

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 8, *Brodogradnja*

HRN EN 1502:2020 en pr
Plovni objekti unutarnje plovidbe – Ukrajne ljestve (EN 1502:2020)
Inland navigation vessels – Boarding stairs (EN 1502:2020)

HRN EN 17360:2020 en pr
Plovni objekti unutarnje plovidbe – Stupići i držači za nagibnu i skidivu ogradu (EN 17360:2020)
Inland navigation vessels – Stanchions and holders for tiltable and detachable railings (EN 17360:2020)

HRN EN 17361:2020 en pr
Plovni objekti unutarnje plovidbe – Vanjske skidive ljestve (EN 17361:2020)
Inland navigation vessels – Outboard ladders (EN 17361:2020)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 54-22:2020 en pr
Sustavi za otkrivanje i dojavu požara – 22. dio: Linijski detektori topline s mogućnošću promjene postavne vrijednosti (EN 54-22:2015+A1:2020)
Fire detection and fire alarm systems – Part 22: Resettable line-type heat detectors (EN 54-22:2015+A1:2020)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN 228:2017/NA:2020 hr izv
Goriva za motorna vozila – Bezolovni motorni benzin – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – Unleaded petrol – Requirements and test methods – National Annex

HRN EN 589:2018/NA:2020 hr izv
Goriva za motorna vozila – UNP – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – LPG – Requirements and test methods – National Annex

HRN EN 590:2017/NA:2020 hr izv
Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – Diesel – Requirements and test methods – National Annex

HRN EN ISO 12922:2020 en pr
Maziva, industrijska ulja i srodni proizvodi (razred L) – Podrazred H (hidraulični sustavi) – Specifikacije za hidraulične tekućine za razrede HFAE, HFAS, HFB, HFC, HFDR i HFDU (ISO 12922:2020; EN ISO 12922:2020)
Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU (ISO 12922:2020; EN ISO 12922:2020)

HRN EN ISO 13758:2003/A1:2020 en pr
Ukapljeni naftni plinovi – Procjena suhoće propana – Metoda "smrznutog" ventila (ISO 13758:1996/Amd 1:2020; EN ISO 13758:1996/A1:2020)
Liquefied petroleum gases – Assessment of the dryness of propane – Valve freeze method (ISO 13758:1996/Amd 1:2020; EN ISO 13758:1996/A1:2020)

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

HRN EN 14276-1:2020 en pr
Oprema pod tlakom za rashladne sustave i dizalice topline – 1. dio: Posude – Opći zahtjevi (EN 14276-1:2020)
Pressure equipment for refrigerating systems and heat pumps – Part 1: Vessels – General requirements (EN 14276-1:2020)

HRN EN 14276-2:2020 en pr
Oprema pod tlakom za rashladne sustave i dizalice topline – 2. dio: Cjevovodi – Opći zahtjevi (EN 14276-2:2020)
Pressure equipment for refrigerating systems and heat pumps – Part 2: Piping – General requirements (EN 14276-2:2020)

HZN/TO 92, *Zaštita od požara*

HRN EN 1363-1:2020 en pr
Ispitivanja otpornosti na požar – 1. dio: Opći zahtjevi (EN 1363-1:2020)
Fire resistance tests – Part 1: General requirements (EN 1363-1:2020)

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 17510:2020 en pr
Medicinski proizvodi – Respiratorna terapija apneje pri spavanju – Maske i pribor za postavljanje (ISO 17510:2015; EN ISO 17510:2020)
Medical devices – Sleep apnoea breathing therapy – Masks and application accessories (ISO 17510:2015; EN ISO 17510:2020)

HRN EN ISO 18562-1:2020 en pr
Vrednovanje biološke podnošljivosti dijelova za dovod respiratornog plina za primjenu u zdravstvu – 1. dio: Ocjena i ispitivanje u okviru procesa upravljanja rizicima (ISO 18562-1:2017; EN ISO 18562-1:2020)
Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 1: Evaluation and testing within a risk management process (ISO 18562-1:2017; EN ISO 18562-1:2020)

HRN EN ISO 18562-2:2020 en pr
Vrednovanje biološke podnošljivosti dijelova za dovod respiratornog plina za primjenu u zdravstvu – 2. dio: Ispitivanja emisija čestica (ISO 18562-2:2017; EN ISO 18562-2:2020)
Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 2: Tests for emissions of particulate matter (ISO 18562-2:2017; EN ISO 18562-2:2020)

HRN EN ISO 18562-3:2020 en pr
Vrednovanje biološke podnošljivosti dijelova za dovod respiratornog plina za primjenu u zdravstvu – 3. dio: Ispitivanja emisija hlapljivih organskih spojeva (ISO 18562-3:2017; EN ISO 18562-3:2020)
Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 3: Tests for emissions of volatile organic compounds (VOCs) (ISO 18562-3:2017; EN ISO 18562-3:2020)

HRN EN ISO 18562-4:2020 en pr
Vrednovanje biološke podnošljivosti dijelova za dovod respiratornog plina za primjenu u zdravstvu – 4. dio: Ispitivanja emisija ostataka ispiranja u kondenzatu (ISO 18562-4:2017; EN ISO 18562-4:2020)
Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 4: Tests for leachables in condensate (ISO 18562-4:2017; EN ISO 18562-4:2020)

HRN EN ISO 80601-2-74:2020 en pr
Medicinska električna oprema – Dio 2-74: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke ovlaživača za opremu za disanje (ISO 80601-2-74:2017; EN ISO 80601-2-74:2020)
Medical electrical equipment – Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment (ISO 80601-2-74:2017; EN ISO 80601-2-74:2020)

HZN/TO 126, *Duhan i duhanski proizvodi*

HRN ISO 15152:2004/A2:2020 en pr
Duhan – Određivanje udjela ukupnih alkaloida kao nikotina – Metoda analize kontinuiranog toka (ISO 15152:2003/Amd 2:2018)
Tobacco – Determination of the content of total alkaloids as nicotine – Continuous-flow analysis method (ISO 15152:2003/Amd 2:2018)

HZN/TO 135, Nerazorna ispitivanja

HRN EN ISO 14096-1:2020 en pr
Nerazorno ispitivanje – Kvalifikacija sustava za digitalizaciju radiograma – 1. dio: Definicije, kvantitativna mjerenja parametara kvalitete slike, standardni referentni film i kvalitativna kontrola (ISO 14096-1:2005; EN ISO 14096-1:2020)
Non-destructive testing – Qualification of radiographic film digitisation systems – Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control (ISO 14096-1:2005; EN ISO 14096-1:2020)

HRN EN ISO 14096-2:2020 en pr
Nerazorno ispitivanje – Kvalifikacija sustava za digitalizaciju radiograma – 2. dio: Minimalni zahtjevi (ISO 14096-2:2005; EN ISO 14096-2:2020)
Non-destructive testing – Qualification of radiographic film digitisation systems – Part 2: Minimum requirements (ISO 14096-2:2005; EN ISO 14096-2:2020)

HRN EN ISO 16526-1:2020 en pr
Nerazorno ispitivanje – Mjerenje i ocjenjivanje napona rendgenske cijevi – 1. dio: Metoda djelatelja napona (ISO 16526-1:2011; EN ISO 16526-1:2020)
Non-destructive testing – Measurement and evaluation of the X-ray tube voltage – Part 1: Voltage divider method (ISO 16526-1:2011; EN ISO 16526-1:2020)

HRN EN ISO 16526-2:2020 en pr
Nerazorno ispitivanje – Mjerenje i ocjenjivanje napona rendgenske cijevi – 2. dio: Metoda provjere stalnosti napona uporabom debelog filtra (ISO 16526-2:2011; EN ISO 16526-2:2020)
Non-destructive testing – Measurement and evaluation of the X-ray tube voltage – Part 2: Constancy check by the thick filter method (ISO 16526-2:2011; EN ISO 16526-2:2020)

HRN EN ISO 16526-3:2020 en pr
Nerazorno ispitivanje – Mjerenje i ocjenjivanje napona rendgenske cijevi – 3. dio: Spektrometrijska metoda (ISO 16526-3:2011; EN ISO 16526-3:2020)
Non-destructive testing – Measurement and evaluation of the X-ray tube voltage – Part 3: Spectrometric method (ISO 16526-3:2011; EN ISO 16526-3:2020)

HZN/TO 136, Namještaj

HRN EN 13150:2020 en pr
Radni stolovi za laboratorije u obrazovnim ustanovama – Dimenzije, zahtjevi za sigurnost i trajnost i metode ispitivanja (EN 13150:2020)
Workbenches for laboratories in educational institutions – Dimensions, safety and durability requirements and test methods (EN 13150:2020)

HRN EN 14988:2020 en pr
Dječje visoke stolice – Zahtjevi i metode ispitivanja (EN 14988:2017+A1:2020)
Children's high chairs – Requirements and test methods (EN 14988:2017+A1:2020)

HZN/TO 147, Kvaliteta vode

HRN EN ISO 13164-1:2020 en pr
Kvaliteta vode – Radon-222 – 1. dio: Opća načela (ISO 13164-1:2013; EN ISO 13164-1:2020)
Water quality – Radon-222 – Part 1: General principles (ISO 13164-1:2013; EN ISO 13164-1:2020)

HRN EN ISO 13164-2:2020 en pr
Kvaliteta vode – Radon-222 – 2. dio: Metoda ispitivanja s upotrebom gama spektrometrije (ISO 13164-2:2013; EN ISO 13164-2:2020)
Water quality – Radon-222 – Part 2: Test method using gamma-ray spectrometry (ISO 13164-2:2013; EN ISO 13164-2:2020)

HRN EN ISO 13164-3:2020 en pr
Kvaliteta vode – Radon-222 – 3. dio: Metoda ispitivanja s upotrebom emanometrije (ISO 13164-3:2013; EN ISO 13164-3:2020)
Water quality – Radon-222 – Part 3: Test method using emanometry (ISO 13164-3:2013; EN ISO 13164-3:2020)

HRN EN ISO 13164-4:2020 en pr
Kvaliteta vode – Radon-222 – 4. dio: Metoda ispitivanja s upotrebom dvofazne tekućinske scintilacije (ISO 13164-4:2015; EN ISO 13164-4:2020)
Water quality – Radon-222 – Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2015; EN ISO 13164-4:2020)

HRN EN ISO 13165-1:2020 en pr
Kvaliteta vode – Radij-226 – 1. dio: Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO 13165-1:2013; EN ISO 13165-1:2020)
Water quality – Radium-226 – Part 1: Test method using liquid scintillation counting (ISO 13165-1:2013; EN ISO 13165-1:2020)

HRN EN ISO 13165-2:2020 en pr
Kvaliteta vode – Radij-226 – 2. dio: Metoda ispitivanja s upotrebom emanometrije (ISO 13165-2:2014; EN ISO 13165-2:2020)
Water quality – Radium-226 – Part 2: Test method using emanometry (ISO 13165-2:2014; EN ISO 13165-2:2020)

HRN EN ISO 13165-3:2020 en pr
Kvaliteta vode – Radij-226 – 3. dio: Metoda ispitivanja s upotrebom sutaloženja i gama spektrometrije (ISO 13165-3:2016; EN ISO 13165-3:2020)
Water quality – Radium-226 – Part 3: Test method using coprecipitation and gamma-spectrometry (ISO 13165-3:2016; EN ISO 13165-3:2020)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 24157:2010/A1:2020 en pr
Oftalmološka optika i instrumenti – Izvješćavanje o optičkoj aberaciji ljudskog oka (ISO 24157:2008/Amd 1:2020; EN ISO 24157:2008/A1:2020)
Ophthalmic optics and instruments – Reporting aberrations of the human eye (ISO 24157:2008/Amd 1:2020; EN ISO 24157:2008/A1:2020)

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

HRN EN 81-20:2020 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za prijevoz osoba i tereta – 20. dio: Osobna dizala i osobna teretna dizala (EN 81-20:2020)
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 20: Passenger and goods passenger lifts (EN 81-20:2020)

HRN EN 81-50:2020 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Pregledi i ispitivanja – 50. dio: Pravila projektiranja, proračuni, pregledi i ispitivanja dijelova dizala (EN 81-50:2020)
Safety rules for the construction and installation of lifts – Examinations and tests – Part 50: Design rules, calculations, examinations and tests of lift components (EN 81-50:2020)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22476-14:2020 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 14. dio: Dinamičko penetracijsko ispitivanje u bušotini (ISO 22476-14:2020; EN ISO 22476-14:2020)
Geotechnical investigation and testing – Field testing – Part 14: Borehole dynamic probing (ISO 22476-14:2020; EN ISO 22476-14:2020)

HZN/TO 190, Kvaliteta tla

HRN EN ISO 11074:2015/A1:2020 en pr
Kvaliteta tla – Rječnik (ISO 11074:2015/Amd 1:2020; EN ISO 11074:2015/A1:2020)
Soil quality – Vocabulary (ISO 11074:2015/Amd 1:2020; EN ISO 11074:2015/A1:2020)

HZN/TO 196, Prirodni kamen

HRN EN 12370:2020 en pr
Metode ispitivanja prirodnoga kamena – Određivanje otpornosti na kristalizaciju soli (EN 12370:2020)
Natural stone test methods – Determination of resistance to salt crystallisation (EN 12370:2020)

HRN EN 15388:2020 en pr
Kameni aglomerat – Ploče i proizvodi piljeni na određenu veličinu za kozmetičke stolice i kuhinjske radne plohe (EN 15388:2020)
Agglomerated stone – Slabs and cut-to-size products for vanity and kitchen tops (EN 15388:2020)

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14006:2020 en pr
Sustav upravljanja okolišem – Smjernice za uključivanje eko-dizajna (ISO 14006:2020; EN ISO 14006:2020)
Environmental management systems – Guidelines for incorporating ecodesign (ISO 14006:2020; EN ISO 14006:2020)

HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 21404:2020 en pr
Čvrsta biogoriva – Određivanje tijeka taljenja pepela (ISO 21404:2020; EN ISO 21404:2020)
Solid biofuels – Determination of ash melting behaviour (ISO 21404:2020; EN ISO 21404:2020)

HRN EN ISO 21945:2020 en pr
Čvrsta biogoriva – Pojednostavljena metoda uzorkovanja za uporabu u domaćinstvima, manjim poslovnim prostorima i javnim zgradama (ISO 21945:2020; EN ISO 21945:2020)
Solid biofuels – Simplified sampling method for small scale applications (ISO 21945:2020; EN ISO 21945:2020)

HZN/TO 503, Metalni materijali

HRN EN ISO 439:2020 en pr
Čelik i željezni ljev – Određivanje ukupnog udjela silicija – Gravimetrijska metoda (ISO 439:2020; EN ISO 439:2020)
Steel and cast irons – Determination of silicon content – Gravimetric method (ISO 439:2020; EN ISO 439:2020)

HRN EN ISO 1 0113:2020 en pr
Metalni materijali – Lim i traka – Određivanje faktora plastične anizotropije (ISO 10113:2020; EN ISO 10113:2020)
Metallic materials – Sheet and strip – Determination of plastic strain ratio (ISO 10113:2020; EN ISO 10113:2020)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 8044:2020 en pr
Korozija metala i legura – Rječnik (ISO 8044:2020; EN ISO 8044:2020)
Corrosion of metals and alloys – Vocabulary (ISO 8044:2020; EN ISO 8044:2020)

HRN EN ISO 8289-1:2020 en pr
Staklasti i porculanski emajli – Niskonaponsko ispitivanje za otkrivanje i određivanje mjesta nepravilnosti – 1. dio: Ispitivanje neprofiliranih površina (ISO 8289-1:2020; EN ISO 8289-1:2020)
Vitreous and porcelain enamels – Low-voltage test for detecting and locating defects – Part 1: Swab test for non-profiled surfaces (ISO 8289-1:2020; EN ISO 8289-1:2020)

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

HRN EN ISO 6141:2015/A1:2020 en pr
Analiza plina – Sadržaj certifikata za plinske smjese za umjeravanje – Amandman 1: Popis usporednog upućivanja s dokumentima ISO Guide 31:2015 i ISO/IEC 17025:2017 (ISO 6141:2015/Amd 1:2020; EN ISO 6141:2015/A1:2020)
Gas analysis – Contents of certificates for calibration gas mixtures – Amendment 1: Cross reference list to ISO Guide 31:2015 and ISO/IEC 17025:2017 (ISO 6141:2015/Amd 1:2020; EN ISO 6141:2015/A1:2020)

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 16106:2020 en pr
Transportna pakiranja za opasnu robu – Ambalaža za opasnu robu, posredni spremnici za rasuta dobra i velika ambalaža – Smjernice za primjenu ISO 9001 (ISO 16106:2020; EN ISO 16106:2020)
Transport packages for dangerous goods – Dangerous goods packagings, intermediate bulk containers (IBCs) and large packagings – Guidelines for the application of ISO 9001 (ISO 16106:2020; EN ISO 16106:2020)

HZN/TO 528, Oprema za željeznice

HRN EN 13230-4:2020 en pr
Željeznički sustav – Željeznički gornji ustroj – Betonski pragovi i nosači – 4. dio: Prednapeti betonski pragovi za skretnice i križišta (EN 13230-4:2016+A1:2020)
Railway applications – Track – Concrete sleepers and bearers – Part 4: Prestressed bearers for switches and crossings (EN 13230-4:2016+A1:2020)

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

HRN EN ISO 21178:2020 en pr
Lake transportne trake – Određivanje električnih otpora (ISO 21178:2020; EN ISO 21178:2020)
Light conveyor belts – Determination of electrical resistances (ISO 21178:2020; EN ISO 21178:2020)

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-6:2020 en pr
Bitumske mješavine – Metode ispitivanja – 6. dio: Određivanje gustoće asfaltnih uzoraka (EN 12697-6:2020)
Bituminous mixtures – Test methods – Part 6: Determination of bulk density of bituminous specimens (EN 12697-6:2020)

HRN EN 12697-11:2020 en pr
Bitumske mješavine – Metode ispitivanja – 11. dio: Određivanje prionljivosti bitumena i agregata (EN 12697-11:2020)
Bituminous mixtures – Test methods – Part 11: Determination of the affinity between aggregate and bitumen (EN 12697-11:2020)

HRN EN 12697-14:2020 en pr
Bitumske mješavine – Metode ispitivanja – 14. dio: Udio vode (EN 12697-14:2020)
Bituminous mixtures – Test methods – Part 14: Water content (EN 12697-14:2020)

HRN EN 12697-19:2020 en pr
Bitumske mješavine – Metode ispitivanja – 19. dio: Propusnost uzorka (EN 12697-19:2020)
Bituminous mixtures – Test methods – Part 19: Permeability of specimen (EN 12697-19:2020)

HRN EN 12697-20:2020 en pr
Bitumske mješavine – Metode ispitivanja – 20. dio: Utiskivanje na kockama ili cilindričnim uzorcima (CY) (EN 12697-20:2020)
Bituminous mixtures – Test methods – Part 20: Indentation using cube or Marshall specimens (EN 12697-20:2020)

HRN EN 12697-21:2020 en pr
Bitumske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 21. dio: Utiskivanje na pločastim uzorcima (EN 12697-21:2020)
Bituminous mixtures – Test methods – Part 21: Indentation using plate specimens (EN 12697-21:2020)

HRN EN 12697-22:2020 en pr
Bitumske mješavine – Metode ispitivanja – 22. dio: Kolotražnje (EN 12697-22:2020)
Bituminous mixtures – Test methods – Part 22: Wheel tracking (EN 12697-22:2020)

HRN EN 12697-28:2020 en pr
Bitumske mješavine – Metode ispitivanja – 28. dio: Priprema uzoraka za određivanje udjela veziva, udjela vode i granulometrijskog sastava (EN 12697-28:2020)
Bituminous mixtures – Test methods – Part 28: Preparation of samples for determining binder content, water content and grading (EN 12697-28:2020)

HRN EN 12697-34:2020 en pr
Bitumske mješavine – Metode ispitivanja – 34. dio: Marshallovo ispitivanje (EN 12697-34:2020)
Bituminous mixtures – Test methods – Part 34: Marshall test (EN 12697-34:2020)

HRN EN 12697-39:2020 en pr
Bitumske mješavine – Metode ispitivanja – 39. dio: Određivanje udjela veziva spaljivanjem (EN 12697-39:2020)
Bituminous mixtures – Test methods – Part 39: Binder content by ignition (EN 12697-39:2020)

HRN EN 12697-40:2020 en pr
Bitumenske mješavine – Metode ispitivanja – 40. dio:
Vodopropusnost in situ (EN 12697-40:2020)
Bituminous mixtures – Test methods – Part 40: In situ
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HRN EN 12697-45:2020 en pr
Bitumenske mješavine – Metode ispitivanja – 45. dio:
Ispitivanje starenja zasićenim asfaltnim uzorcima (SATS)
(EN 12697-45:2020)
Bituminous mixtures – Test methods – Part 45: Saturation
Ageing Tensile Stiffness (SATS) conditioning test
(EN 12697-45:2020)

HRN EN 12697-46:2020 en pr
Bitumenske mješavine – Metode ispitivanja – 46. dio:
Niskotemperaturne pukotine i svojstva pri jednoosnim vlačnim
ispitivanjima (EN 12697-46:2020)
Bituminous mixtures – Test methods – Part 46: Low
temperature cracking and properties by uniaxial tension tests
(EN 12697-46:2020)

HZN/TO 534, Spremnici za teret

HRN EN 13922:2020 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za
spremnike – Sustavi za sprečavanje prepunjenosti za tekuća
goriva (EN 13922:2020)
Tanks for transport of dangerous goods – Service equipment
for tanks – Overfill prevention systems for liquid fuels
(EN 13922:2020)

HRN EN ISO 17268:2020 en pr
Priključni uređaji za punjenje gorivom terenskih vozila na
tekući vodik (ISO 17268:2020; EN ISO 17268:2020)
Gaseous hydrogen land vehicle refuelling connection devices
(ISO 17268:2020; EN ISO 17268:2020)

HZN/TO 543, Poštanske usluge

HRS CEN/TS 17073:2020 en pr
Poštanske usluge – Sučelje za prekogranične pakete
(CEN/TS 17073:2020)
Postal services – Interfaces for cross border parcels
(CEN/TS 17073:2020)

HZN/TO 551, Gradnja

HRN EN ISO 16739-1:2020 en pr
Industry Foundation Classes (IFC) za razmjenu podataka
u građevinskoj industriji i industriji upravljanja održavanjem
građevina – 1. dio: Shema podataka (ISO 16739-1:2018;
EN ISO 16739-1:2020)
Industry Foundation Classes (IFC) for data sharing in the
construction and facility management industries – Part 1:
Data schema (ISO 16739-1:2018; EN ISO 16739-1:2020)

HZN/TO 556, Osobna zaštitna oprema

HRN EN ISO 18526-4:2020 en pr
Štitnici za oči i lice – Metode ispitivanja – 4. dio: Modeli glave
(ISO 18526-4:2020; EN ISO 18526-4:2020)
Eye and face protection – Test methods – Part 4: Headforms
(ISO 18526-4:2020; EN ISO 18526-4:2020)

HZN/TO 557, Zaštitna odjeća

HRN EN 17092-2:2020 en pr
Zaštitna odjeća za vozače motocikla – 2. dio: Odjeća razreda
AAA – Zahtjevi (EN 17092-2:2020)
Protective garments for motorcycle riders – Part 2: Class AAA
garments – Requirements (EN 17092-2:2020)

HRN EN 17092-3:2020 en pr
Zaštitna odjeća za vozače motocikla – 3. dio: Odjeća razreda
AA – Zahtjevi (EN 17092-3:2020)
Protective garments for motorcycle riders – Part 3: Class AA
garments – Requirements (EN 17092-3:2020)

HRN EN 17092-4:2020 en pr
Zaštitna odjeća za vozače motocikla – 4. dio: Odjeća razreda
A – Zahtjevi (EN 17092-4:2020)
Protective garments for motorcycle riders – Part 4: Class A
garments – Requirements (EN 17092-4:2020)

HRN EN 17092-5:2020 en pr
Zaštitna odjeća za vozače motocikla – 5. dio: Odjeća razreda
B – Zahtjevi (EN 17092-5:2020)
Protective garments for motorcycle riders – Part 5: Class B
garments – Requirements (EN 17092-5:2020)

HRN EN 17092-6:2020 en pr
Zaštitna odjeća za vozače motocikla – 6. dio: Odjeća razreda
C – Zahtjevi (EN 17092-6:2020)
Protective garments for motorcycle riders – Part 6: Class C
garments – Requirements (EN 17092-6:2020)

HRN EN ISO 21420:2020 en pr
Zaštitne rukavice – Opći zahtjevi i metode ispitivanja
(ISO 21420:2020; EN ISO 21420:2020)
Protective gloves – General requirements and test methods
(ISO 21420:2020; EN ISO 21420:2020)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 3071:2020 en pr
Tekstil – Određivanje pH vodenog ekstrakta (ISO 3071:2020;
EN ISO 3071:2020)
Textiles – Determination of pH of aqueous extract
(ISO 3071:2020; EN ISO 3071:2020)

HRN EN ISO 20932-1:2020 en pr
Tekstil – Određivanje elastičnosti tekstila – 1. dio: Ispitivanje u
obliku trake (ISO 20932-1:2018; EN ISO 20932-1:2020)
Textiles – Determination of the elasticity of fabrics – Part 1:
Strip tests (ISO 20932-1:2018; EN ISO 20932-1:2020)

HRN EN ISO 20932-2:2020 en pr
Tekstil – Određivanje elastičnosti plošnih tekstila – 2. dio:
Višeosna ispitivanja (ISO 20932-2:2018; EN ISO 20932-2:2020)
Textiles – Determination of the elasticity of fabrics – Part 2:
Multiaxial tests (ISO 20932-2:2018; EN ISO 20932-2:2020)

HRN EN ISO 20932-3:2020 en pr
Tekstil – Određivanje elastičnosti plošnih tekstila – 3. dio: Uski
plošni tekstili (ISO 20932-3:2018; EN ISO 20932-3:2020)
Textiles – Determination of the elasticity of fabrics – Part 3:
Narrow fabrics (ISO 20932-3:2018; EN ISO 20932-3:2020)

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

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

HRN EN ISO 21853:2020 en pr
Vožnja zmajem (kite surfing) – Sustav otpuštanja
– Sigurnosni zahtjevi i metode ispitivanja (ISO 21853:2020;
EN ISO 21853:2020)
Kite boarding – Release system – Safety requirements and
test methods (ISO 21853:2020; EN ISO 21853:2020)

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

HRN ISO 10015:2020 en pr
Upravljanje kvalitetom – Smjernice za upravljanje
osposobljenosti i razvojem ljudi (ISO 10015:2019)
Quality management – Guidelines for competence
management and people development (ISO 10015:2019)

HZN/TO E20, Električni kabeli

HRN EN 60754-1:2014/A1:2020 en pr
Ispitivanje plinova razvijenih pri izgaranju kabelskog materijala
– 1. dio: Određivanje sadržaja plina halogene kiseline
(IEC 60754-1:2011/am1:2019; EN 60754-1:2014/A1:2020)
Test on gases evolved during combustion of materials from
cables – Part 1: Determination of the halogen acid gas content
(IEC 60754-1:2011/am1:2019; EN 60754-1:2014/A1:2020)

HRN EN 60754-2:2014/A1:2020 en pr
Ispitivanje plinova razvijenih pri izgaranju kabelskog materijala
– 2. dio: Određivanje kiselosti mjerenjem PH i vodljivosti
(IEC 60754-2:2011/am1:2019; EN 60754-2:2014/A1:2020)
Test on gases evolved during combustion of materials
from cables – Part 2: Determination of acidity (by pH
measurement) and conductivity (IEC 60754-2:2011/am1:2019;
EN 60754-2:2014/A1:2020)

HRN EN 61034-1:2007/A2:2020 en pr
Ispitivanje gustoće dima kod kabela pod definiranim uvjetima
– 1. dio: Ispitni uređaji (IEC 61034-1:2005/am2:2019;
EN 61034-1:2005/A2:2020)
Measurement of smoke density of cables burning
under defined conditions – Part 1: Test apparatus
(IEC 61034-1:2005/am2:2019; EN 61034-1:2005/A2:2020)

HRN EN 61034-2:2007/A2:2020 en pr
Ispitivanje gustoće dima kod kabela koji gore pod utvrđenim uvjetima – 2. dio: Ispitni postupci i zahtjevi (IEC 61034-2:2005/am2:2019; EN 61034-2:2005/A2:2020)
Measurement of smoke density of cables burning under defined conditions – Part 2: Test procedure and requirements (IEC 61034-2:2005/am2:2019; EN 61034-2:2005/A2:2020)

HZN/TO E22, Energetska elektronika

HRN EN 62823:2015/A1:2020 en pr
Tiristorski ventili za tiristorski upravljane serijske kondenzatore (TCSC) – Električno ispitivanje (IEC 62823:2015/am1:2019; EN 62823:2015/A1:2020)
Thyristor valves for thyristor controlled series capacitors (TCSC) – Electrical testing (IEC 62823:2015/am1:2019; EN 62823:2015/A1:2020)

HZN/TO E23, Električni instalacijski pribor

HRN EN 60669-1:2018/Ispr.2:2020 en pr
Sklopke za kućanstvo i slične fiksne električne instalacije – 1. dio: Opći zahtjevi (IEC 60669-1:2017/Corr.1:2020; EN 60669-1:2018/AC:2020)
Switches for household and similar fixed electrical installations – Part 1: General requirements (IEC 60669-1:2017/Corr.1:2020; EN 60669-1:2018/AC:2020)

HZN/TO E31, Eksplozivne atmosfere

HRN EN IEC 60079-0:2018/Ispr.1:2020 en pr
Eksplozivne atmosfere – 0. dio: Oprema – Opći zahtjevi (IEC 60079-0:2017/Corr.1:2020; EN IEC 60079-0:2018/AC:2020)
Explosive atmospheres – Part 0: Equipment – General requirements (IEC 60079-0:2017/Corr.1:2020; EN IEC 60079-0:2018/AC:2020)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60570:2009/A2:2020 en pr
Tračni sustavi električnoga napajanja za svjetiljke (IEC 60570:2003/am2:2019; EN 60570:2003/A2:2020)
Electrical supply track systems for luminaires (IEC 60570:2003/am2:2019; EN 60570:2003/A2:2020)

HZN/TO E55, Žice za namote

HRN EN IEC 60317-73:2020 en pr
Specifikacije pojedinih vrsta žica za namote – 73. dio: Profilna aluminijska žica, presvučena poliesterom ili poliesterimidom, lakirana poliamid-imidom, razreda 200 (IEC 60317-73:2018; EN IEC 60317-73:2018)
Specifications for particular types of winding wires – Part 73: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200 (IEC 60317-73:2018; EN IEC 60317-73:2018)

HRN EN IEC 60317-74:2020 en pr
Specifikacije pojedinih vrsta žica za namote – 74. dio: Profilna aluminijska žica lakirana poliesterimidom, razreda 180 (IEC 60317-74:2018; EN IEC 60317-74:2018)
Specifications for particular types of winding wires – Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180 (IEC 60317-74:2018; EN IEC 60317-74:2018)

HZN/TO E56, Pouzdanost

HRN EN IEC 61123:2020 en pr
Ispitivanje pouzdanosti – Planovi ispitivanja usklađenosti za stopu uspješnosti (IEC 61123:2019; EN IEC 61123:2020)
Reliability testing – Compliance test plans for success ratio (IEC 61123:2019; EN IEC 61123:2020)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

HRN EN 62488-2:2017/Ispr.1:2020 en pr
Sustavi za komunikaciju putem elektroenergetskih vodova za primjenu u elektroprivredi – 2. dio: Terminali za analognu visokofrekvencijsku vezu po dalekovodima (APLC) (IEC 62488-2:2017/Corr.1:2020; EN 62488-2:2017/AC:2020)
Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC (IEC 62488-2:2017/Corr.1:2020; EN 62488-2:2017/AC:2020)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-2-71:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-71: Posebni zahtjevi za grijalice za okot i uzgoj životinja (IEC 60335-2-71:2018; EN IEC 60335-2-71:2020)
Household and similar electrical appliances – Safety – Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals (IEC 60335-2-71:2018; EN IEC 60335-2-71:2020)

HRN EN 60335-2-78:2008/A11:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-78: Posebni zahtjevi za zračne roštilje za uporabu na otvorenom (EN 60335-2-78:2003/A11:2020)
Household and similar electrical appliances – Safety – Part 2-78: Particular requirements for outdoor barbecues (EN 60335-2-78:2003/A11:2020)

HRN EN 60335-2-82:2008/A2:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-82: Posebni zahtjevi za zabavne i osobne prodajne automate (IEC 60335-2-82:2002/am2:2015; EN 60335-2-82:2003/A2:2020)
Household and similar electrical appliances – Safety – Part 2-82: Particular requirements for amusement machines and personal service machines (IEC 60335-2-82:2002/am2:2015; EN 60335-2-82:2003/A2:2020)

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

HRN EN IEC 62115:2020 en pr
Električne igračke – Sigurnost (IEC 62115:2017; EN IEC 62115:2020)
Electric toys – Safety (IEC 62115:2017; EN IEC 62115:2020)

HRN EN IEC 62115:2020/A11:2020 en pr
Električne igračke – Sigurnost (EN IEC 62115:2020/A11:2020)
Electric toys – Safety (EN IEC 62115:2020/A11:2020)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

HRN EN IEC 60730-2-22:2020 en pr
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-22: Posebni zahtjevi za termičke protektore motora (IEC 60730-2-22:2014; EN IEC 60730-2-22:2020)
Automatic electrical controls for household and similar use – Part 2-22: Particular requirements for thermal motor protectors (IEC 60730-2-22:2014; EN IEC 60730-2-22:2020)

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

HRN EN 50678:2020 en pr
Opći postupak provjere učinkovitosti zaštitnih mjera na električnoj opremi nakon popravka (EN 50678:2020)
General procedure for verifying the effectiveness of the protective measures of electrical equipment after repair (EN 50678:2020)

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

HRN EN IEC 62680-1-2:2020 en pr
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-2: Opći dijelovi – Specifikacija USB-a za isporuku energije (IEC 62680-1-2:2019; EN IEC 62680-1-2:2020)
Universal serial bus interfaces for data and power – Part 1-2: Common components – USB Power Delivery specification (IEC 62680-1-2:2019; EN IEC 62680-1-2:2020)

HRN EN IEC 62942:2020 en pr
Format datoteke za profesionalni prijenos i distribuciju digitalnih audio podataka (TA6) (IEC 62942:2019; EN IEC 62942:2020)
File format for professional transfer and exchange of digital audio data (TA6) (IEC 62942:2019; EN IEC 62942:2020)

HRN EN IEC 63005-2:2020 en pr
Video snimač podataka o nezgodama na cestama – 2. dio: Metode ispitivanja za ocjenu rada osnovnih funkcija (IEC 63005-2:2019; EN IEC 63005-2:2020)
Event video data recorder for road vehicle accidents – Part 2: Test methods for evaluating the performance of basic functions (IEC 63005-2:2019; EN IEC 63005-2:2020)

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

HRN EN IEC 62368-1:2020 en pr
Oprema audio/video, informacijske i komunikacijske tehnologije – 1. dio: Zahtjevi sigurnosti (IEC 62368-1:2018; EN IEC 62368-1:2020)
Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2018; EN IEC 62368-1:2020)

HRN EN IEC 62368-1:2020/A11:2020 en pr
Oprema audio/video, informacijske i komunikacijske tehnologije – 1. dio: Zahtjevi sigurnosti (EN IEC 62368-1:2020/A11:2020)
Audio/video, information and communication technology equipment – Part 1: Safety requirements (EN IEC 62368-1:2020/A11:2020)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55011:2016/A11:2020 en pr
Industrijska, znanstvena i medicinska oprema – Značajke radiosmetnja – Granice i mjerne metode (EN 55011:2016/A11:2020)
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement (EN 55011:2016/A11:2020)

HRN EN 55014-1:2017/A11:2020 en pr
Elektromagnetska kompatibilnost – Zahtjevi za kućanske uređaje, električne alate i slične uređaje – 1. dio: Emisija (EN 55014-1:2017/A11:2020)
Electromagnetic compatibility – Requirements for household appliances; electric tools and similar apparatus – Part 1: Emission (EN 55014-1:2017/A11:2020)

HRN EN IEC 55015:2019/A11:2020 en pr
Granice i metode mjerenja značajka radiosmetnja električnih rasvjetnih i sličnih uređaja (EN IEC 55015:2019/A11:2020)
Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (EN IEC 55015:2019/A11:2020)

HRN EN 55032:2015/A11:2020 en pr
Elektromagnetska kompatibilnost multimedijске opreme – Zahtjevi za emisiju (EN 55032:2015/A11:2020)
Electromagnetic compatibility of multimedia equipment – Emission Requirements (EN 55032:2015/A11:2020)

HRN EN 61000-4-25:2008/A2:2020 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 4-25: Ispitne i mjerne tehnike – Metode ispitivanja otpornosti opreme i sustava izloženih HEMP-u (IEC 61000-4-25:2001/am2:2019; EN 61000-4-25:2002/A2:2020)
Electromagnetic compatibility (EMC) – Part 4-25: Testing and measurement techniques – HEMP immunity test methods for equipment and systems (IEC 61000-4-25:2001/am2:2019; EN 61000-4-25:2002/A2:2020)

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

HRN EN 17317:2020 en pr
Elastične, tekstilne, laminatne i modularne podne obloge s mehaničkim spajanjem – Vrijednost faktora refleksije (LRV) površine podne obloge (EN 17317:2020)
Resilient, textile, laminate and modular mechanical locked floor coverings – Light reflectance value (LRV) of a flooring surface (EN 17317:2020)

HRN EN 17368:2020 en pr
Laminatne podne obloge – Određivanje otpornosti na udar kuglicom (EN 17368:2020)
Laminate floor coverings – Determination of impact resistance with small ball (EN 17368:2020)

HRN EN ISO 22313:2020 en pr
Sigurnost i elastičnost – Sustavi upravljanja neprekidnošću poslovanja – Upute za primjenu norme ISO 22301 (ISO 22313:2020; EN ISO 22313:2020)
Security and resilience – Business continuity management systems – Guidance on the use of ISO 22301 (ISO 22313:2020; EN ISO 22313:2020)

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

HRN EN ISO 665:2020 en pr
Uljarice – Određivanje količine vode i hlapljivih tvari (ISO 665:2020; EN ISO 665:2020)
Oilseeds – Determination of moisture and volatile matter content (ISO 665:2020; EN ISO 665:2020)

HRN EN ISO 3668:2020 en pr
Boje i lakovi – Vizualna usporedba obojenja (ISO 3668:2017; EN ISO 3668:2020)
Paints and varnishes – Visual comparison of colour of paints (ISO 3668:2017; EN ISO 3668:2020)

HRN EN ISO 19396-1:2020 en pr
Boje i lakovi – Određivanje pH vrijednosti – 1. dio: pH elektrode sa staklenom membranom (ISO 19396-1:2017; EN ISO 19396-1:2020)
Paints and varnishes – Determination of pH value – Part 1: pH electrodes with glass membrane (ISO 19396-1:2017; EN ISO 19396-1:2020)

HRN EN ISO 19396-2:2020 en pr
Boje i lakovi – Određivanje pH vrijednosti – 2. dio: pH elektrode s ISFET tehnologijom (ISO 19396-2:2017; EN ISO 19396-2:2020)
Paints and varnishes – Determination of pH value – Part 2: pH electrodes with ISFET technology (ISO 19396-2:2017; EN ISO 19396-2:2020)

HRN EN ISO 19403-1:2020 en pr
Boje i lakovi – Kvašenje – 1. dio: Nazivlje i opća načela (ISO 19403-1:2017; EN ISO 19403-1:2020)
Paints and varnishes – Wettability – Part 1: Terminology and general principles (ISO 19403-1:2017; EN ISO 19403-1:2020)

HRN EN ISO 19403-2:2020 en pr
Boje i lakovi – Kvašenje – 2. dio: Određivanje slobodne površinske energije krute površine mjerenjem kontaktnog kuta (ISO 19403-2:2017; EN ISO 19403-2:2020)
Paints and varnishes – Wettability – Part 2: Determination of the surface free energy of solid surfaces by measuring the contact angle (ISO 19403-2:2017; EN ISO 19403-2:2020)

HRN EN ISO 19403-3:2020 en pr
Boje i lakovi – Kvašenje – 3. dio: Određivanje površinske napetosti tekućina metodom viseće kapi (ISO 19403-3:2017; EN ISO 19403-3:2020)
Paints and varnishes – Wettability – Part 3: Determination of the surface tension of liquids using the pendant drop method (ISO 19403-3:2017; EN ISO 19403-3:2020)

HRN EN ISO 19403-4:2020 en pr
Boje i lakovi – Kvašenje – 4. dio: Određivanje polarnih i disperzivnih udjela površinske napetosti tekućina iz međupovršinske napetosti (ISO 19403-4:2017; EN ISO 19403-4:2020)
Paints and varnishes – Wettability – Part 4: Determination of the polar and dispersive fractions of the surface tension of liquids from an interfacial tension (ISO 19403-4:2017; EN ISO 19403-4:2020)

HRN EN ISO 19403-5:2020 en pr
Boje i lakovi – Kvašenje – 5. dio: Određivanje polarnih i disperzivnih udjela površinske napetosti tekućina iz mjerenja kontaktnih kutova na krutini s čisto disperzivnim doprinosom energiji površine (ISO 19403-5:2017; EN ISO 19403-5:2020)
Paints and varnishes – Wettability – Part 5: Determination of the polar and dispersive fractions of the surface tension of liquids from contact angles measurements on a solid with only a disperse contribution to its surface energy (ISO 19403-5:2017; EN ISO 19403-5:2020)

HRN EN ISO 19403-6:2020 en pr
Boje i lakovi – Kvašenje – 6. dio: Mjerenje dinamičkog kontaktnog kuta (ISO 19403-6:2017; EN ISO 19403-6:2020)
Paints and varnishes – Wettability – Part 6: Measurement of dynamic contact angle (ISO 19403-6:2017; EN ISO 19403-6:2020)

HRN EN ISO 19403-7:2020 en pr
Boje i lakovi – Kvašenje – 7. dio: Mjerenje kontaktnog kuta na platformi na naginjanje (kut kotrljanja kapi) (ISO 19403-7:2017; EN ISO 19403-7:2020)
Paints and varnishes – Wettability – Part 7: Measurement of the contact angle on a tilt stage (roll-off angle) (ISO 19403-7:2017; EN ISO 19403-7:2020)

HZN/TU I2, *Strojstvo 2*

HRN EN ISO 18557:2020 en pr
Načela karakterizacije tla, zgrada i infrastrukture onečišćene radionuklidima za potrebe sanacije (ISO 18557:2017; EN ISO 18557:2020)
Characterisation principles for soils, buildings and infrastructures contaminated by radionuclides for remediation purposes (ISO 18557:2017; EN ISO 18557:2020)

HRN EN ISO 19226:2020 en pr
Nuklearna energija – Određivanje toka neutrona i atomskog pomaka (dpa) u posudi reaktora i unutrašnjosti (ISO 19226:2017; EN ISO 19226:2020)
Nuclear energy – Determination of neutron fluence and displacement per atom (dpa) in reactor vessel and internals (ISO 19226:2017; EN ISO 19226:2020)

HRN EN ISO 19361:2020 en pr
Mjerenje radioaktivnosti – Određivanje aktivnosti izvora beta zračenja – Metoda ispitivanja pomoću tekućinske scintilacije (ISO 19361:2017; EN ISO 19361:2020)
Measurement of radioactivity – Determination of beta emitters activities – Test method using liquid scintillation counting (ISO 19361:2017; EN ISO 19361:2020)

HRN EN ISO 19432-1:2020 en pr
Građevinski strojevi i oprema – Prijenosni ručni strojevi za rezanje i brušenje pogonjeni motorom s unutarnjim izgaranjem – 1. dio: Sigurnosni zahtjevi za rotirajuće brusne ploče strojeva za rezanje postavljene u sredini (ISO 19432-1:2020; EN ISO 19432-1:2020)
Building construction machinery and equipment – Portable, hand-held, internal combustion engine-driven abrasive cutting machines – Part 1: Safety requirements for cut-off machines for centre-mounted rotating abrasive wheels (ISO 19432-1:2020; EN ISO 19432-1:2020)

HRN EN ISO 19581:2020 en pr
Mjerenje radioaktivnosti – Radionuklidi koji emitiraju gama zračenje – Metoda brzog probira pomoću spektrometrije gama zraka i scintilacijskog detektora (ISO 19581:2017; EN ISO 19581:2020)
Measurement of radioactivity – Gamma emitting radionuclides – Rapid screening method using scintillation detector gamma-ray spectrometry (ISO 19581:2017; EN ISO 19581:2020)

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

HRN EN ISO 9997:2020 en pr
Stomatologija – Štrcaljke s ampulom (ISO 9997:2020; EN ISO 9997:2020)
Dentistry – Cartridge syringes (ISO 9997:2020; EN ISO 9997:2020)

HRN EN ISO 22570:2020 en pr
Stomatologija – Žlice i strugači za kosti (ISO 22570:2020; EN ISO 22570:2020)
Dentistry – Spoons and bone curettes (ISO 22570:2020; EN ISO 22570:2020)

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

HRN EN 1459-1:2020 en pr
Vozila za teške terene – Sigurnosni zahtjevi i verifikacija – 1. dio: Vozila s promjenjivim dometom (EN 1459-1:2017+A1:2020)
Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks (EN 1459-1:2017+A1:2020)

HRN EN 3155-018:2020 en pr
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – Dio 018: Kontakti, električni, muški, tip A, za krimpiranje, razreda S – Norma za proizvod (EN 3155-018:2020)
Aerospace series – Electrical contacts used in elements of connection – Part 018: Contacts, electrical, male, type A, crimp, class S – Product standard (EN 3155-018:2020)

HRN EN 4533-001:2020 en pr
Zrakoplovstvo – Sustavi optičkih vlakana – Priručnik – Dio 001: Metode i alati za prekidanje (EN 4533-001:2020)
Aerospace series – Fibre optic systems – Handbook – Part 001: Termination methods and tools (EN 4533-001:2020)

HZN/TU V1, *Elektronika 1*

HRN EN IEC 60794-2-50:2020 en pr
Svjetlovodni kabeli – Dio 2-50: Kabeli u zatvorenom prostoru – Specifikacija skupine za jednosmjerne i dvosmjerne kabele za uporabu u završnim sklopovima kabela (IEC 60794-2-50:2020; EN IEC 60794-2-50:2020)
Optical fibre cables – Part 2-50: Indoor cables – Family specification for simplex and duplex cables for use in terminated cable assemblies (IEC 60794-2-50:2020; EN IEC 60794-2-50:2020)

HRN EN IEC 61756-1:2020 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Norma za sučelja za sustave upravljanja optičkih vlakana – 1. dio: Općenito i upute (IEC 61756-1:2019; EN IEC 61756-1:2020)
Fibre optic interconnecting devices and passive components – Interface standard for fibre management systems – Part 1: General and guidance (IEC 61756-1:2019; EN IEC 61756-1:2020)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 45554:2020 en pr
Opće metode za procjenu mogućnosti popravka, ponovne uporabe i nadogradnje proizvoda koji koriste energiju (EN 45554:2020)
General methods for the assessment of the ability to repair, reuse and upgrade energy-related products (EN 45554:2020)

HRN EN 61810-1:2015/A1:2020 en pr
Elektromehanički osnovni releji – 1. dio: Opći i sigurnosni zahtjevi (IEC 61810-1:2015/am1:2019; EN 61810-1:2015/A1:2020)
Electromechanical elementary relays – Part 1: General and safety requirements (IEC 61810-1:2015/am1:2019; EN 61810-1:2015/A1:2020)

HRN EN IEC 62041:2020 en pr
Transformatori, izvori napajanja, prigušnice i slični proizvodi – Zahtjevi za elektromagnetsku kompatibilnost (IEC 62041:2017; EN IEC 62041:2020)
Transformers, power supplies, reactors and similar products – EMC requirements (IEC 62041:2017; EN IEC 62041:2020)

HRN EN IEC 62282-8-201:2020 en pr
Tehnologija gorivih članaka – Dio 8-201: Sustavi za pohranu energije koji koriste gorive članke u reverznom načinu rada – Postupci ispitivanja značajki sustava za pretvorbu energije (IEC 62282-8-201:2020; EN IEC 62282-8-201:2020)
Fuel cell technologies – Part 8-201: Energy storage systems using fuel cell modules in reverse mode – Test procedures for the performance of power-to-power systems (IEC 62282-8-201:2020; EN IEC 62282-8-201:2020)

HRN EN IEC 62282-8-102:2020 en pr
Fuel cell technologies – Part 8-102: Energy storage systems using fuel cell modules in reverse mode – Test procedures for the performance of single cells and stacks with proton exchange membranes, including reversible operation (IEC 62282-8-102:2019; EN IEC 62282-8-102:2020)

HRN EN IEC 63057:2020 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sigurnosni zahtjevi za sekundarne litijeve baterije za uporabu u cestovnim vozilima, osim za pogon (IEC 63057:2020; EN IEC 63057:2020)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium batteries for use in road vehicles not for the propulsion (IEC 63057:2020; EN IEC 63057:2020)

HRN EN IEC 63078:2020 en pr
Instalacije za električno grijanje i elektromagnetske procese – Metode ispitivanja za instalacije indukcijskog grijanja (IEC 63078:2019; EN IEC 63078:2020)
Installations for electroheating and electromagnetic processing – Test methods for induction through-heating installations (IEC 63078:2019; EN IEC 63078:2020)

HZN/TU Z1, *Informatika 1*

HRN EN ISO/IEC 27000:2020 en pr
Informacijska tehnologija – Sigurnosne tehnike – Sustavi upravljanja informacijskom sigurnošću – Pregled i rječnik (ISO/IEC 27000:2018; EN ISO/IEC 27000:2020)
Information technology – Security techniques – Information security management systems – Overview and vocabulary (ISO/IEC 27000:2018; EN ISO/IEC 27000:2020)

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 12625-17 en
Tissue paper and tissue products – Part 17: Determination of disintegration in water (ISO/DIS 12625-17:2020)

HZN/TO 8, *Brodogradnja*

prEN ISO 8469 en
Small craft – Non-fire-resistant fuel hoses (ISO/DIS 8469:2020)
Mala plovila – Savitljive cijevi za gorivo neotporne na vatru (ISO/DIS 8469:2020)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

prEN ISO 14557 en
Fire-fighting hoses – Rubber and plastics suction hoses and hose assemblies (ISO/DIS 14557:2020)
Vatrogasne cijevi – Gumene i plastične usisne cijevi i cijevni sklopovi (ISO/DIS 14557:2020)

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

FprEN ISO 4254-17 en
Agricultural machinery – Safety – Part 17: Root crop harvesters (ISO/FDIS 4254-17:2020)
Poljoprivredna mehanizacija – Sigurnost – 17. dio: Kombajni za korjenasto bilje (ISO/FDIS 4254-17:2020)

FprEN ISO 16122-5 en
Agricultural and forestry machines – Inspection of sprayers in use – Part 5: Aerial spray systems – Environmental protection (ISO/FDIS 16122-5:2019)
Poljoprivredna i šumarska mehanizacija – Inspekcija prskalica u upotrebi – 5. dio: Sustavi prskanja iz zraka – Zaštita okoliša (ISO/FDIS 16122-5:2019)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

prEN ISO 34101-1 en
Sustainable and traceable cocoa – Part 1: Requirements for cocoa sustainability management systems (ISO 34101-1:2019)
Održivost i sljedivost kakaa – 1. dio: Zahtjevi za sustave upravljanja održivošću kakaa (ISO 34101-1:2019)

prEN ISO 34101-2 en
Sustainable and traceable cocoa – Part 2: Requirements for performance (related to economic, social and environmental aspects) (ISO 34101-2:2019)
Održivost i sljedivost kakaa – 2. dio: Zahtjevi za rezultate (s ekonomskog, društvenog i aspekta utjecaja na okoliš) (ISO 34101-2:2019)

HZN/TO 43, *Akustika*

EN ISO 389-3:2016/prA1 en
Acoustics – Reference zero for the calibration of audiometric equipment – Part 3: Reference equivalent threshold vibratory force levels for pure tones and bone vibrators (ISO 389-3:2016/DAmD 1:2020)
Akustika – Referentna razina za umjeravanje audiometara – 3. dio: Referentne razine ekvivalentnoga praga sile za čiste tonove i koštane vibratore (ISO 389-3:2016/DAmD 1:2020)

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 18595 en
Resistance welding – Spot welding of aluminium and aluminium alloys – Weldability, welding and testing (ISO/DIS 18595:2020)
Elektrotoporno zavarivanje – Točkasto zavarivanje aluminija i aluminijevih legura – Zavarljivost, zavarivanje i ispitivanje (ISO/DIS 18595:2020)

HZN/TO 82, *Rudarstvo*

FprEN 1804-3 en
Machines for underground mines – Safety requirements for hydraulic powered roof supports – Part 3: Hydraulic and electro hydraulic control systems
Strojevi za podzemne rudnike – Sigurnosni zahtjevi za hidrauličnu samohodnu podgradu – 3. dio: Hidraulični i elektrohidraulični sustavi upravljanja

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

ISO 817:2014/Amd 1:2017 en
Refrigerants – Designation and safety classification
Radne tvari – Označavanje i klasifikacija sigurnosti

ISO 817:2014/DAmD 2 en
Refrigerants – Designation and safety classification
Radne tvari – Označavanje i klasifikacija sigurnosti

ISO 916:2020 en
Testing of refrigerating systems
Ispitivanje rashladnih sustava

HZN/TO 92, *Zaštita od požara*

prEN 1366-3 en
Fire resistance tests for service installations – Part 3: Penetration seals
Ispitivanja otpornosti servisnih instalacija na požar – 3. dio: Penetracijska brtvila

prEN 17020-4 en
Extended application of test results on durability of self-closing for doorsets and openable windows – Part 4: Durability of self-closing of fire resistance hinged and pivoted metal framed glazed doorsets and openable windows
Proširena primjena rezultata ispitivanja trajnosti samozatvaranja za vrata i prozore koji se mogu otvarati otpornih na požar i/ili s kontrolom propusnosti dima – 4. dio: Trajnost samozatvaranja na požar otpornih zaokretnih i okretnih ostakljenih vrata i prozora s metalnim okvirom koji se mogu otvarati

HZN/TO 120, *Koža i obuća*

prEN ISO 16186 en
Footwear – Critical substances potentially present in footwear and footwear components – Determination of dimethyl fumarate (DMFU) in footwear materials (ISO/DIS 16186:2020)

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

CEN/TS 1451-2:2019 en
Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure – Polypropylene (PP) – Part 2: Guidance for the assessment of conformity
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Polipropilen (PP) – 2. dio: Upute za ocjenjivanje sukladnosti

CEN/TS 1852-2:2019 en
Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene (PP) – Part 2: Guidance for the assessment of conformity
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Polipropilen (PP) – 2. dio: Upute za ocjenu sukladnosti

CEN/TS 13476-4:2019 en
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 4: Assessment of conformity
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanoga poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 4. dio: Upute za ocjenjivanje sukladnosti

- EN ISO 15875-2:2003/prA2 en
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 2: Pipes (ISO 15875-2:2003/DAMd 2:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 2. dio: Cijevi (ISO 15875-2:2003/DAMd 2:2020)
- EN ISO 15875-3:2003/prA1 en
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 3: Fittings (ISO 15875-3:2003/DAMd 1:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 3. dio: Spojnice (ISO 15875-3:2003/DAMd 1:2020)
- EN ISO 15875-5:2003/prA1 en
Plastics piping systems for hot and cold water installations – Crosslinked polyethylene (PE-X) – Part 5: Fitness for purpose of the system (ISO 15875-5:2003/DAMd 1:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Umreženi polietilen (PE-X) – 5. dio: Prikladnost sustava za uporabu (ISO 15875-5:2003/DAMd 1:2020)
- EN ISO 15876-2:2017/prA1 en
Plastics piping systems for hot and cold water installations – Polybutene (PB) – Part 2: Pipes (ISO 15876-2:2017/DAMd 1:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polibuten (PB) – 2. dio: Cijevi (ISO 15876-2:2017/DAMd 1:2020)
- EN ISO 15876-3:2017/prA1 en
Plastics piping systems for hot and cold water installations – Polybutene (PB) – Part 3: Fittings (ISO 15876-3:2017/DAMd 1:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polibuten (PB) – 3. dio: Spojnice (ISO 15876-3:2017/DAMd 1:2020)
- EN ISO 15876-5:2017/prA1 en
Plastics piping systems for hot and cold water installations – Polybutene (PB) – Part 5: Fitness for purpose of the system (ISO 15876-5:2017/DAMd 1:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polibuten (PB) – 5. dio: Prikladnost sustava za uporabu (ISO 15876-5:2017/DAMd 1:2020)
- EN ISO 15877-2:2009/prA2 en
Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 2: Pipes (ISO 15877-2:2009/DAMd 2:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Klorirani poli(vinilklorid) (PVC-C) – 2. dio: Cijevi (ISO 15877-2:2009/DAMd 2:2020)
- EN ISO 15877-5:2009/prA2 en
Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 5: Fitness for purpose of the system (ISO 15877-5:2009/DAMd 2:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Klorirani poli(vinilklorid) (PVC-C) – 5. dio: Prikladnost sustava za uporabu (ISO 15877-5:2009/DAMd 2:2020)
- EN ISO 22391-2:2009/prA1 en
Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 2: Pipes (ISO 22391-2:2009/DAMd 1:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polietileni postojani pri povišenoj temperaturi (PE-RT) – 2. dio: Cijevi (ISO 22391-2:2009/DAMd 1:2020)
- EN ISO 22391-3:2009/prA1 en
Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 3: Fittings (ISO 22391-3:2009/DAMd 1:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polietileni postojani pri povišenoj temperaturi (PE-RT) – 3. dio: Spojnice (ISO 22391-3:2009/DAMd 1:2020)
- EN ISO 22391-5:2009/prA1 en
Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 5: Fitness for purpose of the system (ISO 22391-5:2009/DAMd 1:2020)
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polietileni postojani pri povišenoj temperaturi (PE-RT) – 5. dio: Prikladnost sustava za uporabu (ISO 22391-5:2009/DAMd 1:2020)

HZN/TO 147, *Kvaliteta vode*

prEN ISO 10703 en
Water quality – Gamma-ray emitting radionuclides – Test method using gamma-ray spectrometry (ISO/DIS 10703:2020)
Kvaliteta vode – Radionuklidi koji emitiraju gama zračenje – Metoda ispitivanja s upotrebom gama spektrometrije (ISO/DIS 10703:2020)

prEN ISO 13160 en
Water quality – Strontium 90 and strontium 89 – Test methods using liquid scintillation counting or proportional counting (ISO/DIS 13160:2020)
Kvaliteta vode – Stroncij-90 i stroncij-89 – Metode ispitivanja s upotrebom tekućinske scintilacije ili proporcionalnog brojenja (ISO/DIS 13160:2020)

HZN/TO 190, *Kvaliteta tla*

prEN ISO 21365 en
Soil quality – Conceptual site models for potentially contaminated sites (ISO 21365:2019)
Kvaliteta tla – Konceptualni modeli lokacija za potencijalno onečišćene lokacije (ISO 21365:2019)

HZN/TO 215, *Medicinska informatika*

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

CEN/TS 17288:2020 en
The International Patient Summary – Guideline for European Implementation
Sažetak pacijentovih medicinskih podataka za međunarodnu razmjenu – Smjernice za provedbu na europskoj razini

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

HZN/TO 238, *Čvrsta biogoriva*

prEN ISO 17225-1 en
Solid biofuels – Fuel specifications and classes – Part 1: General requirements (ISO/DIS 17225-1:2020)
Čvrsta biogoriva – Specifikacije goriva i razredi – 1. dio: Opći zahtjevi (ISO/DIS 17225-1:2020)

prEN ISO 17225-2 en
Solid biofuels – Fuel specifications and classes – Part 2: Graded wood pellets (ISO/DIS 17225-2:2020)
Čvrsta biogoriva – Specifikacije goriva i razredi – 2. dio: Klasifikacija drvnih peleta (ISO/DIS 17225-2:2020)

prEN ISO 17225-3 en
Solid biofuels – Fuel specifications and classes – Part 3: Graded wood briquettes (ISO/DIS 17225-3:2020)
Čvrsta biogoriva – Specifikacije goriva i razredi – 3. dio: Klasifikacija drvnih briketa (ISO/DIS 17225-3:2020)

prEN ISO 17225-4 en
Solid biofuels – Fuel specifications and classes – Part 4: Graded wood chips (ISO/DIS 17225-4:2020)
Čvrsta biogoriva – Specifikacije goriva i razredi – 4. dio: Klasifikacija drvene sječke (ISO/DIS 17225-4:2020)

HZN/TO 502, *Plinski uređaji*

prEN 12067-2 en
Gas/air ratio controls for gas burners and gas burning appliances – Part 2: Electronic types
Regulator omjera plina i zraka za plinske plamenike i plinske uređaje – 2. dio: Elektronički tip

HZN/TO 503, *Metalni materijali*

prEN 13601 en
Copper and copper alloys – Copper rod, bar and wire for general electrical purposes
Bakar i legure bakra – Bakrena vučena žica, šipka i žica za opću primjenu u elektrotehnici

prEN 13603 rev en

Copper and copper alloys – Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes
Bakar i legure bakra – Metode ispitivanja za ocjenu zaštitnih kositrenih prevlaka na vučenoj okrugloj bakrenoj žici za primjenu u elektrotehnici

prEN 13605 en

Copper and copper alloys – Copper profiles and profiled wire for electrical purposes
Bakar i legure bakra – Bakreni profili i profilirana žica za primjenu u elektrotehnici

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

prEN ISO 19901-2 en

Petroleum and natural gas industries – Specific requirements for offshore structures – Part 2: Seismic design procedures and criteria (ISO/DIS 19901-2:2020)
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne konstrukcije – 2. dio: Postupci i kriteriji projektiranja konstrukcija otpornih na potrese (ISO/DIS 19901-2:2020)

HZN/TO 524, Inteligentni transportni sustavi

prEN ISO 24014-1 en

Public transport – Interoperable fare management system – Part 1: Architecture (ISO/DIS 24014-1:2020)
Javni prijevoz – Interoperabilni sustav upravljanja naplatom – 1. dio: Arhitektura (ISO/DIS 24014-1:2020)

HZN/TO 528, Oprema za željeznice

prEN 15955 en

Railway applications – Infrastructure – Demountable machines, trailers and associated equipment – General safety and technical requirements for travelling and working

HZN/TO 531, Plastika i guma

prEN ISO 1628-2 en

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

prEN ISO 6721-3 en

Plastics – Determination of dynamic mechanical properties – Part 3: Flexural vibration – Resonance-curve method (ISO/DIS 6721-3:2020)
Plastika – Određivanje dinamičkih mehaničkih svojstava – 3. dio: Savojna vibracija – Metoda rezonantne krivulje (ISO/DIS 6721-3:2020)

prEN ISO 8031 en

Rubber and plastics hoses and hose assemblies – Determination of electrical resistance and conductivity (ISO/FDIS 8031:2020)
Gumena i plastična crijeva i crijevni uređaji – Određivanje električne otpornosti i vodljivosti (ISO/FDIS 8031:2020)

CEN ISO/TR 21960:2020 en

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

HZN/TO 533, Kolničke konstrukcije

EN 12697-25:2016/prA1 en

Bituminous mixtures – Test methods – Part 25: Cyclic compression test
Bitumenske mješavine – Metode ispitivanja – 25. dio: Ciklično tlačno ispitivanje

HZN/TO 534, Spremnici za teret

prEN 17127 en

Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols
Postaje na otvorenom za punjenje plinovitim vodikom s protokolom za punjenje

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

prEN ISO 12543-2 en

Glass in building – Laminated glass and laminated safety glass – Part 2: Laminated safety glass (ISO/DIS 12543-2:2020)
Staklo u graditeljstvu – Višeslojno staklo i višeslojno sigurnosno staklo – 2. dio: Višeslojno sigurnosno staklo (ISO/DIS 12543-2:2020)

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

prEN ISO 12179 en

Geometrical product specifications (GPS) – Surface texture: Profile method – Calibration of contact (stylus) instruments (ISO/DIS 12179:2020)
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Metoda snimanja profila – Umjeravanje kontaktnih uređaja (s ticalom) (ISO/DIS 12179:2020)

prEN ISO 21920-1 en

Geometrical product specifications (GPS) – Surface texture: Profile – Part 1: Indication of surface texture (ISO/DIS 21920-1:2020)

prEN ISO 21920-2 en

Geometrical product specifications (GPS) – Surface texture: Profile – Part 2: Terms, definitions and surface texture parameters (ISO/DIS 21920-2:2020)

prEN ISO 21920-3 en

Geometrical product specifications (GPS) – Surface texture: Profile – Part 3: Specification operators (ISO/DIS 21920-3:2020)

HZN/TO 544, Strojni elementi

EN ISO 898-3:2018/prA1 en

Mechanical properties of fasteners made of carbon steel and alloy steel – Part 3: Flat washers with specified property classes (ISO 898-3:2018/DAMd 1:2020)
Mehanička svojstva spojnih elemenata izrađenih od ugljičnih i legiranih čelika – 3. dio: Ravne podložne pločice sa specificiranim razredima čvrstoće (ISO 898-3:2018/DAMd 1:2020)

EN ISO 1891-2:2014/prA1 en

Fasteners – Terminology – Part 2: Vocabulary and definitions for coatings (ISO 1891-2:2014/DAMd 1:2020)
Spojni elementi – Nazivlje – 2. dio: Terminološki rječnik i definicije za prevlake (ISO 1891-2:2014/DAMd 1:2020)

HZN/TO 551, Gradnja

prEN 17472 en

Sustainability of construction works – Sustainability assessment of civil engineering works – Calculation methods
Održivost građevina – Ocjenjivanje održivosti inženjerskih građevina – Metode proračuna

HZN/TO 555, Medicinski proizvodi

prEN ISO 10993-2 en

Biological evaluation of medical devices – Part 2: Animal welfare requirements (ISO/DIS 10993-2:2020)
Biološka procjena medicinskih proizvoda – 2. dio: Zahtjevi za životinjsku skrb (ISO/DIS 10993-2:2020)

prEN ISO 10993-10 en

Biological evaluation of medical devices – Part 10: Tests for skin sensitization (ISO/DIS 10993-10:2020)
Biološka procjena medicinskih proizvoda – 10. dio: Ispitivanja za osjetljivost kože (ISO/DIS 10993-10:2020)

prEN ISO 15223-1 en

Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements (ISO/DIS 15223-1:2020)
Medicinski proizvodi – Simboli za upotrebu u označivanju medicinskih proizvoda i informacijama uz medicinske proizvode – 1. dio: Opći zahtjevi (ISO/DIS 15223-1:2020)

HZN/TO 557, Zaštitna odjeća

prEN 17487 en

Protective clothing – Protective garments treated with permethrin for the protection against tick bites
Zaštitna odjeća – Zaštitna odjeća tretirana permetrinom za zaštitu od ugriza krpelja

HZN/TO 560, *Tekstilni proizvodi*

CEN/TS 17394-1:2020 en

Textiles and textile products – Part 1: Safety of children's clothing – Security of attachment of attached components to infants' clothing – Specification
Tekstil i tekstilni proizvodi – 1. dio: Sigurnost dječje odjeće – Sigurnost pričvršćivanja pričvršćenih komponenata na odjeću za novorođenčad – Specifikacija

CEN/TS 17394-3:2020 en

Textiles and textile products – Part 3: Safety of children's clothing – Security of attachment of metal mechanically applied press fasteners – Test method
Tekstil i tekstilni proizvodi – 3. dio: Sigurnost dječje odjeće – Sigurnost pričvršćivanja mehanički pričvršćenih metalnih kopči za pričvršćivanje – Metoda ispitivanja

CEN/TS 17394-4:2020 en

Textiles and textile products – Part 4: Safety of children's clothing – Security of attachment of components except buttons and metal mechanically applied press fasteners – Test method
Tekstil i tekstilni proizvodi – 4. dio: Sigurnost dječje odjeće – Sigurnost pričvršćivanja komponenta, osim dugmadi i mehanički pričvršćenih metalnih kopči za pričvršćivanje – Metoda ispitivanja

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

prEN ISO 407 en

Small medical gas cylinders – Pin-index yoke-type valve connections (ISO/DIS 407:2020)
Male plinske boce za uporabu u medicini – Pin-indeksni priključci ventila sa stremenom (ISO/DIS 407:2020)

prEN 12952-2 en

Water-tube boilers and auxiliary installations – Part 2: Materials for pressure parts of boilers and accessories
Vodocijevni kotlovi i pomoćne instalacije – 2. dio: Materijali za dijelove kotlova i opremu pod tlakom

prEN 12952-5 en

Water-tube boilers and auxiliary installations – Part 5: Workmanship and construction of pressure parts of the boiler
Vodocijevni kotlovi i pomoćne instalacije – 5. dio: Radionička izrada i konstrukcija dijelova kotla pod tlakom

prEN 12952-6 en

Water-tube boilers and auxiliary installations – Part 6: Inspection during construction, documentation and marking of pressure parts of the boiler
Vodocijevni kotlovi i pomoćne instalacije – 6. dio: Nadzor tijekom izrade; dokumentacija i označavanje dijelova kotla pod tlakom

prEN 12952-8 en

Water-tube boilers and auxiliary installations – Part 8: Requirements for firing systems for liquid and gaseous fuels for the boiler
Vodocijevni kotlovi i pomoćne instalacije – 8. dio: Zahtjevi za sustave loženja kotla kapljevitim i plinovitim gorivima

prEN 12952-9 en

Water-tube boilers and auxiliary installations – Part 9: Requirements for firing systems for pulverized solid fuels for the boiler
Vodocijevni kotlovi i pomoćne instalacije – 9. dio: Zahtjevi za sustave loženja kotlova praškastim gorivima

prEN 12952-10 en

Water-tube boilers and auxiliary installations – Part 10: Requirements for safety devices against excessive pressure
Vodocijevni kotlovi i pomoćne instalacije – 10. dio: Zahtjevi za zaštitu od prekoračenja dopuštenog tlaka

prEN 12952-16 en

Water-tube boilers and auxiliary installations – Part 16: Requirements for grate and fluidized-bed firing systems for solid fuels for the boiler
Vodocijevni kotlovi i pomoćne instalacije – 16. dio: Zahtjevi za kotlovske sustave izgaranja krutih goriva na rešetki i u fluidiziranom stanju

EN ISO 13088:2011/prA1 en

Gas cylinders – Acetylene cylinder bundles – Filling conditions and filling inspection (ISO 13088:2011/DAmD 1: 2020)
Plinske boce – Baterije boca za acetilen – Uvjeti punjenja i pregled pri punjenju (ISO 13088:2011/DAmD 1: 2020)

EN 13175:2019/prA1:2020 en

LPG Equipment and accessories – Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings
Oprema i pribor za UNP – Specifikacija i ispitivanje ventila i spojnice posuda pod tlakom za ukapljeni naftni plin (UNP)

HZN/TO 563, *Sigurnost strojeva*

FprEN 1673 en

Food processing machinery – Rotary rack ovens – Safety and hygiene requirements
Strojevi za preradu hrane – Rotirajuće etažne peći – Sigurnosni i higijenski zahtjevi

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

prEN 12983-1 en

Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 1: General requirements
Posuđe – Kuhinjsko posuđe za kuhanje na peći ili štednjaku – 1. dio: Opći zahtjevi

prEN 12983-2 en

Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 2: General requirements for ceramic cookware
Posuđe – Posuđe za kuhanje za upotrebu na peći, štednjaku ili grijačoj ploči – 2. dio: Opći zahtjevi za keramičko posuđe za kuhanje

HZN/TO 572, *Kruta oporabljena goriva*

prEN ISO 21645 en

Solid recovered fuels – Methods for sampling (ISO/DIS 21645:2020)
Kruta oporabljena goriva – Metode uzorkovanja (ISO/DIS 21645:2020)

prEN ISO 21912 en

Solid recovered fuels – Safe handling and storage of solid recovered fuels (ISO/DIS 21912:2020)

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

prEN ISO 11916-3 en

Soil quality – Determination of selected explosives and related compounds – Part 3: Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS) (ISO/DIS 11916-3:2020)
Kvaliteta tla – Određivanje odabranih eksploziva i srodnih spojeva – 3. dio: Metoda u kojoj se primjenjuje tekućinska kromatografija-tandemska spektrometrija masa (LC-MS/MS) (ISO/DIS 11916-3:2020)

EN ISO 23753-1:2019/prA1 en

Soil quality – Determination of dehydrogenases activity in soils – Part 1: Method using triphenyltetrazolium chloride (TTC) (ISO 23753-1:2019/DAmD 1:2020)
Kvaliteta tla – Određivanje dehidrogenazne aktivnosti u tlu – 1. dio: Metoda s trifeniltetrazol kloridom (TTC) (ISO 23753-1:2019/DAmD 1:2020)

EN ISO 23753-2:2019/prA1 en

Soil quality – Determination of dehydrogenases activity in soils – Part 2: Method using iodotetrazolium chloride (INT) (ISO 23753-2:2019/DAmD 1:2020)
Kvaliteta tla – Određivanje dehidrogenazne aktivnosti u tlu – 2. dio: Metoda sa jodtetrazol kloridom (INT) (ISO 23753-2:2019/DAmD 1:2020)

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

prEN ISO 10218-1 en

Robotics – Safety requirements for robot systems in an industrial environment – Part 1: Robots (ISO/DIS 10218-1:2020)
Robotika – Sigurnosni zahtjevi robotskih sustava u industrijskom okruženju – 1. dio: Roboti (ISO/DIS 10218-1:2020)

HZN/TO E8, *Sustavski vidovi opskrbe električnom energijom*

prEN IEC 62934:2020 en

Grid integration of renewable energy generation – Terms, definitions and symbols (IEC 62934:201X)
Integracija obnovljivih izvora energije u mrežu – Pojmovi, definicije i simboli (IEC 62934:201X)

HZN/TO E17, Sklopni i upravljački uređaji

- prEN IEC 60947-6-1:2020 en
Low-voltage switchgear and controlgear – Part 6-1: Multiple function equipment – Transfer switching equipment (IEC 60947-6-1:201X)
Niskonaponska sklopna aparatura – Dio 6-1: Višefunkcijska oprema – Sklopna oprema za automatsko prespajanje (IEC 60947-6-1:201X)
- prEN IEC 60947-9-2:2020 en
Low-voltage switchgear and controlgear – Active arc-fault mitigation systems – Part 9-2: Optical-based internal arc-detection and mitigation devices (IEC 60947-9-2:201X)
- prEN IEC 62271-200:2020 en
High-voltage switchgear and controlgear – Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-200:201X)
Visokonaponska sklopna aparatura – 200. dio: Sklopna aparatura izmjenične struje s metalnim plaštem za nazivne napone iznad 1kV do uključujući 52 kV (IEC 62271-200:201X)

HZN/TO E23, Električni instalacijski pribor

- prEN IEC 62196-6:2020 en
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 6: Dimensional compatibility requirements for DC pin and contact-tube vehicle couplers for DC EV supply equipment where protection relies on electrical separation (IEC 62196-6:201X)

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

- HD 60364-5-52:2011/prAB en
Low-voltage electrical installations – Part 5-52: Selection and erection of electrical equipment – Wiring systems
Niskonaponske električne instalacije – Dio 5-52: Odabir i ugradnja električne opreme – Sustavi razvođenja
- HD 60364-7-708:2017/prAA:2020 en
Low-voltage electrical installations – Part 7-708: Requirements for special installations or locations – Caravan parks, camping parks and similar locations
Niskonaponske električne instalacije – Dio 7-708: Zahtjevi za posebne instalacije ili prostore – Kampovi za kamp prikolice i šatore te slični prostori

HZN/TO E69, Cestovna i industrijska električna vozila

- prEN IEC 61851-23:2020 en
Electric vehicle conductive charging system – Part 23: DC electric vehicle supply equipment (IEC 61851-23:201X)
- prEN IEC 61851-24:2020 en
Electric vehicle conductive charging system – Part 24: Digital communication between a DC EV charging station and an electric vehicle for control of DC charging (IEC 61851-24:201X)
Sustav kontaktnog punjenja električnih vozila – 24. dio: Digitalna komunikacija između stanice za punjenje vozila istosmjernom strujom i električnog vozila radi upravljanja punjenjem istosmjernom strujom (IEC 61851-24:201X)

HZN/TO E79, Alarmni sustavi

- prEN 50134-5:2020 en
Alarm systems – Social alarm systems – Part 5: Interconnections and communications
Alarmni sustavi – Socijalni alarmni sustavi – 5. dio: Međupovezivanja i komunikacije
- prEN IEC 60839-11-33:2020 en
Alarm and electronic security systems – Part 11-33: Electronic access control systems – Access control configuration based on web services (IEC 60839-11-33:201X)
Alarmni i elektronički sigurnosni sustavi – Dio 11-33: Elektronički sustavi kontrole ulaska – Konfiguracija kontrole ulaska bazirane na web servisima (IEC 60839-11-33:201X)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

- EN 55011:2016/prA3:2020 {fragment 1} en
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement – Requirements for air-gap wireless power transfer (WPT) (CISPR 11:2015/A3:201X {frag 1})
Industrijska, znanstvena i medicinska oprema – Značajke radijsmetnja – Granice i metoda mjerenja – Zahtjevi za zračno propadanje (air-gap) bežičnog prijenosa snage (WPT) (CISPR 11:2015/A3:201X {frag 1})

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

- prEN ISO 3219-1 en
Rheology – Part 1: General terms and definitions for rotational and oscillatory rheometry (ISO/DIS 3219-1:2020)
Reologija – 1. dio: Opća načela i definicije za rotacijsku i oscilacijsku reometriju (ISO/DIS 3219-1:2020)
- prEN ISO/CIE 11664-2 en
Colorimetry – Part 2: CIE standard illuminants (ISO/CIE DIS 11664-2:2020)
Kolorimetrija – 2. dio: CIE standardi izvora svjetlosti (ISO/CIE DIS 11664-2:2020)
- prEN 14104 en
Fat and oil derivatives – Fatty acid methyl ester (FAME) – Determination of acid value
Derivati masti i ulja – Metilni esteri masnih kiselina – Određivanje kiselinskog broja
- prEN 16274 en
Method for Analysis of Allergens – Quantification of an extended list of 57 suspected allergens in ready to inject fragrance materials by gas chromatography mass spectrometry
Metode za analizu alergena – Određivanje količine alergena prema proširenom popisu 57 potencijalnih alergena u uzorcima mirisa spremnim za ubrizgavanje plinskom kromatografijom i spektrometrijom masa

HZN/TU I2, Strojarstvo 2

- prEN 746-2 en
Industrial thermoprocessing equipment – Part 2: Safety requirements for combustion and fuel handling systems
Oprema za toplinske postupke u industriji – 2. dio: Sigurnosni zahtjevi za sustave za izgaranje i dovod goriva

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

- prEN ISO 8536-12 en
Infusion equipment for medical use – Part 12: Check valves for single use (ISO/DIS 8536-12:2020)
Oprema za infuziju za medicinsku primjenu – 12. dio: Protupovratni ventili za jednokratnu upotrebu (ISO/DIS 8536-12:2020)
- prEN ISO 11608-1 en
Needle-based injection systems for medical use – Requirements and test methods – Part 1: Needle-based injection systems (ISO/DIS 11608-1:2020)
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 1. dio: Injekcijski sustavi s iglom (ISO/DIS 11608-1:2020)
- prEN ISO 11608-2 en
Needle-based injection systems for medical use – Requirements and test methods – Part 2: Needles (ISO/DIS 11608-2:2020)
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 2. dio: Igle (ISO/DIS 11608-2:2020)
- prEN ISO 11608-3 en
Needle-based injection systems for medical use – Requirements and test methods – Part 3: NIS containers and integrated fluid paths (ISO/DIS 11608-3:2020)
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 3. dio: Spremnici za lijek i ugrađeni dijelovi za prolaz tekućine za upotrebu s injekcijskim sustavima s iglom (ISO/DIS 11608-3:2020)

prEN ISO 11608-4 en
Needle-based injection systems for medical use – Requirements and test methods – Part 4: Needle-based injection systems containing electronics (ISO/DIS 11608-4:2020)
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 4. dio: Injekcijski sustavi s iglom koji sadrže elektroničke elemente (ISO/DIS 11608-4:2020)

prEN ISO 11608-5 en
Needle-based injection systems for medical use – Requirements and test methods – Part 5: Automated functions (ISO/DIS 11608-5:2020)
Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 5. dio: Automatske funkcije (ISO/DIS 11608-5:2020)

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

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

EN 4855-02:2020 en
Aerospace series – ECO efficiency of catering equipment – Part 02: Oven equipment

EN 4855-03:2020 en
Aerospace series – ECO efficiency of catering equipment – Part 03: Chilling equipment

EN 4855-04:2020 en
Aerospace series – ECO efficiency of catering equipment – Part 04: Beverage makers

HZN/TU V1, *Elektronika 1*

prEN IEC 61188-6-1:2020 en
Circuit boards and circuit board assemblies – Design and use – Part 6-1: Land pattern design – Generic requirements for land pattern on circuit boards (IEC 61188-6-1:201X)

prEN IEC 61188-6-2:2020 en
Circuit boards and circuit board assemblies – Design and use – Part 6-2: Land pattern design – Description of land pattern for the most common surface mounted components (SMD) (IEC 61188-6-2:201X)

prEN IEC 62037-1:2020 en
Passive RF and microwave devices, intermodulation level measurement – Part 1: General requirements and measuring methods (IEC 62037-1:202X)

prEN IEC 62037-2:2020 en
Passive RF and microwave devices, intermodulation level measurement – Part 2: Measurement of passive intermodulation in coaxial cable assemblies (IEC 62037-2:202X)

prEN IEC 62037-3:2020 en
Passive RF and microwave devices, intermodulation level measurement – Part 3: Measurement of passive intermodulation in coaxial connectors (IEC 62037-3:202X)

prEN IEC 62037-5:2020 en
Passive RF and microwave devices, intermodulation level measurement – Part 5: Measurement of passive intermodulation in filters (IEC 62037-5:202X)

prEN IEC 62037-6:2020 en
Passive RF and microwave devices, intermodulation level measurement – Part 6: Measurement of passive intermodulation in antennas (IEC 62037-6:202X)

prEN IEC 63182-2:2020 en
Magnetic powder cores – Guidelines on dimensions and the limits of surface irregularities – Part 2: Ring-cores (IEC 63182-2:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

prEN IEC 62619:2020 en
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications (IEC 62619:201X)
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sigurnosni zahtjevi za sekundarne litijeve članke i baterije velikog formata za primjenu u industriji (IEC 62619:201X)

prEN IEC 63218:2020 en
Secondary cells and batteries containing alkaline and other non-acid electrolyte – Secondary Lithium ion, Nickel Cadmium, and Nickel Metal Hydride cells and batteries for portable applications – Guidance on environmental aspects (IEC 63218:201X)

HZN/TU Z1, *Informatika 1*

prEN ISO/IEC 29100 en
Information technology – Security techniques – Privacy framework (ISO/IEC 29100:2011, including Amd 1:2018)

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, nalog) 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 8, *Brodogradnja*

HRN EN 1502:2001 en
Brođovi unutrašnje plovidbe – Ljestve za ukrcaj (EN 1502:1995)
Inland navigation vessels – Boarding ladders (EN 1502:1995)
- zamijenjena s: HRN EN 1502:2020

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 54-22:2015 en
Sustavi za otkrivanje i dojavu požara – 22. dio: Linijski detektori topline s mogućnošću promjene postavne vrijednosti (EN 54-22:2015)
Fire detection and fire alarm system – Part 22: Resettable line-type heat detectors (EN 54-22:2015)
- zamijenjena s: HRN EN 54-22:2020

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 12922:2013 en
Maziva, industrijska ulja i srodni proizvodi (razred L) – Podrazred H (hidraulični sustavi) – Specifikacije za hidraulične tekućine za razrede HFAE, HFAS, HFB, HFC, HFDR i HFDU (ISO 12922:2012; EN ISO 12922:2012)
Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU (ISO 12922:2012; EN ISO 12922:2012)
- zamijenjena s: HRN EN ISO 12922:2020

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

HRN EN 14276-1:2011 en
Tlačna oprema za rashladne sustave i dizalice topline – 1. dio: Posude – Opći zahtjevi (EN 14276-1:2006+A1:2011)
Pressure equipment for refrigerating systems and heat pumps – Part 1: Vessels – General requirements (EN 14276-1:2006+A1:2011)
- zamijenjena s: HRN EN 14276-1:2020

HRN EN 14276-2:2011 en
Tlačna oprema za rashladne sustave i dizalice topline – 2. dio: Cjevovodi – Opći zahtjevi (EN 14276-2:2007+A1:2011)
Pressure equipment for refrigerating systems and heat pumps – Part 2: Piping – General requirements (EN 14276-2:2007+A1:2011)
- zamijenjena s: HRN EN 14276-2:2020

HZN/TO 92, *Zaštita od požara*

HRN EN 1363-1:2012 en
Ispitivanja otpornosti na požar – 1. dio: Opći zahtjevi
(EN 1363-1:2012)
Fire resistance tests – Part 1: General Requirements
(EN 1363-1:2012)
- zamijenjena s: HRN EN 1363-1:2020

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 8185:2010 en
Ovlaživači respiracijskog trakta za medicinsku uporabu
– Posebni zahtjevi za sustav respiracijskog ovlaživanja
(ISO 8185:2007; EN ISO 8185:2009)
Respiratory tract humidifiers for medical use – Particular
requirements for respiratory humidification systems
(ISO 8185:2007; EN ISO 8185:2009)
- zamijenjena s: HRN EN ISO 80601-2-74:2020

HRN EN ISO 17510-2:2010 en
Respiratorna terapija apneje pri spavanju – 2. dio:
Maske i primjena dodatnog pribora (ISO 17510-2:2007;
EN ISO 17510-2:2009)
Sleep apnoea breathing therapy – Part 2: Masks and application
accessories (ISO 17510-2:2007; EN ISO 17510-2:2009)
- zamijenjena s: HRN EN ISO 17510:2020

HZN/TO 135, *Nerazorna ispitivanja*

HRN EN 12544-1:2007 en
Nerazorno ispitivanje – Mjerenje i ocjena napona rendgenske
cijevi – 1. dio: Metoda djelitelja napona (EN 12544-1:1999)
Non-destructive testing – Measurement and evaluation of
the X-ray tube voltage – Part 1: Voltage divider method
(EN 12544-1:1999)
- zamijenjena s: HRN EN ISO 16526-1:2020

HRN EN 12544-2:2007 en
Nerazorno ispitivanje – Mjerenje i ocjena napona rendgenske
cijevi – 2. dio: Metoda provjere stalnosti napona uporabom
debelog filtra (EN 12544-2:2000)
Non-destructive testing – Measurement and evaluation of the
X-ray tube voltage – Part 2: Constancy check by the thick filter
method (EN 12544-2:2000)
- zamijenjena s: HRN EN ISO 16526-1:2020,
HRN EN ISO 16526-2:2020

HRN EN 12544-3:2007 en
Nerazorno ispitivanje – Mjerenje i ocjena napona rendgenske
cijevi – 3. dio: Spektrometrijska metoda (EN 12544-3:1999)
Non-destructive testing – Measurement and evaluation of
the X-ray tube voltage – Part 3: Spectrometric method
(EN 12544-3:1999)
- zamijenjena s: HRN EN ISO 16526-1:2020,
HRN EN ISO 16526-3:2020

HRN EN 14096-1:2003 en
Nerazorno ispitivanje – Kvalifikacija sustava za digitalizaciju
radiografskog filma – 1. dio: Definicije, kvantitativna mjerenja
parametara kvalitete slike, standardni referentni film i
kvalitativna kontrola (EN 14096-1:2003)
Non-destructive testing – Qualification of radiographic
film digitisation systems – Part 1: Definitions, quantitative
measurements of image quality parameters, standard
reference film and qualitative control (EN 14096-1:2003)
- zamijenjena s: HRN EN ISO 14096-1:2020

HRN EN 14096-2:2003 en
Nerazorno ispitivanje – Kvalifikacija sustava za
digitalizaciju radiografskog filma – 2. dio: Minimalni zahtjevi
(EN 14096-2:2003)
Non-destructive testing – Qualification of radiographic
film digitisation systems – Part 2: Minimum requirements
(EN 14096-2:2003)
- zamijenjena s: HRN EN ISO 14096-2:2020

HZN/TO 136, *Namještaj*

HRN EN 13150:2003 en
Radni stolovi za laboratorije – Dimenzije, sigurnosni zahtjevi i
metode ispitivanja (EN 13150:2001)
Workbenches for laboratories – Dimensions, safety
requirements and test methods (EN 13150:2001)
- zamijenjena s: HRN EN 13150:2020

HRN EN 14988:2017 en
Dječje visoke stolice – Zahtjevi i metode ispitivanja
(EN 14988:2017)
Children's high chairs – Requirements and test methods
(EN 14988:2017)
- zamijenjena s: HRN EN 14988:2020

HZN/TO 147/PO 2, *Kvaliteta vode; Fizikalno-kemijske metode ispitivanja*

HRN ISO 13164-1:2014 en
Kvaliteta vode – Radon-222 – 1. dio: Opća načela
(ISO 13164-1:2013)
Water quality – Radon-222 – Part 1: General principles
(ISO 13164-1:2013)
- zamijenjena s: HRN EN ISO 13164-1:2020

HRN ISO 13164-2:2014 en
Kvaliteta vode – Radon-222 – 2. dio: Metoda ispitivanja s
upotrebom gama-spektrometrije (ISO 13164-2:2013)
Water quality – Radon-222 – Part 2: Test method using
gamma-ray spectrometry (ISO 13164-2:2013)
- zamijenjena s: HRN EN ISO 13164-2:2020

HRN ISO 13164-3:2014 en
Kvaliteta vode – Radon-222 – 3. dio: Metoda ispitivanja s
upotrebom emanometrije (ISO 13164-3:2013)
Water quality – Radon-222 – Part 3: Test method using
emanometry (ISO 13164-3:2013)
- zamijenjena s: HRN EN ISO 13164-3:2020

HRN ISO 13165-1:2014 en
Kvaliteta vode – Radij-226 – 1. dio: Metoda ispitivanja s
upotrebom tekućinske scintilacije (ISO 13165-1:2013)
Water quality – Radium-226 – Part 1: Test method using liquid
scintillation counting (ISO 13165-1:2013)
- zamijenjena s: HRN EN ISO 13165-1:2020

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

HRN EN 81-20:2014 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala
za prijevoz osoba i tereta – 20. dio: Osobna dizala i teretno
osobna dizala (EN 81-20:2014)
Safety rules for the construction and installation of lifts – Lifts
for the transport of persons and goods – Part 20: Passenger
and goods passenger lifts (EN 81-20:2014)
- zamijenjena s: HRN EN 81-20:2020

HRN EN 81-50:2014 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Pregledi i
ispitivanja dijelova dizala – 50. dio: Pravila projektiranja, proračuni, pregledi i
ispitivanja dijelova dizala (EN 81-50:2014)
Safety rules for the construction and installation of lifts
– Examinations and tests – Part 50: Design rules, calculations,
examinations and tests of lift components (EN 81-50:2014)
- zamijenjena s: HRN EN 81-50:2020

HZN/TO 196, *Prirodni kamen*

HRN EN 12370:1999 en
Metode ispitivanja prirodnoga kamena – Određivanje
otpornosti na kristalizaciju soli (EN 12370:1999)
Natural stones test methods – Determination of resistance to
salt crystallisation (EN 12370:1999)
- zamijenjena s: HRN EN 12370:2020

HRN EN 15388:2008 en
Kameni aglomerat – Ploče i proizvodi piljeni na određenu
veličinu za kozmetičke stolice i kuhinjske radne plohe
(EN 15388:2008)
Agglomerated stone – Slabs and cut-to-size products for
vanity and kitchen tops (EN 15388:2008)
- zamijenjena s: HRN EN 15388:2020

HZN/TO 207, *Upravljanje okolišem*

HRN EN ISO 14006:2012 en
Sustav upravljanja okolišem – Smjernice za uključivanje
eko-dizajna (ISO 14006:2011; EN ISO 14006:2011)
Environmental management systems – Guidelines for
incorporating ecodesign (ISO 14006:2011; EN ISO 14006:2011)
- zamijenjena s: HRN EN ISO 14006:2020

HZN/TO 503, Metalni materijali

HRN EN ISO 439:2011 en
Čelik i željezni lijev – Određivanje ukupnog udjela silicija – Gravimetrijska metoda (ISO 439:1994; EN ISO 439:2010)
Steel and iron – Determination of total silicon content – Gravimetric method (ISO 439:1994; EN ISO 439:2010)
- zamijenjena s: HRN EN ISO 439:2020

HRN EN ISO 10113:2014 en
Metalni materijali – Lim i traka – Određivanje faktora plastične anizotropije (ISO 10113:2006, ispravljena verzija 2007-08-01; EN ISO 10113:2014)
Metallic materials – Sheet and strip – Determination of plastic strain ratio (ISO 10113:2006, Corrected version 2007-08-01; EN ISO 10113:2014)
- zamijenjena s: HRN EN ISO 10113:2020

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 8044:2015 en
Korozija i zaštita metala i legura – Osnovni nazivi i definicije (ISO 8044:2015; EN ISO 8044:2015)
Corrosion of metals and alloys – Basic terms and definitions (ISO 8044:2015; EN ISO 8044:2015)
- zamijenjena s: HRN EN ISO 8044:2020

HRN EN ISO 8289:2007 en
Staklasti i porculanski emajli – Niskonaponsko ispitivanje za otkrivanje i određivanje mjesta nepravilnosti (ISO 8289:2000; EN ISO 8289:2001)
Vitreous and porcelain enamels – Low voltage test for detecting and locating defects (ISO 8289:2000; EN ISO 8289:2001)
- zamijenjena s: HRN EN ISO 8289-1:2020

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 16106:2007 en
Ambalaža – Transportna pakiranja za opasnu robu – Ambalaža za opasnu robu, posredni spremnici za rasuta dobra i velika ambalaža – Smjernice za primjenu ISO 9001 (ISO 16106:2006; EN ISO 16106:2006)
Packaging – Transport packages for dangerous goods – Dangerous goods packagings, intermediate bulk containers (IBCs) and large packagings – Guidelines for the application of ISO 9001 (ISO 16106:2006; EN ISO 16106:2006)
- zamijenjena s: HRN EN ISO 16106:2020

HZN/TO 528, Oprema za željeznice

HRN EN 13230-4:2016 en
Željeznički sustav – Željeznički gornji ustroj – Betonski pragovi i nosači – 4. dio: Prednapeti betonski pragovi za skretnice i križišta (EN 13230-4:2016)
Railway applications – Track – Concrete sleepers and bearers – Part 4: Prestressed bearers for switches and crossings (EN 13230-4:2016)
- zamijenjena s: HRN EN 13230-4:2020

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

HRN EN ISO 21178:2013 en
Light conveyor belts – Determination of electrical resistances (ISO 21178:2013; EN ISO 21178:2013)
- zamijenjena s: HRN EN ISO 21178:2020

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-6:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 6. dio: Određivanje gustoće asfaltnih uzoraka (EN 12697-6:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 6: Determination of bulk density of bituminous specimens (EN 12697-6:2012)
- zamijenjena s: HRN EN 12697-6:2020

HRN EN 12697-11:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 11. dio: Određivanje prionljivosti bitumena i agregata (EN 12697-11:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 11: Determination of the affinity between aggregate and bitumen (EN 12697-11:2012)
- zamijenjena s: HRN EN 12697-11:2020

HRN EN 12697-14:2003 en
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 14. dio: Udio vode (EN 12697-14:2000+AC:2001)
Bituminous mixtures – Test methods for hot mix asphalt – Part 14: Water content (EN 12697-14:2000+AC:2001)
- zamijenjena s: HRN EN 12697-14:2020

HRN EN 12697-19:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 19. dio: Propusnost uzorka (EN 12697-19:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 19: Permeability of specimen (EN 12697-19:2012)
- zamijenjena s: HRN EN 12697-19:2020

HRN EN 12697-20:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 20. dio: Utiskivanje na kockama ili cilindričnim uzorcima (CY) (EN 12697-20:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 20: Indentation using cube or cylindrical specimens (CY) (EN 12697-20:2012)
- zamijenjena s: HRN EN 12697-20:2020

HRN EN 12697-21:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 21. dio: Utiskivanje na pločastim uzorcima (EN 12697-21:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 21: Indentation using plate specimens (EN 12697-21:2012)
- zamijenjena s: HRN EN 12697-21:2020

HRN EN 12697-22:2008 en
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 22. dio: Kolotraženje (EN 12697-22:2003+A1:2007)
Bituminous mixtures – Test methods for hot mix asphalt – Part 22: Wheel tracking (EN 12697-22:2003+A1:2007)
- zamijenjena s: HRN EN 12697-22:2020

HRN EN 12697-28:2003 en
Bitumenske mješavine – Ispitne metode za asfalt proizveden vrućim postupkom – 28. dio: Priprema uzoraka za određivanje udjela veziva, udjela vode i granulometrijskog sastava (EN 12697-28:2000)
Bituminous mixtures – Test methods for hot mix asphalt – Part 28: Preparation of samples for determining binder content, water content and grading (EN 12697-28:2000)
- zamijenjena s: HRN EN 12697-28:2020

HRN EN 12697-34:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 34. dio: Marshallovo ispitivanje (EN 12697-34:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 34: Marshall test (EN 12697-34:2012)
- zamijenjena s: HRN EN 12697-34:2020

HRN EN 12697-39:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 39. dio: Određivanje udjela veziva spaljivanjem (EN 12697-39:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 39: Binder content by ignition (EN 12697-39:2012)
- zamijenjena s: HRN EN 12697-39:2020

HRN EN 12697-40:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 40. dio: Vodopropusnost in situ (EN 12697-40:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 40: In situ drainability (EN 12697-40:2012)
- zamijenjena s: HRN EN 12697-40:2020

HRN EN 12697-45:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 45. dio: Ispitivanje starenja zasićenim asfaltnim uzorcima (SATS) (EN 12697-45:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 45: Saturation Ageing Tensile Stiffness (SATS) conditioning test (EN 12697-45:2012)
- zamijenjena s: HRN EN 12697-45:2020

HRN EN 12697-46:2012 en
Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 46. dio: Niskotemperaturne pukotine i svojstva pri jednoosnim vlačnim ispitivanjima (EN 12697-46:2012)
Bituminous mixtures – Test methods for hot mix asphalt – Part 46: Low temperature cracking and properties by uniaxial tension tests (EN 12697-46:2012)
- zamijenjena s: HRN EN 12697-46:2020

HZN/TO 534, Spremnici za teret

HRN EN 13922:2012 en
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Sustavi za sprečavanje prepunjenosti za tekuća goriva (EN 13922:2011)
Tanks for transport of dangerous goods – Service equipment for tanks – Overfill prevention systems for liquid fuels (EN 13922:2011)
- zamijenjena s: HRN EN 13922:2020

HRN EN ISO 17268:2016 en
Priključni uređaji za punjenje gorivom terenskih vozila na tekući vodik (ISO 17268:2012; EN ISO 17268:2016)
Gaseous hydrogen land vehicle refuelling connection devices (ISO 17268:2012; EN ISO 17268:2016)
- zamijenjena s: HRN EN ISO 17268:2020

HZN/TO 557, Zaštitna odjeća

HRN EN 420:2011 hr-en
Zaštitne rukavice – Opći zahtjevi i metode ispitivanja (EN 420:2003+A1:2009)
Protective gloves – General requirements and test methods (EN 420:2003+A1:2009)
- zamijenjena s: HRN EN ISO 21420:2020

HRN EN 13595-1:2003 en
Zaštitna odjeća za profesionalne vozače motocikla – Jakne, hlače i jednodijelna ili višedijelna odijela – 1. dio: Opći zahtjevi (EN 13595-1:2002)
Protective clothing for professional motorcycle riders – Jackets, trousers and one piece or divided suits – Part 1: General requirements (EN 13595-1:2002)
- zamijenjena s: HRN EN 17092-2:2020, HRN EN 17092-3:2020, HRN EN 17092-4:2020, HRN EN 17092-5:2020, HRN EN 17092-6:2020

HRN EN 13595-2:2003 en
Zaštitna odjeća za profesionalne vozače motocikla – Jakne, hlače i jednodijelna ili višedijelna odijela – 2. dio: Ispitna metoda za određivanje otpornosti na udarnu abraziju (EN 13595-2:2002)
Protective clothing for professional motorcycle riders – Jackets, trousers and one-piece or divided suits – Part 2: Test method for determination of impact abrasion resistance (EN 13595-2:2002)
- zamijenjena s: HRN EN 17092-2:2020, HRN EN 17092-3:2020, HRN EN 17092-4:2020, HRN EN 17092-5:2020, HRN EN 17092-6:2020

HRN EN 13595-3:2003 en
Zaštitna odjeća za profesionalne vozače motocikla – Jakne, hlače i jednodijelna ili višedijelna odijela – 3. dio: Ispitna metoda za određivanje čvrstoće prsnuča (EN 13595-3:2002)
Protective clothing for professional motorcycle riders – Jackets, trousers and one-piece or divided suits – Part 3: Test method for determination of burst strength (EN 13595-3:2002)
- zamijenjena s: HRN EN 17092-2:2020, HRN EN 17092-3:2020, HRN EN 17092-4:2020, HRN EN 17092-5:2020, HRN EN 17092-6:2020

HRN EN 13595-4:2003 en
Zaštitna odjeća za profesionalne vozače motocikla – Jakne, hlače i jednodijelna ili višedijelna odijela – 4. dio: Ispitna metoda za određivanje otpornosti na udarno presijecanje (EN 13595-4:2002)
Protective clothing for professional motorcycle riders – Jackets, trousers and one-piece or divided suits – Part 4: Test method for determination of impact cut resistance (EN 13595-4:2002)
- zamijenjena s: HRN EN 17092-2:2020, HRN EN 17092-3:2020, HRN EN 17092-4:2020, HRN EN 17092-5:2020, HRN EN 17092-6:2020

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 3071:2008 en
Tekstilije – Određivanje pH vodenog ekstrakta (ISO 3071:2005; EN ISO 3071:2006)
Textiles – Determination of pH of aqueous extract (ISO 3071:2005; EN ISO 3071:2006)
- zamijenjena s: HRN EN ISO 3071:2020

HRN EN 14704-1:2008 en
Određivanje elastičnosti tekstila – 1. dio: Ispitivanje u obliku trake (EN 14704-1:2005)
Determination of the elasticity of fabrics – Part 1: Strip tests (EN 14704-1:2005)
- zamijenjena s: HRN EN ISO 20932-1:2020

HRN EN 14704-2:2008 en
Određivanje elastičnosti plošnih tekstila – 2. dio: Višeosna ispitivanja (EN 14704-2:2007)
Determination of the elasticity of fabrics – Part 2: Multiaxial tests (EN 14704-2:2007)
- zamijenjena s: HRN EN ISO 20932-2:2020

HRN EN 14704-3:2008 en
Određivanje elastičnosti plošnih tekstila – 3. dio: Uski plošni tekstili (EN 14704-3:2006)
Determination of the elasticity of fabrics – Part 3: Narrow fabrics (EN 14704-3:2006)
- zamijenjena s: HRN EN ISO 20932-3:2020

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

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

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

HRN ISO 10015:2002 en
Upravljanje kvalitetom – Smjernice za izobrazbu (ISO 10015:1999)
Quality management – Guidelines for training (ISO 10015:1999)
- zamijenjena s: HRN ISO 10015:2020

HZN/TO E36, Izolatori

HRN EN 50180:2014 en
Provodni izolatori iznad 1 kV do 52 kV i od 250 A do 3,15 kA za transformatore punjene tekućinom (EN 50180:2010)
Bushings above 1 kV up to 52 kV and from 250 A to 3,15 kA for liquid filled transformers (EN 50180:2010)
- zamijenjena s: HRN EN 50180-1:2015

HRN EN 61466-1:2008 en
Kompozitni lančasti izolatori za nadzemne vodove nazivnog napona većeg od 1 kV – 1. dio: Standardne podnosive klase i spojnice (IEC 61466-1:1997; EN 61466-1:1997)
Composite string insulator units for overhead lines with a nominal voltage greater than 1 kV – Part 1: Standard strength classes and end fittings (IEC 61466-1:1997; EN 61466-1:1997)
- zamijenjena s: HRN EN 61466-1:2016

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

HRN EN ISO 22313:2015 en
Društvena sigurnost – Sustav upravljanja neprekidnim poslovanjem – Upute (ISO 22313:2012; EN ISO 22313:2014)
Societal security – Business continuity management systems – Guidance (ISO 22313:2012; EN ISO 22313:2014)
- zamijenjena s: HRN EN ISO 22313:2020

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

HRN EN ISO 665:2004 en
Uljarice – Određivanje količine vode i hlapljivih tvari (ISO 665:2000; EN ISO 665:2000)
Oilseeds – Determination of moisture and volatile matter content (ISO 665:2000; EN ISO 665:2000)
- zamijenjena s: HRN EN ISO 665:2020

HRN EN ISO 3668:2002 en
Boje i lakovi – Vizualna usporedba obojenja (ISO 3668:1998; EN ISO 3668:2001)
Paints and varnishes – Visual comparison of the colour of paints (ISO 3668:1998; EN ISO 3668:2001)
- zamijenjena s: HRN EN ISO 3668:2020

HZN/TU I2, *Strojarstvo 2*

HRN EN ISO 19432:2013 en
Strojevi i oprema za gradnju zgrada – Prijenosni, ručni rezni strojevi pokretani motorima s unutrašnjim izgaranjem – Sigurnosni zahtjevi (ISO 19432:2012; EN ISO 19432:2012)
Building construction machinery and equipment – Portable, hand-held, internal combustion engine driven cut-off machines – Safety requirements (ISO 19432:2012; EN ISO 19432:2012)
- zamijenjena s: HRN EN ISO 19432-1:2020

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

HRN EN ISO 9997:2008 en
Stomatološke šprice s ampulom (ISO 9997:1999; EN ISO 9997:1999)
Dental cartridge syringes (ISO 9997:1999; EN ISO 9997:1999)
- zamijenjena s: HRN EN ISO 9997:2020

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

HRN EN 1459-1:2017 en
Vozila za teške terene – Sigurnosni zahtjevi i verifikacija – 1. dio: Vozila s promjenjivim dometom (EN 1459-1:2017)
Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks (EN 1459-1:2017)
- zamijenjena s: HRN EN 1459-1:2020

HRN EN 3155-018:2008 en
Nizovi o zrakoplovstvu – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – 018. dio: Kontakti, električni, muški, tip A, za krimpovanje, razreda S – Norma za proizvod (EN 3155-018:2005)
Aerospace series – Electrical contacts used in elements of connection – Part 018: Contacts, electrical, male, type A, crimp, class S – Product standard (EN 3155-018:2005)
- zamijenjena s: HRN EN 3155-018:2020

HRN EN 4533-001:2008 en
Nizovi o zrakoplovstvu – Sustavi optičkih vlakana – Priručnik – 001. dio: Metode i alati za prekidanje (EN 4533-001:2006)
Aerospace series – Fibre optic systems – Handbook – Part 001: Termination methods and tools (EN 4533-001:2006)
- bez zamjene

HZN/TU Z1, *Informatika 1*

HRN EN ISO/IEC 27000:2017 en
Informacijska tehnologija – Sigurnosne tehnike – Sustavi upravljanja informacijskom sigurnošću – Pregled i rječnik (ISO/IEC 27000:2016; EN ISO/IEC 27000:2017)
Information technology – Security techniques – Information security management systems – Overview and vocabulary (ISO/IEC 27000:2016; EN ISO/IEC 27000:2017)
- zamijenjena s: HRN EN ISO/IEC 27000:2020

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 21, *Protupožarna i vatrogasna oprema*

• umjesto

HRN EN 671-1:2012
Stabilni protupožarni sustavi – Hidrantski sustavi – 1. dio: Hidrantska cijevna vitla s **polučvrstim** cijevima (EN 671-1:2012)
Fixed firefighting systems – Hose systems – Part 1: Hose reels with semi-rigid hose (EN 671-1:2012)

• treba biti

HRN EN 671-1:2012
Stabilni protupožarni sustavi – Hidrantski sustavi – 1. dio: Hidrantska cijevna vitla s **polukrutim** cijevima (EN 671-1:2012)
Fixed firefighting systems – Hose systems – Part 1: Hose reels with semi-rigid hose (EN 671-1:2012)

• umjesto

HRN EN 671-3:2009
Stabilni protupožarni sustavi – Hidrantski sustavi – 3. dio: Održavanje hidrantskih cijevnih vitala s **polučvrstim** cijevima i hidrantskih sustava s plosnatim cijevima (EN 671-3:2009)
Fixed firefighting systems – Hose systems – Part 3: Maintenance of hose reels with semi-rigid hose and hose systems with lay-flat hose (EN 671-3:2009)

• treba biti

HRN EN 671-3:2009
Stabilni protupožarni sustavi – Hidrantski sustavi – 3. dio: Održavanje hidrantskih cijevnih vitala s **polukrutim** cijevima i hidrantskih sustava s plosnatim cijevima (EN 671-3:2009)
Fixed firefighting systems – Hose systems – Part 3: Maintenance of hose reels with semi-rigid hose and hose systems with lay-flat hose (EN 671-3:2009)

HZN/TO 159, *Ergonomija*

Sljedeća hrvatska norma ponovo je važeća sukladno odluci HZN-a koji je postupio u skladu s odlukom CEN-ove skupine za upravljanje tehničkim odborima.

HRN EN ISO 24500:2011
Ergonomija – Pristupačan dizajn – Zvučni signali za proizvode široke potrošnje (ISO 24500:2010; EN ISO 24500:2010)
Ergonomics – Accessible design – Auditory signals for consumer products (ISO 24500:2010; EN ISO 24500:2010)

HZN/TO 207, *Upravljanje okolišem*

• umjesto

HRN EN ISO 14015:2010
Upravljanje okolišem – Procjena okoliša **lokacije i organizacije** (ISO 14015:2001; EN ISO 14015:2010)
Environmental management – Environmental assessment of sites and organizations (EASO) (ISO 14015:2001; EN ISO 14015:2010)

• treba biti

HRN EN ISO 14015:2010
Upravljanje okolišem – Procjena okoliša **lokacija i organizacija** (EASO) (ISO 14015:2001; EN ISO 14015:2010)
Environmental management – Environmental assessment of sites and organizations (EASO) (ISO 14015:2001; EN ISO 14015:2010)

HZN/TO 215, *Medicinska informatika*

- **umjesto**
HRN EN ISO 11238:2018
Medicinska informatika – Identifikacija **medicinskih proizvoda** – Podaci i strukture za jedinstvenu identifikaciju i razmjenu propisanih informacija o **sastojcima** (ISO 11238:2018; EN ISO 11238:2018)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on substances (ISO 11238:2018; EN ISO 11238:2018)
- **treba biti**
HRN EN ISO 11238:2018
Zdravstvena informatika – Identifikacija **lijekova** – Elementi i strukture za jedinstvenu identifikaciju i razmjenu propisanih informacija o **tvarima** (ISO 11238:2018; EN ISO 11238:2018)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on substances (ISO 11238:2018; EN ISO 11238:2018)
- **umjesto**
HRN EN ISO 11239:2014
Medicinska informatika – Identifikacija **medicinskih proizvoda** – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o **farmaceutskome obliku** lijeka, oblicima pakiranja i **načinu primjene** (ISO 11239:2012; EN ISO 11239:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging (ISO 11239:2012; EN ISO 11239:2012)
- **treba biti**
HRN EN ISO 11239:2014
Zdravstvena informatika – Identifikacija **lijekova** – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o **farmaceutskim oblicima** lijeka, oblicima pakiranja, **jediničnim oblicima, putovima primjene i pakiranju** (ISO 11239:2012; EN ISO 11239:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging (ISO 11239:2012; EN ISO 11239:2012)
- **umjesto**
HRN EN ISO 11240:2014
Medicinska informatika – Identifikacija **medicinskih proizvoda** – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu mjernih jedinica (ISO 11240:2012; EN ISO 11240:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of units of measurement (ISO 11240:2012; EN ISO 11240:2012)
- **treba biti**
HRN EN ISO 11240:2014
Zdravstvena informatika – Identifikacija **lijekova** – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu mjernih jedinica (ISO 11240:2012; EN ISO 11240:2012)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of units of measurement (ISO 11240:2012; EN ISO 11240:2012)

- **umjesto**
HRN EN ISO 11615:2018
Medicinska informatika – Identifikacija **medicinskih proizvoda** – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o **medicinskim proizvodima** (ISO 11615:2017; EN ISO 11615:2017)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2017; EN ISO 11615:2017)
- **treba biti**
HRN EN ISO 11615:2018
Zdravstvena informatika – Identifikacija **lijekova** – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o **lijeku** (ISO 11615:2017; EN ISO 11615:2017)
Health informatics – Identification of medicinal products – Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2017; EN ISO 11615:2017)
- **umjesto**
HRN EN ISO 11616:2018
Medicinska informatika – Identifikacija **medicinskih proizvoda** – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o **farmaceutskim proizvodima** (ISO 11616:2017; EN ISO 11616:2017)
Health informatics – Identification of medicinal products – Data elements and structures for the Unique Identification and Exchange of regulated Pharmaceutical Product Information (ISO 11616:2017; EN ISO 11616:2017)
- **treba biti**
HRN EN ISO 11616:2018
Zdravstvena informatika – Identifikacija **lijekova** – Elementi i strukture podataka za jedinstvenu identifikaciju i razmjenu propisanih informacija o **farmaceutskom proizvodu** (ISO 11616:2017; EN ISO 11616:2017)
Health informatics – Identification of medicinal products – Data elements and structures for the Unique Identification and Exchange of regulated Pharmaceutical Product Information (ISO 11616:2017; EN ISO 11616:2017)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

HZN/TO 215, *Medicinska informatika*

- HRN EN ISO 10781:2015 en pr
Zdravstvena informatika – HL7 sustav elektroničkih zdravstvenih zapisa, funkcionalni model, 2. izdanje (EHR FM) (ISO 10781:2015; EN ISO 10781:2015)
Health Informatics – HL7 Electronic Health Records-System Functional Model, Release 2 (EHR FM) (ISO 10781:2015; EN ISO 10781:2015)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 28, *Naftni proizvodi i maziva*

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

- HRN EN 590:2017 hr-en pr-pp
Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja (EN 590:2013+A1:2017)
Automotive fuels – Diesel – Requirements and test methods (EN 590:2013+A1:2017)

2 Rezultati mednarodne i evropske normizacije razvrstani po predmetnom ustroju

Evropska normizacija (CEN)

| Oznaka norme | Naslov norme | ICS | Datum objave |
|--------------|--|----------------------|--------------|
| EN 267 | Forced draught burners for liquid fuels | 27.060.10 | 2020-01 |
| EN 676 | Forced draught burners for gaseous fuels | 27.060.20 | 2020-01 |
| EN 1534 | Wood flooring and parquet – Determination of resistance to indentation – Test method | 79.080; 91.060.30 | 2020-01 |
| EN 1749 | Classification of gas appliances according to the method of supplying combustion air and of evacuation of the combustion products (types) | 91.140.40 | 2020-01 |
| EN 2516 | Aerospace series – Passivation of corrosion resisting steels and decontamination of nickel base alloys | 49.040 | 2020-01 |
| EN 3155-017 | Aerospace series – Electrical contacts used in elements of connection – Part 017: Contacts, electrical, relay base, female, type A, crimp, class P – Product standard | 49.060 | 2020-01 |
| EN 3155-018 | Aerospace series – Electrical contacts used in elements of connection – Part 018: Contacts, electrical, male, type A, crimp, class S – Product standard | 49.060 | 2020-01 |
| EN 3219 | Aerospace series – Heat resisting nickel base alloy (NI- P100HT) – Cold worked and softened – Bar and wire for continuous forging extrusion for fasteners – $3 \text{ mm} \leq D \leq 30 \text{ mm}$ | 49.025.99 | 2020-01 |
| EN 3358 | Aerospace series – Steel FE-PM1503 (X3CrNiMoAl 13-8-2) – Vacuum induction melted and consumable electrode remelted – Solution treated and precipitation treated – Bar for machining – a or $D \leq 150 \text{ mm}$ – $R_m \geq 1400 \text{ MPa}$ | 49.025.10 | 2020-01 |
| EN 3666 | Aerospace series – Heat resisting alloy NI-PH2601 – Solution treated and cold worked – Bar for forged fasteners – $D \leq 50 \text{ mm}$ – $1550 \text{ MPa} \leq R_m \leq 1830 \text{ MPa}$ | 49.025.99 | 2020-01 |
| EN 3761 | Aerospace series – Heat resisting alloy FE-PA2601 – Softened and cold worked – Bar for forged fasteners – $D \leq 50 \text{ mm}$ – $1100 \text{ MPa} \leq R_m \leq 1300 \text{ MPa}$ | 49.025.05 | 2020-01 |
| EN 4707 | Aerospace series – Acid pickling of aluminium and aluminium alloys without hexavalent chromium | 25.220.20; 49.025.20 | 2020-01 |
| EN 4875 | Aerospace series – Surface treatments – Test method for measurement of electrical contact resistance | 25.220.99; 49.040 | 2020-01 |
| EN 12259-14 | Fixed firefighting systems – Components for sprinkler and water spray systems – Part 14: Sprinklers for residential applications | 13.220.20 | 2020-01 |
| EN 12390-12 | Testing hardened concrete – Part 12: Determination of the carbonation resistance of concrete – Accelerated carbonation method | 91.100.30 | 2020-01 |
| EN 12973 | Value Management | 03.100.40 | 2020-01 |
| EN 13206+A1 | Plastics – Thermoplastic covering films for use in agriculture and horticulture | 65.040.30; 83.140.10 | 2020-01 |
| EN 13373 | Natural stone test methods – Determination of geometric characteristics on units | 91.100.15 | 2020-01 |
| EN 14103 | Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of ester and linolenic acid methyl ester contents | 67.200.10 | 2020-01 |
| EN 14848 | Aerosol containers – Metal containers with 25,4 mm aperture – Dimensions of valve cups | 55.130 | 2020-01 |
| EN 14915+A2 | Solid wood panelling and cladding – Characteristics, requirements and marking | 79.080 | 2020-01 |
| EN 14972-8 | Fixed firefighting systems – Water mist systems – Part 8: Test protocol for machinery in enclosures exceeding 260 m^3 for open nozzle systems | 13.220.20 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|----------------|---|----------------------|--------------|
| EN 14972-9 | Fixed firefighting systems – Water mist systems – Part 9: Test protocol for machinery in enclosures not exceeding 260 m ³ for open nozzle systems | 13.220.20 | 2020-01 |
| EN 15153-1 | Railway applications – External visible and audible warning devices – Part 1: Head, marker and tail lamps for heavy rail | 45.060.10 | 2020-01 |
| EN 15153-2 | Railway applications – External visible and audible warning devices – Part 2: Warning horns for heavy rail | 45.060.10 | 2020-01 |
| EN 15153-3 | Railway applications – External visible and audible warning devices – Part 3: Visible warning devices for urban rail | 45.060.10; 45.140 | 2020-01 |
| EN 15153-4 | Railway applications – External visible and audible warning devices – Part 4: Audible warning devices for urban rail | 45.060.10; 45.140 | 2020-01 |
| EN 16087-1 | Soil improvers and growing media – Determination of the aerobic biological activity – Part 1: Oxygen uptake rate (OUR) | 65.080 | 2020-01 |
| EN 16215 | Animal feeding stuffs: Methods of sampling and analysis – Determination of dioxins and dioxin-like PCBs by GC/HRMS and of indicator PCBs by GC/HRMS | 65.120 | 2020-01 |
| EN 16282-6 | Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 6: Aerosol separators; Design and safety requirements | 97.040.99 | 2020-01 |
| CEN/TR 16396 | Playground equipment for children – Replies to requests for interpretation of EN 1176 and its parts | 97.200.40 | 2020-01 |
| CEN/TS 16702-1 | Electronic fee collection – Secure monitoring for autonomous toll systems – Part 1: Compliance checking | 35.240.60 | 2020-01 |
| CEN/TS 16702-2 | Electronic fee collection – Secure monitoring for autonomous toll systems – Part 2: Trusted recorder | 03.220.20; 35.240.60 | 2020-01 |
| EN 16796-6 | Energy efficiency of Industrial trucks – Test methods – Part 6: Container straddle carrier | 53.060 | 2020-01 |
| EN 16905-2 | Gas-fired endothermic engine driven heat pumps – Part 2: Safety | 27.080 | 2020-01 |
| EN 17169 | Tattooing – Safe and hygienic practice | 03.080.30 | 2020-01 |
| EN 17250 | Foodstuffs – Determination of ochratoxin A in spices, liquorice, cocoa and cocoa products by IAC clean-up and HPLC-FLD | 67.140.30; 67.220.10 | 2020-01 |
| EN 17251 | Foodstuffs – Determination of ochratoxin A in pork meat and derived products by IAC clean-up and HPLC-FLD | 67.120.10 | 2020-01 |
| EN 17252 | Foodstuffs – Determination of phomopsis A in lupin seeds and lupin derived products by HPLC-MS/MS | 67.060 | 2020-01 |
| EN 17314 | Industrial trucks – Specifications and test methods – Operator restraint systems other than lap-type seat belts | 53.060 | 2020-01 |
| EN 17351 | Bio-based products – Determination of the oxygen content using an elemental analyser | 13.020.55 | 2020-01 |
| CEN/TS 17390-1 | Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for circulating tumor cells (CTCs) in venous whole blood – Part 1: Isolated RNA | 11.100.10 | 2020-01 |
| CEN/TS 17390-2 | Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for circulating tumor cells (CTCs) in venous whole blood – Part 2: Isolated DNA | 11.100.10 | 2020-01 |
| CEN/TS 17390-3 | Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for circulating tumor cells (CTCs) in venous whole blood – Part 3: Preparations for analytical CTC staining | 11.100.10 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|--------------------|--|-------------------|--------------|
| CEN/TR 17401 | Intelligent transport systems – Urban-ITS – Mixed vendor environment guide | 35.240.60 | 2020-01 |
| CEN/TR 17420 | Railway applications – Vehicle end design for trams and light rail vehicles with respect to pedestrian safety | 45.060.10; 45.140 | 2020-01 |
| CWA 17492 | Predictive control and maintenance of data intensive industrial processes | 35.240.50 | 2020-01 |
| CWA 17494 | Analytics Insights and Scaling Policies for Microservices | 35.080 | 2020-01 |
| EN ISO 643 | Steels – Micrographic determination of the apparent grain size (ISO 643:2019) | 77.040.99 | 2020-01 |
| EN ISO 2106 | Anodizing of aluminium and its alloys – Determination of mass per unit area (surface density) of anodic oxidation coatings – Gravimetric method (ISO 2106:2019) | 25.220.20 | 2020-01 |
| EN ISO 6414 | Technical product documentation (TPD) – Technical drawings for glassware (ISO 6414:2020) | 01.100.99 | 2020-01 |
| EN ISO 8536-4 | Infusion equipment for medical use – Part 4: Infusion sets for single use, gravity feed (ISO 8536-4:2019) | 11.040.20 | 2020-01 |
| EN ISO 8596/A1 | Ophthalmic optics – Visual acuity testing – Standard and clinical optotypes and their presentation – Amendment 1 (ISO 8596:2017/Amd1:2019) | 11.040.70 | 2020-01 |
| EN ISO 10240 | Small craft – Owner's manual (ISO 10240:2019) | 47.080 | 2020-01 |
| EN ISO 11607-1 | Packaging for terminally sterilized medical devices – Part 1: Requirements for materials, sterile barrier systems and packaging systems (ISO 11607-1:2019) | 11.080.30 | 2020-01 |
| EN ISO 11607-2 | Packaging for terminally sterilized medical devices – Part 2: Validation requirements for forming, sealing and assembly processes (ISO 11607-2:2019) | 11.080.30 | 2020-01 |
| EN ISO 11844-3 | Corrosion of metals and alloys – Classification of low corrosivity of indoor atmospheres – Part 3: Measurement of environmental parameters affecting indoor corrosivity (ISO 11844-3:2020) | 77.060 | 2020-01 |
| EN ISO 12956 | Geotextiles and geotextile-related products – Determination of the characteristic opening size (ISO 12956:2019) | 59.080.70 | 2020-01 |
| EN ISO 14713-2 | Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 2: Hot dip galvanizing (ISO 14713-2:2019) | 25.220.40 | 2020-01 |
| EN ISO 15091 | Paints and varnishes – Determination of electrical conductivity and resistance (ISO 15091:2020) | 87.040 | 2020-01 |
| EN ISO 15184 | Paints and varnishes – Determination of film hardness by pencil test (ISO 15184:2020) | 87.040 | 2020-01 |
| EN ISO 15902 | Optics and photonics – Diffractive optics – Vocabulary (ISO 15902:2019) | 01.040.31; 31.260 | 2020-01 |
| EN ISO 16297 | Milk – Bacterial count – Protocol for the evaluation of alternative methods (ISO 16297:2020) | 67.100.10 | 2020-01 |
| EN ISO 16610-61/A1 | Geometrical product specification (GPS) – Filtration – Part 61: Linear areal filters – Gaussian filters – Amendment 1 (ISO 16610-61:2015/Amd 1:2019) | 17.040.40 | 2020-01 |
| EN ISO 17076-1 | Leather – Determination of abrasion resistance – Part 1: Taber(r) method (ISO 17076-1:2020) | 59.140.30 | 2020-01 |
| EN ISO 18526-3 | Eye and face protection – Test methods – Part 3: Physical and mechanical properties (ISO 18526-3:2020) | 13.340.20 | 2020-01 |
| EN ISO 20705 | Textiles – Quantitative microscopical analysis – General principles of testing (ISO 20705:2019) | 59.060.01 | 2020-01 |
| EN ISO 22109 | Industrial valves – Gearbox for valves (ISO 22109:2020) | 23.060.01 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|----------------|--|-----------|--------------|
| EN ISO 23153-2 | Plastics – Polyetheretherketone (PEEK) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 23153-2:2020) | 83.080.20 | 2020-01 |
| EN ISO 24444 | Cosmetics – Sun protection test methods – In vivo determination of the sun protection factor (SPF) (ISO 24444:2019) | 71.100.70 | 2020-01 |

Europska normizacija (CENELEC)

| Oznaka norme | Naslov norme | ICS | Datum objave |
|-------------------|---|-------------------|--------------|
| EN 16604-20 | Space sustainability – Planetary protection | 49.140 | 2020-01 |
| EN 50636-2-107/A2 | Safety of household and similar appliances – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers | 65.060.70 | 2020-01 |
| EN 50641 | Railway applications – Fixed installations – Requirements for the validation of simulation tools used for the design of electric traction power supply systems | 29.280; 35.240.60 | 2020-01 |
| EN 60335-2-105/A2 | Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets (IEC 60335-2-105:2004/A2:2013, modified) | 91.140.70 | 2020-01 |
| EN IEC 62311 | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz) (IEC 62311:2019) | 13.280; 97.030 | 2020-01 |

Europska normizacija (ETSI)

| Oznaka norme | Naslov norme | ICS | Datum objave |
|----------------------------|--|----------------------|--------------|
| ETSI TS 101548-1 V 2.3.1 | Access, Terminals, Transmission and Multiplexing (ATTM) – European Requirements for Reverse Powering of Remote Access Equipment – Part 1: Twisted pair networks | 33.060.40 | 2020-01 |
| ETSI TS 101570-6 V 1.1.1 | Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios – Part 6: VHF Class M Test Descriptions | 33.060.20; 47.020.70 | 2020-01 |
| ETSI TS 102657 V 1.24.1 | Lawful Interception (LI) – Retained data handling – Handover interface for the request and delivery of retained data | 33.040.35 | 2020-01 |
| ETSI TS 103553-3 V 1.1.1 | Environmental Engineering (EE) – Innovative energy storage technology for stationary use – Part 3: Supercapacitor | 33.040.01 | 2020-01 |
| ETSI TS 103643 V 1.1.1 | Techniques for assurance of digital material used in legal proceedings | 33.040.99; 35.030 | 2020-01 |
| ETSI TS 103648 V 1.1.1 | Reconfigurable Radio Systems (RRS) – Radio Equipment (RE) reconfiguration architecture | 33.060.20 | 2020-01 |
| ETSI TS 103650-1 V 1.1.1 | EMTEL – Testing – Conformance test specifications for core elements for network independent access to emergency services (NG112) – Part 1: Protocol Implementation Conformance Statement (PICS), Test Suite Structure and Test Purposes (TSS & TP) | 33.040.01 | 2020-01 |
| ETSI TS 103650-2 V 1.1.1 | EMTEL – Testing – Conformance test specifications for core elements for network independent access to emergency services (NG112) – Part 2: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT) | 33.040.01 | 2020-01 |
| ETSI TS 103652-2 V 1.1.1 | Reconfigurable Radio Systems (RRS) – evolved Licensed Shared Access (eLSA) – Part 2: System architecture and high-level procedures | 33.060.01; 35.110 | 2020-01 |
| ETSI TS 103666-1 V 15.1.0 | Smart Secure Platform (SSP) – Part 1: General characteristics (Release 15) | 35.240.15 | 2020-01 |
| ETSI TR 103684 V 1.1.1 | Electronic Signatures and Infrastructures (ESI) – Global Acceptance of EU Trust Services | 33.040.01 | 2020-01 |
| ETSI TS 105174-2 V 1.3.1 | Access, Terminals, Transmission and Multiplexing (ATTM) – Broadband Deployment and Lifecycle Resource Management – Part 2: ICT Sites: Implementation of energy and lifecycle management practices | 33.060.40 | 2020-01 |
| ETSI TS 105174-5-1 V 1.4.1 | Access, Terminals, Transmission and Multiplexing (ATTM) – Broadband Deployment and Lifecycle Resource Management – Part 5: Customer network infrastructures – Sub-part 1: Homes (single-tenant) | 33.060.40 | 2020-01 |
| ETSI TS 119512 V 1.1.1 | Electronic Signatures and Infrastructures (ESI) – Protocols for trust service providers providing long-term data preservation services | 33.040.01 | 2020-01 |
| ETSI TS 122115 V 13.4.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Charging and billing (3GPP TS 22.115 version 13.4.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 122115 V 14.3.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Charging and billing (3GPP TS 22.115 version 14.3.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 122115 V 15.6.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Charging and billing (3GPP TS 22.115 version 15.6.0 Release 15) | 33.070.50 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|--------------------------|---|-----------|--------------|
| ETSI TS 122240 V 15.0.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for 3GPP Generic User Profile (GUP) – Stage 1 (3GPP TS 22.240 version 15.0.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 123167 V 15.6.0 | Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 15.6.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 123271 V 15.2.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 15.2.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 123285 V 14.9.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for V2X services (3GPP TS 23.285 version 14.9.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 123285 V 15.4.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for V2X services (3GPP TS 23.285 version 15.4.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 123334 V 13.10.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 13.10.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 123334 V 14.6.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 14.6.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 123334 V 15.1.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 15.1.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 123401 V 13.14.0 | LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 13.14.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 123401 V 14.11.0 | LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 14.11.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 123401 V 15.10.0 | LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 15.10.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 123501 V 15.8.0 | 5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 123502 V 15.8.0 | 5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 123503 V 15.8.0 | 5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |

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| ETSI TS 123682 V 15.10.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements to facilitate communications with packet data networks and applications (3GPP TS 23.682 version 15.10.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 124008 V 15.8.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 124229 V 15.9.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 15.9.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 124281 V 15.7.0 | LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 15.7.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 124301 V 15.8.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 124371 V 13.11.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Web Real-Time Communications (WebRTC) access to the IP Multimedia (IM) Core Network (CN) subsystem (IMS) – Stage 3 – Protocol specification (3GPP TS 24.371 version 13.11.0 Release 13) | 33.070.99 | 2020-01 |
| ETSI TS 124371 V 14.8.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Web Real-Time Communications (WebRTC) access to the IP Multimedia (IM) Core Network (CN) subsystem (IMS) – Stage 3 – Protocol specification (3GPP TS 24.371 version 14.8.0 Release 14) | 33.070.99 | 2020-01 |
| ETSI TS 124371 V 15.2.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Web Real-Time Communications (WebRTC) access to the IP Multimedia (IM) Core Network (CN) subsystem (IMS) – Stage 3 – Protocol specification (3GPP TS 24.371 version 15.2.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 124379 V 13.14.0 | LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 13.14.0 Release 13) | 33.070.99 | 2020-01 |
| ETSI TS 124379 V 14.11.0 | LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 14.11.0 Release 14) | 33.070.99 | 2020-01 |
| ETSI TS 124379 V 15.7.0 | LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 15.7.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 124483 V 13.8.0 | LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 13.8.0 Release 13) | 33.070.99 | 2020-01 |
| ETSI TS 124483 V 14.7.0 | LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 14.7.0 Release 14) | 33.070.99 | 2020-01 |
| ETSI TS 124483 V 15.5.0 | LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 15.5.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 124501 V 15.6.0 | 5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 128530 V 15.3.0 | 5G – Management and orchestration – Concepts, use cases and requirements (3GPP TS 28.530 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |

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| ETSI TS 128531 V 15.5.0 | 5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128532 V 15.4.0 | 5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 15.4.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128533 V 15.3.0 | 5G – Management and orchestration – Architecture framework (3GPP TS 28.533 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128541 V 15.5.0 | 5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128550 V 15.3.0 | 5G – Management and orchestration – Performance assurance (3GPP TS 28.550 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128552 V 15.5.0 | 5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128622 V 15.4.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 15.4.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128623 V 15.4.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 15.4.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128658 V 15.5.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.658 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128659 V 15.4.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.659 version 15.4.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 128662 V 15.3.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.662 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129116 V 15.2.0 | LTE – 5G – Representational state transfer over xMB reference point between content provider and BM-SC (3GPP TS 29.116 version 15.2.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129122 V 15.6.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129165 V 10.22.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 10.22.0 Release 10) | 33.070.50 | 2020-01 |
| ETSI TS 129165 V 11.26.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 11.26.0 Release 11) | 33.070.50 | 2020-01 |

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| ETSI TS 129165 V 12.21.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 12.21.0 Release 12) | 33.070.50 | 2020-01 |
| ETSI TS 129165 V 13.14.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 13.14.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 129165 V 14.13.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 14.13.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 129165 V 15.10.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 15.10.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129171 V 15.4.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 15.4.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129172 V 12.6.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – SLg interface (3GPP TS 29.172 version 12.6.0 Release 12) | 33.070.50 | 2020-01 |
| ETSI TS 129172 V 13.2.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – SLg interface (3GPP TS 29.172 version 13.2.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 129172 V 14.3.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – SLg interface (3GPP TS 29.172 version 14.3.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 129172 V 15.2.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – SLg interface (3GPP TS 29.172 version 15.2.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129212 V 15.9.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 15.9.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129222 V 15.5.0 | 5G – LTE – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 15.5.0 Release 15) | 33.070.99 | 2020-01 |

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| ETSI TS 129230 V 15.7.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 15.7.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129244 V 15.8.0 | LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129272 V 15.10.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 15.10.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129281 V 15.7.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 15.7.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129328 V 12.15.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 12.15.0 Release 12) | 33.070.50 | 2020-01 |
| ETSI TS 129328 V 13.11.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 13.11.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 129328 V 14.7.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 14.7.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 129328 V 15.8.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129334 V 13.8.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) – Iq Interface – Stage 3 (3GPP TS 29.334 version 13.8.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 129334 V 14.4.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) – Iq Interface – Stage 3 (3GPP TS 29.334 version 14.4.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 129334 V 15.1.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) – Iq Interface – Stage 3 (3GPP TS 29.334 version 15.1.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129468 V 15.8.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Group Communication System Enablers for LTE (GCSE LTE) – MB2 reference point – Stage 3 (3GPP TS 29.468 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 129501 V 15.6.0 | 5G – 5G System – Principles and Guidelines for Services Definition – Stage 3 (3GPP TS 29.501 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
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| ETSI TS 129502 V 15.6.0 | 5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129503 V 15.6.0 | 5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129504 V 15.6.0 | 5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129505 V 15.6.0 | 5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129507 V 15.6.0 | 5G – 5G System – Access and Mobility Policy Control Service – Stage 3 (3GPP TS 29.507 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129508 V 15.6.0 | 5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129510 V 15.6.0 | 5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129511 V 15.5.0 | 5G – 5G System – Equipment Identity Register Services – Stage 3 (3GPP TS 29.511 version 15.5.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129512 V 15.6.0 | 5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129513 V 15.6.0 | 5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129514 V 15.6.0 | 5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129518 V 15.6.0 | 5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129519 V 15.6.0 | 5G – 5G System – Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure – Stage 3 (3GPP TS 29.519 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129522 V 15.5.0 | 5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 15.5.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129525 V 15.4.0 | 5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 15.4.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129540 V 15.6.0 | 5G – 5G System – SMS Services – Stage 3 (3GPP TS 29.540 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129571 V 15.6.0 | 5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 129572 V 15.6.0 | 5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 131102 V 15.8.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 131103 V 15.5.1 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the IP Multimedia Services Identity Module (ISIM) application (3GPP TS 31.103 version 15.5.1 Release 15) | 33.070.50 | 2020-01 |

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| ETSI TS 131111 V 15.8.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 131121 V 15.6.1 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 15.6.1 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 131124 V 15.6.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 15.6.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 131130 V 15.2.1 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – (U)SIM Application Programming Interface (API) – (U)SIM API for Java Card (3GPP TS 31.130 version 15.2.1 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 131213 V 15.1.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java Card (3GPP TS 31.213 version 15.1.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132158 V 15.3.0 | LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132240 V 15.5.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging architecture and principles (3GPP TS 32.240 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132255 V 15.5.0 | 5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132274 V 15.3.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Short Message Service (SMS) charging (3GPP TS 32.274 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132290 V 15.6.0 | 5G – Telecommunication management – Charging management – 5G system – Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 15.6.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132291 V 15.5.0 | 5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132298 V 15.9.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 15.9.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132421 V 11.9.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 11.9.0 Release 11) | 33.070.50 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
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| ETSI TS 132421 V 12.3.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 12.3.0 Release 12) | 33.070.50 | 2020-01 |
| ETSI TS 132421 V 13.2.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 13.2.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 132421 V 14.2.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 14.2.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 132421 V 15.3.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 132601 V 15.1.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Requirements (3GPP TS 32.601 version 15.1.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 133108 V 15.7.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 15.7.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 133128 V 15.3.0 | LTE – 5G – Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 133179 V 13.10.0 | LTE – Security of Mission Critical Push To Talk (MCPTT) over LTE (3GPP TS 33.179 version 13.10.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 133180 V 14.8.0 | LTE – Security of the mission critical service (3GPP TS 33.180 version 14.8.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 133180 V 15.7.0 | LTE – Security of the mission critical service (3GPP TS 33.180 version 15.7.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 133216 V 15.2.0 | LTE – Security Assurance Specification (SCAS) for the evolved Node B (eNB) network product class (3GPP TS 33.216 version 15.2.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 133401 V 15.10.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 15.10.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 133501 V 15.7.0 | 5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.7.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TR 133916 V 15.1.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) | 33.070.50 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|---------------------------|---|-----------|--------------|
| ETSI TS 134229-1 V 15.2.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 15.2.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 134229-2 V 15.2.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 15.2.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 134229-3 V 15.3.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136211 V 13.13.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 13.13.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 136212 V 13.10.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 13.10.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 136212 V 14.11.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 14.11.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 136212 V 15.8.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136214 V 15.5.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer – Measurements (3GPP TS 36.214 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136300 V 15.8.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136304 V 15.5.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136306 V 15.7.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 15.7.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136321 V 14.12.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 14.12.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 136321 V 15.8.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136323 V 15.5.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 15.5.0 Release 15) | 33.070.50 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|---------------------------|---|-----------|--------------|
| ETSI TS 136331 V 13.15.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 13.15.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 136331 V 14.13.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 14.13.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 136331 V 15.8.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136355 V 15.6.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 15.6.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136413 V 15.8.0 | LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136420 V 15.2.0 | LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 general aspects and principles (3GPP TS 36.420 version 15.2.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136423 V 15.8.0 | LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136424 V 15.1.0 | LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 data transport (3GPP TS 36.424 version 15.1.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136509 V 14.7.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 14.7.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 136509 V 15.3.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 136579-1 V 14.5.0 | LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 14.5.0 Release 14) | 33.070.99 | 2020-01 |
| ETSI TS 136579-2 V 14.5.0 | LTE – Mission Critical (MC) services over LTE – Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 14.5.0 Release 14) | 33.070.99 | 2020-01 |
| ETSI TS 136579-4 V 14.2.0 | LTE – Mission Critical (MC) services over LTE – Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 14.2.0 Release 14) | 33.070.99 | 2020-01 |
| ETSI TS 136579-5 V 13.4.0 | LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 13.4.0 Release 13) | 33.070.99 | 2020-01 |
| ETSI TR 136903 V 15.2.0 | LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 15.2.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 137104 V 15.9.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 15.9.0 Release 15) | 33.070.50 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|----------------------------|---|-----------|--------------|
| ETSI TS 137105 V 15.8.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 137113 V 15.8.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 15.8.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 137114 V 15.7.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.114 version 15.7.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 137141 V 13.13.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 13.13.0 Release 13) | 33.070.50 | 2020-01 |
| ETSI TS 137141 V 14.11.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 14.11.0 Release 14) | 33.070.50 | 2020-01 |
| ETSI TS 137141 V 15.9.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 15.9.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 137145-1 V 15.6.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 1: Conducted conformance testing (3GPP TS 37.145-1 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 137145-2 V 13.12.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: Radiated conformance testing (3GPP TS 37.145-2 version 13.12.0 Release 13) | 33.070.99 | 2020-01 |
| ETSI TS 137145-2 V 14.10.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: Radiated conformance testing (3GPP TS 37.145-2 version 14.10.0 Release 14) | 33.070.99 | 2020-01 |
| ETSI TS 137145-2 V 15.6.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: Radiated conformance testing (3GPP TS 37.145-2 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 137340 V 15.8.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 137355 V 15.0.0 | LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 15.0.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 137460 V 15.2.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – luant interface: General aspects and principles (3GPP TS 37.460 version 15.2.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 137462 V 15.2.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – luant interface: Signalling transport (3GPP TS 37.462 version 15.2.0 Release 15) | 33.070.99 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|---------------------------|---|-----------|--------------|
| ETSI TS 137466 V 15.5.0 | Universal Mobile Telecommunications System (UMTS) – LTE – 5G – luan interface: Application part (3GPP TS 37.466 version 15.5.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 137571-4 V 15.3.0 | Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 15.3.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI TS 138101-1 V 15.8.2 | 5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.8.2 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138101-2 V 15.8.0 | 5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138101-4 V 15.4.0 | 5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 15.4.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138104 V 15.8.0 | 5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138113 V 15.8.0 | 5G – NR – Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138141-1 V 15.4.0 | 5G – NR – Base Station (BS) conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.4.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138141-2 V 15.4.0 | 5G – NR – Base Station (BS) conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.4.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138171 V 15.2.0 | 5G – NR – Requirements for support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 38.171 version 15.2.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138202 V 15.6.0 | 5G – NR – Services provided by the physical layer (3GPP TS 38.202 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138211 V 15.8.0 | 5G – NR – Physical channels and modulation (3GPP TS 38.211 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138212 V 15.8.0 | 5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138213 V 15.8.0 | 5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138214 V 15.8.0 | 5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138215 V 15.6.0 | 5G – NR – Physical layer measurements (3GPP TS 38.215 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138300 V 15.8.0 | 5G – NR – Overall description – Stage-2 (3GPP TS 38.300 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138304 V 15.6.0 | 5G – NR – User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138305 V 15.5.0 | 5G – NG Radio Access Network (NG-RAN) – Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 15.5.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138306 V 15.8.0 | 5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|-----------------------------|--|-------------------|--------------|
| ETSI TS 138307 V 15.4.0 | 5G – NR – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 15.4.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138321 V 15.8.0 | 5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138331 V 15.8.0 | 5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138401 V 15.7.0 | 5G – NG-RAN – Architecture description (3GPP TS 38.401 version 15.7.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138412 V 15.4.0 | 5G – NG-RAN – NG signalling transport (3GPP TS 38.412 version 15.4.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138413 V 15.6.0 | 5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138422 V 15.4.0 | 5G – NG-RAN – Xn signalling transport (3GPP TS 38.422 version 15.4.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138423 V 15.6.0 | 5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138463 V 15.6.0 | 5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138470 V 15.7.0 | 5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 15.7.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138472 V 15.6.0 | 5G – NG-RAN – F1 signalling transport (3GPP TS 38.472 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138473 V 15.8.0 | 5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 15.8.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138509 V 15.6.1 | 5G – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 15.6.1 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 138523-3 V 15.6.0 | 5G – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.6.0 Release 15) | 33.070.99 | 2020-01 |
| ETSI TS 151010-4 V 15.2.0 | Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station (MS) conformance specification – Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification (3GPP TS 51.010-4 version 15.2.0 Release 15) | 33.070.50 | 2020-01 |
| ETSI GR NFV 003 V 1.5.1 | Network Functions Virtualisation (NFV) – Terminology for Main Concepts in NFV | 33.040.40; 35.110 | 2020-01 |
| ETSI GS MEC 021 V 2.1.1 | Multi-access Edge Computing (MEC) – Application Mobility Service API | 33.070.99 | 2020-01 |
| ETSI GS NFV-SEC 022 V 2.7.1 | Network Functions Virtualisation (NFV) Release 2 – Security – Access Token Specification for API Access | 35.110 | 2020-01 |
| ETSI GS NFV-SOL 001 V 2.7.1 | Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – NFV descriptors based on TOSCA specification | 35.110 | 2020-01 |
| ETSI GS NFV-SOL 002 V 2.7.1 | Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – RESTful protocols specification for the Ve-Vnfm Reference Point | 33.040.40; 35.110 | 2020-01 |
| ETSI GS NFV-SOL 005 V 2.7.1 | Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – RESTful protocols specification for the Os-Ma-nfvo Reference Point | 35.110 | 2020-01 |
| ETSI GS NFV-SOL 011 V 3.3.1 | Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – RESTful protocols specification for the Or-Or Reference Point | 35.110 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|-----------------------|---|----------------------|--------------|
| EN 301908-15 V 15.1.1 | IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters | 33.060.20 | 2020-01 |
| EN 302636-4-1 V 1.4.1 | Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications – Sub-part 1: Media-Independent Functionality | 35.240.60 | 2020-01 |
| EN 302663 V 1.3.1 | Intelligent Transport Systems (ITS) – ITS-G5 Access layer specification for Intelligent Transport Systems operating in the 5 GHz frequency band | 35.240.60 | 2020-01 |
| EN 303613 V 1.1.1 | Intelligent Transport Systems (ITS) – LTE-V2X Access layer specification for Intelligent Transport Systems operating in the 5 GHz frequency band | 33.070.99; 35.240.60 | 2020-01 |

Međunarodna normizacija (ISO)

| Oznaka norme | Naslov norme | ICS | Datum objave |
|----------------|--|-------------------------|--------------|
| ISO 68-1 AMD 1 | ISO general purpose screw threads – Basic profile – Part 1: Metric screw threads; Amendment 1 | 21.040.10 | 2020-01 |
| ISO 68-2 AMD 1 | ISO general-purpose screw threads – Basic profile – Part 2: Inch screw threads – Amendment 1: The dimensions of basic profile | 21.040.20 | 2020-01 |
| ISO 349 | Hard coal – Audibert-Arnu dilatometer test | 73.040 | 2020-01 |
| ISO 668 | Series 1 freight containers – Classification, dimensions and ratings | 55.180.10 | 2020-01 |
| ISO 1501 AMD 1 | ISO miniature screw threads – Amendment 1: The figure for the tolerance zone of external thread | 21.040.30 | 2020-01 |
| ISO 1609 | Vacuum technology – Dimensions of non-knife edge flanges | 23.160 | 2020-01 |
| ISO 1920-4 | Testing of concrete – Part 4: Strength of hardened concrete | 91.100.30 | 2020-01 |
| ISO 2648 | Wool – Determination of fibre length distribution parameters – Capacitance method | 59.060.10 | 2020-01 |
| ISO 2904 | ISO metric trapezoidal screw threads – Basic dimensions | 21.040.10 | 2020-01 |
| ISO 3071 | Textiles – Determination of pH of aqueous extract | 59.080.01 | 2020-01 |
| ISO 3865 | Rubber, vulcanized or thermoplastic – Methods of test for staining in contact with organic material | 83.060 | 2020-01 |
| ISO 3875 | Machine tools – Test conditions for external cylindrical centreless grinding machines – Testing of the accuracy | 25.080.50 | 2020-01 |
| ISO 4259-3 | Petroleum and related products – Precision of measurement methods and results – Part 3: Monitoring and verification of published precision data in relation to methods of test | 75.080 | 2020-01 |
| ISO 4874 | Tobacco – Sampling of batches of raw material – General principles | 65.160 | 2020-01 |
| ISO 4987 | Steel castings – Liquid penetrant testing | 77.040.20; 77.140.80 | 2020-01 |
| ISO 5598 | Fluid power systems and components – Vocabulary | 01.040.23; 23.100.01 | 2020-01 |
| ISO 5681 | Equipment for crop protection – Vocabulary | 01.040.65; 65.060.40 | 2020-01 |
| ISO 6292 | Powered industrial trucks and tractors – Brake performance and component strength | 53.060 | 2020-01 |
| ISO 6414 | Technical product documentation (TPD) – Technical drawings for glassware | 01.100.99 | 2020-01 |
| ISO 6621-5 | Internal combustion engines – Piston rings – Part 5: Quality requirements | 43.060.10 | 2020-01 |
| ISO/TR 6750-2 | Earth-moving machinery – Operator's manual – Part 2: List of references | 53.100 | 2020-01 |
| ISO 7010 AMD 1 | Graphical symbols – Safety colours and safety signs – Registered safety signs; Amendment 1 | 01.080.10; 01.080.20 | 2020-01 |
| ISO 7725 | Rubber and rubber products – Determination of chlorine and bromine content | 83.060 | 2020-01 |
| ISO 8789 | Rubber hoses and hose assemblies for liquefied petroleum gas in motor vehicles – Specification | 43.060.40; 83.140.40 | 2020-01 |
| ISO 9336-3 | Optics and photonics – Optical transfer function – Application – Part 3: Telescopes | 37.020 | 2020-01 |
| ISO 9803-1 | Vacuum technology – Mounting dimensions of pipeline fittings – Part 1: Non knife-edge flange type | 23.160 | 2020-01 |
| ISO 9803-2 | Vacuum technology – Mounting dimensions of pipeline fittings – Part 2: Knife-edge flange type | 23.160 | 2020-01 |

| Oznaka norme | Naslov norme | ICS | Datum objave |
|-----------------|---|-------------------------|--------------|
| ISO 9997 | Dentistry – Cartridge syringes | 11.040.25; 11.060.20 | 2020-01 |
| ISO 10113 | Metallic materials – Sheet and strip – Determination of plastic strain ratio | 77.040.10 | 2020-01 |
| ISO 10791-7 | Test conditions for machining centres – Part 7: Accuracy of finished test pieces | 25.040.10 | 2020-01 |
| ISO 10993-18 | Biological evaluation of medical devices – Part 18: Chemical characterization of medical device materials within a risk management process | 11.100.20 | 2020-01 |
| ISO 11076 | Aircraft – Deicing/anti-icing methods on the ground | 49.100 | 2020-01 |
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