.60	2020-02
ETSI TR 103576-2 V 1.1.1	Intelligent Transport Systems (ITS) – Pre-standardization study on ITS architecture – Part 2: Interoperability among heterogeneous ITS systems and backward compatibility	35.240.60	2020-02
ETSI TR 103626 V 1.1.1	Autonomic network engineering for the self-managing Future Internet (AFI) – An Instantiation and Implementation of the Generic Autonomic Network Architecture (GANA) Model onto Heterogeneous Wireless Access Technologies using Cognitive Algorithms	33.040.99	2020-02
ETSI TR 103637 V 1.1.1	Digital Enhanced Cordless Telecommunications (DECT) – DECT-2020 New Radio (NR) interface – Study on Security Architecture	33.070.30	2020-02
ETSI TS 103666-2 V 15.1.0	Smart Secure Platform (SSP) – Part 2: Integrated SSP (iSSP) characteristics (Release 15)	35.240.15	2020-02
ETSI TS 103713 V 15.1.0	Smart Secure Platform (SSP) – SPI interface (Release 15)	35.240.15	2020-02
ETSI TS 134123-3 V 15.4.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 15.4.0 Release 15)	33.070.50	2020-02
ETSI TS 136101 V 12.24.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.24.0 Release 12)	33.070.50; 33.070.99	2020-02
ETSI TS 136101 V 13.18.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 13.18.0 Release 13)	33.070.50; 33.070.99	2020-02
ETSI TS 136101 V 14.14.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.14.0 Release 14)	33.070.50; 33.070.99	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136101 V 15.9.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.9.0 Release 15)	33.070.50; 33.070.99	2020-02
ETSI TS 136133 V 13.18.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 13.18.0 Release 13)	33.070.50; 33.070.99	2020-02
ETSI TS 136133 V 14.14.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 14.14.0 Release 14)	33.070.50; 33.070.99	2020-02
ETSI TS 136133 V 15.9.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 15.9.0 Release 15)	33.070.50; 33.070.99	2020-02
ETSI TS 136211 V 14.13.1	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 14.13.1 Release 14)	33.070.50	2020-02
ETSI TS 136211 V 15.8.1	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 15.8.1 Release 15)	33.070.50	2020-02
ETSI TS 136213 V 13.15.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 13.15.0 Release 13)	33.070.50	2020-02
ETSI TS 136213 V 14.13.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 14.13.0 Release 14)	33.070.50	2020-02
ETSI TS 136213 V 15.8.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 15.8.0 Release 15)	33.070.50	2020-02
ETSI TS 138133 V 15.8.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.8.0 Release 15)	33.070.99	2020-02
ETSI TS 151010-1 V 13.11.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station (MS) conformance specification – Part 1: Conformance specification (3GPP TS 51.010-1 version 13.11.0 Release 13)	33.070.50	2020-02
ETSI ES 203682 V 1.1.1	Environmental Engineering (EE) – Green Abstraction Layer (GAL) – Power management capabilities of the future energy telecommunication fixed network nodes – Enhanced Interface for power management in Network Function Virtualisation (NFV) environments	33.040.01	2020-02
ETSI GR mWT 019 V 1.1.1	millimetre Wave Transmission (mWT) – Error performance related evaluation in equipment	33.040.20	2020-02
EN 303345-2 V 1.1.1	Broadcast Sound Receivers – Part 2: AM broadcast sound service – Harmonised Standard for access to radio spectrum	33.160.01	2020-02
EN 303345-5 V 1.1.1	Broadcast Sound Receivers – Part 5: DRM broadcast sound service – Harmonised Standard for access to radio spectrum	33.160.01	2020-02

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 75-1	Plastics – Determination of temperature of deflection under load – Part 1: General test method	83.080.01	2020-02
ISO 125	Natural rubber latex concentrate – Determination of alkalinity	83.040.10	2020-02
ISO 439	Steel and cast iron – Determination of silicon content – Gravimetric method	77.080.01	2020-02
ISO 665	Oilseeds – Determination of moisture and volatile matter content	67.200.20	2020-02
ISO 685	Analysis of soaps – Determination of total alkali content and total fatty matter content	71.100.40	2020-02
ISO 764	Horology – Magnetic resistant watches	39.040.10	2020-02
ISO 916	Testing of refrigerating systems	27.200	2020-02
ISO 1328-2	Cylindrical gears – ISO system of flank tolerance classification – Part 2: Definitions and allowable values of double flank radial composite deviations	21.200	2020-02
ISO 2493-2	Paper and board – Determination of resistance to bending – Part 2: Taber-type tester	85.060	2020-02
ISO 2859-2	Sampling procedures for inspection by attributes – Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection	03.120.30	2020-02
ISO 2861	Vacuum technology – Dimensions of clamped-type quick-release couplings	23.160	2020-02
ISO 3046-6	Reciprocating internal combustion engines – Performance – Part 6: Overspeed protection	27.020	2020-02
ISO 3475	Essential oil of aniseed (<i>Pimpinella anisum</i> L.)	65.020.20; 67.200.20; 71.100.60	2020-02
ISO 3529-2	Vacuum technology – Vocabulary – Part 2: Vacuum pumps and related terms	01.040.23; 23.160	2020-02
ISO 3584	Road vehicles – Clevis couplings – Interchangeability	43.040.70	2020-02
ISO 3669	Vacuum technology – Dimensions of knife-edge flanges	23.160	2020-02
ISO 3691-1 AMD 1	Industrial trucks – Safety requirements and verification – Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks; Amendment 1	53.060	2020-02
ISO 3691-4	Industrial trucks – Safety requirements and verification – Part 4: Driverless industrial trucks and their systems	53.060	2020-02
ISO 3691-5 AMD 1	Industrial trucks – Safety requirements and verification – Part 5: Pedestrian-propelled trucks; Amendment 1	53.060	2020-02
ISO 3862	Rubber hoses and hose assemblies – Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids – Specification	23.100.40; 83.140.40	2020-02
ISO 4254-11 AMD 1	Agricultural machinery – Safety – Part 11: Pick-up balers	65.060.50	2020-02
ISO 4986	Steel and iron castings – Magnetic particle testing	77.040.20; 77.140.80	2020-02
ISO 5480	Ships and marine technology – Guardrails for cargo ships	47.020.10	2020-02
ISO 6141 AMD 1	Gas analysis – Contents of certificates for calibration gas mixtures – Amendment 1: Cross reference list to ISO Guide 31:2015 and ISO/IEC 17025:2017	71.040.40	2020-02
ISO 6281	Plain bearings – Testing under conditions of hydrodynamic and mixed lubrication in test rigs	21.100.10	2020-02
ISO 6370-2	Vitreous and porcelain enamels – Determination of the resistance to abrasion – Part 2: Loss in mass after sub-surface abrasion	25.220.50	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 6588-1	Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction	85.040; 85.060	2020-02
ISO 6798-1	Reciprocating internal combustion engines – Measurement of sound power level using sound pressure – Part 1: Engineering method	17.140.20; 27.020	2020-02
ISO 6798-2	Reciprocating internal combustion engines – Measurement of sound power level using sound pressure – Part 2: Survey method	17.140.20; 27.020	2020-02
ISO 7096	Earth-moving machinery – Laboratory evaluation of operator seat vibration	13.160; 53.100	2020-02
ISO 7240-17	Fire detection and fire alarm systems – Part 17: Transmission path isolators	13.220.20	2020-02
ISO 7270-1	Rubber – Analysis by pyrolytic gas-chromatographic methods – Part 1: Identification of polymers (single polymers and polymer blends)	83.060	2020-02
ISO 7870-7	Control charts – Part 7: Multivariate control charts	03.120.30	2020-02
ISO 8044	Corrosion of metals and alloys – Vocabulary	01.040.77; 77.060	2020-02
ISO 8289-1	Vitreous and porcelain enamels – Low-voltage test for detecting and locating defects – Part 1: Swab test for non-profiled surfaces	25.220.50	2020-02
ISO/TR 9241-312	Ergonomics of human-system interaction – Part 312: Readability of electrophoretic displays	13.180; 35.180	2020-02
ISO 9647	Steel – Determination of vanadium content – Flame atomic absorption spectrometric method (FAAS)	77.080.01	2020-02
ISO 9942-3	Cranes – Information labels – Part 3: Tower cranes	53.020.20	2020-02
ISO 11040-4 AMD 1	Prefilled syringes – Part 4: Glass barrels for injectables and sterilized subassembled syringes ready for filling; Amendment 1	11.040.25	2020-02
ISO 11074 AMD 1	Soil quality – Vocabulary; Amendment 1	01.040.13; 13.080.01	2020-02
ISO 11925-2	Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test	13.220.50	2020-02
ISO 12130-2	Plain bearings – Hydrodynamic plain tilting pad thrust bearings under steady-state conditions – Part 2: Functions for calculation of tilting pad thrust bearings	21.100.10	2020-02
ISO 12130-3	Plain bearings – Hydrodynamic plain tilting pad thrust bearings under steady-state conditions – Part 3: Guide values for the calculation of tilting pad thrust bearings	21.100.10	2020-02
ISO/TS 12828-3	Validation method for fire gas analysis – Part 3: Considerations related to interlaboratory trials	13.220.01	2020-02
ISO 12922	Lubricants, industrial oils and related products (class L) – Family H (hydraulic systems) – Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU	75.120	2020-02
ISO 13739	Petroleum products – Procedures for the transfer of bunkers to vessels	75.180.30	2020-02
ISO 14229-1	Road vehicles – Unified diagnostic services (UDS) – Part 1: Application layer	43.180	2020-02
ISO 14229-8	Road vehicles – Unified diagnostic services (UDS) – Part 8: UDS on Clock eXtension Peripheral Interface (UDSonCXPI)	43.180	2020-02
ISO 15093	Jewellery and precious metals – Determination of high purity gold, platinum and palladium – Difference method using ICP-OES	39.060	2020-02
ISO 15096	Jewellery and precious metals – Determination of high purity silver – Difference method using ICP-OES	39.060	2020-02
ISO 15098	Dentistry – Dental tweezers	11.060.20	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 15190	Medical laboratories – Requirements for safety	11.100.01	2020-02
ISO/TS 15638-4	Intelligent transport systems – Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) – Part 4: System security requirements	03.220.20; 35.240.60	2020-02
ISO 15674 AMD 1	Cardiovascular implants and artificial organs – Hard-shell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags – Amendment 1: Connectors	11.040.40	2020-02
ISO 15675 AMD 1	Cardiovascular implants and artificial organs – Cardiopulmonary bypass systems – Arterial blood line filters – Amendment 1: Connectors	11.040.40	2020-02
ISO 15746-3	Automation systems and integration – Integration of advanced process control and optimization capabilities for manufacturing systems – Part 3: Verification and validation	25.040.40	2020-02
ISO 15784-2 AMD 1	Intelligent transport systems (ITS) – Data exchange involving roadside modules communication – Part 2: Centre to field device communications using SNMP – Amendment 1: Support for SHA2 encryption	03.220.20; 35.240.60	2020-02
ISO 16106	Transport packages for dangerous goods – Dangerous goods packagings, intermediate bulk containers (IBCs) and large packagings – Guidelines for the application of ISO 9001	13.300; 55.020	2020-02
ISO 16932	Glass in building – Destructive-windstorm-resistant security glazing – Test and classification	81.040.20	2020-02
ISO 16936-1	Glass in building – Forced-entry security glazing – Part 1: Test and classification by repetitive ball drop	81.040.20	2020-02
ISO/TR 17243-3	Machine tool spindles – Evaluation of machine tool spindle vibrations by measurements on spindle housing – Part 3: Gear-driven spindles with rolling bearings operating at speeds between 600 r/min and 12 000 r/min	25.080.01	2020-02
ISO 17268	Gaseous hydrogen land vehicle refuelling connection devices	43.180; 71.100.20	2020-02
ISO 17409	Electrically propelled road vehicles – Conductive power transfer – Safety requirements	43.120	2020-02
ISO 18526-2	Eye and face protection – Test methods – Part 2: Physical optical properties	13.340.20	2020-02
ISO 18526-4	Eye and face protection – Test methods – Part 4: Headforms	13.340.20	2020-02
ISO 18684	Timekeeping instruments – Watch external parts made of hard material – General requirements and test methods	39.040.10	2020-02
ISO 19160-3	Addressing – Part 3: Address data quality	35.240.70	2020-02
ISO 19744	Test conditions for numerically controlled broaching machines – Testing of accuracy – Vertical surface type broaching machines	25.040.20; 25.080.30	2020-02
ISO 20024	Solid biofuels – Safe handling and storage of solid biofuel pellets in commercial and industrial applications	27.190; 75.160.40	2020-02
ISO 20031	Radiological protection – Monitoring and dosimetry for internal exposures due to wound contamination with radionuclides	13.280	2020-02
ISO 20688-1	Biotechnology – Nucleic acid synthesis – Part 1: Requirements for the production and quality control of synthesized oligonucleotides	07.080	2020-02
ISO 20794-2	Road vehicles – Clock extension peripheral interface (CXPI) – Part 2: Application layer	43.040.15	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 20794-3	Road vehicles – Clock extension peripheral interface (CXPI) – Part 3: Transport and network layer	43.040.15	2020-02
ISO 20794-4	Road vehicles – Clock extension peripheral interface (CXPI) – Part 4: Data link layer and physical layer	43.040.15	2020-02
ISO 20904	Hard coal – Sampling of slurries	73.040	2020-02
ISO 21143	Technical product documentation – Requirements for digital mock-up virtual assembly test for mechanical products	21.020	2020-02
ISO 21178	Light conveyor belts – Determination of electrical resistances	53.040.10	2020-02
ISO 21204	Geometrical product specifications (GPS) – Transition specification	17.040.01	2020-02
ISO 21420	Protective gloves – General requirements and test methods	13.340.40	2020-02
ISO 21631	Essential oil of clementine (Citrus clementina hort. ex Tanaka syn. Citrus reticulata Blanco x Citrus sinensis (L.) Osbeck), Spanish type	71.100.60	2020-02
ISO 21755-2	Motorcycles – Measurement method for evaporative emissions – Part 2: Permeation test procedure	13.040.50; 43.140	2020-02
ISO 21785	Air cargo unit load devices – Load distribution model	49.100; 49.120	2020-02
ISO 21853	Kite boarding – Release system – Safety requirements and test methods	97.220.40	2020-02
ISO 21894	Air cargo – Cargo stopper devices – Design and testing	55.180.30	2020-02
ISO 21895	Categorization and classification of civil unmanned aircraft systems	49.020	2020-02
ISO 21903	Refrigerated hydrocarbon fluids – Dynamic measurement – Requirements and guidelines for the calibration and installation of flowmeters used for liquefied natural gas (LNG) and other refrigerated hydrocarbon fluids	75.180.30	2020-02
ISO 21904-1	Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 1: General requirements	13.100; 25.160.01	2020-02
ISO 21904-2	Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 2: Requirements for testing and marking of separation efficiency	13.100; 25.160.01	2020-02
ISO 21904-4	Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 4: Determination of the minimum air volume flow rate of capture devices	13.100; 25.160.30	2020-02
ISO 21945	Solid biofuels – Simplified sampling method for small scale applications	27.190; 75.160.40	2020-02
ISO/TR 21959-2	Road vehicles – Human performance and state in the context of automated driving – Part 2: Considerations in designing experiments to investigate transition processes	43.020	2020-02
ISO/TR 21960	Plastics – Environmental aspects – State of knowledge and methodologies	13.020.01; 83.080.01	2020-02
ISO 22078	Intelligent transport systems – Bicyclist detection and collision mitigation systems (BDCMS) – Performance requirements and test procedures	35.240.60; 43.040.80	2020-02
ISO 22137	Space systems – Program management – Test reviews	49.140	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TR 22164	Hydraulic fluid power – Application notes for the optimization of the energy efficiency of hydraulic systems	23.100.01	2020-02
ISO 22313	Security and resilience – Business continuity management systems – Guidance on the use of ISO 22301	03.100.01; 03.100.70	2020-02
ISO 22367	Medical laboratories – Application of risk management to medical laboratories	11.100.01	2020-02
ISO 22392	Security and resilience – Community resilience – Guidelines for conducting peer reviews	03.100.01	2020-02
ISO 22396	Security and resilience – Community resilience – Guidelines for information exchange between organizations	03.100.01	2020-02
ISO 22426	Assessment of the effectiveness of cathodic protection based on coupon measurements	77.060	2020-02
ISO 22476-14	Geotechnical investigation and testing – Field testing – Part 14: Borehole dynamic probing	93.020	2020-02
ISO 22570	Dentistry – Spoons and bone curettes	11.060.20	2020-02
ISO 22636	Adhesives – Adhesives for floor coverings – Requirements for mechanical and electrical performance	83.180	2020-02
ISO 22863-1	Fireworks – Test methods for determination of specific chemical substances – Part 1: General	71.100.30	2020-02
ISO 22863-2	Fireworks – Test methods for determination of specific chemical substances – Part 2: Hexachlorobenzene by gas chromatography	71.100.30	2020-02
ISO/TS 23029	Web-service-based application programming interface (WAPI) in financial services	35.240.40	2020-02
ISO 23088	Gas cylinders – Periodic inspection and testing of welded steel pressure drums – Capacities up to 1 000 l	23.020.35	2020-02
ISO 23242	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for flexural strength of monolithic ceramic thin plates at room temperature by three-point or four-point bending	81.060.30	2020-02
ISO/TR 23482-1	Robotics – Application of ISO 13482 – Part 1: Safety-related test methods	25.040.30	2020-02
ISO/TS 23818-1	Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines – Part 1: Polyethylene (PE) material	23.040.20	2020-02
ISO 37156	Smart community infrastructures – Guidelines on data exchange and sharing for smart community infrastructures	13.020.20	2020-02
ISO 37161	Smart community infrastructures – Guidance on smart transportation for energy saving in transportation services	03.220.01; 13.020.20	2020-02
ISO 37162	Smart community infrastructures – Smart transportation for newly developing areas	03.220.01; 13.020.20	2020-02
ISO 56000	Innovation management – Fundamentals and vocabulary	01.040.03; 03.100.01; 03.100.40	2020-02
ISO 80601-2-12	Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators	11.040.10	2020-02
ISO/TS 81060-5	Non-invasive sphygmomanometers – Part 5: Requirements for the repeatability and reproducibility of NIBP simulators for testing of automated non-invasive sphygmomanometers	11.040.10	2020-02

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 60050-485	International Electrotechnical Vocabulary (IEV) – Part 485: Fuel cell technologies	01.040.27; 01.040.29; 27.070	2020-02
IEC 60079-6 AMD 1	Explosive atmospheres – Part 6: Equipment protection by liquid immersion “o”; Amendment 1	29.260.20	2020-02
IEC 60079-6 Edition 4.1	Explosive atmospheres – Part 6: Equipment protection by liquid immersion “o”	29.260.20	2020-02
IEC 60086-6	Primary batteries – Part 6: Guidance on environmental aspects	29.220.10	2020-02
IEC 60092-354	Electrical installations in ships – Part 354: Single- and three-core power cables with extruded solid insulation for rated voltages 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)	29.060.20; 47.020.60	2020-02
IEC 60191-2 AMD 21	Mechanical standardization of semiconductor devices – Part 2: Dimensions; Amendment 21	31.080.01; 31.240	2020-02
IEC 60335-2-107 AMD 1	Household and similar electrical appliances – Safety – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers; Amendment 1	65.060.70	2020-02
IEC 60335-2-107 Edition 2.1	Household and similar electrical appliances – Safety – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers	65.060.70	2020-02
IEC 60400 AMD 1	Lampholders for tubular fluorescent lamps and starterholders; Amendment 1	29.140.10	2020-02
IEC 60400 Edition 8.1	Lampholders for tubular fluorescent lamps and starterholders	29.140.10	2020-02
IEC/TR 60479-4	Effects of current on human beings and livestock – Part 4: Effects of lightning strokes	13.200; 13.260; 29.020	2020-02
IEC 60633 Corrigendum 1	High-voltage direct current (HVDC) transmission – Vocabulary; Corrigendum 1	01.040.29; 29.200	2020-02
IEC 60747-18-2	Semiconductor devices – Part 18-2: Semiconductor bio sensors – Evaluation process of lens-free CMOS photonic array sensor package modules	31.080.01; 31.080.99	2020-02
IEC 60838-1 AMD 2	Miscellaneous lampholders – Part 1: General requirements and tests; Amendment 2	29.140.10	2020-02
IEC 60838-1 Edition 5.2	Miscellaneous lampholders – Part 1: General requirements and tests	29.140.10	2020-02
IEC 61010-2-032 Corrigendum 1	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; Corrigendum 1	17.220.20	2020-02
IEC 61223-3-6	Evaluation and routine testing in medical imaging departments – Part 3-6: Acceptance and constancy tests – Imaging performance of mammographic X-ray equipment used in a mammographic tomosynthesis mode of operation	11.040.50	2020-02
IEC/TR 61511-4	Functional safety – Safety instrumented systems for the process industry sector – Part 4: Explanation and rationale for changes in IEC 61511-1 from Edition 1 to Edition 2	13.110; 25.040.01; 25.040.40; 35.240.50	2020-02
IEC 61850-7-2 AMD 1	Communication networks and systems for power utility automation – Part 7-2: Basic information and communication structure – Abstract communication service interface (ACSI); Amendment 1	33.040.40; 33.200	2020-02
IEC 61850-7-2 Edition 2.1	Communication networks and systems for power utility automation – Part 7-2: Basic information and communication structure – Abstract communication service interface (ACSI)	33.040.40; 33.200	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61850-7-3 AMD 1	Communication networks and systems for power utility automation – Part 7-3: Basic communication structure – Common data classes; Amendment 1	33.040.40; 33.200	2020-02
IEC 61850-7-3 Edition 2.1	Communication networks and systems for power utility automation – Part 7-3: Basic communication structure – Common data classes	33.040.40; 33.200	2020-02
IEC 61850-7-4 AMD 1	Communication networks and systems for power utility automation – Part 7-4: Basic communication structure – Compatible logical node classes and data object classes; Amendment 1	33.040.40; 33.200	2020-02
IEC 61850-7-4 Edition 2.1	Communication networks and systems for power utility automation – Part 7-4: Basic communication structure – Compatible logical node classes and data object classes	33.040.40; 33.200	2020-02
IEC 61850-8-1 AMD 1	Communication networks and systems for power utility automation – Part 8-1: Specific communication service mapping (SCSM) – Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3; Amendment 1	33.040.40; 33.200	2020-02
IEC 61850-8-1 Edition 2.1	Communication networks and systems for power utility automation – Part 8-1: Specific communication service mapping (SCSM) – Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3	33.040.40; 33.200	2020-02
IEC 61850-9-2 AMD 1	Communication networks and systems for power utility automation – Part 9-2: Specific communication service mapping (SCSM) – Sampled values over ISO/IEC 8802-3; Amendment 1	33.040.40; 33.200	2020-02
IEC 61850-9-2 Edition 2.1	Communication networks and systems for power utility automation – Part 9-2: Specific communication service mapping (SCSM) – Sampled values over ISO/IEC 8802-3	33.040.40; 33.200	2020-02
IEC 61854	Overhead lines – Requirements and tests for spacers	29.240.20	2020-02
IEC 62148-6	Fibre optic active components and devices – Package and interface standards – Part 6: ATM-PON transceivers	33.180.20; 33.180.30	2020-02
IEC 62282-8-101	Fuel cell technologies – Part 8-101: Energy storage systems using fuel cell modules in reverse mode – Test procedures for the performance of solid oxide single cells and stacks, including reversible operation	27.070	2020-02
IEC 62351-3 AMD 2	Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP; Amendment 2	33.200; 35.030; 35.240.50	2020-02
IEC 62351-3 Edition 1.2	Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP	33.200; 35.240.50	2020-02
IEC 62435-3	Electronic components – Long-term storage of electronic semiconductor devices – Part 3: Data	31.020; 31.200	2020-02
IEC/TR 62544 AMD 2	High-voltage direct current (HVDC) systems – Application of active filters; Amendment 2	29.240.99	2020-02
IEC/TR 62544 Edition 1.2	High-voltage direct current (HVDC) systems – Application of active filters	29.240.99	2020-02
IEC/TS 62607-4-8	Nanomanufacturing – Key control characteristics – Part 4-8: Nano-enabled electrical energy storage – Determination of water content in electrode nanomaterials, Karl Fischer method	07.030; 07.120; 31.020	2020-02
IEC/TS 62749	Assessment of power quality – Characteristics of electricity supplied by public networks	17.220.99; 29.240.01	2020-02

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62779-4	Semiconductor devices – Semiconductor interface for human body communication – Part 4: Capsule endoscope	31.080.01	2020-02
IEC 62841-3-9	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-9: Particular requirements for transportable mitre saws	25.140.20; 65.060.70; 65.060.80	2020-02
IEC/TS 62862-3-3	Solar thermal electric plants – Part 3-3: Systems and components – General requirements and test methods for solar receivers	27.160	2020-02
IEC 62932-1	Flow battery energy systems for stationary applications – Part 1: Terminology and general aspects	01.040.29; 29.220.99	2020-02
IEC 62932-2-1	Flow battery energy systems for stationary applications – Part 2-1: Performance general requirements and test methods	29.220.99	2020-02
IEC 62932-2-2	Flow battery energy systems for stationary applications – Part 2-2: Safety requirements	29.220.99	2020-02
IEC/TR 63082-1	Intelligent device management – Part 1: Concepts and terminology	03.100.01; 25.040.01; 25.040.40; 35.240.50	2020-02
IEC/TS 63164-1	Reliability of industrial automation devices and systems – Part 1: Assurance of automation devices reliability data and specification of their source	25.040.01	2020-02
IEC/TR 63211-2-12	Durability test methods for electronic displays – Part 2-12: Environmental tests – Environmental conditions of use, storage and transportation of electronic displays	31.120	2020-02
IEC SRD 63234-1	Economic evaluation of active assisted living services – Part 1: Framework	03.100.60; 11.180.01; 97.120	2020-02
IEC SRD 63234-2	Economic evaluation of active assisted living services – Part 2: Example of use – Monitoring patients with chronic diseases	03.100.60; 11.180.01; 97.120	2020-02
IEC/TR 63239	Radio frequency beam wireless power transfer (WPT) for mobile devices	29.240.99; 33.160.99	2020-02
IEC/PAS 63267-3-31	Fibre optic interconnecting devices and passive components – Fibre optic connector optical interfaces – Part 3-31: End face geometry – Flat PC PPS rectangular ferrule multimode fibres	33.180.20	2020-02
ISO/IEC 9797-3 AMD 1	Information technology – Security techniques – Message Authentication Codes (MACs) – Part 3: Mechanisms using a universal hash-function; Amendment 1	35.030	2020-02
ISO/IEC TR 11801-9906	Information technology – Generic cabling for customer premises – Part 9906: Balanced 1-pair cabling channels up to 600 MHz for single pair Ethernet (SPE)	35.200	2020-02
ISO/IEC 14543-5-102	Information technology – Home electronic system (HES) architecture – Part 5-102: Intelligent grouping and resource sharing – Remote universal management profile	35.240.67	2020-02
ISO/IEC 17549-2	Information technology – User interface guidelines on menu navigation – Part 2: Navigation with 4-direction devices	35.240.20	2020-02
ISO/IEC 19516	Information technology – Object management group – Interface definition language (IDL) 4.2	35.060	2020-02
ISO/IEC 21118	Information technology – Office equipment – Information to be included in specification sheets for data projectors	35.260	2020-02
ISO/IEC 21471	Information technology – Automatic identification and data capture techniques – Extended rectangular data matrix (DMRE) bar code symbology specification	35.040.50	2020-02

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ISO/IEC 22624	Information technology – Cloud computing – Taxonomy based data handling for cloud services	35.210	2020-02
ISO/IEC 23009-5 AMD 1	Information technology – Dynamic adaptive streaming over HTTP (DASH) – Part 5: Server and network assisted DASH (SAND) – Amendment 1: Improvements on SAND messages	35.040.40	2020-02
ISO/IEC TS 23167	Information technology – Cloud computing – Common technologies and techniques	35.210	2020-02
ISO/IEC TR 23188	Information technology – Cloud computing – Edge computing landscape	35.210	2020-02
ISO/IEC 23736-1	Information technology – Digital publishing – EPUB 3.0.1 – Part 1: Overview	35.240.30	2020-02
ISO/IEC 23736-2	Information technology – Digital publishing – EPUB 3.0.1 – Part 2: Publications	35.240.30	2020-02
ISO/IEC 23736-3	Information technology – Digital publishing – EPUB 3.0.1 – Part 3: Content documents	35.240.30	2020-02
ISO/IEC 23736-4	Information technology – Digital publishing – EPUB 3.0.1 – Part 4: Open container format	35.240.30	2020-02
ISO/IEC 23736-5	Information technology – Digital publishing – EPUB 3.0.1 – Part 5: Media overlays	35.240.30	2020-02
ISO/IEC 23736-6	Information technology – Digital publishing – EPUB 3.0.1 – Part 6: Canonical fragment identifiers	35.240.30	2020-02
ISO/IEC 38506	Information technology – Governance of IT – Application of ISO/IEC 38500 to the governance of IT enabled investments	35.020	2020-02