

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 5, *Metalne cijevi i priključci*

- HRN EN 14628-1:2020 en pr
Duktilne željezne cijevi, spojni dijelovi i pribor – Zahtjevi i metode ispitivanja – 1. dio: PE prevlake (EN 14628-1:2020)
Ductile iron pipes, fittings and accessories – Requirements and test methods – Part 1: PE coatings (EN 14628-1:2020)

HZN/TO 28, *Naftni proizvodi i maziva*

- HRN EN ISO 5165:2020 en pr
Naftni proizvodi – Određivanje sposobnosti paljenja dizelskih goriva – Cetanski broj prema motornoj metodi (ISO 5165:2020; EN ISO 5165:2020)
Petroleum products – Determination of the ignition quality of diesel fuels – Cetane engine method (ISO 5165:2020; EN ISO 5165:2020)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

- HRN ISO 2292:2020 en pr
Zrna kakaa – Uzimanje uzoraka (ISO 2292:2017)
Cocoa beans – Sampling (ISO 2292:2017)
- HRN ISO 2451:2020 en pr
Zrna kakaa – Specifikacija i zahtjevi za kakvoću (ISO 2451:2017)
Cocoa beans – Specification and quality requirements (ISO 2451:2017)
- HRN ISO 11036:2020 en pr
Senzorske analize – Metodologija – Profil teksture (ISO 11036:2020)
Sensory analysis – Methodology – Texture profile (ISO 11036:2020)

HZN/TO 43, *Akustika*

- HRN EN ISO 12999-2:2020 en pr
Akustika – Određivanje i primjena mjerne nesigurnosti u akustici u zgradarstvu – 2. dio: Žvučna apsorpcija (ISO 12999-2:2020; EN ISO 12999-2:2020)
Acoustics – Determination and application of measurement uncertainties in building acoustics – Part 2: Sound absorption (ISO 12999-2:2020; EN ISO 12999-2:2020)

HZN/TO 44, *Zavarivanje i srodni postupci*

- HRN EN ISO 25239-1:2020 en pr
Zavarivanje trenjem uz miješanje – Aluminij – 1. dio: Terminološki rječnik (ISO 25239-1:2020; EN ISO 25239-1:2020)
Friction stir welding – Aluminium – Part 1: Vocabulary (ISO 25239-1:2020; EN ISO 25239-1:2020)
- HRN EN ISO 25239-2:2020 en pr
Zavarivanje trenjem uz miješanje – Aluminij – 2. dio: Oblikovanje zavarenih spojeva (ISO 25239-2:2020; EN ISO 25239-2:2020)
Friction stir welding – Aluminium – Part 2: Design of weld joints (ISO 25239-2:2020; EN ISO 25239-2:2020)

- HRN EN ISO 25239-3:2020 en pr
Zavarivanje trenjem uz miješanje – Aluminij – 3. dio: Osposobljenost rukovatelja zavarivanja (ISO 25239-3:2020; EN ISO 25239-3:2020)
Friction stir welding – Aluminium – Part 3: Qualification of welding operators (ISO 25239-3:2020; EN ISO 25239-3:2020)

- HRN EN ISO 25239-4:2020 en pr
Zavarivanje trenjem uz miješanje – Aluminij – 4. dio: Specifikacija i kvalifikacija postupaka zavarivanja (ISO 25239-4:2020; EN ISO 25239-4:2020)
Friction stir welding – Aluminium – Part 4: Specification and qualification of welding procedures (ISO 25239-4:2020; EN ISO 25239-4:2020)

- HRN EN ISO 25239-5:2020 en pr
Zavarivanje trenjem uz miješanje – Aluminij – 5. dio: Zahtjevi za kvalitetu i inspekciju (ISO 25239-5:2020; EN ISO 25239-5:2020)
Friction stir welding – Aluminium – Part 5: Quality and inspection requirements (ISO 25239-5:2020; EN ISO 25239-5:2020)

HZN/TO 69, *Primjena statističkih metoda*

- HRN ISO 2859-2:2020 en pr
Postupci uzorkovanja pri pregledima prema obilježjima – 2. dio: Planovi uzorkovanja razvrstani u odnosu na ograničenu kvalitetu (LQ) za pregledavanje izdvojene partije (ISO 2859-2:2020)
Sampling procedures for inspection by attributes – Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection (ISO 2859-2:2020)

- HRN ISO 2859-4:2020 en pr
Postupci ocjenjivanja deklariranih razina kvalitete (ISO 2859-4:2020)
Sampling procedures for inspection by attributes – Part 4: Procedures for assessment of declared quality levels (ISO 2859-4:2020)

- HRN ISO 5725-2:2020 en pr
Točnost (istinitost i preciznost) mjernih metoda i rezultata – 2. dio: Osnovna metoda određivanja ponovljivosti i obnovljivosti standardne mjerne metode (ISO 5725-2:2019)
Accuracy (trueness and precision) of measurement methods and results – Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method (ISO 5725-2:2019)

- HRN ISO 5725-4:2020 en pr
Točnost (istinitost i preciznost) mjernih metoda i rezultata – 4. dio: Osnovne metode određivanja istinitosti standardne mjerne metode (ISO 5725-4:2020)
Accuracy (trueness and precision) of measurement methods and results – Part 4: Basic methods for the determination of the trueness of a standard measurement method (ISO 5725-4:2020)

- HRN ISO 7870-1:2020 en pr
Kontrolni dijagrami – 1. dio: Opće smjernice (ISO 7870-1:2019)
Control charts – Part 1: General guidelines (ISO 7870-1:2019)

HZN/TO 120, *Koža i obuća*

- HRN EN ISO 20136:2020 en pr
Koža – Određivanje razgradivosti pomoću mikroorganizama (ISO 20136:2020; EN ISO 20136:2020)
Leather – Determination of degradability by micro-organisms (ISO 20136:2020; EN ISO 20136:2020)

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

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

- HRS CEN/TS 17176-7:2020 en pr
Plastični cijevni sustavi za opskrbu vodom i podzemnu i nadzemnu tlačnu odvodnju, kanalizaciju i navodnjavanje – Orijentirani neomekšani poli(vinil-klorid) (PVC-O) – 7. dio: Ocjenjivanje sukladnosti (CEN/TS 17176-7:2020)
Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure – Oriented unplasticized poly(vinyl chloride) (PVC-O) – Part 7: Assessment of conformity (CEN/TS 17176-7:2020)

HZN/TO 163, Toplinska izolacija

HRN EN ISO 16534:2020 en pr
Toplinsko-izolacijski proizvodi za zgrade – Određivanje puzanja pri tlačnom opterećenju (ISO 16534:2020; EN ISO 16534:2020)
Thermal insulating products for building applications – Determination of compressive creep (ISO 16534:2020; EN ISO 16534:2020)

HRN EN ISO 16546:2020 en pr
Toplinsko-izolacijski proizvodi za zgrade – Određivanje otpornosti na smrzavanje i odmrzavanje (ISO 16546:2020; EN ISO 16546:2020)
Thermal insulating products for building applications – Determination of freeze-thaw resistance (ISO 16546:2020; EN ISO 16546:2020)

HRN EN ISO 29470:2020 en pr
Toplinsko-izolacijski proizvodi za zgrade – Određivanje prividne gustoće (ISO 29470:2020; EN ISO 29470:2020)
Thermal insulating products for building applications – Determination of the apparent density (ISO 29470:2020; EN ISO 29470:2020)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 8624:2020 en pr
Oftalmološka optika – Okviri za naočale – Mjerni sustav i rječnik (ISO 8624:2019; EN ISO 8624:2020)
Ophthalmic optics – Spectacle frames – Measuring system and vocabulary (ISO 8624:2020; EN ISO 8624:2020)

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

HRN EN 81-72:2020 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 72. dio: Vatrogasna dizala (EN 81-72:2020)
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 72: Firefighters lifts (EN 81-72:2020)

HRN EN 81-73:2020 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 73. dio: Način rada dizala u slučaju požara (EN 81-73:2020)
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 73: Behaviour of lifts in the event of fire (EN 81-73:2020)

HZN/TO 179, Zidane konstrukcije

HRN EN 1745:2020 en pr
Zidovi i proizvodi za zidanje – Metode određivanja toplinskih svojstava (EN 1745:2020)
Masonry and masonry products – Methods for determining thermal properties (EN 1745:2020)

HZN/TO 181, Sigurnost igračaka i proizvodi za djecu

HRN EN 1273:2020 en pr
Proizvodi za dojenčad i malu djecu – Hodalice – Sigurnosni zahtjevi i metode ispitivanja (EN 1273:2020)
Child care articles – Baby walking frames – Safety requirements and test methods (EN 1273:2020)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 18674-4:2020 en pr
Geotehničko istraživanje i ispitivanje – Geotehničko opažanje terenskom mjernom opremom – 4. dio: Mjerenje tlaka vode u porama: Piezometri (ISO 18674-4:2020; EN ISO 18674-4:2020)
Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 4: Measurement of pore water pressure: Piezometers (ISO 18674-4:2020; EN ISO 18674-4:2020)

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14007:2020 en pr
Upravljanje okolišem – Upute za određivanje troškova i koristi povezanih s okolišem (ISO 14007:2019; EN ISO 14007:2020)
Environmental management – Guidelines for determining environmental costs and benefits (ISO 14007:2019; EN ISO 14007:2020)

HRN EN ISO 14008:2020 en pr
Novčano vrednovanje utjecaja na okoliš i povezanih aspekata okoliša (ISO 14008:2019; EN ISO 14008:2020)
Monetary valuation of environmental impacts and related environmental aspects (ISO 14008:2019; EN ISO 14008:2020)

HZN/TO 503, Metalni materijali

HRN EN ISO 4499-1:2020 en pr
Tvrdi metali – Metalografsko određivanje mikrostrukture – 1. dio: Fotomikrografija i opisivanje (ISO 4499-1:2020; EN ISO 4499-1:2020)
Hardmetals – Metallographic determination of microstructure – Part 1: Photomicrographs and description (ISO 4499-1:2020; EN ISO 4499-1:2020)

HRN EN ISO 4499-2:2020 en pr
Tvrdi metali – Metalografsko određivanje mikrostrukture – 2. dio: Mjerenje WC veličine zrna (ISO 4499-2:2020; EN ISO 4499-2:2020)
Hardmetals – Metallographic determination of microstructure – Part 2: Measurement of WC grain size (ISO 4499-2:2020; EN ISO 4499-2:2020)

HRN EN ISO 4947:2020 en pr
Čelik i željezni ljev – Određivanje sadržaja vanadija – Metoda potenciometrijske titracije (ISO 4947:2020; EN ISO 4947:2020)
Steel and cast iron – Determination of vanadium content – Potentiometric titration method (ISO 4947:2020; EN ISO 4947:2020)

HRN EN ISO 10893-9:2012/A1:2020 en pr
Nerazorno ispitivanje čeličnih cijevi – 9. dio: Automatizirano ultrazvučno ispitivanje radi otkrivanja laminarnih nepravilnosti kod traka/limova koji se upotrebljavaju za proizvodnju zavarenih čeličnih cijevi – Amandman 1: Promjena kriterija prihvatljivosti (ISO 10893-9:2011/Amd 1:2020; EN ISO 10893-9:2011/A1:2020)
Non-destructive testing of steel tubes – Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes – Amendment 1: Change acceptance criteria (ISO 10893-9:2011/Amd 1:2020; EN ISO 10893-9:2011/A1:2020)

HRN EN ISO 10893-10:2012/A1:2020 en pr
Nerazorno ispitivanje čeličnih cijevi – 10. dio: Automatizirano ultrazvučno ispitivanje bešavnih i zavarenih čeličnih cijevi po cijelom opsegu (osim elektrolučno zavarenih pod praškom) radi otkrivanja uzdužnih i/ili poprečnih nepravilnosti – Amandman 1: Promjena frekvencije ultrazvučnoga ispitivanja, promjena kriterija prihvatljivosti (ISO 10893-10:2011/Amd 1:2020; EN ISO 10893-10:2011/A1:2020)
Non-destructive testing of steel tubes – Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections – Amendment 1: Change of ultrasonic test frequency, change of acceptance criteria (ISO 10893-10:2011/Amd 1:2020; EN ISO 10893-10:2011/A1:2020)

HRN EN ISO 10893-11:2012/A1:2020 en pr
Nerazorno ispitivanje čeličnih cijevi – 11. dio: Automatizirano ultrazvučno ispitivanje šavnih zavara elektro-zavarenih čeličnih cijevi radi otkrivanja uzdužnih i/ili poprečnih nepravilnosti – Amandman 1: Promjena frekvencije ultrazvučnoga ispitivanja, promjena kriterija prihvatljivosti (ISO 10893-11:2011/Amd 1:2020; EN ISO 10893-11:2011/A1:2020)
Non-destructive testing of steel tubes – Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections – Amendment 1: Change of ultrasonic test frequency, change of acceptance criteria (ISO 10893-11:2011/Amd 1:2020; EN ISO 10893-11:2011/A1:2020)

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

HRN EN ISO 11961:2018/A1:2020 en pr
Industrija nafte i prirodnoga plina – Čelična cijev za bušenje (ISO 11961:2018/Amd 1:2020; EN ISO 11961:2018/A1:2020)
Petroleum and natural gas industries – Steel drill pipe (ISO 11961:2018/Amd 1:2020; EN ISO 11961:2018/A1:2020)

HRN EN 16808:2020 en pr
Industrija nafte, petrokemije i prirodnoga plina – Sigurnost strojeva – Ručni elevatori (EN 16808:2020)
Petroleum, petrochemical and natural gas industries – Safety of machineries – Manual elevators (EN 16808:2020)

HZN/TO 509, Cestovna oprema

HRN EN 16303:2020 en pr
Zaštitni cestovni sustavi – Validacija i verifikacija procesa koji se koriste pri virtualnom ispitivanju zaštitnoga sustava pri sudaru vozila (EN 16303:2020)
Road restraint systems – Validation and verification process for the use of virtual testing in crash testing against vehicle restraint system (EN 16303:2020)

HZN/TO 524, Inteligentni transportni sustavi

HRN EN 16157-5:2020 en pr
Inteligentni transportni sustavi – DATEX II specifikacija za razmjenu podataka za upravljanje prometom i informiranje – 5. dio: Objave o izmjerenim i obrađenim podacima (EN 16157-5:2020)
Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 5: Measured and elaborated data publications (EN 16157-5:2020)

HZN/TO 526, Bitumenska veziva

HRS CEN/TS 17481:2020 en pr
Bitumen i bitumenska veziva – Određivanje udjela soli u bitumenu – Metoda električne provodnosti (CEN/TS 17481:2020)
Bitumen and bituminous binders – Determination of salt content in bitumen – Electrical conductivity method (CEN/TS 17481:2020)

HRS CEN/TS 17482:2020 en pr
Bitumen i bitumenska veziva – Određivanje kiselinskog broja bitumena – Potenciometrijska metoda (CEN/TS 17482:2020)
Bitumen and bituminous binders – Determination of acid number of bitumen – Potentiometric method (CEN/TS 17482:2020)

HZN/TO 528, Oprema za željeznice

HRN EN 13715:2020 en pr
Željeznički sustav – Osovinski sklopovi i okretna postolja – Kotači – Profil kotača (EN 13715:2020)
Railway applications – Wheelsets and bogies – Wheels – Tread profile (EN 13715:2020)

HRN EN 13979-1:2020 en pr
Željeznički sustav – Osovinski sklopovi i okretna postolja – Monoblok kotači – Postupak tehničkog odobravanja – 1. dio: Kovani i valjani kotači (EN 13979-1:2020)
Railway applications – Wheelsets and bogies – Monobloc Wheels – Technical approval procedure – Part 1: Forged and rolled wheels (EN 13979-1:2020)

HRN EN 15328:2020 en pr
Željeznički sustav – Kočenje – Kočni ulošci (EN 15328:2020)
Railway applications – Braking – Brake pads (EN 15328:2020)

HRN EN 17285:2020 en pr
Željeznički sustav – Akustika – Mjerenje zvučnih signala upozorenja na vratima (EN 17285:2020)
Railway applications – Acoustics – Measuring of door audible warnings (EN 17285:2020)

HRN EN 17355:2020 en pr
Željeznički sustav – Komunikacijski uređaji za gradski i prigradski tračnički prijevoz – Zahtjevi za sustav (EN 17355:2020)
Railway applications – Communication device for urban rail – System requirements (EN 17355:2020)

HRN EN 45545-2:2020 en pr
Željeznički sustav – Zaštita od požara na željezničkim vozilima – 2. dio: Zahtjevi za ponašanje materijala i komponenti u požaru (EN 45545-2:2020)
Railway applications – Fire protection on railway vehicles – Part 2: Requirements for fire behavior of materials and components (EN 45545-2:2020)

HZN/TO 531, Plastika i guma

HRN EN ISO 294-3:2020 en pr
Plastika – Injekcijsko prešani ispitnici plastomernih materijala – 3. dio: Male ploče (ISO 294-3:2020; EN ISO 294-3:2020)
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 3: Small plates (ISO 294-3:2020; EN ISO 294-3:2020)

HRN EN ISO 1628-2:2020 en pr
Plastika – Određivanje viskoznosti razrijeđenih polimernih otopina kapilarnim viskozimetrom – 2. dio: Poli(vinil-kloridne) smole (ISO 1628-2:2020; EN ISO 1628-2:2020)
Plastics – Determination of the viscosity of polymers in dilute solution using capillary viscometers – Part 2: Poly(vinyl chloride) resins (ISO 1628-2:2020; EN ISO 1628-2:2020)

HRN EN ISO 8031:2020 en pr
Gumena i plastična crijeva i crijevni sklopovi – Određivanje električne otpornosti i vodljivosti (ISO 8031:2020; EN ISO 8031:2020)
Rubber and plastics hoses and hose assemblies – Determination of electrical resistance and conductivity (ISO 8031:2020; EN ISO 8031:2020)

HZN/TO 534, Spremnici za teret

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

HRN EN ISO 23208:2019/A1:2020 en pr
Kriogenične posude – Čistoća površina posuda za kriogenične uvjete (ISO 23208:2017/Amd 1:2020; EN ISO 23208:2019/A1:2020)
Cryogenic vessels – Cleanliness for cryogenic service (ISO 23208:2017/Amd 1:2020; EN ISO 23208:2019/A1:2020)

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

HRN EN ISO 128-3:2020 en pr
Tehnička dokumentacija proizvoda – Osnovna načela prikazivanja – 3. dio: Pogledi, presjeci i rezovi (ISO 128-3:2020; EN ISO 128-3:2020)
Technical product documentation – General principles of representation – Part 3: Views, sections and cuts (ISO 128-3:2020; EN ISO 128-3:2020)

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

HRN EN 17414-1:2020 en pr
Cijevi za daljinsko hlađenje – Tvornički izrađeni sustavi savitljivih cijevi – 1. dio: Razredba, opći zahtjevi i metode ispitivanja (EN 17414-1:2020)
District cooling pipes – Factory made flexible pipe systems – Part 1: Classification, general requirements and test methods (EN 17414-1:2020)

HRN EN 17414-2:2020 en pr
Cijevi za daljinsko hlađenje – Tvornički izrađeni sustavi savitljivih cijevi – 2. dio: Spojeni sustav s plastičnim cijevima, zahtjevi i metode ispitivanja (EN 17414-2:2020)
District cooling pipes – Factory made flexible pipe systems – Part 2: Bonded system with plastic service pipes, requirements and test methods (EN 17414-2:2020)

HRN EN 17414-3:2020 en pr
Cijevi za daljinsko hlađenje – Tvornički izrađeni sustavi savitljivih cijevi – 3. dio: Nespojani sustav s plastičnim cijevima, zahtjevi i metode ispitivanja (EN 17414-3:2020)
District cooling pipes – Factory made flexible pipe systems – Part 3: Non bonded system with plastic service pipes, requirements and test methods (EN 17414-3:2020)

HRN EN 17415-1:2020 en pr
Cijevi za daljinsko hlađenje – Povezani cijevni sustavi za direktno ukopane mreže za hladnu vodu – 1. dio: Tvornički izrađeni cijevni sklopovi od čeličnih ili plastičnih cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice (EN 17415-1:2020)
District cooling pipes – Bonded single pipe systems for directly buried cold water networks – Part 1: Factory made pipe assembly of steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene (EN 17415-1:2020)

HZN/TO 548, Konstrukcijski eurokodovi

HRS CEN/TS 17440:2020 en pr
Ocjenjivanje i obnova postojećih konstrukcija (CEN/TS 17440:2020)
Assessment and retrofitting of existing structures (CEN/TS 17440:2020)

HZN/TO 551, *Gradnja*

HRN EN ISO 23387:2020 en pr
Modeliranje informacija o građevinama (BIM) – Predlošci podataka za građevne elemente koji se upotrebljavaju tijekom životnog ciklusa građevine – Koncepti i načela (ISO 23387:2020; EN ISO 23387:2020)
Building Information Modelling (BIM) – Data templates for construction objects used in the life cycle of any built asset – Concepts and principles (ISO 23387:2020; EN ISO 23387:2020)

HZN/TO 557, *Zaštitna odjeća*

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

HZN/TO 560, *Tekstilni proizvodi*

HRN EN ISO 1833-25:2020 en pr
Tekstil – Kvantitativna kemijska analiza – 25. dio: Mješavine poliesterskih i drugih vlakana (metoda s uporabom trikloroctene kiseline i kloroforma) (ISO 1833-25:2020; EN ISO 1833-25:2020)
Textiles – Quantitative chemical analysis – Part 25: Mixtures of polyester with certain other fibres (method using trichloroacetic acid and chloroform) (ISO 1833-25:2020; EN ISO 1833-25:2020)

HZN/TO E2, *Rotacijski strojevi*

HRN EN IEC 60034-3:2020 en pr
Rotacijski električni strojevi – 3. dio: Posebni zahtjevi za sinkrone generatore pokretane parnim turbinama ili plinskim turbinama s izgaranjem i za sinkrone kompenzatore (IEC 60034-3:2020; EN IEC 60034-3:2020)
Rotating electrical machines – Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines and for synchronous compensators (IEC 60034-3:2020; EN IEC 60034-3:2020)

HRN EN IEC 60034-5:2020 en pr
Rotacijski električni strojevi – 5. dio: Stupnjevi zaštite postignuti cjelovitom konstrukcijom rotacijskih strojeva (IP kod) – Klasificiranje (IEC 60034-5:2020; EN IEC 60034-5:2020)
Rotating electrical machines – Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) – Classification (IEC 60034-5:2020; EN IEC 60034-5:2020)

HZN/TO E9, *Električna oprema za željeznicu*

HRN EN 50128:2013/A2:2020 en pr
Željeznički sustav – Komunikacijska i signalna tehnika i sustavi obrade podataka – Softver za željezničke upravljačke i kontrolne sustave (EN 50128:2011/A2:2020)
Railway applications – Communication, signalling and processing systems – Software for railway control and protection systems (EN 50128:2011/A2:2020)

HZN/TO E34, *Žarulje, svjetiljke i pripadna oprema*

HRN EN 60061-2:2008/A56:2020 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 2. dio: Grla za žarulje (IEC 60061-2:1969/am56:2020; EN 60061-2:1993/A56:2020)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/am56:2020; EN 60061-2:1993/A56:2020)

HRN EN 60061-3:2008/A58:2020 en pr
Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 3. dio: Granična mjerila (IEC 60061-3:1969/am58:2020; EN 60061-3:1993/A58:2020)
Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/am58:2020; EN 60061-3:1993/A58:2020)

HZN/TO E45, *Nuklearna instrumentacija*

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

HZN/TO E55, *Žice za namote*

HRN EN IEC 60317-0-4:2020 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 0-4: Opći zahtjevi – Nelakirana ili lakirana profilna bakrena žica omotana staklenim vlaknima i impregnirana smolom ili lakom (IEC 60317-0-4:2020; EN IEC 60317-0-4:2020)
Specifications for particular types of winding wires – Part 0-4: General requirements – Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire (IEC 60317-0-4:2020; EN IEC 60317-0-4:2020)

HRN EN IEC 60317-0-6:2020 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 0-6: Opći zahtjevi – Nelakirana ili lakirana profilna bakrena žica omotana staklenim vlaknima i impregnirana smolom ili lakom (IEC 60317-0-6:2020; EN IEC 60317-0-6:2020)
Specifications for particular types of winding wires – Part 0-6: General requirements – Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire (IEC 60317-0-6:2020; EN IEC 60317-0-6:2020)

HRN EN IEC 60317-71:2020 en pr
Specifikacije pojedinih vrsta žica za namote – 71. dio: Nelakirana ili lakirana okrugla bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana lakom ili smolom, indeksa temperature 180 (IEC 60317-71:2020; EN IEC 60317-71:2020)
Specifications for particular types of winding wires – Part 71: Polyester glass-fibre wound and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180 (IEC 60317-71:2020; EN IEC 60317-71:2020)

HRN EN IEC 60317-72:2020 en pr
Specifikacije pojedinih vrsta žica za namote – 72. dio: Nelakirana ili lakirana okrugla bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana slikskom smolom/lakom, indeksa temperature 200 (IEC 60317-72:2020; EN IEC 60317-72:2020)
Specifications for particular types of winding wires – Part 72: Polyester glass-fibre wound silicone resin/varnish impregnated, bare or enamelled round copper wire, temperature index 200 (IEC 60317-72:2020; EN IEC 60317-72:2020)

HZN/TO E62, *Električna oprema u medicinskoj praksi*

HRN EN 62366-1:2015/A1:2020 en pr
Medicinski uređaji – 1. dio: Primjena prikladnog oblikovanja i konstrukcije medicinskih uređaja (IEC 62366-1:2015/am1:2020; EN 62366-1:2015/A1:2020)
Medical devices – Part 1: Application of usability engineering to medical devices (IEC 62366-1:2015/am1:2020; EN 62366-1:2015/A1:2020)

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

HRN EN IEC 62541-7:2020 en pr
OPC objedinjena arhitektura – 7. dio: Profili (IEC 62541-7:2020; EN IEC 62541-7:2020)
OPC unified architecture – Part 7: Profiles (IEC 62541-7:2020; EN IEC 62541-7:2020)

HRN EN IEC 62541-8:2020 en pr
OPC objedinjena arhitektura – 8. dio: Pristup podacima (IEC 62541-8:2020; EN IEC 62541-8:2020)
OPC Unified Architecture – Part 8: Data Access (IEC 62541-8:2020; EN IEC 62541-8:2020)

HRN EN IEC 62541-9:2020 en pr
OPC objedinjena arhitektura – 9. dio: Alarmi i stanja (IEC 62541-9:2020; EN IEC 62541-9:2020)
OPC Unified Architecture – Part 9: Alarms and conditions (IEC 62541-9:2020; EN IEC 62541-9:2020)

HRN EN IEC 62541-12:2020 en pr
OPC unified architecture – Part 12: Discovery and global services (IEC 62541-12:2020; EN IEC 62541-12:2020)

HRN EN IEC 62541-13:2020 en pr
OPC objedinjena arhitektura – 13. dio: Okupljanje (IEC 62541-13:2020; EN IEC 62541-13:2020)
OPC Unified Architecture – Part 13: Aggregates (IEC 62541-13:2020; EN IEC 62541-13:2020)

HZN/TO E79, Alarmni sustavi

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

HZN/TO E88, Vjetroagregati

HRN EN IEC 61400-5:2020 en pr
Sustavi za proizvodnju energije iz vjetra – 5. dio: Lopatice vjetroagregata (IEC 61400-5:2020; EN IEC 61400-5:2020)
Wind energy generation systems – Part 5: Wind turbine blades (IEC 61400-5:2020; EN IEC 61400-5:2020)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN IEC 55016-1-4:2019/A1:2020 en pr
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 1-4: Uređaji za mjerenja radiosmetnja i otpornosti – Antene i ispitna mjesta za mjerenje zračenih smetnja (CISPR 16-1-4:2019/am1:2020; EN IEC 55016-1-4:2019/A1:2020)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements (CISPR 16-1-4:2019/am1:2020; EN IEC 55016-1-4:2019/A1:2020)

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN IEC 63045:2020 en pr
Ultrasonics – Non-focusing short pressure pulse sources including ballistic pressure pulse sources – Characteristics of fields (IEC 63045:2020; EN IEC 63045:2020)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 303 681-1 V1.1.2:2020 en pr
Rekonfigurabilni radijski sustavi (RRS) – Informacijski modeli i protokoli radijske opreme (RE) za poopčenu softverski rekonfigurabilnu arhitekturu – 1. dio: Poopčeno multiradijsko sučelje (gMURI) (EN 303 681-1 V1.1.2:2020)
Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 1: generalized Multiradio Interface (gMURI) (EN 303 681-1 V1.1.2:2020)

HRN EN 303 681-2 V1.1.2:2020 en pr
Rekonfigurabilni radijski sustavi (RRS) – Informacijski modeli i protokoli radijske opreme (RE) za poopčenu softverski rekonfigurabilnu arhitekturu – 2. dio: Poopčeno radiofrekvencijsko sučelje (gRRFI) (EN 303 681-2 V1.1.2:2020)
Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 2: generalized Reconfigurable Radio Frequency Interface (gRRFI) (EN 303 681-2 V1.1.2:2020)

HRN EN 303 681-3 V1.1.2:2020 en pr
Rekonfigurabilni radijski sustavi (RRS) – Informacijski modeli i protokoli radijske opreme (RE) za poopčenu softverski rekonfigurabilnu arhitekturu – 3. dio: Poopčeno objedinjeno sučelje za radijsku primjenu (gURAI) (EN 303 681-3 V1.1.2:2020)
Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 3: generalized Unified Radio Application Interface (gURAI) (EN 303 681-3 V1.1.2:2020)

HRN EN 303 681-4 V1.1.2:2020 en pr
Rekonfigurabilni radijski sustavi (RRS) – Informacijski modeli i protokoli radijske opreme (RE) za poopčenu softverski rekonfigurabilnu arhitekturu – 4. dio: Poopčeno radijski programirano sučelje (gRPI) (EN 303 681-4 V1.1.2:2020)
Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 4: generalized Radio Programming Interface (gRPI) (EN 303 681-4 V1.1.2:2020)

HRN EN 319 412-1 V1.4.1:2020 en pr
Elektronički potpisi i infrastrukture (ESI) – Profili certifikata – 1. dio: Pregled i struktura zajedničkih podataka (EN 319 412-1 V1.4.1:2020)
Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 1: Overview and common data structures (EN 319 412-1 V1.4.1:2020)

HZN/TO Z1, Informacijska tehnologija

HRN EN 1332-3:2020 en pr
Sustavi identifikacijskih kartica – Korisničko sučelje – 3. dio: Tipkovnice (EN 1332-3:2020)
Identification card systems – User Interface – Part 3: Key pads (EN 1332-3:2020)

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

HRN EN 17371-3:2020 en pr
Pružanje usluga – 3. dio: Upravljanje mjerenjem izvedbe usluga – Upute za mehanizam mjerenja izvedbe kao dio ugovora o uslugama (EN 17371-3:2020)
Provision of services – Part 3: Management of Performance Measurement – Guidance on the mechanism to measure performance as part of service contracts (EN 17371-3:2020)

HRN EN 17375:2020 en pr
Elektroničke cigarete i e-tekućine – Referentne e-tekućine (EN 17375:2020)
Electronic cigarettes and e-liquids – Reference e-liquids (EN 17375:2020)

HZN/TU B1, Graditeljstvo 1

HRN EN 16516:2020 en pr
Građevni proizvodi: Procjena otpuštanja opasnih tvari – Određivanje emisija u zrak u zatvorenom prostoru (EN 16516:2017+A1:2020)
Construction products: Assessment of release of dangerous substances – Determination of emissions of into indoor air (EN 16516:2017+A1:2020)

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

HRN EN ISO 1524:2020 en pr
Boje, lakovi i tiskarske boje – Određivanje finoće čestica (ISO 1524:2020; EN ISO 1524:2020)
Paints, varnishes and printing inks – Determination of fineness of grind (ISO 1524:2020; EN ISO 1524:2020)

HRN EN ISO 11890-2:2020 en pr
Boje i lakovi – Određivanje sadržaja hlapljivih organskih tvari (VOC) i /ili poluhlapljivih organskih tvari (SVOC) – 2. dio: Metoda plinske kromatografije (ISO 11890-2:2020; EN ISO 11890-2:2020)
Paints and varnishes – Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content – Part 2: Gas-chromatographic method (ISO 11890-2:2020; EN ISO 11890-2:2020)

HZN/TU I2, Strojstvo 2

HRN EN ISO 20785-1:2020 en pr
Dozimetrija izloženosti kozmičkom zračenju u civilnim zrakoplovima – 1. dio: Konceptualne osnove za mjerenja (ISO 20785-1:2020; EN ISO 20785-1:2020)
Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 1: Conceptual basis for measurements (ISO 20785-1:2020; EN ISO 20785-1:2020)

HRN EN ISO 20785-2:2020 en pr
Dozimetrija izloženosti kozmičkom zračenju u civilnim zrakoplovima – 2. dio: Karakterizacija odziva instrumenta (ISO 20785-2:2020; EN ISO 20785-2:2020)
Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 2: Characterization of instrument response (ISO 20785-2:2020; EN ISO 20785-2:2020)

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

HRN EN ISO 13017:2020 en pr
Stomatologija – Magnetne kopče (ISO 13017:2020; EN ISO 13017:2020)
Dentistry – Magnetic attachments (ISO 13017:2020; EN ISO 13017:2020)

HRN EN ISO 22052:2020 en pr
Stomatologija – Centralni stomatološki kompresori
(ISO 22052:2020; EN ISO 22052:2020)
Dentistry – Central compressed air source equipment
(ISO 22052:2020; EN ISO 22052:2020)

HRN EN ISO 23325:2020 en pr
Stomatologija – Otpornost dentalnog amalgama na koroziju
(ISO 23325:2020; EN ISO 23325:2020)
Dentistry – Corrosion resistance of dental amalgam
(ISO 23325:2020; EN ISO 23325:2020)

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

HRN EN 1175:2020 en pr
Sigurnost industrijskih vozila – Zahtjevi s obzirom na električne/elektroničke instalacije (EN 1175:2020)
Safety of industrial trucks – Electrical/electronic requirements (EN 1175:2020)

HRN EN 4234:2020 en pr
Zrakoplovstvo – Stege, pužni pogon – Dimenzije i mase (EN 4234:2020)
Aerospace series – Clamps, worm drive – Dimensions, masses (EN 4234:2020)

HRN EN 9130:2020 en pr
Zrakoplovstvo – Sustavi kvalitete – Čuvanje zapisa (EN 9130:2020)
Aerospace series – Quality systems – Record retention (EN 9130:2020)

HRN EN 9131:2020 en pr
Zrakoplovstvo – Sustavi upravljanja kvalitetom – Definicija podataka i dokumentacija o nesukladnosti (EN 9131:2020)
Aerospace series – Quality Management Systems – Nonconformance Data Definition and Documentation (EN 9131:2020)

HRN EN 12312-3:2020 en pr
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 3. dio: Vozila s transportnom trakom (EN 12312-3:2017+A1:2020)
Aircraft ground support equipment – Specific requirements – Part 3: Conveyor belt vehicles (EN 12312-3:2017+A1:2020)

HRN EN 16604-30-03:2020 en pr
Svemir – Praćenje svijesti o situaciji u svemiru – Dio 30-03: Poruka s podacima promatračkog sustava (OSDM) (EN 16604-30-03:2020)
Space – Space Situational Awareness Monitoring – Part 30-03: Observation System Data Message (OSDM) (EN 16604-30-03:2020)

HRN EN 17350:2020 en pr
SCM – Poruka o planiranju i izdavanju naredbi – Norma (EN 17350:2020)
SCM – Scheduling and Commanding Message – Standard (EN 17350:2020)

HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60664-1:2020 en pr
Koordinacija izolacije za opremu u niskonaponskim sustavima napajanja – 1. dio: Načela, zahtjevi i ispitivanja (IEC 60664-1:2020; EN IEC 60664-1:2020)
Insulation coordination for equipment within low-voltage supply systems – Part 1: Principles, requirements and tests (IEC 60664-1:2020; EN IEC 60664-1:2020)

HRN EN IEC 61788-26:2020 en pr
Supravodljivost – 26. dio: Mjerenje kritične struje – Kritična istosmjerna struja (DC) RE-Ba-Cu-O kompozitnih supravodiča (IEC 61788-26:2020; EN IEC 61788-26:2020)
Superconductivity – Part 26: Critical current measurement – DC critical current of RE-Ba-Cu-O composite superconductors (IEC 61788-26:2020; EN IEC 61788-26:2020)

HZN/TU V1, Elektronika 1

HRN EN IEC 60352-4:2020 en pr
Solderless connections – Part 4: Non-accessible insulation displacement (ID) connections – General requirements, test methods and practical guidance (IEC 60352-4:2020; EN IEC 60352-4:2020)

HRN EN IEC 60512-9-5:2020 en pr
Connectors for electrical and electronic equipment – Tests and measurements – Part 9-5: Endurance tests – Test 9e: Current loading, cyclic (IEC 60512-9-5:2020; EN IEC 60512-9-5:2020)

HRN EN IEC 61169-61:2020 en pr
Radio-frequency connectors – Part 61: Sectional specification for RF coaxial connectors with 9,5 mm inner diameter of outer conductor with quick lock coupling series Q4.1-9.5 (IEC 61169-61:2020; EN IEC 61169-61:2020)

HRN EN IEC 61169-63:2020 en pr
Radio frequency connectors – Part 63: Sectional specification – RF coaxial connectors with inner diameter of outer conductor 6,5 mm (0,256 in) with bayonet lock – Characteristic impedance 75 ohms (type BNC) (IEC 61169-63:2020; EN IEC 61169-63:2020)

HRN EN IEC 61300-3-55:2020 en pr
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-55: Examinations and measurements – Polarisation extinction ratio and keying accuracy of polarisation maintaining, passive, optical components (IEC 61300-3-55:2020; EN IEC 61300-3-55:2020)

HRN EN IEC 61701:2020 en pr
Photovoltaic (PV) modules – Salt mist corrosion testing (IEC 61701:2020; EN IEC 61701:2020)

HRN EN IEC 61969-3:2020 en pr
Mechanical structures for electrical and electronic equipment – Outdoor enclosures – Part 3: Environmental requirements, tests and safety aspects (IEC 61969-3:2020; EN IEC 61969-3:2020)

HRN EN IEC 62614-1:2020 en pr
Fibre optics – Multimode Launch condition – Part 1: Launch condition requirements for measuring multimode attenuation (IEC 62614-1:2020; EN IEC 62614-1:2020)

HRN EN 62788-1-6:2017/A1:2020 en pr
Measurement procedures for materials used in photovoltaic modules – Part 1-6: Encapsulants – Test methods for determining the degree of cure in Ethylene-Vinyl Acetate (IEC 62788-1-6:2017/am1:2020; EN 62788-1-6:2017/A1:2020)

HRN EN IEC 63155:2020 en pr
Guidelines for the measurement method of power durability for surface acoustic wave (SAW) and bulk acoustic wave (BAW) devices in radio frequency (RF) applications (IEC 63155:2020; EN IEC 63155:2020)

HRN EN IEC 63182-1:2020 en pr
Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 1: General specification (IEC 63182-1:2020; EN IEC 63182-1:2020)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN IEC 60519-8:2020 en pr
Sigurnost u instalacijama za električno grijanje i elektromagnetsku obradu – 8. dio: Posebni zahtjevi za peći za elektrolučno pretaljivanje (IEC 60519-8:2020; EN IEC 60519-8:2020)
Safety in installations for electroheating and electromagnetic processing – Part 8: Particular requirements for electroslog remelting furnaces (IEC 60519-8:2020; EN IEC 60519-8:2020)

HRN EN IEC 60779:2020 en pr
Instalacije za električno grijanje i elektromagnetsku obradu – Metode ispitivanja za peći za elektrolučno pretaljivanje (IEC 60779:2020; EN IEC 60779:2020)
Installations for electroheating and electromagnetic processing – Test methods for electroslog remelting furnaces (IEC 60779:2020; EN IEC 60779:2020)

HRN EN IEC 63169:2020 en pr
Električni kućanski i slični aparati za hlađenje i zamrzavanje – Čuvanje hrane (IEC 63169:2020; EN IEC 63169:2020)
Electrical household and similar cooling and freezing appliances – Food preservation (IEC 63169:2020; EN IEC 63169:2020)

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 6, *Papir, karton i pulpe*

prEN ISO 638-1 en
Paper, board, pulps and cellulosic nanomaterials – Determination of dry matter content – Oven-drying method – Part 1: Materials in solid form (ISO/DIS 638-1:2020)

prEN 17545 en
Paper and board – Determination of Composition of Paper and Board for Recycling by gravimetric analysis

HZN/TO 8, *Brodogradnja*

prEN ISO 8666 en
Small craft – Principal data (ISO/DIS 8666:2020)
Mala plovila – Osnovni podaci (ISO/DIS 8666:2020)

prEN ISO 13590 en
Small craft – Personal watercraft – Construction and system installation requirements (ISO/DIS 13590:2020)
Mala plovila – Osobna plovila – Zahtjevi za gradnju i ugradnju sustava (ISO/DIS 13590:2020)

prEN ISO 16147 en
Small craft – Inboard diesel engines – Engine-mounted fuel, oil and electrical components (ISO/FDIS 16147:2020)
Mala plovila – Ugrađeni dizelski motori – Komponente sustava, goriva i elektrouređaja ovještene na motor (ISO/FDIS 16147:2020)

HZN/TO 22, *Cestovna vozila*

prEN ISO 18541-1 en
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 1: General information and use case definition (ISO/DIS 18541-1:2020)
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 1. dio: Opće informacije i definicija slučaja uporabe (use case) (ISO/DIS 18541-1:2020)

prEN ISO 18541-2 en
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 2: Technical requirements (ISO/DIS 18541-2:2020)
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 2. dio: Tehnički zahtjevi (ISO/DIS 18541-2:2020)

prEN ISO 18541-3 en
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 3: Functional user interface requirements (ISO/DIS 18541-3:2020)
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 3. dio: Zahtjevi za korisničko sučelje (ISO/DIS 18541-3:2020)

prEN ISO 18541-4 en
Road vehicles – Standardized access to automotive repair and maintenance information (RMI) – Part 4: Conformance test (ISO/DIS 18541-4:2020)
Cestovna vozila – Normirani pristup informacijama za popravak i održavanje vozila (RMI) – 4. dio: Test sukladnosti (ISO/DIS 18541-4:2020)

HZN/TO 28, *Naftni proizvodi i maziva*

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

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

prEN ISO 2171 en
Cereals, pulses and by-products – Determination of ash yield by incineration (ISO/DIS 2171:2020)
Žitarice – Određivanje ukupnog pepela spaljivanjem (ISO/DIS 2171:2020)

ISO 3103:2019 en
Tea – Preparation of liquor for use in sensory tests
Čaj – Pripremanje napitka za senzorska ispitivanja

ISO 3631:2019 en
Citrus fruits – Guidelines for storage
Agrumi – Upute za skladištenje

ISO 11050:2020 en
Wheat flour and durum wheat semolina – Determination of impurities of animal origin
Pšenično brašno i krupica durum-pšenice – Određivanje onečišćenja životinjskog podrijetla

ISO 13301:2018 en
Sensory analysis – Methodology – General guidance for measuring odour, flavour and taste detection thresholds by a three-alternative forced-choice (3-AFC) procedure
Senzorske analize – Metodologija – Opće upute za mjerenje praga podražaja mirisa, arome i okusa postupkom 3-AFC

ISO 16820:2019 en
Sensory analysis – Methodology – Sequential analysis
Senzorske analize – Metodologija – Sekvencijalna analiza

HZN/TO 43, *Akustika*

prEN ISO 10052 en
Acoustics – Field measurements of airborne and impact sound insulation and of service equipment sound – Survey meth (ISO/DIS 10052:2020)
Akustika – Terenska mjerenja zračne i udarne zvučne izolacije i zvuka servisne opreme – Metoda pregleda (ISO/DIS 10052:2020)

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 4136 en
Destructive tests on welds in metallic materials – Transverse tensile test (ISO/DIS 4136:2020)
Razorna ispitivanja zavara na metalnim materijalima – Poprečno vlačno ispitivanje (ISO/DIS 4136:2020)

prEN ISO 9016 en
Destructive tests on welds in metallic materials – Impact tests – Test specimen location, notch orientation and examination (ISO/DIS 9016:2020)
Razorna ispitivanja zavara na metalnim materijalima – Ispitivanje udarnoga rada loma – Položaj ispitnog uzorka, položaj zarezova i ispitivanje (ISO/DIS 9016:2020)

prEN ISO 9454-2 en
Soft soldering fluxes – Classification and requirements – Part 2: Performance requirements (ISO/FDIS 9454-2:2020)
Talila za meko lemljenje – Razredba i zahtjevi – 2. dio: Zahtijevana svojstva (ISO/FDIS 9454-2:2020)

prEN ISO 9455-9 en
Soft soldering fluxes – Test methods – Part 9: Determination of ammonia content (ISO/FDIS 9455-9:2020)
Talila za meko lemljenje – Metode ispitivanja – 9. dio: Određivanje sadržaja amonijaka (ISO/FDIS 9455-9:2020)

prEN ISO 17639 en
Destructive tests on welds in metallic materials – Macroscopic and microscopic examination of welds (ISO/DIS 17639:2020)
Razorna ispitivanja zavara na metalnim materijalima – Makroskopsko i mikroskopsko ispitivanje zavara (ISO/DIS 17639:2020)

HZN/TO 54, *Eterična ulja*

prEN ISO 9235 en
Aromatic natural raw materials – Vocabulary (ISO/DIS 9235:2020)
Prirodne aromatične sirovine – Rječnik (ISO/DIS 9235:2020)

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

prEN 1455-1 en

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Acrylonitrile-butadiene-styrene (ABS) – Part 1: Requirements for pipes, fittings and the system
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Akrilonitril/butadien/stiren (ABS) – 1. dio: Zahtjevi za cijevi, spojnice i sustav

prEN 1566-1 en

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Chlorinated poly(vinyl chloride) (PVC-C) – Part 1: Requirements for pipes, fittings and the system
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Klorirani poli(vinil-klorid) (PVC-C) – 1. dio: Zahtjevi za cijevi, spojnice i sustave

EN ISO 11296-4:2018/prA1 en

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 4: Lining with cured-in-place pipes – Amendment 1: Updated definitions, marking requirements and procedure for alternative expression of flexural test results (ISO 11296-4:2018/DAmD 1:2020)

HZN/TO 182, *Geotehničke konstrukcije*

prEN 12063 en

Execution of special geotechnical work – Sheet pile walls, combined pile walls, high modulus walls

prEN 17542-1 en

Earthworks – Geotechnical laboratory tests – Part 1: Degradability test standard

prEN 17542-2 en

Earthworks – Geotechnical laboratory tests – Part 2: Fragmentability test standard

prEN 17542-3 en

Earthworks – Geotechnical laboratory tests – Part 3: Methylene blue value VBS on soils and rocks

prEN ISO 22476-4 en

Geotechnical investigation and testing – Field testing – Part 4: Prebored pressuremeter test by Ménard procedure (ISO/DIS 22476-4:2020)

HZN/TO 211, *Geoinformacije/Geomatika*

prEN ISO 19105 en

Geographic information – Conformance and testing (ISO/DIS 19105:2020)
Geoinformacije – Usklađivanje i provjera (ISO/DIS 19105:2020)

EN ISO 19135-1:2015/prA1 en

Geographic information – Procedures for item registration – Part 1: Fundamentals (ISO 19135-1:2015/DAmD 1:2020)
Geoinformacije – Postupci za registraciju stavki – 1. dio: Osnove (ISO 19135-1:2015/DAmD 1:2020)

HZN/TO 217, *Kozmetika*

ISO 21322:2020 en

Cosmetics – Microbiology – Testing of impregnated or coated wipes and masks

HZN/TO 238, *Čvrsta biogoriva*

prEN ISO 17225-5 en

Solid biofuels – Fuel specifications and classes – Part 5: Graded firewood (ISO/DIS 17225-5:2020)
Čvrsta biogoriva – Specifikacije goriva i razredi – 5. dio: Klasifikacija ogrjevnog drveta (ISO/DIS 17225-5:2020)

prEN ISO 17225-6 en

Solid biofuels – Fuel specifications and classes – Part 6: Graded non-woody pellets (ISO/DIS 17225-6:2020)
Čvrsta biogoriva – Specifikacije goriva i razredi – 6. dio: Klasifikacija nedravnih peleta (ISO/DIS 17225-6:2020)

prEN ISO 17225-7 en

Solid biofuels – Fuel specifications and classes – Part 7: Graded non-woody briquettes (ISO/DIS 17225-7:2020)
Čvrsta biogoriva – Specifikacije goriva i razredi – 7. dio: Klasifikacija nedravnih briketa (ISO/DIS 17225-7:2020)

HZN/TO 503, *Metalni materijali*

prEN 10132 en

Cold rolled narrow steel strip for heat treatment – Technical delivery conditions
Hladno valjana uska čelična traka za toplinsku obradu – Tehnički uvjeti isporuke

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

prEN ISO 7539-9 en

Corrosion of metals and alloys – Stress corrosion testing – Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement (ISO/DIS 7539-9:2020)
Korozija metala i legura – Ispitivanje korozije uz naprezanje – 9. dio: Priprema i uporaba uzoraka s pukotinom uz rastuće opterećenje ili pomak (ISO/DIS 7539-9:2020)

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

prEN 437 en

Test gases – Test pressures – Appliance categories
Ispitni plinovi – Ispitni tlakovi – Kategorije uređaja

HZN/TO 524, *Inteligentni transportni sustavi*

prEN ISO 14907-2 en

Electronic fee collection – Test procedures for user and fixed equipment – Part 2: Conformance test for the on-board unit application interface (ISO/DIS 14907-2:2020)
Elektronička naplata – Ispitni postupci za korisničku i nepomičnu opremu – 2. dio: Ispitivanje sukladnosti sučelja aplikacije za uređaje ugrađene u vozilo (ISO/DIS 14907-2:2020)

FprCEN/TS 17496 en

Cooperative intelligent transport systems – Communication profiles

FprCEN ISO/TS 21176 en

Cooperative intelligent transport systems (C-ITS) – Position, velocity and time functionality in the ITS station (ISO/DTS 21176:2020)

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

prEN 508-3 en

Roofing products from metal sheet – Specification for self-supporting products of steel, aluminium or stainless steel sheet – Part 3: Stainless steel
Krovopokrivački proizvodi od lima – Specifikacija za samonosive proizvode od čeličnog, aluminijskog ili nehrđajućeg čeličnog lima – 3. dio: Nehrđajući čelik

prEN 544 en

Bitumen shingles with mineral and/or synthetic reinforcements – Product specification and test methods
Bitumenske šindre s mineralnim i/ili sintetičkim ulošcima – Specifikacija proizvoda i metode ispitivanja

HZN/TO 528, *Oprema za željeznice*

prEN 15528 en

Railway applications – Line categories for managing the interface between load limits of vehicles and infrastructure
Željeznički sustav – Kategorije pruga za određivanje sučelja između granica opterećenja željezničkih vozila i infrastrukture

HZN/TO 531, *Plastika i guma*

prEN ISO 11403-1 en

Plastics – Acquisition and presentation of comparable multipoint data – Part 1: Mechanical properties (ISO/DIS 11403-1:2020)
Plastika – Prikupljanje i prikaz usporedivih podataka većega broja mjerenja u širem ispitnom području – 1. dio: Mehanička svojstva (ISO/DIS 11403-1:2020)

prEN ISO 11403-3 en

Plastics – Acquisition and presentation of comparable multipoint data – Part 3: Environmental influences on properties (ISO/DIS 11403-3:2020)
Plastika – Prikupljanje i prikaz usporedivih podataka većeg broja mjerenja u širem ispitnom području – 3. dio: Utjecaj okoline na svojstva (ISO/DIS 11403-3:2020)

HZN/TO 534, Spremnici za teret

EN ISO 6346:1995/prA4 en

Freight containers – Coding; identification and marking (ISO 6346:1995/DAMd 4:2020)
Kontejneri za teret – Kodiranje, identifikacija i označavanje (ISO 6346:1995/DAMd 4:2020)

prEN 17527 en

Helium cryostats – Protection against excessive pressure

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

prEN ISO 9488 en

Solar energy – Vocabulary (ISO/DIS 9488:2020)

prEN 17415-2 en

District cooling pipes – Bonded single pipe systems for directly buried cold water networks – Part 2: Factory made fitting assemblies of steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene

prEN 17415-3 en

District cooling pipes – Bonded single pipe systems for directly buried cold water networks – Part 3: Factory made steel valve assembly for steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene

HZN/TO 546, Očuvanje kulturne baštine

prEN 17543 en

Conservation of Cultural Heritage – Finishes of built heritage – Investigation and documentation

HZN/TO 549, Svjetlo i rasvjeta

prEN 13032-3 en

Light and lighting – Measurement and presentation of photometric data of lamps and luminaires – Part 3: Presentation of data for emergency lighting of workplaces
Svjetlo i rasvjeta – Mjerenje i prikaz fotometričkih podataka izvora svjetla i rasvjetnih tijela – 3. dio: Prikaz podataka za nužnu rasvjetu radnih prostora

HZN/TO 550, Opskrba vodom

prEN 12729 en

Devices to prevent pollution by backflow of potable water – Controllable backflow preventer with reduced pressure zone – Family B – Type A
Uređaji za sprečavanje onečišćenja vode za piće zbog povratnog toka – Regulirajući zapornik povratnog toka sa zonom smanjenog tlaka – Skupina B – Tip A

HZN/TO 551, Gradnja

prEN ISO 6927 en

Buildings and civil engineering works – Sealants – Vocabulary (ISO/DIS 6927:2020)
Zgrade i inženjerske građevine – Brtvila – Terminološki rječnik (ISO/DIS 6927:2020)

prEN ISO 9046 en

Buildings and civil engineering works – Sealants – Determination of adhesion/cohesion properties at constant temperature (ISO/DIS 9046:2020)
Zgrade i inženjerske građevine – Brtvila – Određivanje svojstava adhezije/kohezije uz nepromjenjivu temperaturu (ISO/DIS 9046:2020)

HZN/TO 553, Predgotovljeni proizvodi

prEN 14891 en

Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives – Essential characteristics and AVCP
Vodonepropusni proizvodi u tekućem obliku za primjenu ispod keramičkih pločica povezanih ljepilom – Bitne značajke te ocjenjivanje i provjera stalnosti svojstava (AVCP)

HZN/TO 554, Obrada otpadnih voda

prEN 1253-6 en

Gullies for buildings – Part 6: Trapped floor gullies with a depth of water seal less than 50 mm
Odvodi za zgrade – 6. dio: Slivnik s taložnicom i sifonom s vodenim stupcem visine manje od 50 mm

prEN 1253-7 en

Gullies for buildings – Part 7: Trapped floor gullies with mechanical closure

prEN 1253-8 en

Gullies for buildings – Part 8: Trapped floor gullies with combined mechanical closure and water seal

HZN/TO 555, Medicinski proizvodi

prEN ISO 20166-4 en

Molecular in vitro diagnostic examinations – Specifications for preexamination processes for formalin-fixed and paraffin-embedded (FFPE) tissue – Part 4: In situ detection techniques (ISO/DIS 20166-4:2020)

prEN ISO 23118 en

Molecular in vitro diagnostic examinations – Specifications for pre-examination processes in metabolomics in urine, venous blood serum and plasma (ISO/DIS 23118:2020)

prEN ISO 23162 en

Basic semen examination – Specification and test methods (ISO/DIS 23162:2020)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 8559-1 en

Size designation of clothes – Part 1: Anthropometric definitions for body measurement (ISO 8559-1:2017)

prEN ISO 8559-2 en

Size designation of clothes – Part 2: Primary and secondary dimension indicators (ISO 8559-2:2017)
Sustav označavanja veličine odjeće – 2. dio: Primarni i sekundarni pokazatelji dimenzija (ISO 8559-2:2017)

HZN/TO 566, Mlijeko i mliječni proizvodi

prEN ISO 23319 en

Cheese and processed cheese products, caseins and caseinates – Determination of fat content – Gravimetric method (ISO/DIS 23319:2020)
Sir i proizvodi na bazi topljenog sira, kazeini i kazeinati – Određivanje sadržaja masti – Gravimetrijska metoda (ISO/DIS 23319:2020)

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

EN ISO 4833-2:2013/prA1 en

Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 2: Colony count at 30 degrees C by the surface plating technique – Amendment 1: Clarification of scope (ISO 4833-2:2013/DAMd 1:2020)
Mikrobiologija u lancu hrane – Horizontalna metoda za određivanje broja mikroorganizama – 2. dio: Određivanje broja kolonija pri 30 °C tehnikom zalijevanja podloge – Amandman 1: Pojašnjenje područja primjene (ISO 4833-2:2013/DAMd 1:2020)

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

prEN IEC 62057-1:2020 en

Test equipment, techniques and procedures for electrical energy meters – Part 1: Stationary Meter Test Units (MTU) (IEC 62057-1:202X)

HZN/TO E20, Električni kabeli

EN 60332-1-2:2004/prAB en

Tests on electric and optical fibre cables under fire conditions – Part 1-2: Test for vertical flame propagation for a single insulated wire or cable – Procedure for 1 kW pre-mixed flame
Ispitivanje električnih i svjetlovodnih kabela pod djelovanjem vatre – Dio 1-2: Ispitivanje na okomito širenje plamena za jednožilne izolirane vodove ili kabele – Postupak za pripremu kisika i gorivog plina za snagu plamena od 1kW

HZN/TO E23, Električni instalacijski pribor

- prEN IEC 61386-21:2020 en
Conduit systems for cable management – Part 21: Particular requirements – Rigid conduit systems (IEC 61386-21:202X)
Sustavi cijevi za vođenje kabela – 21. dio: Posebni zahtjevi – Sustavi krutih cijevi (IEC 61386-21:202X)
- prEN IEC 61386-21:2020/prAA en
Conduit systems for cable management – Part 21: Particular requirements – Rigid conduit systems
Sustavi cijevi za vođenje kabela – 21. dio: Posebni zahtjevi – Sustavi krutih cijevi
- prEN IEC 61386-22:2020 en
Conduit Systems for cable management – Part 22: Particular requirements – Pliable conduit systems (IEC 61386-22:202X)
Sustavi cijevi za vođenje kabela – 22. dio: Posebni zahtjevi – Sustavi savitljivih cijevi (IEC 61386-22:202X)
- prEN IEC 61386-22:2020/prAA en
Conduit Systems for cable management – Part 22: Particular requirements – Pliable conduit systems
Sustavi cijevi za vođenje kabela – 22. dio: Posebni zahtjevi – Sustavi savitljivih cijevi
- prEN IEC 61386-23:2020 en
Conduit systems for cable management – Part 23: Particular requirements – Flexible conduit systems (IEC 61386-23:202X)
Sustavi cijevi za vođenje kabela – 23. dio: Posebni zahtjevi – Sustavi gipkih cijevi (IEC 61386-23:202X)
- prEN IEC 61386-23:2020/prAA en
Conduit systems for cable management – Part 23: Particular requirements – Flexible conduit systems
Sustavi cijevi za vođenje kabela – 23. dio: Posebni zahtjevi – Sustavi gipkih cijevi
- prEN IEC 61537:2020 en
Cable management – Cable tray systems and cable ladder systems (IEC 61537:202X)
Vođenje kabela – Sustavi kabelskih polica i kabelskih ljestava (IEC 61537:202X)
- prEN IEC 61537:2020/prAA en
Cable management – Cable tray systems and cable ladder systems
Vođenje kabela – Sustavi kabelskih polica i kabelskih ljestava

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

- EN 60598-2-22:2014/prA2:2020 en
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (IEC 60598-2-22:2014/am2:202X)
Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za rasvjetu u slučaju opasnosti (IEC 60598-2-22:2014/am2:202X)
- EN 61347-2-7:2012/prA2:2020 en
Lamp controlgear – Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained) (IEC 61347-2-7:2011/am2:202X)
Predspojne naprave – Dio 2-7: Posebni zahtjevi za predspojne naprave za rasvjetu u slučaju nužde (autonomnu) koje se napajaju baterijama (IEC 61347-2-7:2011/am2:202X)

HZN/TO E45, Nuklearna instrumentacija

- prEN IEC 62566-2:2020 en
Nuclear power plants – Instrumentation and control systems important to safety – Development of HDL-programmed integrated circuits – Part 2: HDL-programmed integrated circuits for systems performing category B or C functions (IEC 62566-2:2020)

HZN/TO E55, Žice za namote

- EN IEC 60317-0-2:2020 en
Specifications for particular types of winding wires – Part 0-2: General requirements – Enamelled rectangular copper wire (IEC 60317-0-2:2020)
Specifikacije pojedinih vrsta žica za namote – Dio 0-2: Opći zahtjevi – Profilna bakrena lakirana žica (IEC 60317-0-2:2020)

- EN IEC 60317-12:2020 en
Specifications for particular types of winding wires – Part 12: Polyvinyl acetal enamelled round copper wire, class 120 (IEC 60317-12:2020)
Specifikacije pojedinih vrsta žica za namote – 12. dio: Okrugla bakrena žica lakirana polivinil acetalom, razreda 120 (IEC 60317-12:2020)
- EN IEC 60317-17:2020 en
Specifications for particular types of winding wires – Part 17: Polyvinyl acetal enamelled rectangular copper wire, class 105 (IEC 60317-17:2020)
Specifikacije pojedinih vrsta žica za namote – 17. dio: Profilna bakrena žica lakirana polivinil acetalom, razreda 105 (IEC 60317-17:2020)
- EN IEC 60317-18:2020 en
Specifications for particular types of winding wires – Part 18: Polyvinyl acetal enamelled rectangular copper wire, class 120 (IEC 60317-18:2020)
Specifikacije pojedinih vrsta žica za namote – 18. dio: Profilna bakrena žica lakirana polivinil acetalom, razreda 120 (IEC 60317-18:2020)
- EN IEC 60317-25:2020 en
Specifications for particular types of winding wires – Part 25: Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire, class 200 (IEC 60317-25:2020)
Specifikacije pojedinih vrsta žica za namote – 25. dio: Okrugla aluminijaska žica presvučena poliestrom ili poliesterimidom lakirana poliamid-imidom, razreda 200 (IEC 60317-25:2020)
- EN IEC 60317-27-1:2020 en
Specifications for particular types of winding wires – Part 27-1: Paper tape covered round copper wire (IEC 60317-27-1:2020)
Specifikacije pojedinih vrsta žica za namote – Dio 27-1: Okrugla bakrena žica prekrivena papirnom trakom (IEC 60317-27-1:2020)
- EN IEC 60317-27-2:2020 en
Specifications for particular types of winding wires – Part 27-2: Paper tape covered round aluminium wire (IEC 60317-27-2:2020)
Specifikacije pojedinih vrsta žica za namote – Dio 27-2: Okrugla aluminijaska žica prekrivena papirnom trakom (IEC 60317-27-2:2020)
- EN IEC 60317-27-4:2020 en
Specifications for particular types of winding wires – Part 27-4: Paper tape covered rectangular aluminium wire (IEC 60317-27-4:2020)
Specifikacije pojedinih vrsta žica za namote – Dio 27-4: Profilna aluminijaska žica prekrivena papirnom trakom (IEC 60317-27-4:2020)
- EN IEC 60317-60-2:2020 en
Specifications for particular types of winding wires – Part 60-2: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155 (IEC 60317-60-2:2020)
Specifikacije pojedinih vrsta žica za namote – Dio 60-2: Nelakirana ili lakirana profilna bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana smolom ili lakom, indeksa temperature 155 (IEC 60317-60-2:2020)
- EN IEC 60317-62:2020 en
Specifications for particular types of winding wires – Part 62: Polyester glass-fibre wound; silicone resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200 (IEC 60317-62:2020)
Specifikacije pojedinih vrsta žica za namote – 62. dio: Nelakirana ili lakirana profilna bakrena žica omotana poliesterskim staklenim vlaknima, impregnirana silikonskom smolom ili lakom, indeksa temperature 200 (IEC 60317-62:2020)
- EN IEC 60317-70-1:2020 en
Specifications for particular types of winding wires – Part 70-1: Polyester glass-fibre wound unvarnished and fused, bare or enamelled round copper wire, temperature index 155 (IEC 60317-70-1:2020)
Specifikacije pojedinih vrsta žica za namote – Dio 70-1: Nelakirana ili lakirana okrugla bakrena žica, omotana i stopljena nelakiranim poliesterskim staklenim vlaknima, indeksa temperature 155 (IEC 60317-70-1:2020)

EN IEC 60317-70-2:2020 en
Specifications for particular types of winding wires – Part 70-2: Polyester glass-fibre wound resin/varnish impregnated, bare or enamelled round copper wire, temperature index 155 (IEC 60317-70-2:2020)
Specifikacije pojedinih vrsta žica za namote – Dio 70-2: Nelakirana ili lakirana okrugla bakrena žica, omotana poliesterskim staklenim vlaknima impregniranim smolom/lakom, indeksa temperature 155 (IEC 60317-70-2:2020)

EN IEC 60317-82:2020 en
Specifications for particular types of winding wires – Part 82: Polyesterimide enamelled rectangular copper wire, class 200 (IEC 60317-82:2020)
Specifikacije pojedinih vrsta žica za namote – Dio 82: Profilna bakrena žica lakirana poliestereimidom, razreda 200 (IEC 60317-82:2020)

HZN/TO E56, Pouzdanost

prEN IEC 60300-3-4:2020 en
Dependability management – Part 3-4: Application guide – Guide to the specification of dependability requirements (IEC 60300-3-4:202X)
Upravljanje pouzdanošću – Dio 3-4: Upute za primjenu – Upute za definiranje zahtjeva za pouzdanost (IEC 60300-3-4:202X)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

prEN IEC 61970-457:2020 en
Energy Management System Application Program Interface (EMS-API) – Part 457: Dynamics profile (IEC 61970-457:202X)
Sučelje za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 457. dio: Dinamički profil (IEC 61970-457:202X)

HZN/TO E62, Električna oprema u medicinskoj praksi

EN 60601-2-63:2015/prA2:2020 en
Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment (IEC 60601-2-63:2012/am2:202X)
Medicinska električna oprema – Dio 2-63: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke stomatološke ekstraoralne rendgenske opreme (IEC 60601-2-63:2012/am2:202X)

EN 60601-2-65:2013/prA2:2020 en
Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment (IEC 60601-2-65:2012/am2:202X)
Medicinska električna oprema – Dio 2-65: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke stomatološke intraoralne rendgenske opreme (IEC 60601-2-65:2012/am2:202X)

prEN IEC 61223-3-7:2020 en
Evaluation and routine testing in medical imaging departments – Acceptance testing and quality control of dental extra-oral X-ray equipment used with dental cone beam computed tomography (IEC 61223-3-7:202X)

prEN IEC 62563-2:2020 en
Medical electrical equipment – Medical image display systems – Acceptance and constancy tests (IEC 62563-2:202X)

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

EN IEC 62714-4:2020 en
Engineering data exchange format for use in industrial automation systems engineering – Automation markup language – Part 4: Logic (IEC 62714-4:2020)

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

prEN 62680-1-2:2020 en
Universal serial bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery specification (IEC 62680-1-2:202X)
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-2: Opći dijelovi – Specifikacija USB-a za isporuku energije (IEC 62680-1-2:202X)

prEN 62680-1-3:2020 en
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB Type-C® Cable and Connector Specification (IEC 62680-1-3:202X)
Sučelja univerzalne serijske sabirnice za podatke i napajanje – Dio 1-3: Opći dijelovi – Specifikacija kabela i konektora za USB tipa C® (IEC 62680-1-3:202X)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

EN 61000-4-30:2015/prA1:2020 en
Amendment 1: Electromagnetic compatibility (EMC) – Part 4-30: Testing and measurement techniques – Power quality measurement methods (IEC 61000-4-30:2015/am1:202X)
Amendment 1: Elektromagnetska kompatibilnost (EMC) – Dio 4-30: Ispitne i mjerne tehnike – Metode mjerenja kvalitete električne energije (IEC 61000-4-30:2015/am1:202X)

HZN/TO T4, Normizacija u telekomunikacijama

EN 319 412-2 V2.2.1:2020 en
Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 2: Certificate profile for certificates issued to natural persons
Elektronički potpisi i infrastrukture (ESI) – Profili certifikata – 2. dio: Profil certifikata za certifikate koji se izdaju fizičkim osobama

EN 319 412-3 V1.2.1:2020 en
Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 3: Certificate profile for certificates issued to legal persons
Elektronički potpisi i infrastrukture (ESI) – Profili certifikata – 3. dio: Profil certifikata za certifikate koji se izdaju pravnim osobama

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

prEN 131-8 en
Ladders – Part 8: Ladders with separate platform

EN 13329:2016+A1:2017/prA2 en
Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods
Laminatne podne obloge – Elementi s površinskim slojem na bazi aminoplastičnih termostabilnih smola – Specifikacije, zahtjevi i metode ispitivanja

EN 14978:2016/prA1 en
Laminate floor coverings – Elements with acrylic based surface layer, electron beam cured – Specifications, requirements and test methods
Laminatne podne obloge – Elementi s površinskim slojem na bazi akrila otvrdnuti elektronskim snopom – Specifikacije, zahtjevi i metode ispitivanja

EN 15468:2016/prA1 en
Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods
Laminatne podne obloge – Elementi s gotovim otisnutim uzorkom i površinskim slojem od smole – Specifikacije, zahtjevi i metode ispitivanja

prEN 17539 en
Modular mechanical locked floor coverings (MMF) – Determination of geometrical characteristics

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

prEN ISO 8655-1 en
Piston-operated volumetric apparatus – Part 1: Terminology, general requirements and user recommendations (ISO/DIS 8655-1:2020)
Volumetrijski uređaji s klipom – 1. dio: Nazivlje, opći zahtjevi i preporuke za korisnika (ISO/DIS 8655-1:2020)

prEN ISO 8655-2 en
Piston-operated volumetric apparatus – Part 2: Pipettes (ISO/DIS 8655-2:2020)
Volumetrijski uređaji s klipom – 2. dio: Pipete (ISO/DIS 8655-2:2020)

prEN ISO 8655-3 en
Piston-operated volumetric apparatus – Part 3: Burettes (ISO/DIS 8655-2:2020)
Klipna volumetrijska aparatura – 3. dio: Birete (ISO/DIS 8655-2:2020)

prEN ISO 8655-4 en
Piston-operated volumetric apparatus – Part 4: Dilutors (ISO/DIS 8655-4:2020)
Klipna volumetrijska aparatura – 4. dio: Razrjeđivači (ISO/DIS 8655-4:2020)

prEN ISO 8655-5 en
Piston-operated volumetric apparatus – Part 5: Dispensers (ISO/DIS 8655-5:2020)
Klipna volumetrijska aparatura – 5. dio: Raspršivači (ISO/DIS 8655-5:2020)

prEN ISO 8655-6 en
Piston-operated volumetric apparatus – Part 6: Gravimetric reference measurement procedure for the determination of volume (ISO/DIS 8655-6:2020)
Klipna volumetrijska aparatura – 6. dio: Gravimetrijski referentni postupak mjerenja za određivanje volumena (ISO/DIS 8655-6:2020)

prEN ISO 8655-7 en
Piston-operated volumetric apparatus – Part 7: Alternative measurement procedures for the determination of volume (ISO/DIS 8655-7:2020)
Klipna volumetrijska aparatura – 7. dio: Alternativni postupci mjerenja za određivanje volumena (ISO/DIS 8655-7:2020)

prEN ISO 8655-8 en
Piston-operated volumetric apparatus – Part 8: Photometric reference measurement procedure for the determination of volume (ISO/DIS 8655-8:2020)
Klipna volumetrijska aparatura – 8. dio: Fotometrijski referentni postupak mjerenja za određivanje volumena (ISO/DIS 8655-8:2020)

prEN ISO 8655-9 en
Piston-operated volumetric apparatus – Part 9: Manually operated precision laboratory syringes (ISO/DIS 8655-9:2020)
Klipna volumetrijska aparatura – 9. dio: Ručno upravljane precizne laboratorijske štrcaljke (ISO/DIS 8655-9:2020)

HZN/TU I2, Strojarstvo 2

prEN ISO 20500-1 en
Mobile road construction machinery – Safety – Part 1: Common requirements (ISO/DIS 20500-1:2020)
Pokretni strojevi za cestogradnju – Sigurnost – 1. dio: Opći zahtjevi (ISO/DIS 20500-1:2020)

prEN ISO 20500-2 en
Mobile road construction machinery – Safety – Part 2: Specific requirements for road-milling machines (ISO/DIS 20500-2:2020)
Pokretni strojevi za cestogradnju – Sigurnost – 2. dio: Posebni zahtjevi za glodalice za ceste (ISO/DIS 20500-2:2020)

prEN ISO 20500-3 en
Mobile road construction machinery – Safety – Part 3: Specific requirements for soil-stabilising machines and recycling machines (ISO/DIS 20500-3:2020)
Pokretni strojevi za cestogradnju – Sigurnost – 3. dio: Posebni zahtjevi za strojeve za stabiliziranje tla i strojeve za reciklažu (ISO/DIS 20500-3:2020)

prEN ISO 20500-4 en
Mobile road construction machinery – Safety – Part 4: Specific requirements for compaction machines (ISO/DIS 20500-4:2020)
Pokretni strojevi za cestogradnju – Sigurnost – 4. dio: Posebni zahtjevi za strojeve za sabijanje (ISO/DIS 20500-4:2020)

prEN ISO 20500-5 en
Mobile road construction machinery – Safety – Part 5: Mobile Specific requirements for paver-finishers (ISO/DIS 20500-5:2020)

prEN ISO 20500-6 en
Mobile road construction machinery – Safety – Part 6: Specific requirements for mobile feeders (ISO/DIS 20500-6:2020)

prEN ISO 20500-7 en
Mobile road construction machinery – Safety – Part 7: Specific requirements for slipform paver and texture curing machines (ISO/DIS 20500-7:2020)

prEN ISO 23553-1 en
Safety and control devices for oil burners and oil-burning appliances – Particular requirements – Part 1: Automatic and semi-automatic valves (ISO/DIS 23553-1:2020)
Sigurnosni i upravljački uređaji za uljne plamenike i uređaje za izgaranje ulja – Posebni zahtjevi – 1. dio: Automatski i poluautomatski ventili (ISO/DIS 23553-1:2020)

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

prEN 2516 en
Aerospace series – Passivation of corrosion resisting steels and decontamination of nickel base alloys
Zrakoplovstvo – Pasivizacija čelika otpornih na koroziju i dekontaminacija legura na bazi nikla

prEN 2535 en
Aerospace series - Vacuum deposition of cadmium
Zrakoplovstvo – Vakuumsko odlaganje kadmija

prEN 4035 en
Aerospace series – Rod end, adjustable, with self-aligning double row ball bearing, in corrosion resisting steel, reduced internal radial clearance and threaded shank in titanium alloy – Dimensions and loads
Zrakoplovstvo – Krajevi šipke, prilagodljivi sa samoporavnavajućim dvorednim kugličnim ležajevima od čelika otpornog na koroziju, skraćena unutrašnja radijalna zračnost i struk s navojem od legure titana – Dimenzije i opterećenja

prEN 4036 en
Aerospace series – Rod end, adjustable, with self-aligning double row ball bearing and threaded shank, in corrosion resisting steel, reduced internal radial clearance – Dimensions and loads
Zrakoplovstvo – Krajevi šipke, prilagodljivi sa samoprilagodljivim dvorednim kugličnim ležajevima i navojem na stablu od čelika otpornog na koroziju, skraćena unutrašnja radijalna zračnost – Dimenzije i opterećenja

prEN 4900 en
Aerospace series – Aluminium alloy 5086 – H111 – Extruded bars – 10 mm ≤ D ≤ 300 mm

prEN 9215 en
Programme Management – Definition Justification and Qualification – A guide to drawing up the definition justification plan and of the definition justification dossier

prEN 9721 en
Aerospace series – General recommendation for the BIT Architecture in an integrated system

HZN/TU U1, Opća elektrotehnika 1

prEN IEC 62321-3-3:2020 en
Determination of certain substances in electrotechnical products Part 3-3: Screening of polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by pyrolysis (Py-GC-MS) or thermal desorption (TD-GC-MS) gas chromatography-mass spectrometry (IEC 62321-3-3:202X)
Utvrđivanje određenih supstanci u elektrotehničkim proizvodima Dio 3-3: Provjera količine polibromiranih bifenila, polibromiranih difenil etera i ftalata u polimerima pirolizom (Py-GC-MS) ili toplinskom desorpcijom (TD-GC-MS) plinskom kromatografijom sa masenom spektrometrijom (IEC 62321-3-3:202X)

HZN/TU V1, Elektronika 1

prEN 50290-2-24 en
Communication cables – Part 2-24: Common design rules and construction – Polyethylene sheathing compounds

prEN 50290-2-27 en
Communication cables – Part 2-27: Common design rules and construction – Halogen free polyolefin based sheathing compounds for cables having improved flame and fire properties (HFFR)

prEN IEC 60352-7:2020 en
Solderless connections – Part 7: Spring clamp connections – General requirements, test methods and practical guidance (IEC 60352-7:202X)

EN IEC 60794-2-11:2019/prA1:2020 en
Optical fibre cables – Part 2-11: Indoor cables – Detailed specification for simplex and duplex cables for use in premises cabling (IEC 60794-2-11:2019/am1:202X)

- EN IEC 60794-2-21:2019/prA1 en
Optical fibre cables – Part 2-21: Indoor cables – Detailed specification for multi-fibre optical distribution cables for use in premises cabling (IEC 60794-2-21:2019/am1:202X)
- EN IEC 60794-2-31:2019/prA1:2020 en
Optical fibre cables – Part 2-31: Indoor cables – Detailed specification for optical fibre ribbon cables for use in premises cabling
- prEN IEC 60794-3-70:2020 en
Optical fibre cables – Part 3-70: Outdoor cables – Family specification for outdoor optical fibre cables for rapid/multiple deployment (IEC 60794-3-70:202X)
- prEN IEC 60891:2020 en
Photovoltaic devices – Procedures for temperature and irradiance corrections to measured I-V characteristics (IEC 60891:202X)
- prEN IEC 61076-3-122:2020 en
Connectors for electrical and electronic equipment – Product requirements – Part 3-122: Detail specification for 8-way, shielded, free and fixed connectors for I/O and data transmission with frequencies up to 500 MHz and current-carrying capacity in industrial environments (IEC 61076-3-122:202X)
- prEN IEC 61290-1-3:2020 en
Optical amplifiers – Test methods – Part 1-3: Power and gain parameters – Optical power meter method (IEC 61290-1-3:202X)
- prEN IEC 61300-2-14:2020 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-14: Tests – High optical power (IEC 61300-2-14:202X)
- prEN 61967-4:2020 en
Integrated circuits – Measurement of electromagnetic emissions – Part 4: Measurement of conducted emissions, 1 ohm/150 ohm direct coupling method (IEC 61967-4:202X)
- prEN IEC 62228-5:2020 en
Integrated circuits – EMC evaluation of transceivers – Part 5: Ethernet transceivers (IEC 62228-5:202X)
- EN 62920:2017/prA1:2020 en
Photovoltaic power generating systems – EMC requirements and test methods for power conversion equipment (IEC 62920:2017/am1:202X)
Fotonaponski sustavi napajanja – Zahtjevi za elektromagnetsku kompatibilnost (EMC) i metode ispitivanja za opremu za pretvorbu energije (IEC 62920:2017/am1:202X)

HZN/TU W1, Energetska elektrotehnika 1

- EN 50632-2-6:2015/prA2 en
Electric motor-operated tools – Dust measurement procedure – Part 2-6: Particular requirements for hammers
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-6: Posebni zahtjevi za čekiče
- EN 50636-2-107:2015/prA3 en
Safety of household and similar appliances – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers
Sigurnost kućanskih i sličnih aparata – Dio 2-107: Posebni zahtjevi za robotske kosilice koje se napajaju iz baterije
- EN 62841-2-1:2018/prAC en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-1: Particular requirements for hand-held drills and impact drills
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 2-1: Posebni zahtjevi za ručne bušilice i udarne bušilice
- prEN IEC 63210:2020 en
Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage above 1000 V (IEC 63210:202X)
Paralelni energetska kondenzatori samoobnovljivog tipa za sustave izmjenične struje nazivnog napona iznad 1000 V (IEC 63210:202X)

HZN/TU Z1, Informatika 1

- prEN ISO/IEC 27006 en
Information technology – Security techniques – Requirements for bodies providing audit and certification of information security management systems (ISO/IEC 27006:2015, including Amd 1:2020)
Informatijska tehnologija – Sigurnosne tehnike – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja informacijskom sigurnošću (ISO/IEC 27006:2015, uključujući Amd 1:2020)

1.4 Povučene hrvatske norme

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

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

HZN/TO 5, Metalne cijevi i priključci

- HRN EN 14628:2008 en
Duktilne željezne cijevi, spojni dijelovi i pribor – Vanjska polipropilenska obloga za cijevi – Zahtjevi i metode ispitivanja (EN 14628:2005)
Ductile iron pipes, fittings and accessories – External polyethylene coating for pipes – Requirements and test methods (EN 14628:2005)
- zamijenjena s: HRN EN 14628-1:2020

HZN/TO 28, Naftni proizvodi i maziva

- HRN EN ISO 5165:2018 en
Naftni proizvodi – Određivanje sposobnosti paljenja dizelskih goriva – Cetanski broj prema motornoj metodi (ISO 5165:2017; EN ISO 5165:2017)
Petroleum products – Determination of the ignition quality of diesel fuels – Cetane engine method (ISO 5165:2017; EN ISO 5165:2017)
- zamijenjena s: HRN EN ISO 5165:2020

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

- HRN ISO 1114:1998 en
Kakao zrno – Ispitivanje prerezom (ISO 1114:1977)
Cocoa beans – Cut test (ISO 1114:1977)
- zamijenjena s: HRN ISO 2451:2020
- HRN ISO 2291:1998 en
Kakao zrno – Određivanje količine vode (Rutinska metoda) (ISO 2291:1980)
Cocoa beans – Determination of moisture content (Routine method) (ISO 2291:1980)
- zamijenjena s: HRN ISO 2451:2020
- HRN ISO 2292:1998 en
Kakao zrno – Uzimanje uzoraka (ISO 2292:1973)
Cocoa beans – Sampling (ISO 2292:1973)
- zamijenjena s: HRN ISO 2292:2020
- HRN ISO 2451:2016 en
Kakao zrno – Specifikacija (ISO 2451:2014)
Cocoa beans – Specification (ISO 2451:2014)
- zamijenjena s: HRN ISO 2451:2020
- HRN ISO 11036:1999 en
Senzorske analize – Metodologija – Profil teksture (ISO 11036:1994)
Sensory analysis – Methodology – Texture profile (ISO 11036:1994)
- zamijenjena s: HRN ISO 11036:2020
- HRN ISO 22004:2016 en
Sustavi upravljanja sigurnošću hrane – Upute za primjenu norme ISO 22000 (ISO 22004:2014)
Food safety management systems – Guidance on the application of ISO 22000 (ISO 22004:2014)
- bez zamjene

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 25239-1:2012 en,fr
Zavarivanje trenjem uz miješanje – Aluminij – 1. dio: Terminološki rječnik (ISO 25239-1:2011; EN ISO 25239-1:2011)
Friction stir welding – Aluminium – Part 1: Vocabulary (ISO 25239-1:2011; EN ISO 25239-1:2011)
- zamijenjena s: HRN EN ISO 25239-1:2020

HRN EN ISO 25239-2:2012 en
Zavarivanje trenjem uz miješanje – Aluminij – 2. dio: Oblikovanje zavarenih spojeva (ISO 25239-2:2011; EN ISO 25239-2:2011)
Friction stir welding – Aluminium – Part 2: Design of weld joints (ISO 25239-2:2011; EN ISO 25239-2:2011)
- zamijenjena s: HRN EN ISO 25239-2:2020

HRN EN ISO 25239-3:2012 en
Zavarivanje trenjem uz miješanje – Aluminij – 3. dio: Osposobljenost rukovatelja zavarivanja (ISO 25239-3:2011; EN ISO 25239-3:2011)
Friction stir welding – Aluminium – Part 3: Qualification of welding operators (ISO 25239-3:2011; EN ISO 25239-3:2011)
- zamijenjena s: HRN EN ISO 25239-3:2020

HRN EN ISO 25239-4:2012 en
Zavarivanje trenjem uz miješanje – Aluminij – 4. dio: Specifikacija i osposobljenost za zavarivačke postupke (ISO 25239-4:2011; EN ISO 25239-4:2011)
Friction stir welding – Aluminium – Part 4: Specification and qualification of welding procedures (ISO 25239-4:2011; EN ISO 25239-4:2011)
- zamijenjena s: HRN EN ISO 25239-4:2020

HRN EN ISO 25239-5:2012 en
Zavarivanje trenjem uz miješanje – Aluminij – 5. dio: Zahtjevi za kvalitetu i inspekciju (ISO 25239-5:2011; EN ISO 25239-5:2011)
Friction stir welding – Aluminium – Part 5: Quality and inspection requirements (ISO 25239-5:2011; EN ISO 25239-5:2011)
- zamijenjena s: HRN EN ISO 25239-5:2020

HZN/TO 69, Primjena statističkih metoda

HRN ISO 2859-2:2016 en
Postupci uzorkovanja pri pregledima prema obilježjima – 2. dio: Planovi uzorkovanja razvrstani u odnosu na ograničenu kvalitetu (LQ) za pregledavanje izdvojene partije (ISO 2859-2:1985)
Sampling procedures for inspection by attributes – Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection (ISO 2859-2:1985)
- zamijenjena s: HRN ISO 2859-2:2020

HRN ISO 2859-4:2012 en
Postupci uzorkovanja pri pregledima po obilježjima – 4. dio: Postupci ocjenjivanja deklariranih razina kvalitete (ISO 2859-4:2002)
Sampling procedures for inspection by attributes – Part 4: Procedures for assessment of declared quality levels (ISO 2859-4:2002)
- zamijenjena s: HRN ISO 2859-2:2020

HRN ISO 5725-2:2004 en
Točnost (istinitost i preciznost) mjernih metoda i rezultata – 2. dio: Osnovna metoda određivanja ponovljivosti i obnovljivosti standardne mjerne metode (ISO 5725-2:1994+Cor 1:2002)
Accuracy (trueness and precision) of measurement methods and results – Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method (ISO 5725-2:1994+Cor 1:2002)
- zamijenjena s: HRN ISO 5725-2:2020

HRN ISO 5725-4:2004 en
Točnost (istinitost i preciznost) mjernih metoda i rezultata – 4. dio: Osnovne metode određivanja istinitosti standardne mjerne metode (ISO 5725-4:1994)
Accuracy (trueness and precision) of measurement methods and results – Part 4: Basic methods for the determination of the trueness of a standard measurement method (ISO 5725-4:1994)
- zamijenjena s: HRN ISO 5725-4:2020

HRN ISO 7870-1:2016 en
Kontrolni dijagrami – 1. dio: Opće smjernice (ISO 7870-1:2014)
Control charts – Part 1: General guidelines (ISO 7870-1:2014)
- zamijenjena s: HRN ISO 7870-1:2020

HZN/TO 120, Koža i obuća

HRN EN ISO 20136:2017 en
Koža – Određivanje razgradivosti pomoću mikroorganizama (ISO 20136:2017; EN ISO 20136:2017)
Leather – Determination of degradability by micro-organisms (ISO 20136:2017; EN ISO 20136:2017)
- zamijenjena s: HRN EN ISO 20136:2020

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

HRN EN ISO 13259:2018 en
Plastomerni cijevni sustavi za podzemnu netlaču primjenu – Metoda ispitivanja nepropusnosti spojeva s elastomernom prstenastom brtvom (ISO 13259:2018; EN ISO 13259:2018)
Thermoplastics piping systems for underground non-pressure applications – Test method for leaktightness of elastomeric sealing ring type joints (ISO 13259:2018; EN ISO 13259:2018)
- zamijenjena s: HRN EN ISO 13259:2020

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 8624:2011 en
Oftalmološka optika – Okviri za naočale – Mjerni sustav i nazivlje (ISO 8624:2011; EN ISO 8624:2011)
Ophthalmic optics – Spectacle frames – Measuring system and terminology (ISO 8624:2011; EN ISO 8624:2011)
- zamijenjena s: HRN EN ISO 8624:2020

HRN EN ISO 8624:2011/A1:2015 en
Oftalmološka optika – Okviri za naočale – Mjerni sustav i nazivlje (ISO 8624:2011/Amd 1:2015; EN ISO 8624:2011/A1:2015)
Ophthalmic optics – Spectacle frames – Measuring system and terminology (ISO 8624:2011/Amd 1:2015; EN ISO 8624:2011/A1:2015)
- zamijenjena s: HRN EN ISO 8624:2020

HZN/TO 179, Zidane konstrukcije

HRN EN 1745:2012 en
Zidovi i proizvodi za zidanje – Metode određivanja toplinskih svojstava (EN 1745:2012)
Masonry and masonry products – Methods for determining thermal properties (EN 1745:2012)
- zamijenjena s: HRN EN 1745:2020

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 1273:2005 en
Proizvodi za dojenčad i malu djecu – Hodalice – Sigurnosni zahtjevi i metode ispitivanja (EN 1273:2005)
Child care articles – Baby walking frames – Safety requirements and test methods (EN 1273:2005)
- zamijenjena s: HRN EN 1273:2020

HZN/TO 503, Metalni materijali

HRN EN ISO 4499-1:2011 en
Tvrdi metali – Metalografsko određivanje mikrostrukture – 1. dio: Fotomikrografija i opisivanje (ISO 4499-1:2008; EN ISO 4499-1:2010)
Hardmetals – Metallographic determination of microstructure – Part 1: Photomicrographs and description (ISO 4499-1:2008; EN ISO 4499-1:2010)
- zamijenjena s: HRN EN ISO 4499-1:2020

HRN EN ISO 4499-2:2011 en
Tvrdi metali – Metalografsko određivanje mikrostrukture – 2. dio: Mjerenje WC veličine zrna (ISO 4499-2:2008; EN ISO 4499-2:2010)
Hardmetals – Metallographic determination of microstructure – Part 2: Measurement of WC grain size (ISO 4499-2:2008; EN ISO 4499-2:2010)
- zamijenjena s: HRN EN ISO 4499-2:2020

HRN EN 24947:2008 en
Čelik i željezni lijev – Određivanje sadržaja vanadija – Potenciometrijska titracijska metoda (ISO 4947:1986; EN 24947:1991)
Steel and cast iron – Determination of vanadium content – Potentiometric titration method (ISO 4947:1986; EN 24947:1991)
- zamijenjena s: HRN EN ISO 4947:2020

HZN/TO 509, Cestovna oprema

HRI CEN/TR 16303-1:2012 en
Zaštitni cestovni sustavi – Smjernice za mehanizme računalnoga ispitivanja zaštitnoga sustava pri sudaru vozila – 1. dio: Osnovne referentne informacije i izvještaji (CEN/TR 16303-1:2012)
Road restraint systems – Guidelines for computational mechanics of crash testing against vehicle restraint system – Part 1: Common reference information and reporting (CEN/TR 16303-1:2012)
- zamijenjena s: HRN EN 16303:2020

HRI CEN/TR 16303-2:2012 en
Zaštitni cestovni sustavi – Smjernice za mehanizme računalnoga ispitivanja zaštitnoga sustava pri sudaru vozila – 2. dio: Oblikovanje i potvrđivanje vozila (CEN/TR 16303-2:2012)
Road restraint systems – Guidelines for computational mechanics of crash testing against vehicle restraint system – Part 2: Vehicle Modelling and Verification (CEN/TR 16303-2:2012)
- zamijenjena s: HRN EN 16303:2020

HRI CEN/TR 16303-3:2012 en
Zaštitni cestovni sustavi – Smjernice za mehanizme računalnoga ispitivanja zaštitnoga sustava pri sudaru vozila – 3. dio: Ispitna stavka oblikovanje i potvrđivanje (CEN/TR 16303-3:2012)
Road restraint systems – Guidelines for computational mechanics of crash testing against vehicle restraint system – Part 3: Test Item Modelling and Verification (CEN/TR 16303-3:2012)
- zamijenjena s: HRN EN 16303:2020

HRI CEN/TR 16303-4:2012 en
Zaštitni cestovni sustavi – Smjernice za mehanizme računalnoga ispitivanja zaštitnoga sustava pri sudaru vozila – 4. dio: Postupci vrednovanja (CEN/TR 16303-4:2012)
Road restraint systems – Guidelines for computational mechanics of crash testing against vehicle restraint system – Part 4: Validation Procedures (CEN/TR 16303-4:2012)
- zamijenjena s: HRN EN 16303:2020

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN/TS 16157-5:2014 en
Inteligentni transportni sustavi – DATEX II specifikacija za razmjenu podataka za upravljanje prometom i informiranje – 5. dio: Objave za izmjerene i obrađene podatke (CEN/TS 16157-5:2014)
Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 5: Measured and elaborated data publications (CEN/TS 16157-5:2014)
- zamijenjena s: HRN EN 16157-5:2020

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

HRS CEN/TS 15087:2008 en
Determination of the uplift resistance of installed clay and concrete interlocking tiles for roofing – Test method for mechanical fasteners (CEN/TS 15087:2005)
- bez zamjene

HZN/TO 528, Oprema za željeznice

HRN EN 13715:2011 en
Željeznički sustav – Osovinski sklopovi i okretna postolja – Kotači – Profil kotača (EN 13715:2006+A1:2010)
Railway applications – Wheelsets and bogies – Wheels – Tread profile (EN 13715:2006+A1:2010)
- zamijenjena s: HRN EN 13715:2020

HRN EN 13979-1:2011 en
Željeznički sustav – Osovinski sklopovi i okretna postolja – Monoblok kotači – Postupak tehničkog odobravanja – 1. dio: Kovani i valjani kotači (EN 13979-1:2003+A2:2011)
Railway applications – Wheelsets and bogies – Monobloc wheels – Technical approval procedure – Part 1: Forged and rolled wheels (EN 13979-1:2003+A2:2011)
- zamijenjena s: HRN EN 13979-1:2020

HRN EN 45545-2:2015 en
Željeznički sustav – Zaštita od požara na željezničkim vozilima – 2. dio: Zahtjevi za ponašanje materijala i komponenti u požaru (EN 45545-2:2013+A1:2015)
Railway applications – Fire safety on railway vehicles – Part 2: Requirements for fire behaviour of materials and components (EN 45545-2:2013+A1:2015)
- zamijenjena s: HRN EN 45545-2:2020

HZN/TO 531, Plastika i guma

HRN EN ISO 294-3:2004 en
Plastika – Injekcijsko prešani ispitni plastomernih materijala – 3. dio: Male ploče (ISO 294-3:2002; EN ISO 294-3:2003)
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 3: Small plates (ISO 294-3:2002; EN ISO 294-3:2003)
- zamijenjena s: HRN EN ISO 294-3:2020

HRN EN ISO 1628-2:2008 en
Plastika – Određivanje viskoznosti razrijeđenih polimernih otopina kapilarnim viskozimetrom – 2. dio: Poli(vinil-kloridne) smole (ISO 1628-2:1998; EN ISO 1628-2:1998)
Plastics – Determination of the viscosity of polymers in dilute solution using capillary viscometers – Part 2: Poly(vinyl chloride) resins (ISO 1628-2:1998; EN ISO 1628-2:1998)
- zamijenjena s: HRN EN ISO 1628-2:2020

HRN EN ISO 8031:2010 en
Gumena i plastična crijeva i crijevni uređaji – Određivanje električne otpornosti i vodljivosti (ISO 8031:2009; EN ISO 8031:2009)
Rubber and plastics hoses and hose assemblies – Determination of electrical resistance and conductivity (ISO 8031:2009; EN ISO 8031:2009)
- zamijenjena s: HRN EN ISO 8031:2020

HZN/TO 534, Spremnici za teret

HRN EN 13094:2015 en
Spremnici za prijevoz opasnih tvari – Metalni spremnici čiji radni tlak ne prelazi 0,5 bara – Projektiranje i konstrukcija (EN 13094:2015)
Tanks for the transport of dangerous goods – Metallic tanks with a working pressure not exceeding 0,5 bar – Design and construction (EN 13094:2015)
- zamijenjena s: HRN EN 13094:2020

HZN/TO 557, Zaštitna odjeća

HRN EN 469:2006 en
Zaštitna odjeća za vatrogasce – Zahtjevi za svojstva zaštitne odjeće za gašenje požara (EN 469:2005)
Protective clothing for firefighters – Performance requirements for protective clothing for firefighting (EN 469:2005)
- zamijenjena s: HRN EN 469:2020

HRN EN 469:2006/A1:2008 en
Zaštitna odjeća za vatrogasce – Zahtjevi za svojstva zaštitne odjeće za gašenje požara (EN 469:2005/A1:2006)
Protective clothing for firefighters – Performance requirements for protective clothing for firefighting (EN 469:2005/A1:2006)
- zamijenjena s: HRN EN 469:2020

HRN EN 469:2006/AC:2007 en
Zaštitna odjeća za vatrogasce – Zahtjevi za svojstva zaštitne odjeće za gašenje požara (EN 469:2005/AC:2006)
Protective clothing for firefighters – Performance requirements for protective clothing for firefighting (EN 469:2005/AC:2006)
- zamijenjena s: HRN EN 469:2020

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1833-25:2013 en
Tekstil – Kvantitativna kemijska analiza – 25. dio: Mješavine poliesterskih i drugih vlakana (metoda s uporabom trikloroctene kiseline i kloroforma) (ISO 1833-25:2013; EN ISO 1833-25:2013)
Textiles – Quantitative chemical analysis – Part 25: Mixtures of polyester and certain other fibres (method using trichloroacetic acid and chloroform) (ISO 1833-25:2013; EN ISO 1833-25:2013)
- zamijenjena s: HRN EN ISO 1833-25:2020

HZN/TO Z1, Informacijska tehnologija

HRN EN 1332-3:2008 en
Sustavi identifikacijskih kartica – Sučelje čovjek-stroj – 3. dio: Tipkovnice (EN 1332-3:2008)
Identification card systems – Man-machine interface – Part 3: Keypads (EN 1332-3:2008)
- zamijenjena s: HRN EN 1332-3:2020

HZN/TU B1, Graditeljstvo 1

HRN EN 16516:2017 en
Građevni proizvodi: Procjena otpuštanja opasnih tvari – Određivanje emisija u zrak u zatvorenom prostoru (EN 16516:2017)
Construction products: Assessment of release of dangerous substances – Determination of emissions into indoor air (EN 16516:2017)
- zamijenjena s: HRN EN 16516:2020

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

HRN EN ISO 1524:2013 en
Boje, lakovi i tiskarske boje – Određivanje finoće čestica (ISO 1524:2013; EN ISO 1524:2013)
Paints, varnishes and printing inks – Determination of fineness of grind (ISO 1524:2013; EN ISO 1524:2013)
- zamijenjena s: HRN EN ISO 1524:2020

HRN EN ISO 11890-2:2013 en
Boje i lakovi – Određivanje sadržaja hlapljivih organskih tvari (VOC) – 2. dio: Metoda plinske kromatografije (ISO 11890-2:2013; EN ISO 11890-2:2013)
Paints and varnishes – Determination of volatile organic compound (VOC) content – Part 2: Gas-chromatographic method (ISO 11890-2:2013; EN ISO 11890-2:2013)
- zamijenjena s: HRN EN ISO 11890-2:2020

HZN/TU I2, Strojarstvo 2

HRN EN ISO 20785-1:2017 en
Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 1: Conceptual basis for measurements (ISO 20785-1:2012; EN ISO 20785-1:2017)
- zamijenjena s: HRN EN ISO 20785-1:2020

HRN EN ISO 20785-2:2017 en
Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 2: Characterization of instrument response (ISO 20785-2:2011; EN ISO 20785-2:2017)
- zamijenjena s: HRN EN ISO 20785-2:2020

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

HRN EN ISO 13017:2012 en
Stomatologija – Magnetne kopče (ISO 13017:2012; EN ISO 13017:2012)
Dentistry – Magnetic attachments (ISO 13017:2012; EN ISO 13017:2012)
- zamijenjena s: HRN EN ISO 13017:2020

HRN EN ISO 13017:2012/A1:2016 en
Stomatologija – Magnetne kopče (ISO 13017:2012/Amd 1:2015; EN ISO 13017:2012/A1:2015)
Dentistry – Magnetic attachments (ISO 13017:2012/Amd 1:2015; EN ISO 13017:2012/A1:2015)
- zamijenjena s: HRN EN ISO 13017:2020

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

HRN EN 1175-1:2011 en
Sigurnost industrijskih kamiona – Električni zahtjevi – 1. dio: Opći zahtjevi za kamione pogonjene baterijama (EN 1175-1:1998+A1:2010)
Safety of industrial trucks – Electrical requirements – Part 1: General requirements for battery powered trucks (EN 1175-1:1998+A1:2010)
- zamijenjena s: HRN EN 1175:2020

HRN EN 1175-2:2011 en
Sigurnost industrijskih kamiona – Električni zahtjevi – 2. dio: Opći zahtjevi za kamione pogonjene motorima s unutrašnjim izgaranjem (EN 1175-2:1998+A1:2010)
Safety of industrial trucks – Electrical requirements – Part 2: General requirements of internal combustion engine powered trucks (EN 1175-2:1998+A1:2010)
- zamijenjena s: HRN EN 1175:2020

HRN EN 1175-3:2011 en
Sigurnost industrijskih kamiona – Električni zahtjevi – 3. dio: Posebni zahtjevi za električno pogonjeni prijenosni sustav za kamione pogonjene motorima s unutrašnjim izgaranjem (EN 1175-3:1998+A1:2010)
Safety of industrial trucks – Electrical requirements – Part 3: Specific requirements for the electric power transmission systems of internal combustion engine powered trucks (EN 1175-3:1998+A1:2010)
- zamijenjena s: HRN EN 1175:2020

HRN EN 4234:2015 en
Zrakoplovstvo – Stege, pužni pogon – Dimenzije i mase (EN 4234:2015)
Aerospace series – Clamps, worm drive – Dimensions, masses (EN 4234:2015)
- zamijenjena s: HRN EN 4234:2020

HRN EN 9131:2016 en
Zrakoplovstvo – Sustavi upravljanja kvalitetom – Definicija podataka i dokumentacija o nesukladnosti (EN 9131:2016)
Aerospace series – Quality Management Systems – Nonconformance Data Definition and Documentation (EN 9131:2016)
- zamijenjena s: HRN EN 9131:2020

HRN EN 12312-3:2017 en
Oprema za zemaljsku podršku zrakoplovu – Posebni zahtjevi – 3. dio: Vozila s transportnom trakom (EN 12312-3:2017)
Aircraft ground support equipment – Specific requirements – Part 3: Conveyor belt vehicles (EN 12312-3:2017)
- zamijenjena s: HRN EN 12312-3:2020

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 555, Medicinski proizvodi

• umjesto

HRN EN ISO 14644-3:2019
Čisti prostori i odgovarajući kontrolirani okoliš – 3. dio: Metode ispitivanja (ISO 14644-3:2019; EN ISO 14644-3:2019)
Cleanrooms and associated controlled environments – Part 3: Test methods (ISO 14644-3:2019; EN ISO 14644-3:2019)

• treba biti

HRN EN ISO 14644-3:2019
Čisti prostori i odgovarajući kontrolirani okoliš – 3. dio: Metode ispitivanja (ISO 14644-3:2019, **ispravljena verzija 2020-06**; EN ISO 14644-3:2019)
Cleanrooms and associated controlled environments – Part 3: Test methods (ISO 14644-3:2019, **Corrected version 2020-06**; EN ISO 14644-3:2019)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 207, Upravljanje okolišem

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

HRN EN ISO 14044:2008 hr-en pr-pp
Upravljanje okolišem – Procjena životnog ciklusa (LCA) – Zahtjevi i smjernice (ISO 14044:2006; EN ISO 14044:2006)
Environmental management – Life cycle assessment – Requirements and guidelines (ISO 14044:2006; EN ISO 14044:2006)

HRN EN ISO 14044:2008/A1:2018 hr-en pr-pp
Upravljanje okolišem – Procjena životnog ciklusa (LCA) – Zahtjevi i smjernice (ISO 14044:2006/Amd 1:2017; EN ISO 14044:2006/A1:2018)
Environmental management – Life cycle assessment – Requirements and guidelines (ISO 14044:2006/Amd 1:2017; EN ISO 14044:2006/A1:2018)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 12015	Electromagnetic compatibility – Product family standard for lifts, escalators and moving walks – Emission	33.100.10; 91.140.90	2020-06
EN 12697-29	Bituminous mixtures – Test methods – Part 29: Determination of the dimensions of a bituminous specimen	93.080.20	2020-06
CEN/TS 13103-2	Railway applications – Wheelsets and bogies – Part 2: Design method for axles with internal journals	45.040	2020-06
EN 13175+A1	LPG Equipment and accessories – Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings	23.060.01	2020-06
EN 13476-2+A1	Plastics piping systems for non-pressure underground drainage and sewerage – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 2: Specifications for pipes and fittings with smooth internal and external surface and the system, Type A	23.040.01; 93.030	2020-06
EN 13476-3+A1	Plastics piping systems for non-pressure underground drainage and sewerage – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 3: Specifications for pipes and fittings with smooth internal and profiled external surface and the system, Type B	23.040.01; 93.030	2020-06
EN 13523-6	Coil coated metals – Test methods – Part 6: Adhesion after indentation (cupping test)	25.220.60	2020-06
EN 13523-18	Coil coated metals – Test methods – Part 18: Resistance to staining	25.220.60	2020-06
EN 13523-20	Coil coated metals – Test methods – Part 20: Foam adhesion	25.220.60	2020-06
EN 13850	Postal services – Quality of services – Measurement of the transit time of end-to-end services for single piece priority mail and first class mail	03.240	2020-06
EN 14350	Child care articles – Drinking equipment – Safety requirements and test methods	97.190	2020-06
EN 14451	Devices to prevent pollution by backflow of potable water – In-line anti-vacuum valves DN 10 to DN 50 inclusive – Family D, type A	13.060.20; 23.060.50	2020-06
EN 14803	Identification and/or determination of the quantity of waste	13.030.40	2020-06
EN 15096	Devices to prevent pollution by backflow of potable water – Hose Union anti-vacuum valves – DN 15 to DN 25 inclusive Family H, type B and type D – General technical specification	13.060.20; 23.060.01	2020-06
EN 15612	Railway applications – Braking – Brake pipe accelerator	45.040	2020-06
EN 16293	Packaging – Glass Packaging – Deep BVS finishes for still wines	55.100	2020-06
CEN/TS 16931-3-2	Electronic invoicing – Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note	35.240.20; 35.240.63	2020-06
CEN/TS 16931-3-3	Electronic invoicing – Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B	35.240.20; 35.240.63	2020-06
EN 17152-1/AC	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water – Boxes used for infiltration, attenuation and storage systems – Part 1: Specifications for storm water boxes made of PP and PVC-U	23.040.01	2020-06
EN 17333-2/AC	Characterisation of one component foam – Part 2: Expansion characteristics	83.180	2020-06
EN 17339	Transportable gas cylinders – Fully wrapped carbon composite cylinders and tubes for hydrogen	23.020.35	2020-06
EN 17366	Waste management – Access control to collection containers – Identification and authorization	13.030.40	2020-06
EN 17396	Resilient floor coverings – Quartz vinyl tiles – Specification	97.150	2020-06
EN 17398	Patient involvement in health care – Minimum requirements for person-centred care	11.020.10	2020-06
CEN/TS 17438	Source materials considered in the development of the Aggregate standards of TC 154	91.100.15	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
CEN/TR 17439	Guidance on how to implement EN ISO 19650-1 and -2 in Europe	35.240.67; 91.010.01	2020-06
CEN/TR 17512	Personal protective equipment – Smart garments – Terms and definitions	01.040.13; 01.040.59; 13.340.10; 59.080.80	2020-06
CWA 17514	Systematic assessment of innovative solutions for crisis management – Trial guidance methodology	03.100.01	2020-06
EN 17533	Gaseous hydrogen – Cylinders and tubes for stationary storage	23.020.30; 71.100.20	2020-06
CWA 17541	European Criteria for Quality Internships	03.100.30	2020-06
CWA 17553	Community face coverings – Guide to minimum requirements, methods of testing and use	13.340.20	2020-06
EN ISO 128-1	Technical product documentation (TPD) – General principles of representation – Part 1: Introduction and fundamental requirements (ISO 128-1:2020)	01.100.01	2020-06
EN ISO 128-100	Technical product documentation – General principles of representation – Part 100: Index (ISO 128-100:2020)	01.100.01	2020-06
EN ISO 179-2	Plastics – Determination of Charpy impact properties – Part 2: Instrumented impact test (ISO 179-2:2020)	83.080.01	2020-06
EN ISO 1182	Reaction to fire tests for products – Non-combustibility test (ISO 1182:2020)	13.220.50	2020-06
EN ISO 1833-29	Textiles – Quantitative chemical analysis – Part 29: Mixtures of polyamide with polypropylene/polyamide bicomponent (method using sulfuric acid) (ISO 1833-29:2020)	59.060.01	2020-06
EN ISO 6501	Ferronickel – Specification and delivery requirements (ISO 6501:2020)	77.100	2020-06
EN ISO 8871-2	Elastomeric parts for parenterals and for devices for pharmaceutical use – Part 2: Identification and characterization (ISO 8871-2:2020)	11.040.20	2020-06
EN ISO 9170-1	Terminal units for medical gas pipeline systems – Part 1: Terminal units for use with compressed medical gases and vacuum (ISO 9170-1:2017)	11.040.10	2020-06
EN ISO 9229	Thermal insulation – Vocabulary (ISO 9229:2020)	01.040.27; 27.220	2020-06
EN ISO 9241-110	Ergonomics of human-system interaction – Part 110: Interaction principles (ISO 9241-110:2020)	13.180	2020-06
EN ISO 10863	Non-destructive testing of welds – Ultrasonic testing – Use of time-of-flight diffraction technique (TOFD) (ISO 10863:2020)	25.160.40	2020-06
EN ISO 10893-1/A1	Non-destructive testing of steel tubes – Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness – Amendment 1: Change of dimensions of the reference notch; change acceptance criteria (ISO 10893-1:2011/Amd 1:2020)	23.040.10; 77.040.20; 77.140.75	2020-06
EN ISO 10893-2/A1	Non-destructive testing of steel tubes – Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections – Amendment 1: Change of dimensions of the reference notch; change acceptance criteria (ISO 10893-2:2011/Amd 1:2020)	23.040.10; 77.040.20; 77.140.75	2020-06
EN ISO 10893-3/A2	Non-destructive testing of steel tubes – Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections – Amendment 2: Change acceptance criteria (ISO 10893-3:2011/Amd 2:2020)	23.040.10; 77.040.20; 77.140.75	2020-06
EN ISO 10893-8/A1	Non-destructive testing of steel tubes – Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections – Amendment 1: Change acceptance criteria (ISO 10893-8:2011/Amd 1:2020)	23.040.10; 77.040.20; 77.140.75	2020-06
EN ISO 10893-12/A1	Non-destructive testing of steel tubes – Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes – Amendment 1: Change of acceptance criteria (ISO 10893-12:2011/Amd 1:2020)	23.040.10; 77.040.20; 77.140.75	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO/IEEE 11073-10201	Health informatics – Device interoperability – Part 10201: Point-of-care medical device communication – Domain information model (ISO/IEEE 11073-10201:2020)	35.240.80	2020-06
EN ISO 11114-1	Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 1: Metallic materials (ISO 11114-1:2020)	23.020.35	2020-06
EN ISO 11203/A1	Acoustics – Noise emitted by machinery and equipment – Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level – Amendment 1 (ISO 11203:1995/Amd 1:2020)	17.140.20	2020-06
EN ISO 11532	Aircraft ground equipment – Graphical symbols (ISO 11532:2018)	01.080.20; 49.100	2020-06
EN ISO 11844-1	Corrosion of metals and alloys – Classification of low corrosivity of indoor atmospheres – Part 1: Determination and estimation of indoor corrosivity (ISO 11844-1:2020)	77.060	2020-06
EN ISO 11844-2	Corrosion of metals and alloys – Classification of low corrosivity of indoor atmospheres – Part 2: Determination of corrosion attack in indoor atmospheres (ISO 11844-2:2020)	77.060	2020-06
EN ISO 12951	Textile floor coverings – Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine (ISO 12951:2020)	97.150	2020-06
EN ISO 12960	Geotextiles and geotextile-related products – Screening test methods for determining the resistance to acid and alkaline liquids (ISO 12960:2020)	59.080.70	2020-06
EN ISO 13680	Petroleum and natural gas industries – Corrosion-resistant alloy seamless tubular products for use as casing, tubing, coupling stock and accessory material – Technical delivery conditions (ISO 13680:2020)	75.180.10; 77.140.75	2020-06
EN ISO 15151	Milk, milk products, infant formula and adult nutritionals – Determination of minerals and trace elements – Inductively coupled plasma atomic emission spectrometry (ICP-AES) method (ISO 15151:2018)	67.100.10	2020-06
EN ISO 16148/A1	Gas cylinders – Refillable seamless steel gas cylinders and tubes – Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing – Amendment 1 (ISO 16148:2016/Amd 1:2020)	23.020.35	2020-06
EN ISO 16558-1/A1	Soil quality – Risk-based petroleum hydrocarbons – Part 1: Determination of aliphatic and aromatic fractions of volatile petroleum hydrocarbons using gas chromatography (static headspace method) – Amendment 1 (ISO 16558-1:2015/Amd 1:2020)	13.080.10	2020-06
EN ISO 16958	Milk, milk products, infant formula and adult nutritionals – Determination of fatty acids composition – Capillary gas chromatographic method (ISO 16958:2015)	67.100.10	2020-06
GEN ISO/TR 18401	Nanotechnologies – Plain language explanation of selected terms from the ISO/IEC 80004 series (ISO/TR 18401:2017)	01.040.07; 07.120	2020-06
EN ISO 20647	Infant formula and adult nutritionals – Determination of total iodine – Inductively coupled plasma mass spectrometry (ICP-MS) (ISO 20647:2015)	67.050	2020-06
EN ISO 21365	Soil quality – Conceptual site models for potentially contaminated sites (ISO 21365:2019)	13.080.01	2020-06
EN ISO 21424	Milk, milk products, infant formula and adult nutritionals – Determination of minerals and trace elements – Inductively coupled plasma mass spectrometry (ICP-MS) method (ISO 21424:2018)	67.100.10	2020-06
EN ISO 22418	Intelligent transport systems – Fast service announcement protocol (FSAP) for general purposes in ITS (ISO 22418:2020)	03.220.01; 35.240.60	2020-06
EN ISO 22744-1	Textiles and textile products – Determination of organotin compounds – Part 1: Derivatisation method using gas chromatography (ISO 22744-1:2020)	59.080.01	2020-06
EN ISO 24022-2	Plastics – Polystyrene (PS) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 24022-2:2020)	83.080.20	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 24026-1	Plastics – Poly(methyl methacrylate) (PMMA) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 24026-1:2020)	83.080.20	2020-06
EN ISO 24026-2	Plastics – Poly(methyl methacrylate) (PMMA) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 24026-2:2020)	83.080.20	2020-06
EN ISO 34101-1	Sustainable and traceable cocoa – Part 1: Requirements for cocoa sustainability management systems (ISO 34101-1:2019)	67.140.30	2020-06
EN ISO 34101-2	Sustainable and traceable cocoa – Part 2: Requirements for performance (related to economic, social and environmental aspects) (ISO 34101-2:2019)	67.140.30	2020-06
EN ISO/ASTM 52904	Additive manufacturing – Process characteristics and performance – Practice for metal powder bed fusion process to meet critical applications (ISO/ASTM 52904:2019)	25.030	2020-06

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CEN-CENELEC Guide 36; CEN/CENELEC Guide 36	Guidance on the rules for drafting and presentation of candidate harmonized product standards for construction products	01.120	2020-06
EN 16603-20-21	Space engineering – Interface requirements for electrical actuators	49.140	2020-06
EN 16603-32-10	Space engineering – Structural factors of safety for spaceflight hardware	49.140	2020-06
EN 16603-40-07	Space engineering – Simulation modelling platform	49.140	2020-06
EN 50131-1/A3	Alarm systems – Intrusion and hold-up systems – Part 1: System requirements	13.310; 13.320	2020-06
CLC/TS 50654-1	HVDC Grid Systems and connected Converter Stations – Guideline and Parameter Lists for Functional Specifications – Part 1: Guidelines	29.240.01	2020-06
CLC/TS 50654-2	HVDC Grid Systems and connected Converter Stations – Guideline and Parameter Lists for Functional Specifications – Part 2: Parameter Lists	29.240.01	2020-06
EN IEC 60034-5	Rotating electrical machines – Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) – Classification (IEC 60034-5:2020)	29.160.01	2020-06
EN IEC 60076-22-7	Power transformers – Part 22-7: Power transformer and reactor fittings – Accessories and fittings (IEC 60076-22-7:2020)	29.180	2020-06
EN IEC 60317-0-4	Specifications for particular types of winding wires – Part 0-4: General requirements – Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire (IEC 60317-0-4:2020)	29.060.10	2020-06
EN IEC 60317-61	Specifications for particular types of winding wires – Part 61: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180 (IEC 60317-61:2020)	29.060.10	2020-06
EN IEC 60317-71	Specifications for particular types of winding wires – Part 71: Polyester glass-fibre wound and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180 (IEC 60317-71:2020)	29.060.10	2020-06
EN IEC 60317-72	Specifications for particular types of winding wires – Part 72: Polyester glass-fibre wound silicone resin/varnish impregnated, bare or enamelled round copper wire, temperature index 200 (IEC 60317-72:2020)	29.060.10	2020-06
EN 60436/AC	Electric dishwashers for household use – Methods for measuring the performance	97.040.40	2020-06
EN IEC 60519-8	Safety in installations for electroheating and electromagnetic processing – Part 8: Particular requirements for electrosag remelting furnaces (IEC 60519-8:2020)	25.180.10	2020-06
EN IEC 60565-1	Underwater acoustics – Hydrophones – Calibration of hydrophones – Part 1: Procedures for free-field calibration of hydrophones (IEC 60565-1:2020)	17.140.50	2020-06
EN IEC 60721-3-0	Classification of environmental conditions – Part 3-0: Classification of groups of environmental parameters and their severities – Introduction (IEC 60721-3-0:2020)	19.040	2020-06
EN IEC 60895	Live working – Conductive clothing (IEC 60895:2020)	13.260; 13.340.10; 29.240.20; 29.260.01; 29.260.99	2020-06
EN IEC 61000-4-11/AC	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/COR1:2020)	33.100.20	2020-06
EN IEC 61189-5-504	Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 5-504: General test methods for materials and assemblies – Process ionic contamination testing (PICT) (IEC 61189-5-504:2020)	31.180	2020-06
EN IEC 61300-3-55	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-55: Examinations and measurements – Polarisation extinction ratio and keying accuracy of polarisation maintaining, passive, optical components (IEC 61300-3-55:2020)	33.180.20	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61400-6	Wind energy generation systems – Part 6: Tower and foundation design requirements (IEC 61400-6:2020)	27.180	2020-06
EN IEC 61631	Test method for the mechanical strength of cores made of magnetic oxides (IEC 61631:2020)	29.100.10	2020-06
EN IEC 61960-4	Secondary cells and batteries containing alkaline or other non- acid electrolytes – Secondary lithium cells and batteries for portable applications – Part 4: Coin secondary lithium cells, and batteries made from them (IEC 61960-4:2020)	29.220.30; 29.220.99	2020-06
EN IEC 61968-1	Application integration at electric utilities – System interfaces for distribution management – Part 1: Interface architecture and general recommendations (IEC 61968-1:2020)	33.200; 35.240.99	2020-06
EN IEC 62056-8-8	Electricity metering data exchange – The DLMS/COSEM suite – Part 8-8: Communication profile for ISO/IEC 14908 series networks (IEC 62056-8-8:2020)	33.200; 35.110; 35.240.99; 91.140.50	2020-06
EN IEC 62149-11	Fibre optic active components and devices – Performance standards – Part 11: Multiple channel transmitter/receiver chip scale package with multimode fibre interface (IEC 62149-11:2020)	33.180.20; 33.180.30	2020-06
EN IEC 62282-2-100	Fuel cell technologies – Part 2-100: Fuel cell modules – Safety (IEC 62282-2-100:2020)	27.070	2020-06
EN IEC 62351-8	Power systems management and associated information exchange – Data and communications security – Part 8: Role- based access control for power system management (IEC 62351-8:2020)	33.200; 35.030	2020-06
EN 62745/A11	Safety of machinery – Requirements for cableless control systems of machinery	13.110; 29.020; 35.100.01	2020-06
EN IEC 62769-103-1	Field device integration (FDI) – Part 103-1: Profiles – PROFIBUS (IEC 62769-103-1:2020)	25.040.40; 35.100.05; 35.240.50	2020-06
EN IEC 62769-103-4	Field device integration (FDI) – Part 103-4: Profiles – PROFINET (IEC 62769-103-4:2020)	25.040.40; 35.100.05; 35.240.50	2020-06
EN IEC 62769-109-1	Field devices integration (FDI) – Part 109-1: Profiles – HART(r) and WirelessHART(r) (IEC 62769-109-1:2020)	25.040.40; 35.100.05; 35.240.50	2020-06
EN IEC 62788-1-7	Measurement procedures for materials used in photovoltaic modules – Part 1-7: Encapsulants – Test procedure of optical durability (IEC 62788-1-7:2020)	27.160	2020-06
EN 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 (IEC 62841-3-9:2020)	25.140.20; 65.060.70; 65.060.80	2020-06
EN IEC 62841-3-9/A11	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	2020-06
EN IEC 63093-1	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 1: General specification (IEC 63093-1:2020)	29.100.10	2020-06
EN IEC 63093-9	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 9: Planar cores (IEC 63093-9:2020)	29.100.10	2020-06
EN IEC 63129	Determination of inrush current characteristics of lighting products (IEC 63129:2020)	29.140.01; 29.140.99	2020-06
EN IEC 63132-1	Guidance for installation procedures and tolerances of hydroelectric machines – Part 1: General aspects (IEC 63132-1:2020)	27.140	2020-06
EN IEC 63132-2	Guidance for installation procedures and tolerances of hydroelectric machines – Part 2: Vertical generators (IEC 63132-2:2020)	27.140	2020-06
EN IEC 63132-3	Guidance for installation procedures and tolerances of hydroelectric machines – Part 3: Vertical Francis turbines or pump-turbines (IEC 63132-3:2020)	27.140	2020-06
EN IEC 63132-4	Guidance for installation procedures and tolerances of hydroelectric machines – Part 4: Vertical Kaplan or propeller turbines (IEC 63132-4:2020)	27.140	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 63155	Guidelines for the measurement method of power durability for surface acoustic wave (SAW) and bulk acoustic wave (BAW) devices in radio frequency (RF) applications (IEC 63155:2020)	31.140	2020-06
EN ISO/IEC 17000	Conformity assessment – Vocabulary and general principles (ISO/IEC 17000:2020)	01.040.03; 03.120.20	2020-06
EN ISO/IEC 29100	Information technology – Security techniques – Privacy framework (ISO/IEC 29100:2011, including Amd 1:2018)	35.030	2020-06

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 100392-2 V 3.9.2	Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 2: Air Interface (AI)	33.070.10	2020-06
ETSI TR 101290 V 1.4.1	Digital Video Broadcasting (DVB) – Measurement guidelines for DVB systems	33.170	2020-06
ETSI TS 102181 V 1.3.1	Emergency Communications (EMTEL) – Requirements for communication between authorities/organizations during emergencies	33.040.01	2020-06
ETSI TS 102224 V 15.0.0	Smart Cards – Security mechanisms for UICC based Applications Functional requirements (Release 15)	35.240.15	2020-06
ETSI TS 102225 V 16.0.0	Smart Cards – Secured packet structure for UICC based applications (Release 16)	35.240.15	2020-06
ETSI TS 102412 V 15.0.0	Smart Cards – Smart Card Platform Requirements Stage 1 (Release 15)	35.240.15	2020-06
ETSI TS 103465 V 15.2.0	Smart Cards – Smart Secure Platform (SSP) – Requirements Specification (Release 15)	35.240.15	2020-06
ETSI TS 103465 V 16.2.0	Smart Cards – Smart Secure Platform (SSP) – Requirements Specification (Release 16)	35.240.15	2020-06
ETSI TS 103548 V 1.1.2	SmartM2M – SAREF consolidation with new reference ontology patterns, based on the experience from the SEAS project	33.200	2020-06
ETSI TR 103611 V 1.1.1	Satellite Earth Stations and Systems (SES) – Seamless integration of satellite and/or HAPS (High Altitude Platform Station) systems into 5G and related architecture options	33.070.40	2020-06
ETSI TS 103645 V 2.1.2	CYBER – Cyber Security for Consumer Internet of Things: Baseline Requirements	33.040.99; 35.030; 35.240.95	2020-06
ETSI TS 103666-2 V 15.2.0	Smart Secure Platform (SSP) – Part 2: Integrated SSP (iSSP) characteristics (Release 15)	35.240.15	2020-06
ETSI TS 103736-1 V 1.1.1	Hybrid Broadcast Broadband TV – Targeted Advertising – Part 1: Functional requirements	33.170	2020-06
ETSI TS 103736-2 V 1.1.1	Hybrid Broadcast Broadband TV – Targeted Advertising – Part 2: Non-functional requirements	33.170	2020-06
ETSI TS 118126 V 3.0.0	3GPP Interworking (oneM2M TS-0026 version 3.0.0 Release 3)	33.200	2020-06
ETSI GS CIM 004 V 1.1.2	Context Information Management (CIM) – Application Programming Interface (API)	35.080; 35.240.01	2020-06
ETSI GR NFV-IFA 015 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Report on NFV Information Model	35.110	2020-06
ETSI GR NFV-IFA 016 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Information Modeling – Papyrus Guidelines	35.110	2020-06
ETSI GR NFV-IFA 017 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Information Modeling – UML Modeling Guidelines	35.110	2020-06
ETSI GS MEC 015 V 2.1.1	Multi-Access Edge Computing (MEC) – Traffic Management APIs	33.070.99	2020-06
ETSI GS MEC 028 V 2.1.1	Multi-access Edge Computing (MEC) – WLAN Information API	33.070.99	2020-06
ETSI GS NFV-IFA 005 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Or-Vi reference point – Interface and Information Model Specification	33.040.40; 35.110	2020-06
ETSI GS NFV-IFA 006 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Vi-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2020-06
ETSI GS NFV-IFA 007 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Or-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2020-06
ETSI GS NFV-IFA 008 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Ve-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2020-06
ETSI GS NFV-IFA 010 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Functional requirements specification	33.040.40; 35.110	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS NFV-IFA 011 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – VNF Descriptor and Packaging Specification	33.040.40; 35.110	2020-06
ETSI GS NFV-IFA 013 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Os-Ma-nfvo reference point – Interface and Information Model Specification	33.040.40; 35.110	2020-06
ETSI GS NFV-IFA 014 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Network Service Templates Specification	33.040.40; 35.110	2020-06
ETSI GS NFV-IFA 026 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Architecture enhancement for Security Management Specification	35.110	2020-06
ETSI GS NFV-IFA 027 V 2.7.1	Network Functions Virtualisation (NFV) Release 2 – Management and Orchestration – Performance Measurements Specification	35.110	2020-06
ETSI GS NFV-IFA 027 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Performance Measurements Specification	35.110	2020-06
ETSI GS NFV-IFA 030 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Multiple Administrative Domain Aspect Interfaces Specification	35.110	2020-06
ETSI GS NFV-IFA 032 V 3.4.1	Network Functions Virtualisation (NFV) Release 3 – Management and Orchestration – Interface and Information Model Specification for Multi-Site Connectivity Services	35.110	2020-06
ETSI GS NFV-SEC 022 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Security – Access Token Specification for API Access	35.110	2020-06
ETSI GS NFV-TST 008 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Testing – NFVI Compute and Network Metrics Specification	35.110	2020-06
EN 300113 V 3.1.1	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	33.060.20; 33.070.01	2020-06
EN 300338-2 V 1.5.1	Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service – Part 2: Class A DSC	33.060.20; 47.020.70	2020-06
EN 300338-3 V 1.3.1	Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service – Part 3: Class D DSC	33.060.20; 47.020.70	2020-06
EN 300338-5 V 1.3.1	Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service – Part 5: Handheld VHF Class H DSC	33.060.20; 47.020.70	2020-06
EN 300338-6 V 1.2.1	Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service – Part 6: Class M DSC	33.060.20; 47.020.70	2020-06
EN 301908-2 V 13.1.1	IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)	33.070.01; 33.070.50	2020-06
EN 302066 V 2.2.1	Short Range Devices (SRD) – Ground- and Wall- Probing Radio determination (GPR/WPR) devices – Harmonised Standard for access to radio spectrum	33.060.20	2020-06
EN 303213-1 V 2.1.1	Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 1: Community Specification for A-SMGCS surveillance service including external interfaces	49.090	2020-06
EN 303213-2 V 2.1.1	Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 2: Community Specification for A-SMGCS airport safety support service	49.090	2020-06
EN 303213-3 V 2.1.1	Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 3: Community Specification for a deployed cooperative sensor including its interfaces	49.090	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
EN 303213-7 V 2.1.1	Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 7: Community Specification for A-SMGCS routing service	49.090	2020-06
EN 303641 V 1.1.2	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) reconfiguration requirements	33.060.20	2020-06
EN 303645 V 2.1.1	CYBER – Cyber Security for Consumer Internet of Things: Baseline Requirements	35.030; 35.240.95	2020-06
EN 303681-1 V 1.1.2	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 1: generalized Multiradio Interface (gMURI)	33.060.99	2020-06
EN 303681-2 V 1.1.2	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 2: generalized Reconfigurable Radio Frequency Interface (gRRFI)	33.060.99	2020-06
EN 303681-3 V 1.1.2	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 3: generalized Unified Radio Application Interface (gURAI)	33.060.99	2020-06
EN 303681-4 V 1.1.2	Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture – Part 4: generalized Radio Programming Interface (gRPI)	33.060.99	2020-06
EN 319403-1 V 2.3.1	Electronic Signatures and Infrastructures (ESI) – Trust Service Provider Conformity Assessment – Part 1: Requirements for conformity assessment bodies assessing Trust Service Providers	35.240.30	2020-06
EN 319412-1 V 1.4.1	Electronic Signatures and Infrastructures (ESI) – Certificate Profiles – Part 1: Overview and common data structures	35.240.30	2020-06

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 105-B06	Textiles – Tests for colour fastness – Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test	59.080.01	2020-06
ISO 128-3	Technical product documentation (TPD) – General principles of representation – Part 3: Views, sections and cuts	01.100.01	2020-06
ISO 294-3	Plastics – Injection moulding of test specimens of thermoplastic materials – Part 3: Small plates	83.080.20	2020-06
ISO 1182	Reaction to fire tests for products – Non-combustibility test	13.220.50	2020-06
ISO 1436	Rubber hoses and hose assemblies – Wire-braid-reinforced hydraulic types for oil-based or water-based fluids – Specification	23.100.40; 83.140.40	2020-06
ISO 1524	Paints, varnishes and printing inks – Determination of fineness of grind	87.040	2020-06
ISO 1628-2	Plastics – Determination of the viscosity of polymers in dilute solution using capillary viscometers – Part 2: Poly(vinyl chloride) resins	83.080.20	2020-06
ISO 1833-1	Textiles – Quantitative chemical analysis – Part 1: General principles of testing	59.060.01	2020-06
ISO 1833-2	Textiles – Quantitative chemical analysis – Part 2: Ternary fibre mixtures	59.060.01	2020-06
ISO 1833-25	Textiles – Quantitative chemical analysis – Part 25: Mixtures of polyester with certain other fibres (method using trichloroacetic acid and chloroform)	59.060.01	2020-06
ISO 2026	Aircraft – Connections for starting engines by air	49.080; 49.100	2020-06
ISO 2790	Belt drives – V-belts for the automotive industry and corresponding pulleys – Dimensions	43.060.10	2020-06
ISO 2795	Plain bearings – Sintered bushes – Dimensions and tolerances	21.100.10	2020-06
ISO 2859-4	Sampling procedures for inspection by attributes – Part 4: Procedures for assessment of declared quality levels	03.120.30	2020-06
ISO 4079	Rubber hoses and hose assemblies – Textile-reinforced hydraulic types for oil-based or water-based fluids – Specification	23.100.40; 83.140.40	2020-06
ISO 4360	Hydrometry – Open channel flow measurement using triangular profile weirs	17.120.20	2020-06
ISO 4947	Steel and cast iron – Determination of vanadium content – Potentiometric titration method	77.080.01	2020-06
ISO 5053-1	Industrial trucks – Vocabulary – Part 1: Types of industrial trucks	01.040.53; 53.060	2020-06
ISO 5149-2 AMD 1	Refrigerating systems and heat pumps – Safety and environmental requirements – Part 2: Design, construction, testing, marking and documentation	27.080; 27.200	2020-06
ISO 6358-1 AMD 1	Pneumatic fluid power – Determination of flow-rate characteristics of components using compressible fluids – Part 1: General rules and test methods for steady-state flow – Amendment 1: Effective conductance	23.100.01	2020-06
ISO 6501	Ferronickel – Specification and delivery requirements	77.100	2020-06
ISO 6533	Forestry machinery – Portable chain-saw front hand-guard – Dimensions and clearances	65.060.80	2020-06
ISO 6805	Rubber hoses and hose assemblies for underground mining – Wire-reinforced hydraulic types for coal mining – Specification	73.100.30; 83.140.40	2020-06
ISO 7207-2 AMD 2	Implants for surgery – Components for partial and total knee joint prostheses – Part 2: Articulating surfaces made of metal, ceramic and plastics materials; Amendment 2	11.040.40	2020-06
ISO 7870-9	Control charts – Part 9: Control charts for stationary processes	03.120.30	2020-06
ISO 7902-1	Hydrodynamic plain journal bearings under steady-state conditions – Circular cylindrical bearings – Part 1: Calculation procedure	21.100.10	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 7902-2	Hydrodynamic plain journal bearings under steady-state conditions – Circular cylindrical bearings – Part 2: Functions used in the calculation procedure	21.100.10	2020-06
ISO 7902-3	Hydrodynamic plain journal bearings under steady-state conditions – Circular cylindrical bearings – Part 3: Permissible operational parameters	21.100.10	2020-06
ISO 8000-2	Data quality – Part 2: Vocabulary	01.040.25; 25.040.40	2020-06
ISO/TS 8000-65	Data quality – Part 65: Data quality management: Process measurement questionnaire	25.040.40	2020-06
ISO 8031	Rubber and plastics hoses and hose assemblies – Determination of electrical resistance and conductivity	23.040.70	2020-06
ISO 8100-32	Lifts for the transportation of persons and goods – Part 32: Planning and selection of passenger lifts to be installed in office, hotel and residential buildings	91.140.90	2020-06
ISO 8102-1	Electrical requirements for lifts, escalators and moving walks – Part 1: Electromagnetic compatibility with regard to emission	91.140.90	2020-06
ISO 8124-1 AMD 1	Safety of toys – Part 1: Safety aspects related to mechanical and physical properties – Amendment 1: Flying toys	97.200.50	2020-06
ISO 8124-1 AMD 2	Safety of toys – Part 1: Safety aspects related to mechanical and physical properties – Amendment 2: Various	97.200.50	2020-06
ISO 8124-7 AMD 1	Safety of toys – Part 7: Requirements and test methods for finger paints; Amendment 1	97.200.50	2020-06
ISO 8178-1	Reciprocating internal combustion engines – Exhaust emission measurement – Part 1: Test-bed measurement systems of gaseous and particulate emissions	13.040.50; 27.020	2020-06
ISO 8178-4	Reciprocating internal combustion engines – Exhaust emission measurement – Part 4: Steady-state and transient test cycles for different engine applications	13.040.50; 27.020	2020-06
ISO 8180	Ductile iron pipelines – Polyethylene sleeving for site application	23.040.10	2020-06
ISO 8543	Textile floor coverings – Methods for determination of mass	97.150	2020-06
ISO 8624	Ophthalmic optics – Spectacle frames – Measuring system and vocabulary	11.040.70	2020-06
ISO 8769	Measurement of radioactivity – Alpha-, beta- and photon emitting radionuclides – Reference measurement standard specifications for the calibration of surface contamination monitors	17.240	2020-06
ISO 9229	Thermal insulation – Vocabulary	01.040.27; 27.220	2020-06
ISO 9981	Belt drives – Pulleys and V-ribbed belts for the automotive industry – PK profile: Dimensions	43.060.10	2020-06
ISO 10100	Hydraulic fluid power – Cylinders – Acceptance tests	23.100.20	2020-06
ISO 10119	Carbon fibre – Determination of density	59.100.20	2020-06
ISO 10763	Hydraulic fluid power – Plain-end, seamless and welded precision steel tubes – Dimensions and nominal working pressures	23.100.40; 77.140.75	2020-06
ISO 10893-10 AMD 1	Non-destructive testing of steel tubes – Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections – Amendment 1: Change of ultrasonic test frequency; change of acceptance criteria	23.040.10; 77.040.20; 77.140.75	2020-06
ISO 10893-11 AMD 1	Non-destructive testing of steel tubes – Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections – Amendment 1: Change of ultrasonic test frequency; change of acceptance criteria	23.040.10; 77.040.20; 77.140.75	2020-06
ISO/TS 11137-4	Sterilization of health care products – Radiation – Part 4: Guidance on process control	11.080.01	2020-06
ISO/TR 11462-3	Guidelines for implementation of statistical process control (SPC) – Part 3: Reference data sets for SPC software validation	03.120.30	2020-06

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ISO 11687-1	Plain bearings – Pedestal plain bearings – Part 1: Pillow blocks	21.100.10	2020-06
ISO 11687-2	Plain bearings – Pedestal plain bearings – Part 2: Side flange bearings	21.100.10	2020-06
ISO 11890-2	Paints and varnishes – Determination of volatile organic compounds(VOC) and/or semi volatile organic compounds (SVOC) content – Part 2: Gas-chromatographic method	87.040	2020-06
ISO/TS 12103-3	Road vehicles – Test contaminants for filter evaluation – Part 3: Soot contaminant	43.060.20; 43.060.40	2020-06
ISO 12232 AMD 1	Determination of encoding-relative sensitivity (ERS)	37.040.10	2020-06
ISO 12858-2	Optics and optical instruments – Ancillary devices for geodetic instruments – Part 2: Tripods	17.180.30	2020-06
ISO 12999-2	Acoustics – Determination and application of measurement uncertainties in building acoustics – Part 2: Sound absorption	17.140.01; 91.120.20	2020-06
ISO 13373-5	Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 5: Diagnostic techniques for fans and blowers	17.160	2020-06
ISO 13821	Corrugated fibreboard – Determination of edgewise crush resistance – Waxed edge method	85.060	2020-06
ISO 14016	Environmental management – Guidelines on the assurance of environmental reports	13.020.10	2020-06
ISO/TR 14187	Surface chemical analysis – Characterization of nanostructured materials	71.040.40	2020-06
ISO 15004-1	Ophthalmic instruments – Fundamental requirements and test methods – Part 1: General requirements applicable to all ophthalmic instruments	11.040.70	2020-06
ISO 15202-1	Workplace air – Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry – Part 1: Sampling	13.040.30	2020-06
ISO 16148 AMD 1	Gas cylinders – Refillable seamless steel gas cylinders and tubes – Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing; Amendment 1	23.020.35	2020-06
ISO 16534	Thermal insulating products for building applications – Determination of compressive creep	91.100.60	2020-06
ISO 16546	Thermal insulating products for building applications – Determination of freeze-thaw resistance	91.100.60	2020-06
ISO 16672	Ophthalmic implants – Ocular endotamponades	11.040.70	2020-06
ISO 16751	Soil quality – Environmental availability of non-polar organic compounds – Determination of the potentially bioavailable fraction and the non-bioavailable fraction using a strong adsorbent or complexing agent	13.080.30	2020-06
ISO 17804	Founding – Ausferritic spheroidal graphite cast irons – Classification	77.080.10	2020-06
ISO 18167	Textile floor coverings – Installation practices – General	97.150	2020-06
ISO 18243 AMD 1	Electrically propelled mopeds and motorcycles – Test specifications and safety requirements for lithium-ion battery systems; Amendment 1	43.140	2020-06
ISO 18674-4	Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 4: Measurement of pore water pressure: Piezometers	13.080.20; 93.020	2020-06
ISO 19093 AMD 1	Photography – Digital cameras – Measuring low-light performance – Amendment 1: Chroma decrease calculation	37.040.10	2020-06
ISO 19650-5	Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 5: Security-minded approach to information management	35.240.67; 91.010.01	2020-06
ISO 19679	Plastics – Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface – Method by analysis of evolved carbon dioxide	83.080.01	2020-06

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ISO 19724	Gasoline engines with direct injection – Cleanliness assessment of fuel injection equipment	43.060.40	2020-06
ISO 20136	Leather – Determination of degradability by micro-organisms	59.140.30	2020-06
ISO/TR 20174	Welding – Grouping systems for materials – Japanese materials	25.160.20	2020-06
ISO 20242-5	Industrial automation systems and integration – Service interface for testing applications – Part 5: Application program service interface	25.040.40	2020-06
ISO 20360	Brown coals and lignites – Determination of the volatile matter in the analysis sample: one furnace method	73.040	2020-06
ISO 20418-3	Textiles – Qualitative and quantitative proteomic analysis of some animal hair fibres – Part 3: Peptide detection using LC-MS without protein reduction	59.060.01	2020-06
ISO 20468-3	Guidelines for performance evaluation of treatment technologies for water reuse systems – Part 3: Ozone treatment technology	13.020.40; 13.060.01	2020-06
ISO 20816-9	Mechanical vibration – Measurement and evaluation of machine vibration – Part 9: Gear units	17.160	2020-06
ISO 20890-1	Guidelines for in-service inspections for primary coolant circuit components of light water reactors – Part 1: Mechanized ultrasonic testing	27.120.10	2020-06
ISO 20890-2	Guidelines for in-service inspections for primary coolant circuit components of light water reactors – Part 2: Magnetic particle and penetrant testing	27.120.10	2020-06
ISO 20890-3	Guidelines for in-service inspections for primary coolant circuit components of light water reactors – Part 3: Hydrostatic testing	27.120.10	2020-06
ISO 20890-4	Guidelines for in-service inspections for primary coolant circuit components of light water reactors – Part 4: Visual testing	27.120.10	2020-06
ISO 20890-5	Guidelines for in-service inspections for primary coolant circuit components of light water reactors – Part 5: Eddy current testing of steam generator heating tubes	27.120.10	2020-06
ISO 20982	Priests (caper) (Capparis spp.) – Specification and test methods	67.080.01	2020-06
ISO 20984	Cornelian cherry – Specification and test methods	67.080.10	2020-06
ISO 21072-2	Ships and marine technology – Marine environment protection: performance testing of oil skimmers – Part 2: Light and medium viscosity oil	13.020.99; 47.020.99	2020-06
ISO 21100	Air cargo unit load devices – Performance requirements and test parameters	49.100; 49.120	2020-06
ISO 21111-3	Road vehicles – In-vehicle Ethernet – Part 3: Optical 1-Gbit/s physical entity requirements and conformance test plan	43.040.10	2020-06
ISO 21111-5	Road vehicles – In-vehicle Ethernet – Part 5: Optical 1-Gbit/s physical layer system requirements and test plans	43.040.10	2020-06
ISO 21195	Ships and marine technology – Systems for the detection of persons while going overboard from ships (man overboard detection)	47.020.01	2020-06
ISO 21322	Cosmetics – Microbiology – Testing of impregnated or coated wipes and masks	07.100.40	2020-06
ISO 21360-1	Vacuum technology – Standard methods for measuring vacuum-pump performance – Part 1: General description	23.160	2020-06
ISO 21360-2	Vacuum technology – Standard methods for measuring vacuum-pump performance – Part 2: Positive displacement vacuum pumps	23.160	2020-06
ISO 21363	Nanotechnologies – Measurements of particle size and shape distributions by transmission electron microscopy	07.120	2020-06
ISO 21395-1	Optics and photonics – Test method for refractive index of optical glasses – Part 1: Minimum deviation method	37.020	2020-06

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ISO/TS 21569-3	Horizontal methods for molecular biomarker analysis – Methods of analysis for the detection of genetically modified organisms and derived products – Part 3: Construct-specific real-time PCR method for detection of P35S-pat-sequence for screening for genetically modified organisms	67.050	2020-06
ISO 21678	Sustainability in buildings and civil engineering works – Indicators and benchmarks – Principles, requirements and guidelines	91.040.01	2020-06
ISO/TR 21835	Health informatics – Personal health data generated on a daily basis	35.240.80	2020-06
ISO 21899	Biotechnology – Biobanking – General requirements for the validation and verification of processing methods for biological material in biobanks	07.080	2020-06
ISO 21973	Biotechnology – General requirements for transportation of cells for therapeutic use	07.080	2020-06
ISO/TS 21975	Nanotechnologies – Polymeric nanocomposite films for food packaging with barrier properties – Specification of characteristics and measurement methods	07.120	2020-06
ISO/TR 22038	Information and documentation – Description and presentation of rights information	01.140.20; 03.140	2020-06
ISO 22052	Dentistry – Central compressed air source equipment	11.060.20	2020-06
ISO 22182	Geotextiles and geotextile-related products – Determination of index abrasion resistance characteristics under wet conditions for hydraulic applications	59.080.70	2020-06
ISO 22236	Traditional Chinese medicine - Thread-embedding acupuncture needle for single use	11.040.25	2020-06
ISO 22410	Corrosion of metals and alloys – Electrochemical measurement of ion transfer resistance to characterize the protective rust layer on weathering steel	77.060	2020-06
ISO 22459	Fine ceramics (advanced ceramics, advanced technical ceramics) – Reinforcement of ceramic composites – Determination of distribution of tensile strength and tensile strain to failure of filaments within a multifilament tow at ambient temperature	81.060.30	2020-06
ISO 22462	Metallic and other inorganic coatings – Test method for the friction coefficient measurement of chemical conversion coatings	25.220.20	2020-06
ISO 22553-8	Paints and varnishes – Electro-deposition coatings – Part 8: Electric charge density	87.040	2020-06
ISO 22569	Dentistry – Multifunction handpieces	11.060.25	2020-06
ISO 22863-3	Fireworks – Test methods for determination of specific chemical substances – Part 3: Lead and lead compounds by atomic absorption	71.100.30	2020-06
ISO 22932-1	Mining – Vocabulary – Part 1: Planning and surveying	01.040.73; 73.020	2020-06
ISO 22932-2	Mining – Vocabulary – Part 2: Geology	01.040.73; 73.020	2020-06
ISO 22980	Tobacco – Determination of the content of total alkaloids as nicotine – Continuous-flow analysis method using KSCN/DCIC	65.160	2020-06
ISO 22987	Ships and marine technology – Laboratory test method for skin friction of antifouling paints by rotating drum	47.020.10; 87.040	2020-06
ISO 23159	Non-destructive testing – Gamma ray scanning method on process columns	19.100	2020-06
ISO 23266	Soil quality – Test for measuring the inhibition of reproduction in oribatid mites (<i>Oppia nitens</i>) exposed to contaminants in soil	13.080.30	2020-06
ISO 23325	Dentistry – Corrosion resistance of dental amalgam	11.060.10	2020-06
ISO 23351-1	Acoustics – Measurement of speech level reduction of furniture ensembles and enclosures – Part 1: Laboratory method	91.120.20	2020-06
ISO 23658	Buildings and civil engineering works – Sealants – Testing of adhesion properties using a bead peel test	91.100.50	2020-06

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ISO 23904	Cigarettes – Determination of selected phenolic compounds in cigarette mainstream smoke with an intense smoking regime using HPLC-FLD	65.160	2020-06
ISO 23905	Cigarettes – Determination of selected phenolic compounds in cigarette mainstream smoke using HPLC-FLD	65.160	2020-06
ISO 23920	Cigarettes – Determination of ammonia in cigarette mainstream smoke with an intense smoking regime using ion chromatography	65.160	2020-06
ISO 24018	Jewellery and precious metals – Specifications for 1 kilogram gold bar	39.060	2020-06
ISO/TR 24971	Medical devices – Guidance on the application of ISO 14971	11.040.01	2020-06
ISO 25239-1	Friction stir welding – Aluminium – Part 1: Vocabulary	01.040.25; 25.160.10	2020-06
ISO 25239-2	Friction stir welding – Aluminium – Part 2: Design of weld joints	25.160.10; 25.160.40	2020-06
ISO 25239-3	Friction stir welding – Aluminium – Part 3: Qualification of welding operators	25.160.01; 25.160.10	2020-06
ISO 25239-4	Friction stir welding – Aluminium – Part 4: Specification and qualification of welding procedures	25.160.10	2020-06
ISO 25239-5	Friction stir welding – Aluminium – Part 5: Quality and inspection requirements	25.160.10	2020-06
ISO 29470	Thermal insulating products for building applications – Determination of the apparent density	91.100.60	2020-06
ISO/TR 29662	Petroleum products and other liquids – Guidance for flash point and combustibility testing	75.080	2020-06
ISO/TS 31657-1	Plain bearings – Hydrodynamic plain journal bearings under steady-state conditions – Part 1: Calculation of multi-lobed and tilting pad journal bearings	21.100.10	2020-06
ISO/TS 31657-2	Plain bearings – Hydrodynamic plain journal bearings under steady-state conditions – Part 2: Functions for calculation of multi-lobed journal bearings	21.100.10	2020-06
ISO/TS 31657-3	Plain bearings – Hydrodynamic plain journal bearings under steady-state conditions – Part 3: Functions for calculation of tilting pad journal bearings	21.100.10	2020-06
ISO/TS 31657-4	Plain bearings – Hydrodynamic plain journal bearings under steady-state conditions – Part 4: Permissible operational parameters for calculation of multi-lobed and tilting pad journal bearings	21.100.10	2020-06
ISO 50004	Energy management systems – Guidance for the implementation, maintenance and improvement of an ISO 50001 energy management system	03.100.70; 27.015	2020-06

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CISPR 16-1-4 AMD 1	Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements; Amendment 1	33.100.10; 33.100.20; 33.120.40	2020-06
CISPR 16-1-4 Edition 4.1	Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements	33.100.10; 33.100.20; 33.120.40	2020-06
IEC 60050-151 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 151: Electrical and magnetic devices; Amendment 4	01.040.29; 29.020; 29.100.01	2020-06
IEC 60050-466 AMD 1	International Electrotechnical Vocabulary (IEV) – Part 466: Overhead lines; Amendment 1	01.040.29; 29.020; 29.240.20	2020-06
IEC 60050-601 AMD 2	International Electrotechnical Vocabulary (IEV) – Part 601: Generation, transmission and distribution of electricity – General; Amendment 2	01.040.29; 29.160.40; 29.240.01	2020-06
IEC 60079-1 Interpretation Sheet 1	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures “d”; Interpretation Sheet 1	29.260.20	2020-06
IEC 60079-25	Explosive atmospheres – Part 25: Intrinsically safe electrical systems	29.260.20	2020-06
IEC 60263	Scales and sizes for plotting frequency characteristics and polar diagrams	17.140.50	2020-06
IEC 60296	Fluids for electrotechnical applications – Mineral insulating oils for electrical equipment	29.040.10	2020-06
IEC 60317-0-2	Specifications for particular types of winding wires – Part 0-2: General requirements – Enamelled rectangular copper wire	29.060.10	2020-06
IEC 60317-0-6	Specifications for particular types of winding wires – Part 0-6: General requirements – Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	29.060.10	2020-06
IEC 60317-12	Specifications for particular types of winding wires – Part 12: Polyvinyl acetal enamelled round copper wire, class 120	29.060.10	2020-06
IEC 60317-17	Specifications for particular types of winding wires – Part 17: Polyvinyl acetal enamelled rectangular copper wire, class 105	29.060.10	2020-06
IEC 60317-18	Specifications for particular types of winding wires – Part 18: Polyvinyl acetal enamelled rectangular copper wire, class 120	29.060.10	2020-06
IEC 60317-25	Specifications for particular types of winding wires – Part 25: Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire, class 200	29.060.10	2020-06
IEC 60317-27-2	Specifications for particular types of winding wires – Part 27-2: Paper tape covered round aluminium wire	29.060.10	2020-06
IEC 60317-60-1	Specifications for particular types of winding wires – Part 60-1: Polyester glass-fibre wound fused, unvarnished, bare or enamelled rectangular copper wire, temperature index 155	29.060.10	2020-06
IEC 60317-60-2	Specifications for particular types of winding wires – Part 60-2: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155	29.060.10	2020-06
IEC 60317-62	Specifications for particular types of winding wires – Part 62: Polyester glass-fibre wound, silicone resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200	29.060.10	2020-06
IEC 60317-70-1	Specifications for particular types of winding wires – Part 70-1: Polyester glass-fibre wound unvarnished and fused, bare or enamelled round copper wire, temperature index 155	29.060.10	2020-06
IEC 60317-70-2	Specifications for particular types of winding wires – Part 70-2: Polyester glass-fibre wound resin/varnish impregnated, bare or enamelled round copper wire, temperature index 155	29.060.10	2020-06
IEC 60317-82	Specifications for particular types of winding wires – Part 82: Polyesterimide enamelled rectangular copper wire, class 200	29.060.10	2020-06

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IEC 60335-2-35 AMD 2	Household and similar electrical appliances – Safety – Part 2-35: Particular requirements for instantaneous water heaters; Amendment 2	13.120; 91.140.65; 97.040.50	2020-06
IEC 60335-2-35 Edition 5.2	Household and similar electrical appliances – Safety – Part 2-35: Particular requirements for instantaneous water heaters	13.120; 91.140.65; 97.040.50	2020-06
IEC 60335-2-81 AMD 2	Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats; Amendment 2	13.120; 97.030; 97.100.10	2020-06
IEC 60335-2-81 Edition 3.2	Household and similar electrical appliances – Safety – Part 2-81: Particular requirements for foot warmers and heating mats	13.120; 97.030; 97.100.10	2020-06
IEC 60335-2-82 AMD 1	Household and similar electrical appliances – Safety – Part 2-82: Particular requirements for amusement machines and personal service machines; Amendment 1	97.180; 97.200.40; 97.200.99	2020-06
IEC 60335-2-82 Edition 3.1	Household and similar electrical appliances – Safety – Part 2-82: Particular requirements for amusement machines and personal service machines	97.180; 97.200.40; 97.200.99	2020-06
IEC 60352-4	Solderless connections – Part 4: Non-accessible insulation displacement (ID) connections – General requirements, test methods and practical guidance	29.120.20; 31.220.10	2020-06
IEC 60512-9-5	Connectors for electrical and electronic equipment – Tests and measurements – Part 9-5: Endurance tests – Test 9e: Current loading, cyclic	31.220.01; 31.220.10	2020-06
IEC 60779	Installations for electroheating and electromagnetic processing – Test methods for electrosag remelting furnaces	25.180.10	2020-06
IEC 60794-1-215	Optical fibre cables – Part 1-215: Generic specification – Basic optical cable test procedures – Environmental test methods – Cable external freezing test, Method F15	33.180.10	2020-06
IEC 60947-4-2	Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – Semiconductor motor controllers, starters and soft-starters	29.130.20	2020-06
IEC 61196-6-5	Coaxial communication cables – Part 6-5: Detail specification for Type A quad-shield CATV drop cables with screening class A++	33.120.10	2020-06
IEC/TR 61340-1 AMD 1	Electrostatics – Part 1: Electrostatic phenomena – Principles and measurements; Amendment 1	17.220.20; 17.220.99; 29.020	2020-06
IEC/TR 61340-1 Edition 1.1	Electrostatics – Part 1: Electrostatic phenomena – Principles and measurements	17.220.20; 17.220.99; 29.020	2020-06
IEC 61400-5	Wind energy generation systems – Part 5: Wind turbine blades	27.180	2020-06
IEC 61557-11	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 11: Effectiveness of residual current monitors (RCM) in TT, TN and IT systems	17.220.20; 29.080.01; 29.240.01	2020-06
IEC 61701	Photovoltaic (PV) modules – Salt mist corrosion testing	27.160	2020-06
IEC 61753-1 AMD 1	Fibre optic interconnecting devices and passive components – Performance standard – Part 1: General and guidance; Amendment 1	33.180.20	2020-06
IEC 61753-1 Edition 2.1	Fibre optic interconnecting devices and passive components – Performance standard – Part 1: General and guidance	33.180.20	2020-06
IEC 61788-26	Superconductivity – Part 26: Critical current measurement – DC critical current of RE-Ba-Cu-O composite superconductors	17.220.20; 19.080; 29.050	2020-06
IEC 61804-3	Devices and integration in enterprise systems – Function blocks (FB) for process control and electronic device description language (EDDL) – Part 3: EDDL syntax and semantics	25.040.40; 35.060; 35.240.50	2020-06
IEC 61804-4	Devices and integration in enterprise systems – Function blocks (FB) for process control and electronic device description language (EDDL) – Part 4: EDD interpretation	25.040.40; 35.060; 35.240.50	2020-06
IEC 61804-5	Devices and integration in enterprise systems – Function blocks (FB) for process control and electronic device description language (EDDL) – Part 5: EDDL Builtin library	25.040.40; 35.060; 35.240.50	2020-06

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IEC/TS 61850-1-2	Communication networks and systems for power utility automation – Part 1-2: Guidelines on extending IEC 61850	33.040.40; 33.200	2020-06
IEC 61969-3	Mechanical structures for electrical and electronic equipment – Outdoor enclosures – Part 3: Environmental requirements, tests and safety aspects	31.240	2020-06
IEC 61970-301	Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base	33.040.20; 33.200; 35.240.50	2020-06
IEC 62052-11	Electricity metering equipment – General requirements, tests and test conditions – Part 11: Metering equipment	17.220.20; 91.140.50	2020-06
IEC 62053-21	Electricity metering equipment – Particular requirements – Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)	17.220.20; 91.140.50	2020-06
IEC 62053-22	Electricity metering equipment – Particular requirements – Part 22: Static meters for AC active energy (classes 0,1 S, 0,2 S and 0,5 S)	17.220.20; 91.140.50	2020-06
IEC 62053-23	Electricity metering equipment – Particular requirements – Part 23: Static meters for reactive energy (classes 2 and 3)	17.220.20; 91.140.50	2020-06
IEC 62053-24	Electricity metering equipment – Particular requirements – Part 24: Static meters for fundamental component reactive energy (classes 0,5 S, 1 S, 1, 2 and 3)	17.220.20; 91.140.50	2020-06
IEC/TS 62257-9-8	Renewable energy and hybrid systems for rural electrification – Part 9-8: Integrated systems – Requirements for stand-alone renewable energy products with power ratings less than or equal to 350 W	27.160; 27.190	2020-06
IEC 62264-6	Enterprise-control system integration – Part 6: Messaging service model	25.040.40; 35.100.70; 35.200; 35.240.50	2020-06
IEC 62290-3 Corrigendum 1	Railway applications – Urban guided transport management and command/control systems – Part 3: System requirements specification; Corrigendum 1	03.220.30; 35.240.60; 45.060.01; RW400; RW530	2020-06
IEC 62321-3-2	Determination of certain substances in electrotechnical products – Part 3-2: Screening – Fluorine, chlorine and bromine in polymers and electronics by combustion-ion chromatography (C-IC)	13.020.01; 29.020; 43.040.10	2020-06
IEC 62321-10	Determination of certain substances in electrotechnical products – Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS)	13.020.01; 29.020; 43.040.10	2020-06
IEC 62366-1 AMD 1	Medical devices – Part 1: Application of usability engineering to medical devices; Amendment 1	11.040.01	2020-06
IEC 62366-1 Edition 1.1	Medical devices – Part 1: Application of usability engineering to medical devices	11.040.01	2020-06
IEC 62443-3-2	Security for industrial automation and control systems – Part 3-2: Security risk assessment for system design	25.040.40; 35.030; 35.240.50	2020-06
IEC 62541-7	OPC unified architecture – Part 7: Profiles	25.040.40; 35.100.05; 35.200; 35.240.50	2020-06
IEC 62541-8	OPC unified architecture – Part 8: Data access	25.040.40; 35.100.05; 35.200; 35.240.50	2020-06
IEC 62541-9	OPC unified architecture – Part 9: Alarms and Conditions	25.040.40; 35.100.05; 35.200; 35.240.50	2020-06
IEC 62541-11	OPC unified architecture – Part 11: Historical Access	25.040.40; 35.100.05; 35.200; 35.240.50	2020-06
IEC 62541-12	OPC unified architecture – Part 12: Discovery and global services	25.040.40; 35.200; 35.240.50	2020-06
IEC 62541-13	OPC Unified Architecture – Part 13: Aggregates	25.040.40; 35.100.05; 35.200; 35.240.50	2020-06
IEC/TS 62600-1	Marine energy – Wave, tidal and other water current converters – Part 1: Vocabulary	01.040.27; 27.140; 27.190	2020-06
IEC 62614-1	Fibre optics – Multimode launch conditions – Part 1: Launch condition requirements for measuring multimode attenuation	33.180.01	2020-06
IEC 62656-8	Standardized product ontology register and transfer by data parcels – Part 8: Web service interface for data parcels	01.040.01; 01.110; 35.240.50	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62714-4	Engineering data exchange format for use in industrial automation systems engineering – Automation markup language – Part 4: Logic	25.040.40; 35.060; 35.240.50	2020-06
IEC/TS 62788-5-2	Measurement procedures for materials used in photovoltaic modules – Part 5-2: Edge seals – Durability evaluation guideline	27.160	2020-06
IEC 62841-3-7	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-7: Particular requirements for transportable wall saws	25.140.20	2020-06
IEC 62899-505	Printed electronics – Part 505: Quality assessment – Flexible gas sensor – Mechanical and thermal testing	13.220.01; 13.320; 31.180	2020-06
IEC 62963	Radiation protection instrumentation – X-ray computed tomography (CT) inspection systems of bottled/canned liquids	13.280; 13.310	2020-06
IEC 63034	Microspeakers	33.160.50	2020-06
IEC 63067*CEI 63067	Electrical installations for lighting and beaconing of aerodromes – Connecting devices – General requirements and tests	29.120.30; 29.140.50; 91.140.50; 93.120	2020-06
IEC/TS 63126	Guidelines for qualifying PV modules, components and materials for operation at high temperatures	27.160	2020-06
IEC 63169	Electrical household and similar cooling and freezing appliances – Food preservation	67.040; 97.040.30	2020-06
IEC 63180	Methods of measurement and declaration of the detection range of detectors – Passive infrared detectors for major and minor motion detection	29.120.40; 97.120	2020-06
IEC 63181-2	LCD multi-screen display terminals – Part 2: Measuring methods	31.120	2020-06
IEC/TR 63292	Photovoltaic power systems (PVPSs) – Roadmap for robust reliability	27.160	2020-06
ISO/IEC TR 11801-9909	Information technology – Generic cabling systems for customer premises – Part 9909: Evaluation of balanced cabling in support of 25 Gbit/s for reach greater than 30 metres	35.200	2020-06
ISO/IEC TR 11801-9910	Information technology – Generic cabling for customer premises – Part 9910: Specifications for modular plug terminated link cabling	35.200	2020-06
ISO/IEC 14496-22 AMD 1	Information technology – Coding of audio-visual objects – Part 22: Open Font Format – Amendment 1: Color font technology and other updates	35.040.40	2020-06
ISO/IEC 15938-6	Information technology – Multimedia content description interface – Part 6: Reference software	35.040.40	2020-06
ISO/IEC 18013-2	Personal identification – ISO-compliant driving licence – Part 2: Machine-readable technologies	35.240.15	2020-06
ISO/IEC TR 19583-23	Information technology – Concepts and usage of metadata – Part 23: Data element exchange (DEX) for a subset of ISO/IEC 11179-3	35.040.50	2020-06
ISO/IEC 19757-3	Information technology – Document Schema Definition Languages (DSDL) – Part 3: Rule-based validation using Schematron	35.240.30	2020-06
ISO/IEC 21122-4	Information technology – JPEG XS low-latency lightweight image coding system – Part 4: Conformance testing	35.040.40	2020-06
ISO/IEC TR 22981	Information technology – Office equipment – Guidelines for the development of an ontology (vocabulary, components and relationships) for office equipment	35.260	2020-06
ISO/IEC 23003-3	Information technology – MPEG audio technologies – Part 3: Unified speech and audio coding	35.040.40	2020-06
ISO/IEC 23003-4	Information technology – MPEG audio technologies – Part 4: Dynamic range control	35.040.40	2020-06
ISO/IEC 23008-4	Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 4: MMT reference software	35.040.40	2020-06
ISO/IEC 23008-6	Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 6: 3D audio reference software	35.040.40	2020-06

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 23093-4	Information technology – Internet of media things – Part 4: Reference software and conformance	35.040.40	2020-06
ISO/IEC TR 23187	Information technology – Cloud computing – Interacting with cloud service partners (CSNs)	35.210	2020-06
ISO/IEC 23643	Software and systems engineering – Capabilities of software safety and security verification tools	35.080	2020-06
ISO/IEC TR 23951	Information technology – Cloud computing – Guidance for using the cloud SLA metric model	35.210	2020-06
ISO/IEC 29184	Information technology – Online privacy notices and consent	35.030	2020-06
ISO/IEC 30107-4	Information technology – Biometric presentation attack detection – Part 4: Profile for testing of mobile devices	35.240.15	2020-06
ISO/IEC 30142	Information technology – Underwater acoustic sensor network (UWASN) – Network management system overview and requirements	35.110	2020-06
ISO/IEC 30143	Information technology – Underwater acoustic sensor network (UWASN) – Application profiles	35.110	2020-06
ISO/IEC TS 33054	Information technology – Process assessment – Process reference model for service management	35.080	2020-06