

# Hrvatski zavod za norme

## Oglasnik za normativne dokumente

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Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrtu hrvatskih norma, prijedloga za prihvaćanje stranih norma u izvorniku, povučene hrvatske norme, povučene nacrtu hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije i obavijesti HZN-a.

Tko u popisima normativnih dokumenata koji su objavljeni u ovom Oglasniku otkrije koju grešku, koja može voditi do krive primjene, moli se da o tome neodložno obavijesti Hrvatski zavod za norme, kako bi se mogli otkloniti uočeni propusti.

Izdavač:



HZN

**Hrvatski zavod za norme**  
Croatian Standards Institute

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# 1 Rezultati hrvatske normizacije

## 1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 80/2013) hrvatske norme priprema, izdaje i objavljuje Hrvatski zavod za norme, na prijedlog tehničkih odbora.

Hrvatske norme mogu nastati na ova tri načina:

- prihvaćanjem stranih (međunarodnih/europskih/nacionalnih) norma uz prevođenje na hrvatski jezik (pp)
- prihvaćanjem stranih norma u izvorniku objavom obavijesti o prihvaćanju (pr)
- izradbom izvorne hrvatske norme (izv).

Oznaka načina prihvaćanja navedena je uz referencijsku oznaku hrvatske norme. Hrvatske su norme zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

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

HRN EN ISO 12625-5:2024 en pr  
Tanki upijajući papir (tissue) i proizvodi od tankoga upijajućeg papira – 5. dio: Određivanje prekidne čvrstoće u mokrom stanju (ISO 12625-5:2024; EN ISO 12625-5:2024)  
Tissue paper and tissue products – Part 5: Determination of wet tensile strength (ISO 12625-5:2024; EN ISO 12625-5:2024)

HRN EN ISO 12625-16:2024 en pr  
Tanki upijajući papir i proizvodi od tankog upijajućeg papira – 16. dio: Određivanje optičkih svojstava – Metoda difuzne reflektancije za opacitet (poledina papira) (ISO 12625-16:2024; EN ISO 12625-16:2024)  
Tissue paper and tissue products – Part 16: Determination of optical properties – Diffuse reflectance method for opacity (paper backing) (ISO 12625-16:2024; EN ISO 12625-16:2024)

### HZN/TO 8, *Brodogradnja*

HRN EN ISO 6185-3:2024 en pr  
Brodice na napuhavanje – 3. dio: Brodice duljine trupa manje od 8 m snage motora 15 kW i više (ISO 6185-3:2024; EN ISO 6185-3:2024)  
Inflatable boats – Part 3: Boats with a length of the hull less than 8 m with a motor power rating of 15 kW and greater (ISO 6185-3:2024; EN ISO 6185-3:2024)

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

HRN EN ISO 28139:2021/A1:2024 en pr  
Oprema za zaštitu bilja – Ledno nosivi zamagljivači pokretani motorima s unutrašnjim izgaranjem – Zahtjevi s obzirom na sigurnost i okoliš i metode ispitivanja (ISO 28139:2019/Amd 1:2024; EN ISO 28139:2021/A1:2024)  
Equipment for crop protection – Knapsack combustion engine-driven airblast sprayers – Safety and environmental requirements and test methods (ISO 28139:2019/Amd 1:2024; EN ISO 28139:2021/A1:2024)

### HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN 12662-1:2024 en pr  
Tekući naftni proizvodi – Određivanje onečišćenja – 1. dio: Srednje destilatna goriva i dizelska goriva (EN 12662-1:2024)  
Liquid petroleum products – Determination of total contamination – Part 1: Middle distillates and diesel fuels (EN 12662-1:2024)

HRN EN 12662-2:2024 en pr  
Tekući naftni proizvodi – Određivanje onečišćenja – 2. dio: Metilni esteri masnih kiselina (EN 12662-2:2024)  
Liquid petroleum products – Determination of total contamination – Part 2: Fatty acid methyl esters (EN 12662-2:2024)

HRN EN 16300:2024 en pr  
Goriva za motorna vozila – Određivanje jednoga broja u metilnim esterima masnih kiselina (FAME) – Metoda izračunavanja iz plinskokromatografskih podataka (EN 16300:2024)  
Automotive fuels – Determination of iodine value in fatty acid methyl esters (FAME) – Calculation method from gas chromatographic data (EN 16300:2024)

HRN EN ISO 23581:2024 en pr  
Naftni proizvodi i srodni proizvodi – Određivanje kinematičke viskoznosti – Metoda Stabingerovog tipa viskozimetra (ISO 23581:2024; EN ISO 23581:2024)  
Petroleum products and related products – Determination of kinematic viscosity – Method by Stabinger type viscometer (ISO 23581:2024; EN ISO 23581:2024)

### HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 20122:2024 en pr  
Biljna ulja – Određivanje zasićenih ugljikovodika iz mineralnih ulja (MOSH) i aromatskih ugljikovodika iz mineralnih ulja (MOAH) analizom na online vezanom sustavu tekućinske kromatografije visoke djelotvornosti-plinska kromatografija-plamenoionizacijski detektor HPLC-GC-FID – Metoda za nisku granicu kvantifikacije (ISO 20122:2024; EN ISO 20122:2024)  
Vegetable oils – Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with online-coupled high performance liquid chromatography-gas chromatography-flame ionization detection (HPLC-GC-FID) analysis – Method for low limit of quantification (ISO 20122:2024; EN ISO 20122:2024)

### HZN/TO 43, *Akustika*

HRN EN 17823:2024 en pr  
Akustička svojstva građevnih dijelova zgrade i zgrada – Laboratorijsko mjerenje udarne zvučne izolacije stubišta i izolacijskih elemenata stubišta (EN 17823:2024)  
Acoustic properties of building elements and of buildings – Laboratory measurement of the impact sound insulation of stairs and stair isolating elements (EN 17823:2024)

HRN EN ISO 21388-2:2024 en pr  
Akustika – Namještanje slušnih pomagala – 2. dio: Primjena telekomunikacijskih usluga u namještanju slušnih pomagala (tHAFM) (ISO 21388-2:2024; EN ISO 21388-2:2024)  
Acoustics – Hearing Aid Fitting Management – Part 2: Tele-services as part of hearing aid fitting management (tHAFM) (ISO 21388-2:2024; EN ISO 21388-2:2024)

### HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 12224-1:2024 en pr  
Žica za lemljenje, puna i praškom punjena – Specifikacija i metode ispitivanja – 1. dio: Razredba i zahtijevana svojstva (ISO 12224-1:2024; EN ISO 12224-1:2024)  
Solder wire, solid and flux cored – Specification and test methods – Part 1: Classification and performance requirements (ISO 12224-1:2024; EN ISO 12224-1:2024)

HRN EN ISO 12224-2:2024 en pr  
Žica za lemljenje, puna i praškom punjena – Specifikacija i metode ispitivanja – 2. dio: Određivanje sadržaja taila (ISO 12224-2:2024; EN ISO 12224-2:2024)  
Solder wire, solid and flux-cored – Specification and test methods – Part 2: Determination of flux content (ISO 12224-2:2024; EN ISO 12224-2:2024)

### HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije*

HRN ISO 11620:2024 en pr  
Informacije i dokumentacija – Pokazatelji uspješnosti poslovanja knjižnice (ISO 11620:2023)  
Information and documentation – Library performance indicators (ISO 11620:2023)

HRN ISO 11798:2024 en pr  
Informacije i dokumentacija – Postojanost i trajnost zapisa, tiska i kopiranja na papiru – Zahtjevi i postupci ispitivanja (ISO 11798:2023)  
Information and documentation – Permanence and durability of writing, printing and copying on paper – Requirements and test methods (ISO 11798:2023)

HRN ISO 15706-1:2024 en pr  
Informacije i dokumentacija – Međunarodni standardni audiovizualni broj (ISAN) – 1. dio: Identifikator audiovizualnog djela (ISO 15706-1:2023)  
Information and documentation – International Standard Audiovisual Number (ISAN) – Part 1: Audiovisual work identifier (ISO 15706-1:2023)

HRN ISO 15706-2:2024 en pr  
Informacija i dokumentacija – Međunarodni standardni audiovizualni broj (ISAN) – 2. dio: Identifikator inačice (ISO 15706-2:2023)  
Information and documentation – International Standard Audiovisual Number (ISAN) – Part 2: Version identifier (ISO 15706-2:2023)

HRN ISO 16245:2024 en pr  
Informacije i dokumentacija – Kutije, fascikli i druge spremnice, načinjeni od celuloznih materijala, za pohranu papirnatih i pergamentskih dokumenata (ISO 16245:2023)  
Information and documentation – Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents (ISO 16245:2023)

HRN ISO 21127:2024 en pr  
Informacije i dokumentacija – Referentna ontologija za razmjenu podataka o kulturnoj baštini (ISO 21127:2023)  
Information and documentation – A reference ontology for the interchange of cultural heritage information (ISO 21127:2023)

HRN ISO 28560-1:2024 en pr  
Informacije i dokumentacija – RFID u knjižnicama – 1. dio: Elementi podataka i opće smjernice za provedbu (ISO 28560-1:2023)  
Information and documentation – RFID in libraries – Part 1: Data elements and general guidelines for implementation (ISO 28560-1:2023)

HRN ISO 28560-2:2024 en pr  
Informacije i dokumentacija – RFID u knjižnicama – 2. dio: Kodiranje RFID elemenata podataka na temelju pravila iz norme ISO/IEC 15962 (ISO 28560-2:2023)  
Information and documentation – RFID in libraries – Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962 (ISO 28560-2:2023)

HRN ISO 28560-3:2024 en pr  
Informacije i dokumentacija – RFID u knjižnicama – 3. dio: Kodiranje fiksne dužine (ISO 28560-3:2023)  
Information and documentation – RFID in libraries – Part 3: Fixed length encoding (ISO 28560-3:2023)

### **HZN/TO 71, Beton**

HRN EN 15167-2:2024 en pr  
Mljevena granulirana zgrura visoke peći za uporabu u betonu, mortu i mortu za injektiranje – 2. dio: Ocjenjivanje i provjera stalnosti svojstava (EN 15167-2:2024)  
Ground granulated blast furnace slag for use in concrete, mortar and grout – Part 2: Assessment and verification of constancy of performance (EN 15167-2:2024)

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

HRN ISO 817:2014/A2:2024 en pr  
Radne tvari – Označavanje i klasifikacija sigurnosti (ISO 817:2014/Amd 2:2021)  
Refrigerants – Designation and safety classification (ISO 817:2014/Amd 2:2021)

### **HZN/TO 120, Koža i obuća**

HRN EN ISO 21135:2024 en pr  
Kemikalije za industriju štavljenja kože – Određivanje ukupnog sadržaja određenih bisfenola (ISO 21135:2024; EN ISO 21135:2024)  
Chemicals for the leather tanning industry – Determination of the total content of certain bisphenols (ISO 21135:2024; EN ISO 21135:2024)

### **HZN/TO 121, Anestetička i respiracijska oprema**

HRN EN 1865-2:2024 en pr  
Oprema za postupanje s bolesnikom koja se upotrebljava u cestovnim medicinskim vozilima – 2. dio: Ležaj s pogonom (EN 1865-2:2024)  
Patient handling equipment used in ambulances – Part 2: Power assisted stretcher (EN 1865-2:2024)

HRN EN ISO 16571:2024 en pr  
Sustavi za uklanjanje kirurških plinova od medicinskih uređaja (ISO 16571:2024; EN ISO 16571:2024)  
Systems for evacuation of plume generated by medical devices (ISO 16571:2024; EN ISO 16571:2024)

### **HZN/TO 135, Nerazorna ispitivanja**

HRN EN ISO 18563-3:2024 en pr  
Nerazorno ispitivanje – Karakterizacija i provjeravanje ultrazvučne višepretvorničke fazno upravljane opreme – 3. dio: Kompletni sustavi (ISO 18563-3:2024; EN ISO 18563-3:2024)  
Non-destructive testing – Characterization and verification of ultrasonic phased array equipment – Part 3: Complete systems (ISO 18563-3:2024; EN ISO 18563-3:2024)

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

HRS CEN/TS 17152-3:2023/Ispr.1:2024 en pr  
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i akumulaciju nepitke vode – Spremnici za sustave ispuštanja, privremene i trajne akumulacije – 3. dio: Ocjenjivanje sukladnosti (CEN/TS 17152-3:2022/AC:2024)  
Plastics piping systems for non-pressure underground conveyance and storage of non-potable water – Boxes used for infiltration, attenuation and storage systems – Part 3: Assessment of conformity (CEN/TS 17152-3:2022/AC:2024)

### **HZN/TO 159, Ergonomija**

HRN EN ISO 9241-115:2024 en pr  
Ergonomija interakcije čovjek-sustav – 115. dio: Smjernice za konceptualni dizajn, dizajn interakcije korisnik-sustav, dizajn korisničkog sučelja i dizajn navigacije (ISO 9241-115:2024; EN ISO 9241-115:2024)  
Ergonomics of human-system interaction – Part 115: Guidance on conceptual design, user-system interaction design, user interface design, and navigation design (ISO 9241-115:2024; EN ISO 9241-115:2024)

### **HZN/TO 163, Toplinska izolacija**

HRN EN 17887-1:2024 en pr  
Toplinska svojstva zgrada – Ispitivanje gotovih zgrada in situ – 1. dio: Prikupljanje podataka za ispitivanje ukupnoga gubitka topline (EN 17887-1:2024)  
Thermal performance of buildings – In situ testing of completed buildings – Part 1: Data collection for aggregate heat loss test (EN 17887-1:2024)

HRN EN 17887-2:2024 en pr  
Toplinska svojstva zgrada – Ispitivanje gotovih zgrada in situ – 2. dio: Stacionarna analiza podataka za ispitivanje ukupnoga gubitka topline (EN 17887-2:2024)  
Thermal performance of buildings – In situ testing of completed buildings – Part 2: Steady-state data analysis for aggregate heat loss test (EN 17887-2:2024)

HRN EN 17888-1:2024 en pr  
Toplinska svojstva zgrada – Ispitivanje pokusnih građevinskih konstrukcija in situ – 1. dio: Prikupljanje podataka za ispitivanje ukupnoga gubitka topline (EN 17888-1:2024)  
Thermal performance of buildings – In situ testing of building test structures – Part 1: Data collection for aggregate heat loss test (EN 17888-1:2024)

HRN EN 17888-2:2024 en pr  
Toplinska svojstva zgrada – Ispitivanje pokusnih građevinskih konstrukcija in situ – 2. dio: Stacionarna analiza podataka za ispitivanje ukupnoga gubitka topline (EN 17888-2:2024)  
Thermal performance of buildings – In situ testing of building test structures – Part 2: Steady-state data analysis for aggregate heat loss test (EN 17888-2:2024)

### **HZN/TO 165, Drvene konstrukcije**

HRN EN 1912:2024 en pr  
Drvene konstrukcije – Razredi čvrstoća – Pridruživanje razreda vizualnim razvrstavanjem i prema vrsti (EN 1912:2024)  
Structural Timber – Strength classes – Assignment of visual grades and species (EN 1912:2024)

## **HZN/TO 182, Geotehničke konstrukcije**

HRN EN 12063:2024 en pr  
Izvedba posebnih geotehničkih radova – Zagatne stijene (žmurje), složene stijene s pilotima, stijene velike krutosti (EN 12063:2024)  
Execution of special geotechnical work – Sheet pile walls, combined pile walls, high modulus walls (EN 12063:2024)

## **HZN/TO 218, Drvo**

HRN EN 15119-2:2024 en pr  
Trajnost drva i proizvoda na osnovi drva – Određivanje emisije zaštitnog sredstva iz tretiranog drva u okoliš – 2. dio: Drvena roba izložena u razredu 4 ili 5 (u dodiru sa zemljom, slatkom ili slanom vodom) – Laboratorijska metoda (EN 15119-2:2024)  
Durability of wood and wood-based products – Determination of emissions from preservative treated wood to the environment – Part 2: Wooden commodities exposed in Use Class 4 or 5 (in contact with the ground, fresh water or sea water) – Laboratory method (EN 15119-2:2024)

## **HZN/TO 238, Čvrsta biogoriva**

HRN EN ISO 17827-1:2024 en pr  
Čvrsta biogoriva – Određivanje granulometrijskoga sastava nekomprimiranoga goriva – 1. dio: Metoda oscilacijskog prosijavanja sitom promjera 3,15 mm i većeg (ISO 17827-1:2024; EN ISO 17827-1:2024)

Solid biofuels – Determination of particle size distribution for uncompressed fuels – Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2024; EN ISO 17827-1:2024)

HRN EN ISO 17827-2:2024 en pr  
Čvrsta biogoriva – Određivanje granulometrijskog sastava nekomprimiranoga goriva – 2. dio: Metoda vibracijskog prosijavanja sitom promjera 3,15 mm i manjeg (ISO 17827-2:2024; EN ISO 17827-2:2024)

Solid biofuels – Determination of particle size distribution for uncompressed fuels – Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2024; EN ISO 17827-2:2024)

HRN EN ISO 17830:2024 en pr  
Čvrsta biogoriva – Granulometrijski sastav raspadnutog peleta (ISO 17830:2024; EN ISO 17830:2024)  
Solid biofuels – Particle size distribution of disintegrated pellets (ISO 17830:2024; EN ISO 17830:2024)

## **HZN/TO 502, Plinski uređaji**

HRN EN 12309-3:2024 en pr  
Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 3. dio: Zahtjevi, uvjeti ispitivanja i metode ispitivanja (EN 12309-3:2024)  
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW – Part 3: Requirements, test conditions and test methods (EN 12309-3:2024)

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

HRN EN ISO 11782-2:2008/A1:2024 en pr  
Korozija metala i legura – Ispitivanje korozijskog zamora – 2. dio: Ispitivanje širenja pukotina uporabom uzoraka s pukotinom (ISO 11782-2:1998/Amd 1:2024; EN ISO 11782-2:2008/A1:2024)  
Corrosion of metals and alloys – Corrosion fatigue testing – Part 2: Crack propagation testing using precracked specimens (ISO 11782-2:1998/Amd 1:2024; EN ISO 11782-2:2008/A1:2024)

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

HRN EN ISO 16961:2024 en pr  
Industrije nafte i plina uključujući energiju s niskim udjelom ugljika – Unutarnji premazi i zaštita metalnih spremnika za skladištenje (ISO 16961:2024; EN ISO 16961:2024)  
Oil and gas industries including lower carbon energy – Internal coating and lining of steel storage tanks (ISO 16961:2024; EN ISO 16961:2024)

## **HZN/TO 524, Inteligentni transportni sustavi**

HRN EN ISO 14823-1:2024 en pr  
Inteligentni transportni sustavi – Rječnik grafičkih podataka – 1. dio: Specifikacija (ISO 14823-1:2024; EN ISO 14823-1:2024)  
Intelligent transport systems – Graphic data dictionary – Part 1: Specification (ISO 14823-1:2024; EN ISO 14823-1:2024)

## **HZN/TO 528, Oprema za željeznice**

HRN EN 17149-2:2024 en pr  
Željeznički sustav – Ocjena čvrstoće konstrukcija željezničkih vozila – 2. dio: Ocjena statičke čvrstoće (EN 17149-2:2024)  
Railway applications – Strength assessment of rail vehicle structures – Part 2: Static strength assessment (EN 17149-2:2024)

HRN EN ISO 22074-1:2024 en pr  
Željeznička infrastruktura – Sustavi za pričvršćenje tračnica – 1. dio: Rječnik (ISO 22074-1:2020; EN ISO 22074-1:2024)  
Railway infrastructure – Rail fastening systems – Part 1: Vocabulary (ISO 22074-1:2020; EN ISO 22074-1:2024)

HRN EN ISO 22074-2:2024 en pr  
Željeznička infrastruktura – Sustavi za pričvršćenje tračnica – 2. dio: Metoda ispitivanja uzdužnog pomicanja tračnica (ISO 22074-2:2021; EN ISO 22074-2:2024)  
Railway infrastructure – Rail fastening systems – Part 2: Test method for longitudinal rail restraint (ISO 22074-2:2021; EN ISO 22074-2:2024)

HRN EN ISO 22074-3:2024 en pr  
Željeznička infrastruktura – Sustavi za pričvršćenje tračnica – 3. dio: Metoda ispitivanja otpornosti na čupanje (ISO 22074-3:2021; EN ISO 22074-3:2024)  
Railway infrastructure – Rail fastening systems – Part 3: Proof load test method for pull-out resistance (ISO 22074-3:2021; EN ISO 22074-3:2024)

HRN EN ISO 22074-4:2024 en pr  
Željeznička infrastruktura – Sustavi za pričvršćenje tračnica – 4. dio: Metoda ispitivanja otpornosti na uzastopno opterećenje (ISO 22074-4:2022; EN ISO 22074-4:2024)  
Railway infrastructure – Rail fastening systems – Part 4: Test methods for resistance to repeated loading (ISO 22074-4:2022; EN ISO 22074-4:2024)

HRN EN ISO 22074-5:2024 en pr  
Željeznička infrastruktura – Sustavi za pričvršćenje tračnica – 5. dio: Metoda ispitivanja električne otpornosti (ISO 22074-5:2021; EN ISO 22074-5:2024)  
Railway infrastructure – Rail fastening systems – Part 5: Test method for electrical resistance (ISO 22074-5:2021; EN ISO 22074-5:2024)

HRN EN ISO 22074-6:2024 en pr  
Željeznička infrastruktura – Sustavi za pričvršćenje tračnica – 6. dio: Metoda ispitivanja otpornosti na ekstremne uvjete okoliša (ISO 22074-6:2021; EN ISO 22074-6:2024)  
Railway infrastructure – Rail fastening systems – Part 6: Test method for resistance to severe environmental conditions (ISO 22074-6:2021; EN ISO 22074-6:2024)

HRN EN ISO 22074-7:2024 en pr  
Željeznička infrastruktura – Sustavi za pričvršćenje tračnica – 7. dio: Metoda ispitivanja sila stezanja i otpornosti prema izdizanju (ISO 22074-7:2021; EN ISO 22074-7:2024)  
Railway infrastructure – Rail fastening systems – Part 7: Test method for clamping force and uplift stiffness (ISO 22074-7:2021; EN ISO 22074-7:2024)

HRN EN ISO 22074-8:2024 en pr  
Željeznička infrastruktura – Sustavi za pričvršćenje tračnica – 8. dio: Metoda ispitivanja okomite krutosti (ISO 22074-8:2022; EN ISO 22074-8:2024)  
Railway infrastructure – Rail fastening systems – Part 8: Test method for vertical stiffness (ISO 22074-8:2022; EN ISO 22074-8:2024)

HRN EN ISO 22163:2024 en pr  
Željeznički sustav – Sustav upravljanja kvalitetom u željezničkom sustavu – Norma ISO 9001:2015 i posebni zahtjevi za uporabu u željezničkom sektoru (ISO 22163:2023; EN ISO 22163:2024)  
Railway applications – Railway quality management system – ISO 9001:2015 and specific requirements for application in the railway sector (ISO 22163:2023; EN ISO 22163:2024)

## **HZN/TO 531, *Plastika i guma***

HRN EN ISO 6806:2024 en pr  
Gumena crijeva i crijevni uređaji za uporabu u naftnim plamenicima – Specifikacija (ISO 6806:2024; EN ISO 6806:2024)  
Rubber hoses and hose assemblies for use in oil burners – Specification (ISO 6806:2024; EN ISO 6806:2024)

## **HZN/TO 534, *Spremnici za teret***

HRN EN 14620-1:2024 en pr  
Projektiranje i proizvodnja vertikalnih, cilindričnih sustava spremnika s ravnim dnom za skladištenje rashlađenih ukapljenih plinova na radnu temperaturu između 0 °C i -196 °C, koji se izrađuju na gradilištu – 1. dio: Općenito (EN 14620-1:2024)  
Design and manufacture of site built, vertical, cylindrical, flat-bottomed tank systems for the storage of refrigerated, liquefied gases with operating temperatures between 0 °C and -196 °C – Part 1: General (EN 14620-1:2024)

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

HRN EN 16867:2024 en pr  
Građevni okovi – Mehatronički okovi za vrata – Zahtjevi i metode ispitivanja (EN 16867:2020+A2:2024)  
Building hardware – Mechatronic door furniture – Requirements and test methods (EN 16867:2020+A2:2024)

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

HRN EN 1751:2024 en pr  
Ventilacija u zgradama – Uređaji zračnog sustava – Aerodinamička ispitivanja zapornih i regulacijskih zaklopki (EN 1751:2024)  
Ventilation for buildings – Air terminal devices – Aerodynamic testing of damper and valves (EN 1751:2024)

HRN EN 17956:2024 en pr  
Razredi energetske učinkovitosti za tehničke izolacijske sustave – Metoda proračuna i primjene (EN 17956:2024)  
Energy efficiency classes for technical insulation systems – Calculation method and applications (EN 17956:2024)

## **HZN/TO 550, *Opskrba vodom***

HRN EN 17821:2023/Ispr.1:2024 en pr  
Ventili u zgradama – Slavine otporne na smrzavanje za vanjsku uporabu (FRT) – Opća tehnička specifikacija (EN 17821:2023/AC:2024)  
Building valves – Frost resistant taps for outdoor use (FRT) – General technical specification (EN 17821:2023/AC:2024)

## **HZN/TO 555, *Medicinski proizvodi***

HRN EN ISO 13408-1:2024 en pr  
Aseptička obrada proizvoda za zdravstvenu skrb – 1. dio: Opći zahtjevi (ISO 13408-1:2023; EN ISO 13408-1:2024)  
Aseptic processing of health care products – Part 1: General requirements (ISO 13408-1:2023; EN ISO 13408-1:2024)

HRN EN ISO 17665:2024 en pr  
Sterilizacija medicinskih proizvoda – Vlažna para – Zahtjevi za provedbu, validaciju i rutinsku kontrolu postupka sterilizacije medicinskih proizvoda (ISO 17665:2024; EN ISO 17665:2024)  
Sterilization of health care products – Moist heat – Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO 17665:2024; EN ISO 17665:2024)

## **HZN/TO 557, *Zaštitna odjeća***

HRN EN 14325:2024 en pr  
Odjeća za zaštitu od kemikalija – Metode ispitivanja i klasifikacija svojstava za materijale, šavove, rastavljive i trajne spojeve odjeće za zaštitu od kemikalija (EN 14325:2018+A1:2024)  
Protective clothing against chemicals – Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages (EN 14325:2018+A1:2024)

HRN EN 14404-1:2024 en pr  
Osobna zaštitna oprema – Štitnici koljena za rad u klečećem položaju – 1. dio: Metode ispitivanja (EN 14404-1:2024)  
Personal protective equipment – Knee protectors for work in the kneeling Position – Part 1: Test methods (EN 14404-1:2024)

HRN EN 14404-2:2024 en pr  
Osobna zaštitna oprema – Štitnici koljena za rad u klečećem položaju – 2. dio: Zahtjevi za štitnike koljena koji se nose (tip 1) (EN 14404-2:2024)  
Personal protective equipment – Knee protectors for work in the kneeling position – Part 2: Requirements for wearable knee protectors (type 1) (EN 14404-2:2024)

HRN EN 14404-3:2024 en pr  
Osobna zaštitna oprema – Štitnici koljena za rad u klečećem položaju – 3. dio: Zahtjevi za individualne kombinacije štitnika koljena i odjeće (tip 2) (EN 14404-3:2024)  
Personal protective equipment – Knee protectors for work in the kneeling position – Part 3: Requirements for the individual combination of knee pads and garments (type 2) (EN 14404-3:2024)

HRN EN 14404-4:2024 en pr  
Osobna zaštitna oprema – Štitnici koljena za rad u klečećem položaju – 4. dio: Zahtjevi za kombinacije interoperabilnih štitnika koljena i odjeće (tip 2) (EN 14404-4:2024)  
Personal protective equipment – Knee protectors for work in the kneeling position – Part 4: Requirements for the combination of interoperable knee pads and garments (type 2) (EN 14404-4:2024)

HRN EN 14404-5:2024 en pr  
Osobna zaštitna oprema – Štitnici koljena za rad u klečećem položaju – 5. dio: Zahtjevi za podloške za koljena (tip 3) (EN 14404-5:2024)  
Personal protective equipment – Knee protectors for work in the kneeling position – Part 5: Requirements for knee mats (type 3) (EN 14404-5:2024)

HRN EN 14404-6:2024 en pr  
Osobna zaštitna oprema – Štitnici koljena za rad u klečećem položaju – 6. dio: Zahtjevi za sustave za klečanje (tip 4) (EN 14404-6:2024)  
Personal protective equipment – Knee protectors for work in the kneeling position – Part 6: Requirements for kneeling systems (type 4) (EN 14404-6:2024)

HRN EN ISO 24231:2024 en pr  
Zaštitna odjeća – Zaštita od kiše – Metoda ispitivanja otpornosti gotovih odjevnih predmeta na padajuće kapi velike energije (ISO 24231:2024; EN ISO 24231:2024)  
Protective clothing – Protection against rain – Test method for ready-made garments against high energy droplets from above (ISO 24231:2024; EN ISO 24231:2024)

## **HZN/TO 560, *Tekstilni proizvodi***

HRN EN 17134-1:2024 en pr  
Tekstil i tekstilni proizvodi – Određivanje biocidnih aditiva – 1. dio: 2-fenilfenol i triklosan metodom tekuće kromatografije (EN 17134-1:2024)  
Textiles and textile products – Determination of biocide additives – Part 1: 2-Phenylphenol and triclosan, method using liquid chromatography (EN 17134-1:2024)

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

HRN EN ISO 10297:2024 en pr  
Plinske boce – Ventili boca – Specifikacija i ispitivanje tipa (ISO 10297:2024, ispravljena verzija 2024-05; EN ISO 10297:2024)  
Gas cylinders – Cylinder valves – Specification and type testing (ISO 10297:2024, Corrected version 2024-05; EN ISO 10297:2024)

HRN EN 13322-1:2024 en pr  
Prenosive plinske boce – Ponovno punjive zavarene čelične plinske boce – Projektiranje i konstruiranje – 1. dio: Ugljični čelik (EN 13322-1:2024)  
Transportable gas cylinders – Refillable welded steel gas cylinders – Design and construction – Part 1: Carbon steel (EN 13322-1:2024)

## **HZN/TO 562, *Alatni strojevi i alati***

HRN EN ISO 19085-6:2024 en pr  
Strojevi za obradu drva – Sigurnost – 6. dio: Jednovretni strojevi za vertikalno oblikovanje kalupa (ISO 19085-6:2024; EN ISO 19085-6:2024)  
Woodworking machines – Safety – Part 6: Single spindle vertical moulding machines ("toupies") (ISO 19085-6:2024; EN ISO 19085-6:2024)

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

HRN EN 17855:2024 en pr  
Hrana – Minimalni izvedbeni kriteriji za kvantitativno određivanje prehrambenih alergena mlijeka, jaja, kikirikija, lješnjaka, badema, oraha, indijskog oraha, pekan oraha, brazilskog oraha, pistacija, oraha makadamije, pšenice, lupine, sezama, senfa, soje, celera, ribe, mekušaca i rakova (EN 17855:2024)  
Foodstuffs – Minimum performance requirements for quantitative measurement of the food allergens milk, egg, peanut, hazelnut, almond, walnut, cashew, pecan nut, brazil nut, pistachio nut, macadamia nut, wheat, lupine, sesame, mustard, soy, celery, fish, molluscs and crustaceans (EN 17855:2024)

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

HRN EN ISO 4349:2024 en pr  
Kruta oporabljena goriva – Određivanje indeksa recikliranja za koprocesiranje (ISO 4349:2024; EN ISO 4349:2024)  
Solid recovered fuels – Determination of the Recycling Index for co-processing (ISO 4349:2024; EN ISO 4349:2024)

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

HRN EN 17952:2024 en pr  
Upravljanje vrijednostima – Funkcijska analiza – Osnovne značajke, zahtjevi i upute za primjenu (EN 17952:2024)  
Value management – Function analysis – Basic characteristics, requirements and guidance for implementation (EN 17952:2024)

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

HRN EN ISO 18187:2024 en pr  
Kvaliteta tla – Kontaktno ispitivanje čvrstih uzoraka uporabom aktivnosti dehidrogenaze *Arthrobacter globiformis* (ISO 18187:2024; EN ISO 18187:2024)  
Soil quality – Contact test for solid samples using the dehydrogenase activity of *Arthrobacter globiformis* (ISO 18187:2024; EN ISO 18187:2024)

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

HRN EN IEC 62057-3:2024 en pr  
Električna brojila – Ispitna oprema, tehnike i procedure – 3. dio: Sustav za automatsko ispitivanje brojila (AMTS) (IEC 62057-3:2024; EN IEC 62057-3:2024)  
Electrical energy meters – Test equipment, techniques and procedures – Part 3: Automatic meter testing system (AMTS) (IEC 62057-3:2024; EN IEC 62057-3:2024)

## **HZN/TO E17, *Sklopni i upravljački uređaji***

HRN EN IEC 62271-214:2024 en pr  
Visokonaponska sklopna aparatura – 214. dio: Klasifikacija prema internom električnom luku za izmjeničnu sklopnu aparaturu u metalnom kućištu postavljenu na stup, za nazivne napone iznad 1 kV do uključivo 52 kV (IEC 62271-214:2024; EN IEC 62271-214:2024)  
High-voltage switchgear and controlgear – Part 214: Internal arc classification for AC metal-enclosed pole-mounted switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-214:2024; EN IEC 62271-214:2024)

## **HZN/TO E20, *Električni kabeli***

HRN IEC 63026:2024 en pr  
Podmorski energetska kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 6 kV (Um = 7,2 kV) do 60 kV (Um = 72,5 kV) – Metode ispitivanja i zahtjevi (IEC 63026:2019)  
Submarine power cables with extruded insulation and their accessories for rated voltages from 6 kV (Um = 7,2 kV) up to 60 kV (Um = 72,5 kV) – Test methods and requirements (IEC 63026:2019)

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

HRN EN IEC 60598-2-2:2024 en pr  
Svjetiljke – Dio 2-2: Posebni zahtjevi – Uvučene svjetiljke i uvučene svjetiljke koje propuštaju zrak (IEC 60598-2-2:2023; EN IEC 60598-2-2:2024)  
Luminaires – Part 2-2: Particular requirements – Recessed luminaires and recessed air-handling luminaires (IEC 60598-2-2:2023; EN IEC 60598-2-2:2024)

HRN EN 62386-302:2017/A1:2024 en pr  
Digitalno upravljanje rasvjetom – 302. dio: Posebni zahtjevi – Ulazne naprave – Apsolutne ulazne naprave (IEC 62386-302:2017/am1:2024; EN 62386-302:2017/A1:2024)  
Digital addressable lighting interface – Part 302: Particular requirements – Input devices – Absolute input devices (IEC 62386-302:2017/am1:2024; EN 62386-302:2017/A1:2024)

HRN EN 62386-303:2017/A1:2024 en pr  
Digitalno upravljanje rasvjetom – 303. dio: Posebni zahtjevi – Ulazne naprave – Senzor prisutnosti (IEC 62386-303:2017/am1:2024; EN 62386-303:2017/A1:2024)  
Digital addressable lighting interface – Part 303: Particular requirements – Input devices – Occupancy sensor (IEC 62386-303:2017/am1:2024; EN 62386-303:2017/A1:2024)

HRN EN 62386-304:2017/A1:2024 en pr  
Digitalno upravljanje rasvjetom – 304. dio: Posebni zahtjevi – Ulazne naprave – Senzor svjetla (IEC 62386-304:2017/am1:2024; EN 62386-304:2017/A1:2024)  
Digital addressable lighting interface – Part 304: Particular requirements – Input devices – Light sensor (IEC 62386-304:2017/am1:2024; EN 62386-304:2017/A1:2024)

## **HZN/TO E55, *Žice za namote***

HRN EN 60317-67:2017/A1:2024 en pr  
Specifikacije pojedinih vrsta žica za namote – 67. dio: Profilna aluminijaska žica lakirana polivinil acetalom, razreda 105 (IEC 60317-67:2017/am1:2024; EN 60317-67:2017/A1:2024)  
Specifications for particular types of winding wires – Part 67: Polyvinyl acetal enamelled rectangular aluminium wire, class 105 (IEC 60317-67:2017/am1:2024; EN 60317-67:2017/A1:2024)

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

HRN EN IEC 61223-3-8:2024 en pr  
Vrednovanje i redovito ispitivanje u medicinskoj slikovnoj dijagnostici – Dio 3-8: Ispitivanja prihvatljivosti i nepromjenljivosti – Učinkovitost snimanja rendgenske opreme za radiografiju i radioskopiju (IEC 61223-3-8:2024; EN IEC 61223-3-8:2024)  
Evaluation and routine testing in medical imaging departments – Part 3-8: Acceptance and constancy tests – Imaging performance of X-ray equipment for radiography and radiology (IEC 61223-3-8:2024; EN IEC 61223-3-8:2024)

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

HRN EN IEC 61784-3:2021/A1:2024 en pr  
Industrijske komunikacijske mreže – Profili – 3. dio: Industrijske sabirnice (fieldbus) za funkcijsku sigurnost – Opća pravila i definicije profila (IEC 61784-3:2021/am1:2024; EN IEC 61784-3:2021/A1:2024)  
Industrial communication networks – Profiles – Part 3: Functional safety fieldbuses – General rules and profile definitions (IEC 61784-3:2021/am1:2024; EN IEC 61784-3:2021/A1:2024)

HRN EN IEC 61784-5-12:2024 en pr  
Industrijske mreže – Profili – Dio 5-12: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 12 (IEC 61784-5-12:2024; EN IEC 61784-5-12:2024)  
Industrial networks – Profiles – Part 5-12: Installation of fieldbuses – Installation profiles for CPF 12 (IEC 61784-5-12:2024; EN IEC 61784-5-12:2024)

HRN EN IEC 61784-5-19:2024 en pr  
Industrijske mreže – Profili – Dio 5-19: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 19 (IEC 61784-5-19:2024; EN IEC 61784-5-19:2024)  
Industrial networks – Profiles – Part 5-19: Installation of fieldbuses – Installation profiles for CPF 19 (IEC 61784-5-19:2024; EN IEC 61784-5-19:2024)

HRN EN IEC 61784-5-2:2019/A1:2024 en pr  
Industrijske komunikacijske mreže – Profili – Dio 5-2: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 2 (IEC 61784-5-2:2018/am1:2024; EN IEC 61784-5-2:2018/A1:2024)  
Industrial communication networks – Profiles – Part 5-2: Installation of fieldbuses – Installation profiles for CPF 2 (IEC 61784-5-2:2018/am1:2024; EN IEC 61784-5-2:2018/A1:2024)

HRN EN IEC 61784-5-3:2019/A1:2024 en pr  
Industrijske komunikacijske mreže – Profili – Dio 5-3: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 3 (IEC 61784-5-3:2018/am1:2024; EN IEC 61784-5-3:2018/A1:2024)  
Industrial communication networks – Profiles – Part 5-3: Installation of fieldbuses – Installation profiles for CPF 3 (IEC 61784-5-3:2018/am1:2024; EN IEC 61784-5-3:2018/A1:2024)

HRN EN IEC 61784-5-6:2024 en pr  
Industrijske mreže – Profili – Dio 5-6: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 6 (IEC 61784-5-6:2024; EN IEC 61784-5-6:2024)  
Industrial networks – Profiles – Part 5-6: Installation of fieldbuses – Installation profiles for CPF 6 (IEC 61784-5-6:2024; EN IEC 61784-5-6:2024)

HRN EN IEC 61784-5-8:2024 en pr  
Industrijske mreže – Profili – Dio 5-8: Instalacija industrijskih sabirnica (fieldbus) – Instalacijski profili za CPF 8 (IEC 61784-5-8:2024; EN IEC 61784-5-8:2024)  
Industrial networks – Profiles – Part 5-8: Installation of fieldbuses – Installation profiles for CPF 8 (IEC 61784-5-8:2024; EN IEC 61784-5-8:2024)

## HZN/TO E78, Rad pod naponom

HRN EN 50528:2024 en pr  
Izolacijske ljestve za upotrebu na ili u blizini postrojenja niskog napona (EN 50528:2024)  
Insulating ladders for use on or near low voltage electrical installations (EN 50528:2024)

## HZN/TO E79, Alarmni sustavi

HRN EN 50726-1:2024 en pr  
Sustavi za hitne slučajeve i opasnosti – 1. dio: Sustavi za odgovor na hitne slučajeve i opasnosti (EDRS) – Osnovni zahtjevi, dužnosti, odgovornosti i aktivnosti (EN 50726-1:2024)  
Emergency and danger systems – Part 1: Emergency and danger response systems (EDRS) – Basic requirements, duties, responsibilities and activities (EN 50726-1:2024)

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

HRN EN IEC 61162-1:2024 en pr  
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalna sučelja – 1. dio: Jedan govornik i više slušatelja (IEC 61162-1:2024; EN IEC 61162-1:2024)  
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 1: Single talker and multiple listeners (IEC 61162-1:2024; EN IEC 61162-1:2024)

HRN EN IEC 61162-2:2024 en pr  
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalna sučelja – 2. dio: Jedan govornik i više slušatelja, brzi prijenos (IEC 61162-2:2024; EN IEC 61162-2:2024)  
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 2: Single talker and multiple listeners, high-speed transmission (IEC 61162-2:2024; EN IEC 61162-2:2024)

HRN EN IEC 61162-450:2024 en pr  
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Digitalna sučelja – 450. dio: Više govornika i više slušatelja – Ethernet interkonekcija (IEC 61162-450:2024; EN IEC 61162-450:2024)  
Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 450: Multiple talkers and multiple listeners – Ethernet interconnection (IEC 61162-450:2024; EN IEC 61162-450:2024)

## HZN/TO E112, Procjena i značajke električnih izolacijskih materijala i sustava

HRN EN IEC 62631-2-3:2024 en pr  
Dielektrična i otporna svojstva čvrstih izolacijskih materijala – Dio 2-3: Relativna permitivnost i faktor gubitaka – Metoda kontaktne elektrode za izolatorske filmove – metode izmjenične struje (IEC 62631-2-3:2024; EN IEC 62631-2-3:2024)  
Dielectric and resistive properties of solid insulating materials – Part 2-3: Relative permittivity and dissipation factor – Contact electrode method for insulating films – AC methods (IEC 62631-2-3:2024; EN IEC 62631-2-3:2024)

## HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 908-3 V15.1.1:2024 en pr  
IMT celularne mreže – Harmonizirana norma za pristup radijskom spektru – 3. dio: Bazne postaje (BS) za CDMA s izravnim raspršenjem spektra (UTRA FDD) (EN 301 908-3 V15.1.1:2024)  
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS) Release 15 (EN 301 908-3 V15.1.1:2024)

HRN EN 303 661 V1.1.1:2024 en pr  
Uređaji kratkoga dometa (SRD) – Zemaljski radar sa sintetskim otvorom (GBSAR) u frekvencijskom području od 17,1 GHz do 17,3 GHz i zemaljski radar visoke razlučivosti sa sintetskim otvorom (HD-GBSAR) u frekvencijskom području od 76 GHz do 77 GHz – Harmonizirana norma za pristup radijskom spektru (EN 303 661 V1.1.1:2024)  
Short Range Devices (SRD) – Ground Based Synthetic Aperture Radar (GBSAR) in the frequency range 17,1 GHz to 17,3 GHz and High Definition Ground Based Synthetic Aperture Radar (HD-GBSAR) in the frequency range 76 GHz to 77 GHz – Harmonised Standard for access to radio spectrum (EN 303 661 V1.1.1:2024)

HRN EN 303 753 V1.1.1:2024 en pr  
Sustavi za širokopojasni prijenos podataka (WDTS) za radijsku opremu pokretne i nepokretne mreže koja radi u frekvencijskom području od 57 GHz do 71 GHz – Harmonizirana norma za pristup radijskom spektru (EN 303 753 V1.1.1:2024)  
Wideband Data Transmission Systems (WDTS) for Mobile and Fixed Radio Equipment operating in the 57-71 GHz band – Harmonised Standard for access to radio spectrum (EN 303 753 V1.1.1:2024)

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

HRN EN ISO 11890-1:2024 en pr  
Boje i lakovi – Određivanje sadržaja hlapljivih organskih tvari (VOC) i/ili poluhlapljivih organskih tvari (SVOC) – 1. dio: Gravimetrijska metoda određivanja VOC-a (ISO 11890-1:2024; EN ISO 11890-1:2024)  
Paints and varnishes – Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content – Part 1: Gravimetric method for VOC determination (ISO 11890-1:2024; EN ISO 11890-1:2024)

## HZN/TU I1, Strojarstvo 1

HRN EN ISO/ASTM 52928:2024 en pr  
Aditivna proizvodnja metala – Sirovine – Upravljanje životnim ciklusom praha (ISO/ASTM 52928:2024; EN ISO/ASTM 52928:2024)  
Additive manufacturing of metals – Feedstock materials – Powder life cycle management (ISO/ASTM 52928:2024; EN ISO/ASTM 52928:2024)



## HZN/TU I2, Strojstvo 2

HRN EN ISO 12183:2024 en pr  
Tehnologija nuklearnog goriva – Kulometrijsko mjerenje plutonija s kontroliranim potencijalom (ISO 12183:2024; EN ISO 12183:2024)  
Nuclear fuel technology – Controlled-potential coulometric measurement of plutonium (ISO 12183:2024; EN ISO 12183:2024)

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

HRN EN 455-2:2024 en pr  
Medicinske rukavice za jednokratnu upotrebu – 2. dio: Zahtjevi i ispitivanje fizičkih svojstava (EN 455-2:2024)  
Medical gloves for single use – Part 2: Requirements and testing for physical properties (EN 455-2:2024)

HRN EN ISO 5832-1:2024 en pr  
Kirurški implantati – Metalni materijali – 1. dio: Kovani nehrđajući čelik (ISO 5832-1:2024; EN ISO 5832-1:2024)  
Implants for surgery – Metallic materials – Part 1: Wrought stainless steel (ISO 5832-1:2024; EN ISO 5832-1:2024)

HRN EN ISO 5832-7:2024 en pr  
Kirurški implantati – Metalni materijali – 7. dio: Legura kobalta, kroma, nikla, molibdena i željeza pogodna za kovanje i hladno oblikovanje (ISO 5832-7:2024; EN ISO 5832-7:2024)  
Implants for surgery – Metallic materials – Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO 5832-7:2024; EN ISO 5832-7:2024)

HRN EN ISO 8637-2:2024 en pr  
Izvantjelesni sustavi za pročišćavanje krvi – 2. dio: Sustavi za izvantjelesnu cirkulaciju krvi i tekućina za uređaje za hemodijalizu, hemodijafiltriranje, hemofiltriranje i hemokonzentraciju (ISO 8637-2:2024; EN ISO 8637-2:2024)  
Extracorporeal systems for blood purification – Part 2: Extracorporeal blood and fluid circuits for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (ISO 8637-2:2024; EN ISO 8637-2:2024)

HRN EN ISO 23402-3:2024 en pr  
Stomatologija – Prijenosna stomatološka oprema za primjenu u privremenim okruženjima zdravstvene skrbi – 3. dio: Prijenosni usisni uređaji (ISO 23402-3:2024; EN ISO 23402-3:2024)  
Dentistry – Portable dental equipment for use in non-permanent healthcare environment – Part 3: Portable suction equipment (ISO 23402-3:2024; EN ISO 23402-3:2024)

HRN EN ISO 23500-3:2024 en pr  
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 3. dio: Voda za hemodijalizu i srodne terapije (ISO 23500-3:2024; EN ISO 23500-3:2024)  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 3: Water for haemodialysis and related therapies (ISO 23500-3:2024; EN ISO 23500-3:2024)

HRN EN ISO 23500-4:2024 en pr  
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 4. dio: Koncentrati za hemodijalizu i srodne terapije (ISO 23500-4:2024; EN ISO 23500-4:2024)  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 4: Concentrates for haemodialysis and related therapies (ISO 23500-4:2024; EN ISO 23500-4:2024)

HRN EN ISO 23500-5:2024 en pr  
Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 5. dio: Kvaliteta tekućine za hemodijalizu i srodne terapije (ISO 23500-5:2024; EN ISO 23500-5:2024)  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 5: Quality of dialysis fluid for haemodialysis and related therapies (ISO 23500-5:2024; EN ISO 23500-5:2024)

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

HRN EN 2559:2022/A1:2024 en pr  
Zrakoplovstvo – Preimpregnirana ugljična, staklena i aramidna vlakna – Određivanje sadržaja smola i sadržaja vlakana i mase vlakana po jedinici površine (EN 2559:2022/A1:2024)  
Aerospace series – Carbon, glass and aramid fibre preimpregnates – Determination of the resin and fibre content and the mass of fibre per unit area (EN 2559:2022/A1:2024)

## HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60721-3-9:2024 en pr  
Razredba uvjeta okoliša – Dio 3-9: Razredba skupina parametara okoliša i njihovog intenziteta – Mikroklima unutar proizvoda (IEC 60721-3-9:2024; EN IEC 60721-3-9:2024)  
Classification of environmental conditions – Part 3-9: Classification of groups of environmental parameters and their severities – Microclimates inside products (IEC 60721-3-9:2024; EN IEC 60721-3-9:2024)

## HZN/TU V1, Elektronika 1

HRN EN IEC 60793-1-41:2024 en pr  
Optička vlakna – Dio 1-41: Metode mjerenja i postupci ispitivanja – Širina pojasa (IEC 60793-1-41:2024; EN IEC 60793-1-41:2024)  
Optical fibres – Part 1-41: Measurement methods and test procedures – Bandwidth (IEC 60793-1-41:2024; EN IEC 60793-1-41:2024)

HRN EN IEC 60793-1-45:2024 en pr  
Optička vlakna – Dio 1-45: Metode mjerenja i postupci ispitivanja – Promjer polja moda (IEC 60793-1-45:2024; EN IEC 60793-1-45:2024)  
Optical fibres – Part 1-45: Measurement methods and test procedures – Mode field diameter (IEC 60793-1-45:2024; EN IEC 60793-1-45:2024)

HRN EN IEC 60794-1-212:2024 en pr  
Svjetlovodni kabeli – Dio 1-212: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja utjecaja okoliša – Temperaturni ciklus s kabelskim elementima pričvršćenim na oba kraja, metoda F12 (IEC 60794-1-212:2024; EN IEC 60794-1-212:2024)  
Optical fibre cables – Part 1-212: Generic specification – Basic optical cable test procedures – Environmental test methods – Temperature cycling with cable elements fixed at both ends, Method F12 (IEC 60794-1-212:2024; EN IEC 60794-1-212:2024)

HRN EN IEC 60794-1-217:2024 en pr  
Svjetlovodni kabeli – Dio 1-217: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja utjecaja okoliša – Skupljanje kabela (izbočenje vlakana), metoda F17 (IEC 60794-1-217:2024; EN IEC 60794-1-217:2024)  
Optical fibre cables – Part 1-217: Generic specification – Basic optical cable test procedures – Environmental test methods – Cable shrinkage (fibre protrusion), Method F17 (IEC 60794-1-217:2024; EN IEC 60794-1-217:2024)

HRN EN IEC 60875-1:2024 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Svjetlovodni spojni uređaji neovisni o valnoj duljini – 1. dio: Opća specifikacija (IEC 60875-1:2024; EN IEC 60875-1:2024)  
Fibre optic interconnecting devices and passive components – Non-wavelength-selective fibre optic branching devices – Part 1: Generic specification (IEC 60875-1:2024; EN IEC 60875-1:2024)

HRN EN IEC 61189-2-805:2024 en pr  
Metode ispitivanja za električne materijale, tiskane pločice i druge strukture i sklopove za međusobno povezivanje – Dio 2-805: Ispitivanje X/Y koeficijenta toplinskog širenja (CTE) za tanke osnovne materijale pomoću termomehaničkog analizatora (TMA) (IEC 61189-2-805:2024; EN IEC 61189-2-805:2024)  
Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 2-805: X/Y CTE test for thin base materials by TMA (IEC 61189-2-805:2024; EN IEC 61189-2-805:2024)

HRN EN IEC 61189-2-808:2024 en pr  
Metode ispitivanja za električne materijale, tiskane pločice i druge strukture i sklopove za međusobno povezivanje – Dio 2-808: Mjerenje toplinske otpornosti sklopa metodom toplinskih prijelaza (IEC 61189-2-808:2024; EN IEC 61189-2-808:2024)  
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-808: Thermal resistance of an assembly by thermal transient method (IEC 61189-2-808:2024; EN IEC 61189-2-808:2024)

HRN EN IEC 61300-1:2022/A1:2024 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – 1. dio: Općenito i upute (IEC 61300-1:2022/am1:2024; EN IEC 61300-1:2022/A1:2024)  
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance (IEC 61300-1:2022/am1:2024; EN IEC 61300-1:2022/A1:2024)

HRN EN IEC 61753-082-02:2024 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbene norme – Dio 082-02: Jednomodni upleteni svjetlovodni 1,31/1,55 µm WWDM uređaji za kategoriju C – Kontrolirano unutarnje okruženje (IEC 61753-082-02:2024; EN IEC 61753-082-02:2024)  
Fibre optic interconnecting devices and passive components – Performance standard – Part 082-02: Pigtailed single-mode fibre optic 1,31/1,55 µm WWDM devices for category C – Indoor controlled environment (IEC 61753-082-02:2024; EN IEC 61753-082-02:2024)

HRN EN IEC 61755-3-1:2024 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Optička sučelja konektora – Dio 3-1: Parametri povezivanja jednomodnih vlakana u fizičkom kontaktu bez disperzijskog pomaka – Cilindrične pune cirkonijeve navlake promjera 2,5 mm i 1,25 mm bez kuta (IEC 61755-3-1:2024; EN IEC 61755-3-1:2024)  
Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 3-1: Connector parameters of dispersion unshifted single-mode physically contacting fibres – Non-angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules (IEC 61755-3-1:2024; EN IEC 61755-3-1:2024)

HRN EN IEC 61755-3-2:2024 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Optička sučelja konektora – Dio 3-2: Parametri povezivanja jednomodnih vlakana u fizičkom kontaktu bez disperzijskog pomaka – Cilindrične pune cirkonijeve navlake promjera 2,5 mm i 1,25 mm pod kutem (IEC 61755-3-2:2024; EN IEC 61755-3-2:2024)  
Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 3-2: Connector parameters of dispersion unshifted single-mode physically contacting fibres – Angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules (IEC 61755-3-2:2024; EN IEC 61755-3-2:2024)

HRN EN IEC 61757-7-3:2024 en pr  
Svjetlovodni senzori – Dio 7-3: Mjerenje napona – Polarimetrijska metoda (IEC 61757-7-3:2024; EN IEC 61757-7-3:2024)  
Fibre optic sensors – Part 7-3: Voltage measurement – Polarimetric method (IEC 61757-7-3:2024; EN IEC 61757-7-3:2024)

HRN EN IEC 61978-1:2024 en pr  
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Svjetlovodni pasivni kompezatori kromatske disperzije – 1. dio: Opća specifikacija (IEC 61978-1:2024; EN IEC 61978-1:2024)  
Fibre optic interconnecting devices and passive components – Fibre optic passive chromatic dispersion compensators – Part 1: Generic specification (IEC 61978-1:2024; EN IEC 61978-1:2024)

HRN EN IEC 63203-402-2:2024 en pr  
Nosivi elektronički uređaji i tehnologije – Dio 402-2: Mjerenje performansi nosivih uređaja za tjelesnu aktivnost – Brojanje koraka (IEC 63203-402-2:2024; EN IEC 63203-402-2:2024)  
Wearable electronic devices and technologies – Part 402-2: Performance measurement of fitness wearables – Step counting (IEC 63203-402-2:2024; EN IEC 63203-402-2:2024)

## HZN/TU W1, Energetska elektrotehnika 1

HRN EN 61427-2:2015/A1:2024 en pr  
Sekundarni članci i baterije za obnovljivu pohranu energije – Opći zahtjevi i metode ispitivanja – 2. dio: Primjena u mreži (IEC 61427-2:2015/am1:2024; EN 61427-2:2015/A1:2024)  
Secondary cells and batteries for renewable energy storage – General requirements and methods of test – Part 2: On-grid applications (IEC 61427-2:2015/am1:2024; EN 61427-2:2015/A1:2024)

HRN EN IEC 61820-1-2:2024 en pr  
Električne instalacije za osvjetljavanje i označavanje uzletišta – Dio 1-2: Osnovna načela – Posebni zahtjevi za serijske strujne krugove (IEC 61820-1-2:2024; EN IEC 61820-1-2:2024)  
Electrical installations for lighting and beaconing of aerodromes – Part 1-2: Fundamental principles – Particular requirements for series circuits (IEC 61820-1-2:2024; EN IEC 61820-1-2:2024)

HRN EN IEC 62282-6-107:2024 en pr  
Tehnologija gorivih članaka – Dio 6-107: Energetski sustavi s gorivim mikročlancima – Sigurnost – Indirektne smjese koje reagiraju s vodom (Podjela 4.3) (IEC 62282-6-107:2024; EN IEC 62282-6-107:2024)  
Fuel cell technologies – Part 6-107: Micro fuel cell power systems – Safety – Indirect water-reactive (Division 4.3) compounds (IEC 62282-6-107:2024; EN IEC 62282-6-107:2024)

HRN EN 62841-2-11:2016/A11:2024 en pr  
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Dio 2-11: Posebni zahtjevi za ručne pile s unutarnjim izgaranjem (EN 62841-2-11:2016/A11:2024)  
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-11: Particular requirements for hand-held reciprocating saws (EN 62841-2-11:2016/A11:2024)

HRN EN IEC 62841-4-6:2024 en pr  
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 4-6: Posebni zahtjevi za vrtnu puhače, vrtnu usisavače i vrtnu puhače/usisavače (IEC 62841-4-6:2022; EN IEC 62841-4-6:2024)  
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums (IEC 62841-4-6:2022; EN IEC 62841-4-6:2024)

HRN EN IEC 62841-4-6:2024/A11:2024 en pr  
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 4-6: Posebni zahtjevi za vrtnu puhače, vrtnu usisavače i vrtnu puhače/usisavače (EN IEC 62841-4-6:2024/A11:2024)  
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums (EN IEC 62841-4-6:2024/A11:2024)

### 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 21, *Protupožarna i vatrogasna oprema*

EN 14972-1:2020/prA1 en  
Fixed firefighting systems – Water mist systems – Part 1: Design, installation, inspection and maintenance  
Stabilni protupožarni sustavi – Sustavi vodene magle – 1. dio: Projektiranje, ugradnja, nadzor i održavanje

#### HZN/TO 28, *Naftni proizvodi i maziva*

prEN 14078 en  
Liquid petroleum products – Determination of fatty acid methyl ester (FAME) content in middle distillates – Infrared spectrometry method  
Tekući naftni proizvodi – Određivanje količine metilnih estera masnih kiselina (FAME) u srednjim destilatima – Metoda infracrvene spektrometrije

#### HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

prEN ISO 712-1 en  
Cereals and cereal products – Determination of moisture content – Part 1: Reference method (ISO/FDIS 712-1:2024)  
Žitarice i proizvodi od žitarica – Određivanje količine vode – 1. dio: Referentna metoda (ISO/FDIS 712-1:2024)

EN ISO 22000:2018/prA1 en  
Food safety management systems – Requirements for any organization in the food chain – Amendment 1: Climate action changes (ISO 22000:2018/Amd 1:2024)

EN ISO 34101-1:2020/prA1 en  
Sustainable and traceable cocoa – Part 1: Requirements for cocoa sustainability management systems – Amendment 1: Climate action changes (ISO 34101-1:2019/Amd 1:2024)

#### HZN/TO 69, *Primjena statističkih metoda*

ISO 5725-3:2023 en  
Accuracy (trueness and precision) of measurement methods and results – Part 3: Intermediate precision and alternative designs for collaborative studies  
Točnost (istinitost i preciznost) mjernih metoda i rezultata – 3. dio: Međupreciznost i alternativni modeli za suradničke studije

ISO 7870-2:2023 en  
Control charts – Part 2: Shewhart control charts  
Kontrolni dijagrami – 2. dio: Kontrolni dijagrami prema Shewhartu

#### HZN/TO 89, *Furniri i drvne ploče*

prEN 12369-1 en  
Wood-based panels – Characteristic values for structural design – Part 1: OSB, particleboards and fibreboards  
Ploče na osnovi drva – Svojstvene vrijednosti za projektiranje konstrukcija – 1. dio: OSB, iverice i vlaknate

prEN 12369-2 en  
Wood-based panels – Characteristic values for structural design – Part 2: Plywood  
Ploče na osnovi drva – Svojstvene vrijednosti za projektiranje konstrukcija – 2. dio: Uslojeno drvo

#### HZN/TO 92, *Zaštita od požara*

prEN 15269-5 en  
Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows  
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 5. dio: Otpornost na požar zaokretnih staklenih vrata s metalnim dovratnikom i prozora koji se mogu otvarati

#### HZN/TO 147, *Kvaliteta vode*

prEN ISO 7899-3 en  
Water quality – Enumeration of intestinal enterococci – Part 3: Most probable number method (ISO/DIS 7899-3:2024)  
Kvaliteta vode – Brojenje crijevnih enterokoka – 3. dio: Metoda najvjerojatnijega broja (ISO/DIS 7899-3:2024)

#### HZN/TO 163, *Toplinska izolacija*

EN ISO 12572:2016/prA1 en  
Hygrothermal performance of building materials and products – Determination of water vapour transmission properties – Cup method (ISO 12572:2016/DAMd 1:2024)  
Svojstva građevnih materijala i proizvoda s obzirom na toplinu i vlagu – Određivanje svojstava propusnosti vodene pare – Metoda posude (ISO 12572:2016/DAMd 1)

#### HZN/TO 172, *Optika i optički instrumenti*

prEN ISO 21254-1 en  
Lasers and laser-related equipment – Test methods for laser-induced damage threshold – Part 1: Definitions and general principles (ISO/DIS 21254-1:2024)  
Laseri i pridružena oprema – Metode ispitivanja za pragove oštećenja izazvanih laserom – 1. dio: Definicije i opća načela (ISO/DIS 21254-1:2024)

#### HZN/TO 181, *Sigurnost igraćaka i proizvodi za djecu*

prEN 14372 en  
Child care articles – Cutlery and feeding utensils – Safety requirements and tests  
Proizvodi za dojenčad i malu djecu – Pribor za jelo i hranjenje – Sigurnosni zahtjevi i ispitivanja

#### HZN/TO 211, *Geoinformacije/Geomatika*

prEN ISO 19152-4 en  
Geographic information – Land Administration Domain Model (LADM) – Part 4: Valuation information (ISO/DIS 19152-4:2024)

#### HZN/TO 238, *Čvrsta biogoriva*

prEN ISO 17831-1 en  
Solid biofuels – Determination of mechanical durability of pellets and briquettes – Part 1: Pellets (ISO/DIS 17831-1:2024)  
Čvrsta biogoriva – Određivanje mehaničke izdržljivosti peleta i briketa – 1. dio: Peleti (ISO/DIS 17831-1:2024)

prEN ISO 17831-2 en  
Solid biofuels – Determination of mechanical durability of pellets and briquettes – Part 2: Briquettes (ISO/DIS 17831-2:2024)  
Čvrsta biogoriva – Određivanje mehaničke izdržljivosti peleta i briketa – 2. dio: Briketi (ISO/DIS 17831-2:2024)

#### HZN/TO 301, *Upravljanje energijom i ušteda energije*

EN ISO 50001:2018/prA1 en  
Energy management systems – Requirements with guidance for use – Amendment 1: Climate action changes (ISO 50001:2018/Amd 1:2024)

#### HZN/TO 503, *Metalni materijali*

EN 10253-2:2021/prA1 en  
Butt-welding pipe fittings – Part 2: Non alloy and ferritic alloy steels with specific inspection requirements  
Cijevne spojnice za sučeljeno zavarivanje – 2. dio: Nelegirani i legirani feritni čelici s posebnim zahtjevima za ispitivanje

prEN 10333 en

Steel for packaging – Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption – Tin coated steel (tinplate)  
Čelik za pakiranje – Plosnati čelični proizvodi namijenjeni za uporabu u dodiru s prehrambenim proizvodima i pićima za ljudsku i životinjsku potrošnju – Čelik prevučeni kositrom (pokositreni lim)

prEN 12392 en

Aluminium and aluminium alloys – Wrought products and cast products – Special requirements for products intended for the production of pressure equipment  
Aluminij i aluminijeve legure – Gnječeni proizvodi i lijevani proizvodi – Posebni zahtjevi za proizvode za izradu tlačne opreme

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

EN ISO 29001:2020/prA1 en

Petroleum, petrochemical and natural gas industries – Sector-specific quality management systems – Requirements for product and service supply organizations – Amendment 1: Climate action changes (ISO 29001:2020/Amd 1:2024)  
Industrija nafte, petrokemije i prirodnog plina – Sektorski sustavi upravljanja kvalitetom – Zahtjevi za organizacije koje isporučuju proizvode i usluge – Amandman 1: klimatske promjene (ISO 29001:2020/Amd 1:2024)

### **HZN/TO 521, Usluge održavanja**

EN ISO 41001:2018/prA1 en

Facility management – Management systems – Requirements with guidance for use – Amendment 1: Climate action changes (ISO 41001:2018/Amd 1:2024)

### **HZN/TO 524, Inteligentni transportni sustavi**

prEN ISO 12855 en

Electronic fee collection – Information exchange between service provision and toll charging (ISO/DIS 12855:2024)  
Elektronička naplata – Razmjena informacija između pružanja usluge i naplate cestarine (ISO/DIS 12855:2024)

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

prEN 18088 en

Flexible sheets for waterproofing – Plastics recycling and recycled plastics – Plastic waterproofing sheets  
Savijljive hidroizolacijske trake – Recikliranje plastike i reciklirana plastika – Plastične hidroizolacijske trake

### **HZN/TO 529, Dizalice i prenosila neprekidne dobave**

prEN 14238 en

Cranes – Manually controlled load manipulators  
Granici – Ručno vođeni manipulatori

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

prEN 14973 en

Conveyor belts for use in underground installations – Electrical and flammability safety requirements  
Transportne trake za upotrebu u podzemnim instalacijama – Sigurnosni zahtjevi s obzirom na struju i zapaljivost

### **HZN/TO 531, Plastika i guma**

prEN 478 en

Plastics – Poly(vinyl chloride) (PVC) based profiles – Determination of the appearance after exposure at 150 °C

prEN 514 en

Plastics – Poly(vinyl chloride) (PVC) based profiles – Determination of the strength of welded corners and T-joints  
Plastika – Profili na osnovi poli(vinil-klorida) (PVC) – Određivanje čvrstoće zavarenih uglova i T-spojeva

### **HZN/TO 533, Kolničke konstrukcije**

prEN 12272-1 en

Surface dressing – Test methods – Part 1: Rate of spread and accuracy of spread of binder and chippings  
Površinska obrada – Ispitne metode – 1. dio: Doziranje i preciznost doziranja veziva i zrnja

### **HZN/TO 534, Spremnici za teret**

prEN 13616-1 en

Overfill prevention devices for static tanks for liquid fuels – Part 1: Overfill prevention devices with closure device  
Uređaji za sprječavanje prepunjenosti nepomičnih spremnika za tekuća naftna goriva – 1. dio: Uređaji za sprječavanje prepunjenosti s uređajem za zatvaranje

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

prEN 18080 en

Glass in building – Reaction to fire – Mounting and fixing instructions for glass products and extended application of test results

### **HZN/TO 539, Kemijski dezinficijensi i antiseptici**

EN 16616:2022/prA1 en

Chemical disinfectants and antiseptics – Chemical-thermal textile disinfection – Test method and requirements (phase 2, step 2)  
Kemijski dezinficijensi i antiseptici – Kemijsko-toplinska dezinfekcija tekstila – Metoda ispitivanja i zahtjevi (faza 2, korak 2)

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

prEN 1886 en

Ventilation for buildings – Air handling units – Mechanical performance  
Ventilacija u zgradama – Centralne jedinice za pripremu zraka – Tehničke značajke

### **HZN/TO 550, Opskrba vodom**

prEN 1278 en

Chemicals used for treatment of water intended for human consumption – Ozone  
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Ozon

prEN 1508 en

Water supply – Requirements for systems and components for the storage of water  
Opskrba vodom – Zahtjevi za sustave i dijelove sustava za pohranu vode

prEN 15074 en

Chemicals used for treatment of swimming pool water – Ozone  
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Ozon

prEN 15077 en

Chemicals used for treatment of swimming pool water – Sodium hypochlorite  
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Natrijev hipoklorit

### **HZN/TO 555, Medicinski proizvodi**

prEN ISO 10993-6 en

Biological evaluation of medical devices – Part 6: Tests for local effects after implantation (ISO/DIS 10993-6:2024)  
Biolška procjena medicinskih proizvoda – 6. dio: Ispitivanja lokalnog djelovanja nakon implantacije (ISO/DIS 10993-6:2024)

EN ISO 15223-1:2021/prA1 en

Medical devices – Symbols to be used with information to be supplied by the manufacturer – Part 1: General requirements – Amendment 1: Addition of defined term for authorized representative and Modified EC REP symbol to not be country or region specific (ISO 15223 1:2021/DAmd 1:2024)  
Medicinski proizvodi – Simboli koji se upotrebljavaju s podacima koje osigurava proizvođač – 1. dio: Opći zahtjevi – Amandman 1: Definicija naziva „ovlašteni zastupnik“ i preinačeni simbol EC REP koji se ne odnosi na određenu zemlju ili regiju (ISO 15223 1:2021/DAmd 1:2024)

### **HZN/TO 556, Osobna zaštitna oprema**

prEN 12492 en

Mountaineering equipment – Helmets for mountaineers – Safety requirements and test methods  
Planinarska oprema – Kacige za planinare – Zahtjevi sigurnosti i metode ispitivanja

EN ISO 45001:2023/prA1 en

Occupational health and safety management systems – Requirements with guidance for use – Amendment 1: Climate action changes (ISO 45001:2018/Amd 1:2024)  
Sustavi upravljanja zaštitom zdravlja i sigurnosti pri radu – Zahtjevi s uputama za uporabu – Amandman 1: Aktivnosti koje se odnose na klimatske promjene (ISO 45001:2018/Amd 1:2024)

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

prEN ISO 9809-4 en

Gas cylinders – Design, construction and testing of refillable seamless steel gas cylinders and tubes – Part 4: Stainless steel cylinders with an Rm value of less than 1 100 MPa (ISO/DIS 9809-4:2024)  
Plinske boce – Projektiranje, konstruiranje i ispitivanje ponovo punjivih bešavnih, čeličnih plinskih boca i cilindričnih spremnika – 4. dio: Boce od nehrđajućeg čelika s Rm vrijednosti manjom od 1 100 MPa (ISO/DIS 9809-4:2024)

prEN 12952-1 en

Water-tube boilers and auxiliary installations – Part 1: General  
Vodocijevni kotlovi i pomoćne instalacije – 1. dio: Općenito

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

prEN 18082 en

Foods of animal origin – Multimethod for the determination of pesticide residues using LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE

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

prEN 13451-4 en

Swimming pool equipment – Part 4: Additional specific safety requirements and test methods for starting platforms  
Oprema za bazene – 4. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za startne platforme

prEN 17229 en

Fitness centres – Requirements for centre amenities and operation – Operational and managerial requirements  
Fitness centri – Zahtjevi o sadržajima i poslovanju centra – Zahtjevi za upravljanje i vođenje

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

EN ISO 9001:2015/prA1 en

Quality management systems – Requirements – Amendment 1: Climate action changes (ISO 9001:2015/Amd 1:2024)

EN ISO 15378:2017/prA1 en

Primary packaging materials for medicinal products – Particular requirements for the application of ISO 9001:2015, with reference to good manufacturing practice (GMP) – Amendment 1: Climate action changes (ISO 15378:2017/Amd 1:2024)

ISO 31073:2022 en

Risk management – Vocabulary  
Upravljanje rizicima – Terminološki rječnik

### **HZN/TO 582, *Informacijska sigurnost i upravljanje kontinuitetom poslovanja***

EN ISO 22301:2019/prA1 en

Security and resilience – Business continuity management systems – Requirements – Amendment 1: Climate action changes (ISO 22301:2019/Amd 1:2024)

EN ISO/IEC 27001:2023/prA1 en

Information security, cybersecurity and privacy protection – Information security management systems – Requirements – Amendment 1: Climate action changes (ISO/IEC 27001:2022/Amd 1:2024)  
Informacijska sigurnost, kibernetička sigurnost i zaštita privatnosti – Sustavi upravljanja informacijskom sigurnošću – Zahtjevi – Amandman 1: Aktivnosti koje se odnose na klimatske promjene (ISO/IEC 27001:2022/Amd 1:2024)

### **HZN/TO E17, *Sklopni i upravljački uređaji***

prEN IEC 61439-8:2024 en

Low-voltage switchgear and controlgear assemblies – Part 8: Assemblies for use in photovoltaic installations (IEC 61439-8 ED1)

### **HZN/TO E22, *Energetska elektronika***

prEN IEC 62909-1:2024 en

Bi-directional grid connected power converters – Part 1: General and safety requirements (IEC 62909-1 ED2)  
Dvosmjerno mrežno spojeni energetska pretvarači – 1. dio: Opći i sigurnosni zahtjevi (IEC 62909-1 ED2)

### **HZN/TO E31, *Eksplzivne atmosfere***

EN IEC 60079-25:2022/prA1:2024 en

Explosive atmospheres – Part 25: Intrinsically safe electrical systems (IEC 60079-25/am1 ED3)  
Eksplzivne atmosfere – 25. dio: Samosigurni električni sustavi (IEC 60079-25/am1 ED3)

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

EN 62554:2011/prA2:2024 en

Sample preparation for measurement of mercury level in fluorescent lamps and low-pressure mercury UV radiation sources (IEC 62554/am2 ED1)

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

prEN IEC 60335-2-104:2024 en

Household and similar electrical appliances – Safety – Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment (IEC 60335-2-104:2021)

prEN IEC 60335-2-104:2024/prAA:2024 en

Household and similar electrical appliances – Safety – Part 2-104: Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment

prEN IEC 60335-2-106:2024 en

Household and similar electrical appliances – Safety – Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings (IEC 60335-2-106:2021)  
Kućanski i slični električni aparati – Sigurnost – Dio 2-106: Posebni zahtjevi za ogrjevne jedinice grijalica prostorija postavljenih ispod pomičnih podnih pokrivala (IEC 60335-2-106:2021)

prEN IEC 60335-2-106:2024/prAA:2024 en

Household and similar electrical appliances – Safety – Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings  
Kućanski i slični električni aparati – Sigurnost – Dio 2-106: Posebni zahtjevi za ogrjevne jedinice grijalica prostorija postavljenih ispod pomičnih podnih pokrivala

prEN IEC 60335-2-13:2024 en

Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances (IEC 60335-2-13:2021)  
Kućanski i slični električni aparati – Sigurnost – Dio 2-13: Posebni zahtjevi za friteze, tave za prženje i slične aparate (IEC 60335-2-13:2021)

prEN IEC 60335-2-13:2024/prAA:2024 en

Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances  
Kućanski i slični električni aparati – Sigurnost – Dio 2-13: Posebni zahtjevi za friteze, tave za prženje i slične aparate

prEN IEC 60335-2-16:2024 en

Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers (IEC 60335-2-16:2022)  
Kućanski i slični električni aparati – Sigurnost – Dio 2-16: Posebni zahtjevi za drobilice otpadaka hrane (IEC 60335-2-16:2022)

prEN IEC 60335-2-16:2024/prAA:2024 en  
Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers  
Kućanski i slični električni aparati – Sigurnost – Dio 2-16: Posebni zahtjevi za drobilice otpadaka hrane

prEN IEC 60335-2-17:2024 en  
Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances (IEC 60335-2-17:2022)  
Kućanski i slični električni aparati – Sigurnost – Dio 2-17: Posebni zahtjevi za grijače pokrivače, jastuke i slične gubljive grijače aparate (IEC 60335-2-17:2022)

prEN IEC 60335-2-17:2024/prAA:2024 en  
Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances  
Kućanski i slični električni aparati – Sigurnost – Dio 2-17: Posebni zahtjevi za grijače pokrivače, jastuke i slične gubljive grijače aparate

prEN IEC 60335-2-28:2024 en  
Household and similar electrical appliances – Safety – Part 2-28: Particular requirements for sewing machines (IEC 60335-2-28:2021)  
Kućanski i slični električni aparati – Sigurnost – Dio 2-28: Posebni zahtjevi za šivalice (IEC 60335-2-28:2021)

prEN IEC 60335-2-28:2024/prAA:2024 en  
Household and similar electrical appliances – Safety – Part 2-28: Particular requirements for sewing machines  
Kućanski i slični električni aparati – Sigurnost – Dio 2-28: Posebni zahtjevi za šivalice

prEN IEC 60335-2-3:2024 en  
Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons (IEC 60335-2-3:2022)  
Kućanski i slični električni aparati – Sigurnost – Dio 2-3: Posebni zahtjevi za električna glačala (IEC 60335-2-3:2022)

prEN IEC 60335-2-3:2024/prAA:2024 en  
Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons  
Kućanski i slični električni aparati – Sigurnost – Dio 2-3: Posebni zahtjevi za električna glačala

EN IEC 60335-2-34:2023/prAB:2024 en  
Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors  
Kućanski i slični električni aparati – Sigurnost – Dio 2-34: Posebni zahtjevi za motorne kompresore

prEN IEC 60335-2-4:2024 en  
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors (IEC 60335-2-4:2023)  
Kućanski i slični električni aparati – Sigurnost – Dio 2-4: Posebni zahtjevi za centrifuge rublja (IEC 60335-2-4:2023)

prEN IEC 60335-2-4:2024/prAA:2024 en  
Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors  
Kućanski i slični električni aparati – Sigurnost – Dio 2-4: Posebni zahtjevi za centrifuge rublja

prEN IEC 60335-2-59:2024 en  
Household and similar electrical appliances – Safety – Part 2-59: Particular requirements for insect killers (IEC 60335-2-59:2021)  
Kućanski i slični električni aparati – Sigurnost – Dio 2-59: Posebni zahtjevi za muholovke (IEC 60335-2-59:2021)

prEN IEC 60335-2-59:2024/prAA:2024 en  
Household and similar electrical appliances – Safety – Part 2-59: Particular requirements for insect killers  
Kućanski i slični električni aparati – Sigurnost – Dio 2-59: Posebni zahtjevi za muholovke

EN IEC 60335-2-75:2023/prAB:2024 en  
Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines  
Kućanski i slični električni aparati – Sigurnost – Dio 2-75: Posebni zahtjevi za ugostiteljske raspodjelne aparate i prodajne automate

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

prEN IEC 61675-2:2024 en  
Radionuclide imaging devices – Characteristics and test conditions – Part 2: Gamma cameras for planar, wholebody, and SPECT imaging (IEC 61675-2 ED3)  
Radionuklidne naprave za snimanje – Značajke i ispitni uvjeti – 2. dio: Kamere s gama zrakama za slojevito snimanje i jednofotonsku emisijsku kompjutoriziranu tomografiju (Single photon emission computed tomography –SPECT) (IEC 61675-2 ED3)

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

HD 60364-8-82:2022/prAA:2024 en  
Low-voltage electrical installations – Part 8-82: Functional aspects – Prosumer's low-voltage electrical installations  
Niskonaponske električne instalacije – Dio 8-82: Funkcionalni aspekti – Niskonaponske električne instalacije potrošača-proizvođača

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

EN IEC 61131-2:202X/prAA:2024 en  
Industrial-process measurement and control – Programmable controllers – Part 2: Equipment requirements and tests

## **HZN/TO E69, Cestovna i industrijska električna vozila**

prEN IEC 62840-1:2024 en  
Electric vehicle battery swap system – Part 1: General and guidance (IEC 62840-1 ED1)

prEN IEC 62840-2:2024 en  
Electric vehicle battery swap system – Part 2: Safety requirements (IEC 62840-2 ED2)  
Sustav za izmjenu baterija električnih vozila – 2. dio: Sigurnosni zahtjevi (IEC 62840-2 ED2)

prEN IEC 63380-2:2024 en  
Local charging station management systems and local energy management systems network connectivity and information exchange – Part 2: Specific data model mapping (IEC 63380-2 ED1)

prEN IEC 63380-3:2024 en  
Local charging station management systems and local energy management systems network connectivity and information exchange – Part 3: Communication protocol and cybersecurity specific aspects (IEC 63380-3 ED1)

## **HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu**

prEN IEC 60730-2-23:2024 en  
Automatic electrical controls – Part 2-23: Particular requirements for electrical sensors and sensor elements (IEC 60730-2-23 ED1)

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

EN IEC 62288:2022/prA1:2024 en  
Maritime navigation and radiocommunication equipment and systems – Presentation of navigation-related information on shipborne navigational displays – General requirements, methods of testing and required test results (IEC 62288/am1 ED3)  
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Prikaz navigacijskih podataka na brodskim navigacijskim pokazivačima – Opći zahtjevi, metode ispitivanja i zahtijevani rezultati ispitivanja (IEC 62288/am1 ED3)

## **HZN/TO E88, Vjetroagregati**

EN IEC 61400-5:2020/prA1:2024 en  
Wind energy generation systems – Part 5: Wind turbine blades (IEC 61400-5/am1 ED1)  
Sustavi za proizvodnju energije iz vjetra – 5. dio: Lopatice vjetroagregata (IEC 61400-5/am1 ED1)

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

- prEN IEC 62680-1-2:2024 en  
Universal serial bus interfaces for data and power – Part 1-2: Common components – USB power delivery specification (IEC 62680-1-2 ED7)  
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-2: Opći dijelovi – Specifikacija USB-a za isporuku energije (IEC 62680-1-2 ED7)
- prEN IEC 62680-1-3:2024 en  
Universal serial bus interfaces for data and power – Part 1-3: Common components – USB type-c® cable and connector specification (IEC 62680-1-3 ED6)  
Sučelja univerzalne serijske sabirnice za podatke i napajanje – Dio 1-3: Opći dijelovi – Specifikacija kabela i konektora za USB tipa C® (IEC 62680-1-3 ED6)
- prEN IEC 63430:2024 en  
Data container for wearable sensor (IEC 63430 ED1)

## **HZN/TO E112, Procjena i značajke električnih izolacijskih materijala i sustava**

- prEN IEC 60112:2024 en  
Method for the determination of the proof and the comparative tracking indices of solid insulating materials (IEC 60112 ED6)  
Metode za određivanje ispitnog i komparativnog indeksa puzajućih struja krutih izolacijskih materijala (IEC 60112 ED6)

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

- prEN ISO 16276-1 en  
Corrosion protection of steel structures by protective paint systems – Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating – Part 1: Pull-off testing (ISO/DIS 16276-1:2024)  
Zaštita od korozije čeličnih konstrukcija zaštitnim sustavima boja – Ocjenjivanje i kriteriji prihvatljivosti za adheziju/koheziju (čvrstoću loma) prevlaka – 1. dio: Ispitivanje vlačnom metodom (ISO/DIS 16276-1:2024)
- prEN ISO 16276-2 en  
Corrosion protection of steel structures by protective paint systems – Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating – Part 2: Cross-cut testing and X-cut testing (ISO/DIS 16276-2:2024)  
Zaštita od korozije čeličnih konstrukcija zaštitnim sustavima boja – Ocjenjivanje i kriteriji prihvatljivosti za adheziju/koheziju (čvrstoću loma) prevlaka – 2. dio: Ispitivanje zarezivanjem mrežice i zarezivanjem X-znaka (ISO/DIS 16276-2:2024)

## **HZN/TU F1, Osnovne norme 1**

- EN ISO 37101:2022/prA1 en  
Sustainable development in communities – Management system for sustainable development – Requirements with guidance for use – Amendment 1: Climate action changes (ISO 37101:2016/Amd 1:2024)

## **HZN/TU I2, Strojarstvo 2**

- prEN ISO 19337 en  
Nanotechnologies – Characteristics of working suspensions of nano-objects for in vitro assays to evaluate inherent nano-object toxicity (ISO 19337:2023)  
Nanotehnologije – Karakteristike radnih suspenzija nano-objekata za in vitro testove za procjenu inherentne toksičnosti nano-objekata (ISO 19337:2023)
- EN ISO 19443:2022/prA1 en  
Quality management systems – Specific requirements for the application of ISO 9001:2015 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS) – Amendment 1: Climate action changes (ISO 19443:2018/Amd 1:2024)  
Sustavi upravljanja kvalitetom – Posebni zahtjevi za primjenu ISO 9001:2015 za organizacije u lancu opskrbe sektora nuklearne energije koje isporučuju proizvode i usluge važne za nuklearnu sigurnost (ITNS) – Amandman 1: Aktivnosti koje se odnose na klimatske promjene (ISO 19443:2018/Amd 1:2024)

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

- prEN ISO 18618 en  
Dentistry – Interoperability of CAD/CAM systems (ISO/DIS 18618:2024)  
Stomatologija – Interoperabilnost CAD/CAM sustava (ISO/DIS 18618:2024)
- prEN ISO 21850-2 en  
Dentistry – Materials for dental instruments – Part 2: Polymers (ISO/DIS 21850-2:2024)  
Stomatologija – Materijali za zubarske instrumente – 2. dio: Polimeri (ISO/DIS 21850-2:2024)

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

- prEN 2450 en  
Aerospace series – Steel 31NiMoCr10-5-3 – 1 230 MPa ≤ Rm ≤ 1 420 MPa – Bars – De ≤ 40 mm  
Zrakoplovstvo – Čelik 31Ni10 – 1 230 MPa ≤ Rm ≤ 1 420 MPa – Šipke – De ≤ 40 mm
- prEN 2451 en  
Aerospace series – Steel 31NiMoCr10-5-3 – 1 230 MPa ≤ Rm ≤ 1 420 MPa – Forgings – De ≤ 40 mm  
Zrakoplovstvo – Čelik 31Ni10 – 1 230 MPa ≤ Rm ≤ 1 420 MPa – Otkivci – De ≤ 40 mm
- prEN 6049-009 en  
Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 009: Self-wrapping fire protection sleeve, flexible, post-installation, operating temperature from -55 °C to 260 °C – Product standard  
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitna navlaka od meta-aramidnih vlakana – Dio 009: Samoomatajuća protupožarna zaštitna navlaka, prilagodljiva, za naknadnu ugradnju, radne temperature od -55 °C do 260 °C – Norma za proizvod
- prEN ISO 10896-2 en  
Rough-terrain trucks – Safety requirements and verification – Part 2: Slewing trucks (ISO/DIS 10896-2:2024)

## **HZN/TU U1, Opća elektrotehnika 1**

- EN IEC 60664-1:2020/prA1:2024 en  
Insulation coordination for equipment within low-voltage supply systems – Part 1: Principles, requirements and tests (IEC 60664-1/am1 ED3)  
Kordinacija izolacije za opremu u niskonaponskim sustavima napajanja – 1. dio: Načela, zahtjevi i ispitivanja (IEC 60664-1/am1 ED3)

## **HZN/TU V1, Elektronika 1**

- FprEN IEC 60384-8:2024 en  
Fixed capacitors for use in electronic equipment – Part 8: Sectional specification – Fixed capacitors of ceramic dielectric, class 1 (IEC 60384-8 ED5)  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 8. dio: Sekcijska specifikacija: Fiksni kondenzatori s keramičkim dielektrikom, razreda 1 (IEC 60384-8 ED5)
- FprEN IEC 60384-9:2024 en  
Fixed capacitors for use in electronic equipment – Part 9: Sectional specification – Fixed capacitors of ceramic dielectric, class 2 (IEC 60384-9 ED5)  
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 9. dio: Sekcijska specifikacija: Fiksni kondenzatori s keramičkim dielektrikom, razreda 2 (IEC 60384-9 ED5)
- prEN IEC 60794-1-205:2024 en  
Optical fibre cables – Part 1-205: Generic specification – Basic optical cable test procedures – Environmental test methods – Water penetration, method F5 (IEC 60794-1-205 ED1)
- prEN IEC 60794-1-214:2024 en  
Optical fibre cables – Part 1-214: Generic specification – Basic optical cable test procedures – Environmental test methods – Cable UV resistance test, method F14 (IEC 60794-1-214 ED1)
- prEN IEC 60794-1-302:2024 en  
Optical fibre cables – Part 1-302: Generic specification – Basic optical cable test procedures – Cable element test methods – Ribbon dimensions and geometry – Visual method, Method G2 (IEC 60794-1-302 ED1)

prEN IEC 61753-022-13:2024 en  
Fibre optic interconnecting devices and passive components – Performance standard – Part 022-13: Multimode fibre optic connectors terminated as pigtailed and patchcords for category OP+ HD- Extended outdoor protected environment with additional heat dissipation (IEC 61753-022-13 ED1)

EN 62148-2:2011/prA1:2024 en  
Fibre optic active components and devices – Package and interface standards – Part 2: SFF 10-pin transceivers (IEC 62148-2/am1 ED2)

prEN IEC 63185:2024 en  
Measurement of the complex permittivity for low-loss dielectric substrates balanced-type circular disk resonator method (IEC 63185 ED2)  
Mjerenje složene permitivnosti dielektričnih podloga s malim gubicima metodom simetričnog rezonatora kružnog diska (IEC 63185 ED2)

EN IEC 63281-3-1:2024 en  
E-Transporters – Part 3-1: Performance test method for total run time of e-scooters with consideration to environmental conditions of actual use (IEC 63281-3-1:2024)

## **HZN/TU W1, Energetska elektrotehnika 1**

prEN IEC 62841-4-11:2024 en  
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-11: Particular requirements for edgers (IEC 62841-4-11 ED1)

prEN IEC 63522-27:2024 en  
Electrical relays – Testing and measurement – Part 27: Electrical contact noise (IEC 63522-27 ED1)

prEN IEC 63522-28:2024 en  
Electrical relays – Tests and measurement – Part 28: Thermoelectric electromotive force (e.m.f.) (IEC 63522-28 ED1)

prEN IEC 63522-38:2024 en  
Electrical relays – Testing and measurement – Part 38: Mechanical interlock (IEC 63522-38 ED1)

prEN IEC 63522-44:2024 en  
Electrical relays – Tests and measurements – Part 44: Corrosive atmosphere due to salt mist (IEC 63522-44 ED1)

prEN IEC 63522-46:2024 en  
Electrical relays – Tests and measurements – Part 46: Impulse voltage test (IEC 63522-46 ED1)

prEN IEC 63522-49:2024 en  
Electrical relays – Tests and measurements – Part 49: Long term stability of sealing (IEC 63522-49 ED1)

## **1.4 Povučene hrvatske norme**

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

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

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

HRN EN ISO 12625-5:2017 en  
Tanki upijajući papir (tissue) i proizvodi od tankoga upijajućeg papira – 5. dio: Određivanje prekidne čvrstoće u mokrom stanju (ISO 12625-5:2016; EN ISO 12625-5:2016)  
Tissue paper and tissue products – Part 5: Determination of wet tensile strength (ISO 12625-5:2016; EN ISO 12625-5:2016)  
- zamijenjena s: HRN EN ISO 12625-5:2024

HRN EN ISO 12625-16:2015 en  
Tanki upijajući papiri (tissue) i proizvodi od tankoga upijajućeg papira – 16. dio: Određivanje optičkih svojstava – Neprozirnost (pozadina papira) – Metoda refleksne difuzije (ISO 12625-16:2015; EN ISO 12625-16:2015)  
Tissue paper and tissue products – Part 16: Determination of optical properties – Opacity (paper backing) – Diffuse reflectance method (ISO 12625-16:2015; EN ISO 12625-16:2015)  
- zamijenjena s: HRN EN ISO 12625-16:2024

### **HZN/TO 8, Brodogradnja**

HRN EN ISO 6185-3:2018 en  
Brodice na napuhavanje – 3. dio: Brodice duljine trupa manje od 8 m snage motora 15 kW i više (ISO 6185-3:2014; EN ISO 6185-3:2018)  
Inflatable boats – Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO 6185-3:2014; EN ISO 6185-3:2018)  
- zamijenjena s: HRN EN ISO 6185-3:2024

### **HZN/TO 28, Naftni proizvodi i maziva**

HRN EN 12662:2014 en  
Tekući naftni proizvodi – Određivanje onečišćenja u srednje destilatnim gorivima, dizelskim gorivima i metilnim esterima masnih kiselina (EN 12662:2014)  
Liquid petroleum products – Determination of total contamination in middle distillates, diesel fuels and fatty acid methyl esters (EN 12662:2014)  
- zamijenjena s: HRN EN 12662-1:2024, HRN EN 12662-2:2024

HRN EN 16300:2012 en  
Goriva za motorna vozila – Određivanje jednog broja u metilnim esterima masnih kiselina (FAME) – Metoda izračunavanja iz plinskromatografskih podataka (EN 16300:2012)  
Automotive fuels – Determination of iodine value in fatty acid methyl esters (FAME) – Calculation method from gas chromatographic data (EN 16300:2012)  
- zamijenjena s: HRN EN 16300:2024

### **HZN/TO 44, Zavarivanje i srodni postupci**

HRN EN ISO 12224-1:1999 en  
Žica za lemljenje, puna i praškom punjena – Specifikacija i metode ispitivanja – 1. dio: Razredba i zahtijevana svojstva (ISO 12224-1:1997; EN ISO 12224-1:1998)  
Solder wire, solid and flux cored – Specification and test methods – Part 1: Classification and performance requirements (ISO 12224-1:1997; EN ISO 12224-1:1998)  
- zamijenjena s: HRN EN ISO 12224-1:2024

HRN EN ISO 12224-2:2001 en  
Talilom punjena žica za meko lemljenje – Specifikacija i metode ispitivanja – 2. dio: Određivanje sadržaja talila (ISO 12224-2:1997; EN ISO 12224-2:1999)  
Flux cored solder wire – Specification and test methods – Part 2: Determination of flux content (ISO 12224-2:1997; EN ISO 12224-2:1999)  
- zamijenjena s: HRN EN ISO 12224-2:2024



## **HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije**

HRN ISO 11620:2014 en  
Informacije i dokumentacija – Pokazatelji učinka knjižnice (ISO 11620:2014)  
Information and documentation – Library performance indicators (ISO 11620:2014)  
- zamijenjena s: HRN ISO 11620:2024

HRN ISO 11798:2002 en  
Informacije i dokumentacija – Postojanost i trajnost zapisa, tiska i kopiranja na papiru – Zahtjevi i postupci ispitivanja (ISO 11798:1999)  
Information and documentation – Permanence and durability of writing, printing and copying on paper – Requirements and test methods (ISO 11798:1999)  
- zamijenjena s: HRN ISO 11798:2024

HRN ISO 15706-1:2004 en  
Informacije i dokumentacija – Međunarodni standardni audiovizualni broj (ISAN) – 1. Dio: Identifikator audiovizualnog djela (ISO 15706-1:2002)  
Information and documentation – International Standard Audiovisual Number (ISAN) – Part 1: Audiovisual work identifier (ISO 15706-1:2002)  
- bez zamjene

HRN ISO 15706-1:2004/A1:2011 en  
Informacije i dokumentacija – Međunarodni standardni audiovizualni broj (ISAN) – Amandman 1: Alternativno kodiranje i uredničke promjene (ISO 15706-1:2002/Amd 1:2008)  
Information and documentation – International Standard Audiovisual Number (ISAN) – Amendment 1: Alternate encodings and editorial changes (ISO 15706-1:2002/Amd 1:2008)  
- zamijenjena s: HRN ISO 15706-1:2024

HRN ISO 15706-2:2008 en  
Informacija i dokumentacija – Međunarodni standardni audiovizualni broj (ISAN) – 2. dio: Identifikator inačice (ISO 15706-2:2007)  
Information and documentation – International Standard Audiovisual Number (ISAN) – Part 2: Version identifier (ISO 15706-2:2007)  
- zamijenjena s: HRN ISO 15706-2:2024

HRN ISO 16245:2011 en  
Informacije i dokumentacija – Kutije, fascikli i druge spremnice, načinjeni od celuloznih materijala, za pohranu papirnatih i pergamentskih dokumenata (ISO 16245:2009)  
Information and documentation – Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents (ISO 16245:2009)  
- zamijenjena s: HRN ISO 16245:2024

HRN ISO 21127:2015 en  
Informacije i dokumentacija – Referentna ontologija za razmjenu podataka o kulturnoj baštini (ISO 21127:2014)  
Information and documentation – A reference ontology for the interchange of cultural heritage information (ISO 21127:2014)  
- zamijenjena s: HRN ISO 21127:2024

HRN ISO 28560-1:2017 en  
Informacije i dokumentacija – RFID u knjižnicama – 1. dio: Elementi podataka i opće smjernice za provedbu (ISO 28560-1:2014)  
Information and documentation – RFID in libraries – Part 1: Data elements and general guidelines for implementation (ISO 28560-1:2014)  
- zamijenjena s: HRN ISO 28560-1:2024

HRN ISO 28560-2:2018 en  
Informacije i dokumentacija – RFID u knjižnicama – 2. dio: Kodiranje RFID elemenata podataka na temelju pravila iz norme ISO/IEC 15962 (ISO 28560-2:2018)  
Information and documentation – RFID in libraries – Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962 (ISO 28560-2:2018)  
- zamijenjena s: HRN ISO 28560-2:2024

HRN ISO 28560-3:2017 en  
Informacije i dokumentacija – RFID u knjižnicama – 3. dio: Kodiranje fiksne dužine (ISO 28560-3:2014)  
Information and documentation – RFID in libraries – Part 3: Fixed length encoding (ISO 28560-3:2014)  
- zamijenjena s: HRN ISO 28560-3:2024

## **HZN/TO 71, Beton**

HRN EN 15167-2:2007 en  
Mljevena granulirana zgora visoke peći za upotrebu u betonu, mortu i mortu za injektiranje – 2. dio: Vrednovanje sukladnosti (EN 15167-2:2006)  
Ground granulated blast furnace slag for use in concrete, mortar and grout – Part 2: Conformity evaluation (EN 15167-2:2006)  
- zamijenjena s: HRN EN 15167-2:2024

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

HRN ISO/R 916:2004 en  
Ispitivanje rashladnih sustava (ISO/R 916:1968)  
Testing of refrigerating systems (ISO/R 916:1968)  
- zamijenjena s: HRN ISO 916:2020

## **HZN/TO 121, Anestetička i respiracijska oprema**

HRN EN 1865-2:2015 en  
Oprema za postupanje s bolesnikom koja se upotrebljava u cestovnim medicinskim vozilima – 2. dio: Ležaj s pogonom (EN 1865-2:2010+A1:2015)  
Patient handling equipment used in road ambulances – Part 2: Power assisted stretcher (EN 1865-2:2010+A1:2015)  
- zamijenjena s: HRN EN 1865-2:2024

## **HZN/TO 135, Nerazorna ispitivanja**

HRN EN ISO 18563-3:2016 en  
Nerazorno ispitivanje – Karakterizacija i provjeravanje ultrazvučne višepretvorničke fazno upravljane opreme – 3. dio: Kombinirani sustavi (ISO 18563-3:2015; EN ISO 18563-3:2015)  
Non-destructive testing – Characterization and verification of ultrasonic phased array equipment – Part 3: Combined systems (ISO 18563-3:2015; EN ISO 18563-3:2015)  
- zamijenjena s: HRN EN ISO 18563-3:2024

## **HZN/TO 159, Ergonomija**

HRN EN ISO 14915-2:2007 en  
Programska ergonomija za multimedijaska korisnička sučelja – 2. dio: Multimedijaska navigacija i upravljanje (ISO 14915-2:2003; EN ISO 14915-2:2003)  
Software ergonomics for multimedia user interfaces – Part 2: Multimedia navigation and control (ISO 14915-2:2003; EN ISO 14915-2:2003)  
- zamijenjena s: HRN EN ISO 9241-115:2024

## **HZN/TO 165, Drvene konstrukcije**

HRN EN 1912:2012 en  
Drvene konstrukcije – Razredi čvrstoća – Pridruživanje razreda vizualnim razvrstavanjem i prema vrsti (EN 1912:2012)  
Structural Timber – Strength classes – Assignment of visual grades and species (EN 1912:2012)  
- zamijenjena s: HRN EN 1912:2024

HRN EN 1912:2012/Ispr.1:2013 en  
Drvene konstrukcije – Razredi čvrstoća – Pridruživanje razreda vizualnim razvrstavanjem i prema vrsti (EN 1912:2012/AC:2013)  
Structural Timber – Strength classes – Assignment of visual grades and species (EN 1912:2012/AC:2013)  
- zamijenjena s: HRN EN 1912:2024

## **HZN/TO 182, Geotehničke konstrukcije**

HRN EN 12063:2008 en  
Izvedba posebnih geotehničkih radova – Zagatne stijene od žmurja (EN 12063:1999)  
Execution of special geotechnical work – Sheet-pile walls (EN 12063:1999)  
- zamijenjena s: HRN EN 12063:2024

## HZN/TO 218, *Drvo*

HRS CEN/TS 15119-2:2012 en

Trajnost drva i proizvoda na osnovi drva – Određivanje emisije zaštitnog sredstva iz tretiranog drva u okoliš – 2. dio: Drvena roba izložena u razredu 4 ili 5 (u dodiru sa zemljom, slatkom ili slanom vodom) – Laboratorijska metoda (CEN/TS 15119-2:2012)

Durability of wood and wood-based products – Determination of emissions from preservative treated wood to the environment – Part 2: Wooden commodities exposed in Use Class 4 or 5 (in contact with the ground, fresh water or sea water) – Laboratory method (CEN/TS 15119-2:2012)

- zamijenjena s: HRN EN 15119-2:2024

## HZN/TO 238, *Čvrsta biogoriva*

HRN EN ISO 17827-1:2016 en

Čvrsta biogoriva – Određivanje granulometrijskoga sastava nekomprimiranog goriva – 1. dio: Metoda oscilacijskog prosijavanja upotrebom sita promjera 3,15 mm i većeg (ISO 17827-1:2016; EN ISO 17827-1:2016)

Solid Biofuels – Determination of particle size distribution for uncompressed fuels – Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2016; EN ISO 17827-1:2016)

- zamijenjena s: HRN EN ISO 17827-1:2024

HRN EN ISO 17827-2:2016 en

Čvrsta biogoriva – Određivanje granulometrijskog sastava nekomprimiranog goriva – 2. dio: Metoda vibracijskog prosijavanja upotrebom sita promjera 3,15 mm i manjeg (ISO 17827-2:2016; EN ISO 17827-2:2016)

Solid biofuels – Determination of particle size distribution for uncompressed fuels – Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2016; EN ISO 17827-2:2016)

- zamijenjena s: HRN EN ISO 17827-2:2024

HRN EN ISO 17830:2016 en

Čvrsta biogoriva – Granulometrijski sastav raspadnutog peleta (ISO 17830:2016; EN ISO 17830:2016)

Solid biofuels – Particle size distribution of disintegrated pellets (ISO 17830:2016; EN ISO 17830:2016)

- zamijenjena s: HRN EN ISO 17830:2024

HZN/TO 502, Plinski uređaji

HRN EN 12309-3:2015 en

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 3. dio: Uvjeti ispitivanja (EN 12309-3:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW – Part 3: Test conditions (EN 12309-3:2014)

- zamijenjena s: HRN EN 12309-3:2024

HRN EN 12309-4:2015 en

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 4. dio: Metode ispitivanja (EN 12309-4:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW – Part 4: Test methods (EN 12309-4:2014)

- zamijenjena s: HRN EN 12309-3:2024

HRN EN 12309-5:2015 en

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 5. dio: Zahtjevi (EN 12309-5:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW – Part 5: Requirements (EN 12309-5:2014)

- zamijenjena s: HRN EN 12309-3:2024

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

HRN EN ISO 16961:2015 en

Industrija nafte, petrokemije i prirodnoga plina – Unutarnji premazi i zaštita metalnih spremnika za skladištenje (ISO 16961:2015; EN ISO 16961:2015)

Petroleum, petrochemical and natural gas industries – Internal coating and lining of steel storage tanks (ISO 16961:2015; EN ISO 16961:2015)

- zamijenjena s: HRN EN ISO 16961:2024

## HZN/TO 524, *Inteligentni transportni sustavi*

HRN EN ISO 14823:2017 en

Inteligentni transportni sustavi – Rječnik grafičkih podataka (ISO 14823:2017; EN ISO 14823:2017)

Intelligent transport systems – Graphic data dictionary (ISO 14823:2017; EN ISO 14823:2017)

- zamijenjena s: HRN EN ISO 14823-1:2024

## HZN/TO 531, *Plastika i guma*

HRN EN ISO 6806:2017 en

Gumena crijeva i crijevni uređaji za upotrebu u naftnim plamenicima – Specifikacija (ISO 6806:2017; EN ISO 6806:2017)

Rubber hoses and hose assemblies for use in oil burners – Specification (ISO 6806:2017; EN ISO 6806:2017)

- zamijenjena s: HRN EN ISO 6806:2024

## HZN/TO 534, *Spremnici za teret*

HRN EN 14620-1:2008 en

Projektiranje i proizvodnja vertikalnih, cilindričnih čeličnih spremnika s ravnim dnom za skladištenje rashlađenih ukapljenih plinova pri radnoj temperaturi između 0 °C i -165 °C, koji se izrađuju na gradilištu – 1. dio: Općenito (EN 14620-1:2006)

Design and manufacture of site built, vertical, cylindrical, flat-bottomed steel tanks for the storage of refrigerated, liquefied gases with operating temperatures between 0 °C and -165 °C – Part 1: General (EN 14620-1:2006)

- zamijenjena s: HRN EN 14620-1:2024

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

HRN EN 16867:2021 en

Građevni okovi – Mehatronički okovi za vrata – Zahtjevi i metode ispitivanja (EN 16867:2020+A1:2021)

Building hardware – Mechatronic door furniture – Requirements and test methods (EN 16867:2020+A1:2021)

- zamijenjena s: HRN EN 16867:2024

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

HRN EN 1751:2014 en

Ventilacija u zgradama – Uređaji zračnog sustava – Aerodinamička ispitivanja zapornih i regulacijskih zaklopki (EN 1751:2014)

Ventilation for buildings – Air terminal devices – Aerodynamic testing of damper and valves (EN 1751:2014)

- zamijenjena s: HRN EN 1751:2024

## HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 13408-1:2015 en

Aseptički postupci za proizvode zdravstvene zaštite – 1. dio: Temeljni zahtjevi (ISO 13408-1:2008, uključujući Amd 1:2013; EN ISO 13408-1:2015)

Aseptic processing of health care products – Part 1: General requirements (ISO 13408-1:2008, including Amd 1:2013; EN ISO 13408-1:2015)

- zamijenjena s: HRN EN ISO 13408-1:2024

HRN EN ISO 17665-1:2008 en

Sterilizacija medicinskih proizvoda – Vlažna toplina – 1. dio: Zahtjevi za provedbu, vrednovanje i rutinsku kontrolu sterilizacije medicinskih proizvoda (ISO 17665-1:2006; EN ISO 17665-1:2006)

Sterilization of health care products – Moist heat – Part 1: Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO 17665-1:2006; EN ISO 17665-1:2006)

- zamijenjena s: HRN EN ISO 17665:2024

HRS CEN ISO/TS 17665-2:2010 en

Sterilizacija medicinskih proizvoda – Vlažna toplina – 2. dio: Upute za primjenu ISO 17665-1 (ISO/TS 17665-2:2009; CEN ISO/TS 17665-2:2009)

Sterilization of health care products – Moist heat – Part 2: Guidance on the application of ISO 17665-1 (ISO/TS 17665-2:2009; CEN ISO/TS 17665-2:2009)

- zamijenjena s: HRN EN ISO 17665:2024

## **HZN/TO 557, Zaštitna odjeća**

HRN EN 14325:2018 en

Odjeća za zaštitu od kemikalija – Metode ispitivanja i klasifikacija svojstava za materijale, šavove, rastavljive i trajne spojeve odjeće za zaštitu od kemikalija (EN 14325:2018)  
Protective clothing against chemicals – Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages (EN 14325:2018)  
- zamijenjena s: HRN EN 14325:2024

HRN EN 14360:2005 en

Odjeća za zaštitu od kiše – Metoda ispitivanja za gotove odjevne predmete – Udarci odozgo kapima velike energije (EN 14360:2004)  
Protective clothing against rain – Test method for ready made garments – Impact from above with high energy droplets (EN 14360:2004)  
- zamijenjena s: HRN EN ISO 24231:2024

HRN EN 14404:2011 en

Osobna zaštitna oprema – Štitnici za koljena za rad u klečećem položaju (EN 14404:2004+A1:2010)  
Personal protective equipment – Knee protectors for work in the kneeling position (EN 14404:2004+A1:2010)  
- zamijenjena s: HRN EN 14404-1:2024,  
HRN EN 14404-2:2024, HRN EN 14404-3:2024,  
HRN EN 14404-4:2024, HRN EN 14404-5:2024,  
HRN EN 14404-6:2024

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

HRN EN ISO 10297:2014 en

Plinske boce – Ventili boca – Specifikacija i ispitivanje tipa (ISO 10297:2014, Ispravljena verzija 2014-11-01; EN ISO 10297:2014)  
Gas cylinders – Cylinder valves – Specification and type testing (ISO 10297:2014, Corrected version 2014-11-01; EN ISO 10297:2014)  
- zamijenjena s: HRN EN ISO 10297:2024

HRN EN ISO 10297:2014/A1:2017 en

Plinske boce – Ventili boca – Specifikacija i tipno ispitivanje – Amandman 1: Tlačni spremnici i cijevi (ISO 10297:2014/Amd 1:2017; EN ISO 10297:2014/A1:2017)  
Gas cylinders – Cylinder valves – Specification and type testing – Amendment 1: Pressure drums and tubes (ISO 10297:2014/Amd 1:2017; EN ISO 10297:2014/A1:2017)  
- zamijenjena s: HRN EN ISO 10297:2024

HRN EN 13322-1:2003 en

Prenosive plinske boce – Ponovno punjive zavarene čelične plinske boce – Projektiranje i konstruiranje – 1. dio: Ugljični čelik (EN 13322-1:2003)  
Transportable gas cylinders – Refillable welded steel gas cylinders – Design and construction – Part 1: Carbon steel (EN 13322-1:2003)  
- zamijenjena s: HRN EN 13322-1:2024

HRN EN 13322-1:2003/A1:2008 en

Prenosive plinske boce – Ponovno punjive zavarene čelične plinske boce – Projektiranje i konstruiranje – 1. dio: Ugljični čelik (EN 13322-1:2003/A1:2006)  
Transportable gas cylinders – Refillable welded steel gas cylinders – Design and construction – Part 1: Carbon steel (EN 13322-1:2003/A1:2006)  
- zamijenjena s: HRN EN 13322-1:2024

## **HZN/TO 562, Alatni strojevi i alati**

HRN EN ISO 19085-6:2018 en

Strojevi za obradu drva – Sigurnost – 6. dio: Jednovretni strojevi za vertikalno oblikovanje kalupa (ISO 19085-6:2017; EN ISO 19085-6:2017)  
Woodworking machines – Safety – Part 6: Single spindle vertical moulding machines ("toupies") (ISO 19085-6:2017; EN ISO 19085-6:2017)  
- zamijenjena s: HRN EN ISO 19085-6:2024

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

HRU ISO Guide 73:2014 en,fr

Upravljanje rizicima – Terminološki rječnik (ISO Guide 73:2009)  
Risk management – Vocabulary (ISO Guide 73:2009)  
- bez zamjene

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

HRN EN ISO 18187:2018 en

Kvaliteta tla – Kontaktno ispitivanje čvrstih uzoraka uporabom aktivnosti dehidrogenaze *Arthrobacter globiformis* (ISO 18187:2016; EN ISO 18187:2018)  
Soil quality – Contact test for solid samples using the dehydrogenase activity of *Arthrobacter globiformis* (ISO 18187:2016; EN ISO 18187:2018)  
- zamijenjena s: HRN EN ISO 18187:2024

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

HRN EN ISO 11890-1:2008 en

Boje i lakovi – Određivanje sadržaja hlapivih organskih tvari (VOC) – 1. dio: Razlikovna metoda (ISO 11890-1:2007; EN ISO 11890-1:2007)  
Paints and varnishes – Determination of volatile organic compound (VOC) content – Part 1: Difference method (ISO 11890-1:2007; EN ISO 11890-1:2007)  
- zamijenjena s: HRN EN ISO 11890-1:2024

## **HZN/TU I2, Strojstvo 2**

HRN EN ISO 12183:2019 en

Nuclear fuel technology – Controlled-potential coulometric assay of plutonium (ISO 12183:2016; EN ISO 12183:2019)  
- zamijenjena s: HRN EN ISO 12183:2024

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

HRN EN 455-2:2015 en

Medicinske rukavice za jednokratnu upotrebu – 2. dio: Zahtjevi i ispitivanje fizičkih svojstava (EN 455-2:2015)  
Medical gloves for single use – Part 2: Requirements and testing for physical properties (EN 455-2:2015)  
- zamijenjena s: HRN EN 455-2:2024

HRN EN ISO 5832-1:2019 en

Kirurški implantati – Metalni materijali – 1. dio: Kovani nehrđajući čelik (ISO 5832-1:2016; EN ISO 5832-1:2019)  
Implants for surgery – Metallic materials – Part 1: Wrought stainless steel (ISO 5832-1:2016; EN ISO 5832-1:2019)  
- zamijenjena s: HRN EN ISO 5832-1:2024

HRN EN ISO 5832-7:2019 en

Kirurški implantati – Metalni materijali – 7. dio: Legura kobalta, kroma, nikla, molibdena i željeza pogodna za kovanje i hladno oblikovanje (ISO 5832-7:2016; EN ISO 5832-7:2019)  
Implants for surgery – Metallic materials – Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO 5832-7:2016; EN ISO 5832-7:2019)  
- zamijenjena s: HRN EN ISO 5832-7:2024

HRN EN ISO 8637-2:2018 en

Izvantjelesni sustavi za pročišćavanje krvi – 2. dio: Izvantjelesni krvotok za uređaje za hemodijalizu, hemodijaltriranje i hemofiltriranje (ISO 8637-2:2018; EN ISO 8637-2:2018)  
Extracorporeal systems for blood purification – Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (ISO 8637-2:2018; EN ISO 8637-2:2018)  
- zamijenjena s: HRN EN ISO 8637-2:2024

HRN EN ISO 23500-3:2019 en

Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 3. dio: Voda za hemodijalizu i srodne terapije (ISO 23500-3:2019; EN ISO 23500-3:2019)  
Preparation and quality management of fluids for haemodialysis and related therapies – Part 3: Water for haemodialysis and related therapies (ISO 23500-3:2019; EN ISO 23500-3:2019)  
- zamijenjena s: HRN EN ISO 23500-3:2024

HRN EN ISO 23500-4:2019 en

Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 4. dio: Koncentrati za hemodijalizu i srodne terapije (ISO 23500-4:2019; EN ISO 23500-4:2019)

Preparation and quality management of fluids for haemodialysis and related therapies – Part 4: Concentrates for haemodialysis and related therapies (ISO 23500-4:2019; EN ISO 23500-4:2019)

- zamijenjena s: HRN EN ISO 23500-4:2024

HRN EN ISO 23500-5:2019 en

Priprema i upravljanje kvalitetom tekućina za hemodijalizu i srodne terapije – 5. dio: Kvaliteta tekućine za hemodijalizu i srodne terapije (ISO 23500-5:2019; EN ISO 23500-5:2019)

Preparation and quality management of fluids for haemodialysis and related therapies – Part 5: Quality of dialysis fluid for haemodialysis and related therapies (ISO 23500-5:2019; EN ISO 23500-5:2019)

- zamijenjena s: HRN EN ISO 23500-5:2024

## 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 560, *Tekstilni proizvodi*

- **umjesto**

HRN EN ISO 9073-18:2023

Netkani tekstil – Metode ispitivanja – 18. dio: Određivanje prekidne sile i prekidnog istezanja grab metodom (ISO 9073-18:2023; EN ISO 9073-18:2023)

Nonwovens – Test methods – Part 18: Determination of tensile strength and elongation at break using the grab tensile test (ISO 9073-18:2023; EN ISO 9073-18:2023)

- **treba biti**

HRN EN ISO 9073-18:2023

Netkani tekstil – Metode ispitivanja – 18. dio: Određivanje prekidne sile i prekidnog istezanja grab metodom (ISO 9073-18:2023, **ispravljena verzija 2024-05**; EN ISO 9073-18:2023)

Nonwovens – Test methods – Part 18: Determination of tensile strength and elongation at break using the grab tensile test (ISO 9073-18:2023, **Corrected version 2024-05**; EN ISO 9073-18:2023)

## 2 Rezultati međunarodne i europske normizacije

### Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 30-1-2+A1	Domestic cooking appliances burning gas – Part 1-2: Safety – Appliances having forced-convection ovens	97.040.20	2024-04
EN 352-6+A1	Hearing protectors – Safety requirements – Part 6: Earmuffs with safety-related audio input	13.340.20	2024-04
EN 352-8+A1	Hearing protectors – Safety requirements – Part 8: Entertainment audio earmuffs	13.340.20	2024-04
EN 352-9+A1	Hearing protectors – Safety requirements – Part 9: Earplugs with safety-related audio input	13.340.20	2024-04
EN 352-10+A1	Hearing protectors – Safety requirements – Part 10: Entertainment audio earplugs	13.340.20	2024-04
EN 549+A2	Rubber materials for seals and diaphragms for gas appliances and gas equipment	23.040.80; 83.140.50	2024-04
EN 683-2	Aluminium and aluminium alloys – Finstock – Part 2: Mechanical properties	77.120.10	2024-04
EN 1090-2+A1	Execution of steel structures and aluminium structures – Part 2: Technical requirements for steel structures	91.080.13	2024-05-00
EN 1482-4	Fertilizers, liming materials and inhibitors – Sampling and sample preparation – Part 4: Sampling for microbial presence	65.080	2024-04
EN 1570-1	Safety requirements for lifting tables – Part 1: Lifting tables serving up to two fixed landing	53.020.99	2024-04
EN 3774-004	Aerospace series – Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A – Part 004: UNC thread terminals – Product standard	49.060	2024-04
EN 4877-001	Aerospace series – Filler metals for welding – Part 001: Technical specification	25.160.20; 49.025.10; 49.025.15	2024-04
EN 10051	Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels – Tolerances on dimensions and shape	77.140.50	2024-04
EN 12368	Traffic control equipment – Signal heads	93.080.30	2024-04
EN 12579	Soil improvers and growing media – Sampling	65.080	2024-04
EN 12845-3	Fixed firefighting systems – Automatic sprinkler systems – Part 3: Guidance for earthquake bracing	13.220.20	2024-05-00
EN 13523-1	Coil coated metals – Test methods – Part 1: Film thickness	17.040.20; 25.220.60	2024-04
EN 13523-3	Coil coated metals – Test methods – Part 3: Colour difference and metamerism – Instrumental comparison	25.220.60	2024-04
EN 13523-8	Coil coated metals – Test methods – Part 8: Resistance to salt spray (fog)	25.220.60	2024-04
EN 13523-10	Coil coated metals – Test methods – Part 10: Resistance to fluorescent UV radiation and water condensation	25.220.60	2024-04
EN 13523-12	Coil coated metals – Test methods – Part 12: Resistance to scratching	25.220.60	2024-04
EN 13523-21	Coil coated metals – Test methods – Part 21: Evaluation of outdoor exposed panels	25.220.60	2024-04
EN 13523-22	Coil coated metals – Test methods – Part 22: Colour difference – Visual comparison	25.220.60	2024-04
EN 13523-29	Coil coated metals – Test methods – Part 29: Resistance to environmental soiling (Dirt pick-up and striping)	25.220.60	2024-04
EN 13819-3+A1	Hearing protectors – Testing – Part 3: Supplementary acoustic test methods	13.340.20	2024-04
EN 14067-4	Railway applications – Aerodynamics – Part 4: Requirements and assessment procedures for aerodynamics on open track	45.060.01	2024-04
EN 14972-4	Fixed firefighting systems – Water mist systems – Part 4: Test protocol for non-storage occupancies for automatic nozzle systems	13.220.20	2024-04
EN 14986	Design of fans working in potentially explosive atmospheres	23.120	2024-04
EN 14988+A2	Children's high chairs – Requirements and test methods	97.140; 97.190	2024-04
EN 15328+A1	Railway applications – Braking – Brake pads	45.040	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN 15348	Plastics – Recycled plastics – Characterization of poly(ethylene terephthalate) (PET) recyclates	13.030.50; 83.080.20	2024-04
EN 16451	Railway applications – Braking – Brake pad holder	45.040	2024-04
EN 16783	Thermal insulation products – Environmental Product Declarations (EPD) – Product Category Rules (PCR) complementary to EN 15804 for factory made and in-situ formed products	91.120.10	2024-04
EN 17015-1	Electronic Public Procurement – Catalogue – Part 1: Choreographies	35.240.63	2024-04
EN 17016-1	Electronic Public Procurement – Ordering – Part 1: Choreographies	35.240.63	2024-04
EN 17149-1	Railway applications – Strength assessment of rail vehicle structures – Part 1: General	45.060.01	2024-04
EN 17149-2	Railway applications – Strength assessment of rail vehicle structures – Part 2: Static strength assessment	45.060.01	2024-04
EN 17383	Road traffic noise reducing devices – Sustainability: Key Performance Indicators (KPIs) Declaration	93.080.30	2024-04
FprCEN/TR 17842-2	Playground equipment for children – Part 2: Replies to requests for interpretation of EN 1176:2017 and its parts (2020 – 2022)	97.200.40	2024-04
EN 17871	Glass in building – Spectrophotometric characteristics of glass products – Validation procedure for calculation tool.	81.040.20	2024-04
EN 17929	Hyperloop Transport Services	03.220.99; 45.020; 55.020	2024-04
CEN/TS 18026	Three-level approach for a set of cybersecurity requirements for cloud services	35.030; 35.210	2024-04
CEN/TS 18036	Light and lighting – Commissioning of lighting systems in buildings	91.160.10	2024-05-00
CEN/TR 18042	Safety of amusement rides and amusement devices – Replies to requests for interpretation of EN 13814:2019 and its parts	97.200.40	2024-04
CEN/TR 18058	Continuous handling equipment and systems – Safety requirements for equipment for mechanical handling of unit loads – Interpretations relating to EN 619:2022	53.040.10	2024-05-00
CWA 18089	The QaR method to measure the extreme risk of re-identification of a database in the context of assessing its insurability	35.030	2024-04
CWA 18090	User centric charging infrastructure for electric vehicles – Guidelines for operators to implement advanced smart charging and management strategies	43.120	2024-04
CWA 18091	User centric charging infrastructure for electric vehicles – Charging stations of the future – Stations models considering users' expectations	43.120	2024-04
FprCEN/TR 18093	Framework and Implementation of Common Data Environment Solutions, in accordance with EN ISO 19650	35.240.67	2024-04
CWA 18105	Assessing machine learning-based pandemic crisis prediction and management tools in STADEM trials	13.200; 35.240.01	2024-04
CWA 18106	Circularity Protocols for extending the useful Life of Large Industrial Equipment	13.020.20	2024-04
CWA 18107-1	Advanced fatigue testing methods – Part 1: Self-heating measurements	19.060	2024-05-00
CWA 18107-2	Advanced fatigue testing methods – Part 2: Stiffness method	77.040.10	2024-05-00
FprCEN/TR 18108	Personal identification – Usage of biometrics in breeder documents	35.240.15	2024-04
CLC/TS 50641-2	Fixed Installations for Railway Applications – Requirements for the validation of simulation tools used for the design of electric traction power supply systems – Part 2: specific DC urban case	29.280; 35.240.60	2024-04
EN IEC 60034-2-1	Rotating electrical machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles) (IEC 60034-2-1:2024)	29.160.01	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60034-2-2	Rotating electrical machines – Part 2-2: Specific methods for determining separate losses of large machines from tests – Supplement to IEC 60034-2-1 (IEC 60034-2-2:2024)	29.160.01	2024-04
EN IEC 60034-2-3	Rotating electrical machines – Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors (IEC 60034-2-3:2024)	29.160.01	2024-04
EN IEC 60079-26	Explosive atmospheres – Part 26: Equipment with Separation Elements or combined Levels of Protection (IEC 60079-26:2021)	29.260.20	2024-04
EN 60601-1/A13	Medical electrical equipment – Part 1: General requirements for safety	11.040.01	2024-04
EN IEC 60676	Industrial electroheating equipment – Test methods for direct arc furnaces (IEC 60676:2024)	25.180.10	2024-04
EN 60704-2-14/A2	Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers (IEC 60704-2-14:2013/AMD2:2024)	17.140.20; 97.040.20; 97.040.30	2024-04
EN IEC 60966-2-2	Radio frequency and coaxial cable assemblies – Part 2-2: Blank detail specification for flexible coaxial cable assemblies (IEC 60966-2-2:2024)	33.120.10	2024-04
EN IEC 60966-4	Radio frequency and coaxial cable assemblies – Part 4: Sectional specification for semi-rigid coaxial cable assemblies (IEC 60966-4:2024)	33.120.10	2024-04
EN IEC 60966-4-1	Radio frequency and coaxial cable assemblies – Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies (IEC 60966-4-1:2024)	33.120.10	2024-04
EN IEC 61000-3-2/A2	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current < 16 A per phase) (IEC 61000-3-2:2018/AMD2:2024)	33.100.10	2024-04
EN 61000-3-12/A1	Electromagnetic compatibility (EMC) – Part 3-12: Limits – Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and ≤ 75 A per phase (IEC 61000-3-12:2011/A1:2021)	33.100.10	2024-04
EN IEC 61169-70	Radio-frequency connectors – Part 70: Sectional specification for series HD-BNC radio-frequency coaxial connectors – Characteristic Impedance 75 Ω (IEC 61169-70:2024)	33.120.30	2024-04
EN IEC 61189-2-720	Test methods for electrical materials, circuit boards and other interconnection structures and assemblies – Part 2-720: Detection of defects in interconnection structures by measurement of capacitance (IEC 61189-2-720:2024)	31.180	2024-04
EN IEC 61300-2-44	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-44: Tests – Flexing of the strain relief of fibre optic devices and components (IEC 61300-2-44:2024)	33.180.20	2024-04
EN IEC 61753-071-02/A1	Fibre optic interconnecting devices and passive components – Performance standard – Part 071-02: Non-connectorized single- mode fibre optic 1 × 2 and 2 × 2 spatial switches for category C – Controlled environments (IEC 61753-071-02/AMD1:2024)	33.180.20	2024-04
EN IEC 61784-5-22	Industrial networks – Profiles – Part 5-22: Installation of fieldbuses – Installation profiles for CPF 22 (IEC 61784-5-22:2024)	35.100.20; 35.160; 35.240.50	2024-04
EN IEC 61918/A2	Industrial communication networks – Installation of communication networks in industrial premises (IEC 61918:2018/AMD2:2024)	25.040.40; 33.020; 33.180.01; 35.110; 35.240.50	2024-04
EN IEC 62368-1	Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2023)	31.020; 33.160.01; 35.020	2024-04
EN IEC 62368-1/A11	Audio/video, information and communication technology equipment – Part 1: Safety requirements	31.020; 33.160.01; 35.020; 35.030	2024-04
EN IEC 62477-1/AC	Safety requirements for power electronic converter systems and equipment – Part 1: General (IEC 62477-1:2022/COR1:2024)	29.200; 31.080.99	2024-04
EN IEC 62836	Measurement of internal electric field in insulating materials – Pressure wave propagation method (IEC 62836:2024)	17.220.20; 17.220.99; 29.035.01	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 63267-2-1	Fibre optic interconnecting devices and passive components – Connector optical interfaces for enhanced macro bend multimode fibres – Part 2-1: Connection parameters of physically contacting 50 µm core diameter fibres – Non-angled (IEC 63267-2-1:2024)	33.180.20	2024-04
EN IEC 63267-2-2	Fibre optic interconnecting devices and passive components – Connector optical interfaces for enhanced macro bend multimode fibres – Part 2-2: Connection parameters of physically contacting 50 µm core diameter fibres – Non-angled and angled for reference connector applications (IEC 63267-2-2:2024)	33.180.20	2024-04
EN IEC 63305	Underwater acoustics – Calibration of acoustic wave vector receivers in the frequency range 5 Hz to 10 kHz (IEC 63305:2024)	17.140.50	2024-04
EN ISO 2611-1	Analysis of natural gas – Halogen content of biomethane – Part 1: HCl and HF content by ion chromatography (ISO 2611-1:2024)	75.060	2024-04
EN ISO 2620	Analysis of natural gas – Biomethane – Determination of VOCs by thermal desorption gas chromatography with flame ionization and/or mass spectrometry detectors (ISO 2620:2024)	75.060	2024-04
EN ISO 3164/A1	Earth-moving machinery – Laboratory evaluations of protective structures – Specifications for deflection-limiting volume – Amendment 1 (ISO 3164:2013/Amd 1:2024)	53.100	2024-04
EN ISO 4126-10	Safety devices for protection against excessive pressure – Part 10: Sizing of safety valves and bursting discs for gas/liquid two-phase flow (ISO 4126-10:2024)	13.240	2024-04
EN ISO 4641	Rubber hoses and hose assemblies for water suction and discharge – Specification (ISO 4641:2024)	23.040.70	2024-05-00
EN ISO 5667-3	Water quality – Sampling – Part 3: Preservation and handling of water samples (ISO 5667-3:2024)	13.060.45	2024-04
EN ISO 5771	Rubber hoses and hose assemblies for transferring anhydrous ammonia – Specification (ISO 5771:2024)	71.120.99; 83.140.40	2024-04
EN ISO 5832-1	Implants for surgery – Metallic materials – Part 1: Wrought stainless steel (ISO 5832-1:2024)	11.040.40	2024-04
EN ISO 5832-7	Implants for surgery – Metallic materials – Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO 5832-7:2024)	11.040.40	2024-04
EN ISO 6224	Thermoplastics hoses, textile-reinforced, for general-purpose water applications – Specification (ISO 6224:2024)	23.040.70	2024-05-00
EN ISO 7029/A1	Acoustics – Statistical distribution of hearing thresholds related to age and gender – Amendment 1: Correction of parameter values for estimating the hearing threshold distribution (ISO 7029:2017/Amd 1:2024)	13.140	2024-04
CEN ISO/TR 7250-2	Basic human body measurements for technological design – Part 2: Statistical summaries of body measurements from national populations (ISO/TR 7250-2:2024)	13.180	2024-04
EN ISO 7965-1	Packaging – Drop test – Part 1: Paper sacks (ISO 7965-1:2024)	55.080	2024-04
EN ISO 8362-2	Injection containers and accessories – Part 2: Closures for injection vials (ISO 8362-2:2024)	11.040.20	2024-04
EN ISO 8637-2	Extracorporeal systems for blood purification – Part 2: Extracorporeal blood and fluid circuits for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (ISO 8637-2:2024)	11.040.20	2024-04
EN ISO 8804-1	Requirements for the training of scientific divers – Part 1: Scientific divers (ISO 8804-1:2024)	03.100.30	2024-04
EN ISO 8804-2	Requirements for the training of scientific divers – Part 2: Advanced scientific divers (ISO 8804-2:2024)	03.100.30	2024-04
EN ISO 8804-3	Requirements for the training of scientific divers – Part 3: Scientific diving project leader (ISO 8804-3:2024)	03.100.30	2024-04
EN ISO 9241-115	Ergonomics of human-system interaction – Part 115: Guidance on conceptual design, user-system interaction design, user interface design, and navigation design (ISO 9241-115:2024)	13.180; 35.080	2024-04



Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 10240	Small craft – Owner's manual (ISO 10240:2022)	47.080	2024-04
EN ISO 10297	Gas cylinders – Cylinder valves – Specification and type testing (ISO 10297:2024)	23.020.35; 23.060.40	2024-04
EN ISO 11427	Jewellery and precious metals – Determination of silver – Potentiometry using potassium bromide (ISO 11427:2024)	39.060	2024-04
EN ISO 13408-1	Aseptic processing of health care products – Part 1: General requirements (ISO 13408-1:2023)	11.080.01	2024-04
EN ISO 14456	Gas cylinders – Gas properties and associated classification (FTSC) codes (ISO 14456:2024)	23.020.35	2024-05-00
EN ISO 16021	Absorbent incontinence products for urine and/or faeces – Basic principles for evaluation of single-use adult products from the perspective of users and caregivers (ISO 16021:2024)	11.180.20	2024-04
EN ISO 16571	Systems for evacuation of plume generated by medical devices (ISO 16571:2024)	11.040.10	2024-04
EN ISO 16739-1	Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries – Part 1: Data schema (ISO 16739-1:2024)	25.040.40	2024-04
EN ISO 17294-1	Water quality – Application of inductively coupled plasma mass spectrometry (ICP-MS) – Part 1: General requirements (ISO 17294-1:2024)	13.060.50	2024-04
EN ISO 17665	Sterilization of health care products – Moist heat – Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO 17665:2024)	11.080.01	2024-05-00
EN ISO 17672	Brazing – Filler metals (ISO 17672:2024)	25.160.50	2024-05-00
EN ISO 17871/A1	Gas cylinders – Quick-release cylinder valves – Specification and type testing – Amendment 1 (ISO 17871:2020/Amd 1:2024)	23.020.35	2024-04
EN ISO 18134-2	Solid biofuels – Determination of moisture content – Part 2: Simplified method (ISO 18134-2:2024)	27.190; 75.160.40	2024-04
EN ISO 18183-1	Geometrical product specifications (GPS) – Partition – Part 1: Vocabulary and basic concepts (ISO 18183-1:2024)	17.040.40	2024-04
EN ISO 18847	Solid biofuels – Determination of particle density of pellets and briquettes (ISO 18847:2024)	27.190; 75.160.40	2024-05-00
EN ISO 20122	Vegetable oils – Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with online-coupled high performance liquid chromatography-gas chromatography-flame ionization detection (HPLC-GC-FID) analysis – Method for low limit of quantification (ISO 20122:2024)	67.200.10	2024-04
EN ISO 20433	Leather – Tests for colour fastness – Colour fastness to crocking (ISO 20433:2024)	59.140.30	2024-04
EN ISO 22042/A1	Blast chiller and freezer cabinets for professional use – Classification, requirements and test conditions – Amendment 1 (ISO 22042:2021/Amd 1:2024)	97.130.20	2024-04
EN ISO 22435	Gas cylinders – Cylinder valves with integrated pressure regulators – Specification and type testing (ISO 22435:2024)	23.020.35; 23.060.40	2024-04
EN ISO 23402-3	Dentistry – Portable dental equipment for use in non-permanent healthcare environment – Part 3: Portable suction equipment (ISO 23402-3:2024)	11.060.20	2024-05-00
CEN ISO/TS 23406	Nuclear sector – Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS) (ISO/TS 23406:2024)	03.120.20; 27.120.01	2024-04
EN ISO 23500-3	Preparation and quality management of fluids for haemodialysis and related therapies – Part 3: Water for haemodialysis and related therapies (ISO 23500-3:2024)	11.040.40	2024-04
EN ISO 23500-4	Preparation and quality management of fluids for haemodialysis and related therapies – Part 4: Concentrates for haemodialysis and related therapies (ISO 23500-4:2024)	11.040.40	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 23500-5	Preparation and quality management of fluids for haemodialysis and related therapies – Part 5: Quality of dialysis fluid for haemodialysis and related therapies (ISO 23500-5:2024)	11.040.40	2024-04
EN ISO 24231	Protective clothing – Protection against rain – Test method for ready-made garments against high-energy droplets from above (ISO 24231:2024)	13.340.10	2024-05-00
EN ISO 24808	Recreational diving services – Requirements for rebreather instructor training (ISO 24808:2024)	03.080.30; 03.100.30; 03.200.99	2024-04
EN ISO 30024	Animal feeding stuffs – Determination of phytase activity (ISO 30024:2024)	65.120	2024-05-00
CEN ISO/TR 41016	Facility management – Overview of available technologies (ISO/TR 41016:2024)	03.080.10	2024-04
EN ISO/ASTM 52927	Additive manufacturing – General principles – Main characteristics and corresponding test methods (ISO/ASTM 52927:2024)	25.030	2024-04
EN ISO/ASTM 52943-2	Additive manufacturing for aerospace – Process characteristics and performance – Part 2: Directed energy deposition using wire and arc (ISO/ASTM 52943-2:2024)	25.030	2024-04
EN ISO 56008	Innovation management – Tools and methods for innovation operation measurements – Guidance (ISO 56008:2024)	03.100.01; 03.100.40	2024-05-00
EN ISO 81060-2/A2	Non-invasive sphygmomanometers – Part 2: Clinical investigation of intermittent automated measurement type – Amendment 2 (ISO 81060-2:2018/Amd 2:2024)	11.040.10	2024-04



## Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17929	Hyperloop Transport Services	03.220.99; 45.020; 55.020	2024-04
CEN/TS 18026	Three-level approach for a set of cybersecurity requirements for cloud services	35.030; 35.210	2024-04
CLC/TS 50641-2	Fixed Installations for Railway Applications – Requirements for the validation of simulation tools used for the design of electric traction power supply systems – Part 2: specific DC urban case	29.280; 35.240.60	2024-04
EN IEC 60034-2-1	Rotating electrical machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles) (IEC 60034-2-1:2024)	29.160.01	2024-04
EN IEC 60034-2-2	Rotating electrical machines – Part 2-2: Specific methods for determining separate losses of large machines from tests – Supplement to IEC 60034-2-1 (IEC 60034-2-2:2024)	29.160.01	2024-04
EN IEC 60034-2-3	Rotating electrical machines – Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors (IEC 60034-2-3:2024)	29.160.01	2024-04
EN IEC 60079-26	Explosive atmospheres – Part 26: Equipment with Separation Elements or combined Levels of Protection (IEC 60079-26:2021)	29.260.20	2024-04
EN 60601-1/A13	Medical electrical equipment – Part 1: General requirements for safety	11.040.01	2024-04
EN IEC 60676	Industrial electroheating equipment – Test methods for direct arc furnaces (IEC 60676:2024)	25.180.10	2024-04
EN 60704-2-14/A2	Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers (IEC 60704-2-14:2013/AMD2:2024)	17.140.20; 97.040.20; 97.040.30	2024-04
EN IEC 60966-2-2	Radio frequency and coaxial cable assemblies – Part 2-2: Blank detail specification for flexible coaxial cable assemblies (IEC 60966-2-2:2024)	33.120.10	2024-04
EN IEC 60966-4	Radio frequency and coaxial cable assemblies – Part 4: Sectional specification for semi-rigid coaxial cable assemblies (IEC 60966-4:2024)	33.120.10	2024-04
EN IEC 60966-4-1	Radio frequency and coaxial cable assemblies – Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies (IEC 60966-4-1:2024)	33.120.10	2024-04
EN IEC 61000-3-2/A2	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current < 16 A per phase) (IEC 61000-3-2:2018/AMD2:2024)	33.100.10	2024-04
EN 61000-3-12/A1	Electromagnetic compatibility (EMC) – Part 3-12: Limits – Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and ≤ 75 A per phase (IEC 61000-3-12:2011/A1:2021)	33.100.10	2024-04
EN IEC 61169-70	Radio-frequency connectors – Part 70: Sectional specification for series HD-BNC radio-frequency coaxial connectors – Characteristic Impedance 75 Ω (IEC 61169-70:2024)	33.120.30	2024-04
EN IEC 61189-2-720	Test methods for electrical materials, circuit boards and other interconnection structures and assemblies – Part 2-720: Detection of defects in interconnection structures by measurement of capacitance (IEC 61189-2-720:2024)	31.180	2024-04
EN IEC 61300-2-44	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-44: Tests – Flexing of the strain relief of fibre optic devices and components (IEC 61300-2-44:2024)	33.180.20	2024-04
EN IEC 61753-071-02/A1	Fibre optic interconnecting devices and passive components – Performance standard – Part 071-02: Non-connectorized single-mode fibre optic 1 × 2 and 2 × 2 spatial switches for category C – Controlled environments (IEC 61753-071-02/AMD1:2024)	33.180.20	2024-04
EN IEC 61784-5-22	Industrial networks – Profiles – Part 5-22: Installation of fieldbuses – Installation profiles for CPF 22 (IEC 61784-5-22:2024)	35.100.20; 35.160; 35.240.50	2024-04
EN IEC 61918/A2	Industrial communication networks – Installation of communication networks in industrial premises (IEC 61918:2018/AMD2:2024)	25.040.40; 33.020; 33.180.01; 35.110; 35.240.50	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62368-1	Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2023)	31.020; 33.160.01; 35.020	2024-04
EN IEC 62368-1/A11	Audio/video, information and communication technology equipment – Part 1: Safety requirements	31.020; 33.160.01; 35.020; 35.030	2024-04
EN IEC 62477-1/AC	Safety requirements for power electronic converter systems and equipment – Part 1: General (IEC 62477-1:2022/COR1:2024)	29.200; 31.080.99	2024-04
EN IEC 62836	Measurement of internal electric field in insulating materials – Pressure wave propagation method (IEC 62836:2024)	17.220.20; 17.220.99; 29.035.01	2024-04
EN IEC 63267-2-1	Fibre optic interconnecting devices and passive components – Connector optical interfaces for enhanced macro bend multimode fibres – Part 2-1: Connection parameters of physically contacting 50 Åµm core diameter fibres – Non-angled (IEC 63267-2-1:2024)	33.180.20	2024-04
EN IEC 63267-2-2	Fibre optic interconnecting devices and passive components – Connector optical interfaces for enhanced macro bend multimode fibres – Part 2-2: Connection parameters of physically contacting 50 Åµm core diameter fibres – Non-angled and angled for reference connector applications (IEC 63267-2-2:2024)	33.180.20	2024-04
EN IEC 63305	Underwater acoustics – Calibration of acoustic wave vector receivers in the frequency range 5 Hz to 10 kHz (IEC 63305:2024)	17.140.50	2024-04

## Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI SR 000314 V 2.35.1	Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards	01.120; 03.140; 33.020	2024-04
ETSI TS 102224 V 16.0.0	Smart Cards – Security mechanisms for UICC based Applications Functional requirements (Release 16)	35.240.15	2024-04
ETSI TS 102224 V 17.0.0	Smart Cards – Security mechanisms for UICC based Applications Functional requirements (Release 17)	35.240.15	2024-04
ETSI TS 102224 V 18.0.0	Smart Cards – Security mechanisms for UICC based Applications Functional requirements (Release 18)	35.240.15	2024-04
ETSI TS 102226 V 18.2.0	Smart Cards – Remote APDU structure for UICC based applications (Release 18)	35.240.15	2024-04
ETSI TR 102638 V 2.1.1	Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Release 2	35.240.60	2024-04
ETSI TS 102694-2 V 12.1.1	Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 2: UICC features (Release 12)	35.240.15	2024-04
ETSI TS 103120 V 1.16.1	Lawful Interception (LI) – Interface for warrant information	33.040.35	2024-04
ETSI TS 103221-1 V 1.17.1	Lawful Interception (LI) – Internal Network Interfaces – Part 1: X1	33.040.35	2024-04
ETSI TS 103280 V 2.12.1	Lawful Interception (LI) – Dictionary for common parameters	33.040.35	2024-04
ETSI TS 103564 V 1.6.1	Plugtests™ scenarios for Mission Critical Services	33.070.10	2024-04
ETSI TR 103578 V 2.1.1	Intelligent Transport Systems (ITS) – Vehicular Communications – Manoeuvre Coordination Service (MCS) – Pre-standardization study – Release 2	35.240.60	2024-04
ETSI TS 103707 V 1.8.1	Lawful Interception (LI) – Handover Interface for HTTP delivery	33.040.35	2024-04
ETSI TS 103831 V 2.2.1	Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Decentralized Environmental Notification Service – Release 2	35.240.60	2024-04
ETSI TS 103859 V 12.0.1	Publicly Available Specification (PAS) – O-RAN Fronthaul Control, User and Synchronization Plane Specification v12.01 – (O-RAN.WG4.CUS.0-R003-v12.01)	33.070.01	2024-04
ETSI TS 103933 V 1.1.1	Access, Terminals, Transmission and Multiplexing (ATM) – Fibre deployment for fibre-based in-premises networking	33.060.40	2024-04
ETSI TR 103977 V 1.1.1	RFID Measurement methods for transmit spectrum using modern spectrum analysers	33.100.10	2024-04
ETSI TR 104067 V 1.1.1	Securing Artificial Intelligence (SAI) – Proofs of Concepts Framework	35.240.01	2024-04
ETSI TR 104225 V 1.1.1	Securing Artificial Intelligence TC (SAI) – Privacy aspects of AI/ML systems	35.240.01	2024-04
ETSI TR 119520-1 V 1.1.1	Electronic Signatures and Trust Infrastructures (ESI) – Framework of ERDS/REM standards – Part 1: New (Q)ERDS/(Q)ERDSP standardization rationalized framework as a result of the new components brought by eIDAS2.0	33.040.01	2024-04
ETSI TR 119520-2 V 1.1.1	Electronic Signatures and Trust Infrastructures (ESI) – Framework of ERDS/REM standards – Part 2: Impact of emerging technologies on ERDS/REM Models	33.040.01	2024-04
ETSI TS 121101 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 121201 V 18.0.0	LTE – Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 121202 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Technical Specifications and Technical Reports relating to the Common IP Multimedia Subsystem (IMS) (3GPP TS 21.202 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 121905 V 15.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 15.2.0 Release 15)	33.070.50	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 121905 V 16.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 16.1.0 Release 16)	33.070.50	2024-04
ETSI TR 121905 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 17.2.0 Release 17)	33.070.50	2024-04
ETSI TR 121905 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 122031 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Fraud Information Gathering System (FIGS) – Service description – Stage 1 (3GPP TS 22.031 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 122032 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Immediate Service Termination (IST) – Service description – Stage 1 (3GPP TS 22.032 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123002 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Network architecture (3GPP TS 23.002 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123007 V 17.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Restoration procedures (3GPP TS 23.007 version 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 123031 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – 3G Security – Fraud Information Gathering System (FIGS) – Technical realization – Stage 2 (3GPP TS 23.031 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123035 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Immediate Service Termination (IST) – Stage 2 (3GPP TS 23.035 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123057 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Mobile Execution Environment (MExE) – Functional description – Stage 2 (3GPP TS 23.057 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123060 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2 (3GPP TS 23.060 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123101 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – General Universal Mobile Telecommunications System (UMTS) architecture (3GPP TS 23.101 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123107 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Quality of Service (QoS) concept and architecture (3GPP TS 23.107 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123110 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Mobile Telecommunications System (UMTS) access stratum – Services and functions (3GPP TS 23.110 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123139 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system – fixed broadband access network interworking – Stage 2 (3GPP TS 23.139 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123141 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Architecture and functional description (3GPP TS 23.141 version 18.0.0 Release 18)	33.070.50	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123146 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – Technical realization of facsimile Group 3 non-transparent (3GPP TS 23.146 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123161 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Network-Based IP Flow Mobility (NBIFOM) – Stage 2 (3GPP TS 23.161 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123172 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – Technical realization of Circuit Switched (CS) multimedia service UDI/RDI fallback and service modification – Stage 2 (3GPP TS 23.172 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123202 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Circuit switched data bearer services (3GPP TS 23.202 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123203 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123204 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access – Stage 2 (3GPP TS 23.204 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123207 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – End-to-end Quality of Service (QoS) concept and architecture (3GPP TS 23.207 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123214 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for control and user plane separation of EPC nodes (3GPP TS 23.214 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123221 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123222 V 18.4.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 18.4.0 Release 18)	33.070.99	2024-04
ETSI TS 123226 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Global text telephony (GTT) – Stage 2 (3GPP TS 23.226 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123236 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes (3GPP TS 23.236 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123237 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123240 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Architecture (Stage 2) (3GPP TS 23.240 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123246 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Architecture and functional description (3GPP TS 23.246 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123247 V 17.10.0	5G – Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.10.0 Release 17)	33.070.50	2024-04
ETSI TS 123251 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123272 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 18.0.0 Release 18)	33.070.50	2024-04



Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123273 V 16.12.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 16.12.0 Release 16)	33.070.50	2024-04
ETSI TS 123273 V 17.9.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 17.9.0 Release 17)	33.070.50	2024-04
ETSI TS 123279 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 2 (3GPP TS 23.279 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123280 V 15.8.0	LTE – Common functional architecture to support mission critical services – Stage 2 (3GPP TS 23.280 version 15.8.0 Release 15)	33.070.99	2024-04
ETSI TS 123280 V 17.10.0	LTE – Common functional architecture to support mission critical services – Stage 2 (3GPP TS 23.280 version 17.10.0 Release 17)	33.070.99	2024-04
ETSI TS 123280 V 18.9.0	LTE – Common functional architecture to support mission critical services – Stage 2 (3GPP TS 23.280 version 18.9.0 Release 18)	33.070.99	2024-04
ETSI TS 123281 V 18.7.0	LTE – Functional architecture and information flows to support Mission Critical Video (MCVideo) – Stage 2 (3GPP TS 23.281 version 18.7.0 Release 18)	33.070.99	2024-04
ETSI TS 123285 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for V2X services (3GPP TS 23.285 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123288 V 17.11.0	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.11.0 Release 17)	33.070.50	2024-04
ETSI TS 123289 V 18.8.0	5G – Mission Critical services over 5G System – Stage 2 (3GPP TS 23.289 version 18.8.0 Release 18)	33.070.50	2024-04
ETSI TS 123292 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) centralized services – Stage 2 (3GPP TS 23.292 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123303 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based services (ProSe) – Stage 2 (3GPP TS 23.303 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123304 V 18.5.1	5G – Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 18.5.1 Release 18)	33.070.50	2024-04
ETSI TS 123334 V 12.13.0	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 12.13.0 Release 12)	33.070.50	2024-04
ETSI TS 123334 V 13.13.0	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 13.13.0 Release 13)	33.070.50	2024-04
ETSI TS 123334 V 14.9.0	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 14.9.0 Release 14)	33.070.50	2024-04
ETSI TS 123334 V 15.4.0	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 15.4.0 Release 15)	33.070.50	2024-04
ETSI TS 123334 V 16.4.0	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 16.4.0 Release 16)	33.070.50	2024-04

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ETSI TS 123334 V 17.3.0	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 17.3.0 Release 17)	33.070.50	2024-04
ETSI TS 123379 V 18.9.0	LTE – Functional architecture and information flows to support Mission Critical Push To Talk (MCPTT) – Stage 2 (3GPP TS 23.379 version 18.9.0 Release 18)	33.070.99	2024-04
ETSI TS 123433 V 18.3.0	LTE – 5G – Service Enabler Architecture Layer for Verticals (SEAL) – Data Delivery enabler for vertical applications (3GPP TS 23.433 version 18.3.0 Release 18)	33.070.50	2024-04
ETSI TS 123434 V 17.10.0	5G – Service Enabler Architecture Layer for Verticals (SEAL) – Functional architecture and information flows (3GPP TS 23.434 version 17.10.0 Release 17)	33.070.99	2024-04
ETSI TS 123434 V 18.8.0	5G – Service Enabler Architecture Layer for Verticals (SEAL) – Functional architecture and information flows (3GPP TS 23.434 version 18.8.0 Release 18)	33.070.99	2024-04
ETSI TS 123435 V 18.2.0	LTE – 5G – Procedures for Network Slice Capability Exposure for Application Layer Enablement Service (3GPP TS 23.435 version 18.2.0 Release 18)	33.070.50	2024-04
ETSI TS 123436 V 18.3.0	LTE – 5G – Functional architecture and information flows for Application Data Analytics Enablement Service (3GPP TS 23.436 version 18.3.0 Release 18)	33.070.50	2024-04
ETSI TS 123468 V 18.0.0	LTE – Group Communication System Enablers for LTE (GCSE LTE) – Stage 2 (3GPP TS 23.468 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 123501 V 17.12.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.12.0 Release 17)	33.070.50	2024-04
ETSI TS 123502 V 16.19.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.19.0 Release 16)	33.070.50	2024-04
ETSI TS 123502 V 17.12.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.12.0 Release 17)	33.070.50	2024-04
ETSI TS 123503 V 16.15.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 16.15.0 Release 16)	33.070.50	2024-04
ETSI TS 123503 V 17.11.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 17.11.0 Release 17)	33.070.50	2024-04
ETSI TS 123540 V 17.4.0	5G – 5G System: Technical realization of Service Based Short Message Service – Stage 2 (3GPP TS 23.540 version 17.4.0 Release 17)	33.070.50	2024-04
ETSI TS 123542 V 18.3.0	5G – Application layer support for Personal IoT Network (3GPP TS 23.542 version 18.3.0 Release 18)	33.070.50; 35.240.95	2024-04
ETSI TS 123554 V 18.7.0	5G – Application architecture for MSGin5G Service – Stage 2 (3GPP TS 23.554 version 18.7.0 Release 18)	33.070.50	2024-04
ETSI TS 123558 V 18.6.0	5G – Architecture for enabling Edge Applications (3GPP TS 23.558 version 18.6.0 Release 18)	33.070.50	2024-04
ETSI TR 123903 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Redial solution for voice-video switching (3GPP TR 23.903 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 123919 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Direct tunnel deployment guideline (3GPP TR 23.919 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 123924 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – Feasibility study on Non-Access Stratum (NAS) node selection function above Base Station Controller (BSC) / Radio Network Controller (RNC) (3GPP TR 23.924 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 123958 V 18.1.0	LTE – 5G – Edge Application Standards in 3GPP and alignment with External Organizations (3GPP TR 23.958 version 18.1.0 Release 18)	33.070.50	2024-04
ETSI TR 123973 V 18.0.0	LTE – 5G – User data interworking, coexistence and migration (3GPP TR 23.973 version 18.0.0 Release 18)	33.070.50	2024-04

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ETSI TR 123975 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IPv6 migration guidelines (3GPP TR 23.975 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 123976 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Push architecture (3GPP TR 23.976 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 123977 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks (3GPP TR 23.977 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 123979 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP enablers for Open Mobile Alliance (OMA) – Push-to-talk over Cellular (PoC) services – Stage 2 (3GPP TR 23.979 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 123981 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations (3GPP TR 23.981 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 124022 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Radio Link Protocol (RLP) for circuit switched bearer and teleservices (3GPP TS 24.022 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 124147 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 17.1.0 Release 17)	33.070.50	2024-04
ETSI TS 124147 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 124229 V 17.14.0	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 17.14.0 Release 17)	33.070.50	2024-04
ETSI TS 124282 V 16.10.0	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 16.10.0 Release 16)	33.070.99	2024-04
ETSI TS 124282 V 17.10.0	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 17.10.0 Release 17)	33.070.99	2024-04
ETSI TS 124501 V 17.14.0	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 17.14.0 Release 17)	33.070.99	2024-04
ETSI TS 124538 V 17.6.0	5G – Enabling MSGin5G Service – Protocol specification (3GPP TS 24.538 version 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 124545 V 17.9.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 17.9.0 Release 17)	33.070.99	2024-04
ETSI TS 124554 V 17.8.0	5G – Proximity-services (ProSe) in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.554 version 17.8.0 Release 17)	33.070.50	2024-04
ETSI TS 125401 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN overall description (3GPP TS 25.401 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125402 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – Synchronisation in UTRAN Stage 2 (3GPP TS 25.402 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125410 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN lu interface: General aspects and principles (3GPP TS 25.410 version 18.0.0 Release 18)	33.070.50	2024-04

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ETSI TS 125411 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface layer 1 (3GPP TS 25.411 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125412 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface signalling transport (3GPP TS 25.412 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125413 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling (3GPP TS 25.413 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125414 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface data transport and transport signalling (3GPP TS 25.414 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125415 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface user plane protocols (3GPP TS 25.415 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125419 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) (3GPP TS 25.419 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125420 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface general aspects and principles (3GPP TS 25.420 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125421 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface layer 1 (3GPP TS 25.421 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125422 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface signalling transport (3GPP TS 25.422 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125423 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125424 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface data transport & transport signalling for Common Transport Channel data streams (3GPP TS 25.424 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125425 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.425 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125426 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams (3GPP TS 25.426 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125427 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub/Iur interface user plane protocol for DCH data streams (3GPP TS 25.427 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125430 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub Interface: general aspects and principles (3GPP TS 25.430 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125431 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Layer 1 (3GPP TS 25.431 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125432 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface: signalling transport (3GPP TS 25.432 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125433 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Node B Application Part (NBAP) signalling (3GPP TS 25.433 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125434 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface data transport and transport signalling for Common Transport Channel data streams (3GPP TS 25.434 version 18.0.0 Release 18)	33.070.50	2024-04

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ETSI TS 125435 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.435 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125442 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN implementation-specific O&M transport (3GPP TS 25.442 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125444 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – Iuh data transport (3GPP TS 25.444 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125446 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – MBMS synchronisation protocol (SYNC) (3GPP TS 25.446 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125450 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface general aspects and principles (3GPP TS 25.450 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125451 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface layer 1 (3GPP TS 25.451 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125452 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface: signalling transport (3GPP TS 25.452 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125453 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling (3GPP TS 25.453 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125460 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: General aspects and principles (3GPP TS 25.460 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125461 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: Layer 1 (3GPP TS 25.461 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125462 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: Signalling transport (3GPP TS 25.462 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125466 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: Application part (3GPP TS 25.466 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125467 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN architecture for 3G Home Node B (HNB) – Stage 2 (3GPP TS 25.467 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125468 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh Interface RANAP User Adaption (RUA) signalling (3GPP TS 25.468 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125469 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh interface Home Node B (HNB) Application Part (HNBAP) signalling (3GPP TS 25.469 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125470 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh Interface PCAP User Adaption (PUA) signalling (3GPP TS 25.470 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125471 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iurh interface Radio Network Subsystem Application Part (RNSAP) User Adaption (RNA) signalling (3GPP TS 25.471 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 125484 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – Automatic Neighbour Relation (ANR) for UTRAN – Stage 2 (3GPP TS 25.484 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 125931 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN functions, examples on signalling procedures (3GPP TR 25.931 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 126117 V 16.2.0	5G – 5G Media Streaming (5GMS) – Speech and audio profiles (3GPP TS 26.117 version 16.2.0 Release 16)	33.070.50	2024-04
ETSI TS 126117 V 17.2.0	5G – 5G Media Streaming (5GMS) – Speech and audio profiles (3GPP TS 26.117 version 17.2.0 Release 17)	33.070.50	2024-04

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ETSI TS 126501 V 16.14.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 16.14.0 Release 16)	33.070.50	2024-04
ETSI TS 126501 V 17.9.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 17.9.0 Release 17)	33.070.50	2024-04
ETSI TS 126511 V 16.3.0	5G – 5G Media Streaming (5GMS) – Profiles, codecs and formats (3GPP TS 26.511 version 16.3.0 Release 16)	33.070.50	2024-04
ETSI TS 126511 V 17.2.0	5G – 5G Media Streaming (5GMS) – Profiles, codecs and formats (3GPP TS 26.511 version 17.2.0 Release 17)	33.070.50	2024-04
ETSI TS 126512 V 17.8.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 17.8.0 Release 17)	33.070.50	2024-04
ETSI TS 126517 V 17.5.0	LTE – 5G – 5G Multicast-Broadcast User Services – Protocols and Formats (3GPP TS 26.517 version 17.5.0 Release 17)	33.070.50	2024-04
ETSI TS 127001 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) (3GPP TS 27.001 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 127002 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Terminal Adaptation Functions (TAF) for services using asynchronous bearer capabilities (3GPP TS 27.002 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 127003 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Terminal Adaptation Functions (TAF) for services using synchronous bearer capabilities (3GPP TS 27.003 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 127010 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Terminal Equipment to User Equipment (TE-UE) multiplexer protocol (3GPP TS 27.010 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 127060 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Packet domain – Mobile Station (MS) supporting Packet Switched services (3GPP TS 27.060 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129007 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129108 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Application of the Radio Access Network Application Part (RANAP) on the E-interface (3GPP TS 29.108 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129122 V 16.17.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 16.17.0 Release 16)	33.070.99	2024-04
ETSI TS 129122 V 17.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 17.12.0 Release 17)	33.070.99	2024-04
ETSI TS 129153 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Ns reference point (3GPP TS 29.153 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129154 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Nt reference point (3GPP TS 29.154 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129155 V 18.0.0	LTE – Traffic steering control – Representational State Transfer (REST) over St reference point (3GPP TS 29.155 version 18.0.0 Release 18)	33.070.99	2024-04
ETSI TS 129162 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 18.0.0 Release 18)	33.070.50	2024-04

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ETSI TS 129163 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129164 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Interworking between the 3GPP CS domain with BICC or ISUP as signalling protocol and external SIP-I networks (3GPP TS 29.164 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129201 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC) (3GPP TS 29.201 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129212 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129215 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129217 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Congestion reporting over Np reference point (3GPP TS 29.217 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129219 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control: Spending limit reporting over Sy reference point (3GPP TS 29.219 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129235 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129244 V 16.13.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 16.13.0 Release 16)	33.070.99	2024-04
ETSI TS 129244 V 17.10.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.10.0 Release 17)	33.070.99	2024-04
ETSI TS 129250 V 18.0.0	LTE – Nu reference point between SCEF and PFDF for sponsored data connectivity (3GPP TS 29.250 version 18.0.0 Release 18)	33.070.99	2024-04
ETSI TS 129251 V 18.0.0	LTE – Gw and Gwn reference point for sponsored data connectivity (3GPP TS 29.251 version 18.0.0 Release 18)	33.070.99	2024-04
ETSI TS 129272 V 17.6.0	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 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 129274 V 17.11.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 17.11.0 Release 17)	33.070.50	2024-04
ETSI TS 129292 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129303 V 17.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Domain Name System Procedures – Stage 3 (3GPP TS 29.303 version 17.5.0 Release 17)	33.070.50	2024-04
ETSI TS 129311 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Service Level Interworking (SLI) for messaging services (3GPP TS 29.311 version 18.0.0 Release 18)	33.070.50	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129334 V 12.10.0	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 12.10.0 Release 12)	33.070.50	2024-04
ETSI TS 129334 V 13.11.0	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 13.11.0 Release 13)	33.070.50	2024-04
ETSI TS 129334 V 14.7.0	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 14.7.0 Release 14)	33.070.50	2024-04
ETSI TS 129334 V 15.4.0	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 15.4.0 Release 15)	33.070.50	2024-04
ETSI TS 129334 V 16.4.0	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 16.4.0 Release 16)	33.070.50	2024-04
ETSI TS 129334 V 17.3.0	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 17.3.0 Release 17)	33.070.50	2024-04
ETSI TS 129343 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) function to ProSe application server aspects (PC2) – Stage 3 (3GPP TS 29.343 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129368 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS) (3GPP TS 29.368 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129413 V 15.6.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 15.6.0 Release 15)	33.070.99	2024-04
ETSI TS 129413 V 16.5.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 16.5.0 Release 16)	33.070.99	2024-04
ETSI TS 129413 V 17.4.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 17.4.0 Release 17)	33.070.99	2024-04
ETSI TS 129486 V 16.5.0	LTE – 5G – V2X Application Enabler (VAE) Services – Stage 3 (3GPP TS 29.486 version 16.5.0 Release 16)	33.070.99	2024-04
ETSI TS 129486 V 17.7.0	LTE – 5G – V2X Application Enabler (VAE) Services – Stage 3 (3GPP TS 29.486 version 17.7.0 Release 17)	33.070.99	2024-04
ETSI TS 129500 V 17.14.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 17.14.0 Release 17)	33.070.99	2024-04
ETSI TS 129502 V 16.16.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 16.16.0 Release 16)	33.070.99	2024-04
ETSI TS 129502 V 17.12.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 17.12.0 Release 17)	33.070.99	2024-04
ETSI TS 129503 V 17.14.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 17.14.0 Release 17)	33.070.99	2024-04
ETSI TS 129504 V 16.12.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 16.12.0 Release 16)	33.070.99	2024-04
ETSI TS 129504 V 17.14.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 17.14.0 Release 17)	33.070.99	2024-04
ETSI TS 129505 V 16.12.0	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 16.12.0 Release 16)	33.070.99	2024-04



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ETSI TS 129505 V 17.11.0	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 17.11.0 Release 17)	33.070.99	2024-04
ETSI TS 129508 V 16.13.0	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 16.13.0 Release 16)	33.070.99	2024-04
ETSI TS 129508 V 17.12.0	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 17.12.0 Release 17)	33.070.99	2024-04
ETSI TS 129509 V 17.10.0	5G – 5G System – Authentication Server Services – Stage 3 (3GPP TS 29.509 version 17.10.0 Release 17)	33.070.50	2024-04
ETSI TS 129510 V 17.13.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 17.13.0 Release 17)	33.070.99	2024-04
ETSI TS 129512 V 16.18.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 16.18.0 Release 16)	33.070.99	2024-04
ETSI TS 129512 V 17.13.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 17.13.0 Release 17)	33.070.99	2024-04
ETSI TS 129513 V 16.13.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 16.13.0 Release 16)	33.070.99	2024-04
ETSI TS 129513 V 17.14.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 17.14.0 Release 17)	33.070.99	2024-04
ETSI TS 129514 V 16.19.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 16.19.0 Release 16)	33.070.99	2024-04
ETSI TS 129514 V 17.11.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 17.11.0 Release 17)	33.070.99	2024-04
ETSI TS 129518 V 17.13.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 17.13.0 Release 17)	33.070.99	2024-04
ETSI TS 129520 V 18.5.1	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 18.5.1 Release 18)	33.070.99	2024-04
ETSI TS 129522 V 16.16.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 16.16.0 Release 16)	33.070.99	2024-04
ETSI TS 129522 V 17.13.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 17.13.0 Release 17)	33.070.99	2024-04
ETSI TS 129526 V 16.8.0	5G – 5G System – Network Slice-Specific and SNPN Authentication and Authorization services – Stage 3 (3GPP TS 29.526 version 16.8.0 Release 16)	33.070.99	2024-04
ETSI TS 129526 V 17.9.0	5G – 5G System – Network Slice-Specific and SNPN Authentication and Authorization services – Stage 3 (3GPP TS 29.526 version 17.9.0 Release 17)	33.070.99	2024-04
ETSI TS 129531 V 17.9.0	5G – 5G System – Network Slice Selection Services – Stage 3 (3GPP TS 29.531 version 17.9.0 Release 17)	33.070.99	2024-04
ETSI TS 129536 V 17.5.0	5G – 5G System – Network Slice Admission Control Services – Stage 3 (3GPP TS 29.536 version 17.5.0 Release 17)	33.070.50	2024-04
ETSI TS 129552 V 17.6.0	5G – 5G System – Network Data Analytics signalling flows – Stage 3 (3GPP TS 29.552 version 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 129558 V 17.6.0	5G – Enabling Edge Applications – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.558 version 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 129562 V 16.9.0	5G – 5G System – Home Subscriber Server (HSS) services – Stage 3 (3GPP TS 29.562 version 16.9.0 Release 16)	33.070.99	2024-04
ETSI TS 129562 V 17.8.0	5G – 5G System – Home Subscriber Server (HSS) services – Stage 3 (3GPP TS 29.562 version 17.8.0 Release 17)	33.070.99	2024-04
ETSI TS 129565 V 17.6.0	5G – 5G System – Time Sensitive Communication and Time Synchronization Function Services – Stage 3 (3GPP TS 29.565 version 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 129571 V 16.14.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 16.14.0 Release 16)	33.070.99	2024-04
ETSI TS 129571 V 17.11.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 17.11.0 Release 17)	33.070.99	2024-04

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ETSI TS 129572 V 16.10.0	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 16.10.0 Release 16)	33.070.99	2024-04
ETSI TS 129572 V 17.10.0	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 17.10.0 Release 17)	33.070.99	2024-04
ETSI TS 129577 V 17.2.0	5G – 5G System – IP Short Message Gateway and SMS Router For Short Message Services – Stage 3 (3GPP TS 29.577 version 17.2.0 Release 17)	33.070.50	2024-04
ETSI TS 129658 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – SIP Transfer of IP Multimedia Service Tariff Information – Protocol specification (3GPP TS 29.658 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 129673 V 17.5.0	LTE – 5G – 5G System – UE radio capability management services – Stage 3 (3GPP TS 29.673 version 17.5.0 Release 17)	33.070.50	2024-04
ETSI TR 129909 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based protocols usage and recommendations in 3GPP (3GPP TR 29.909 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 129949 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study on technical aspects on roaming end-to-end scenarios with Voice over LTE (VoLTE) IP Multimedia Subsystem (IMS) and other networks (3GPP TR 29.949 version 18.0.0 Release 18)	33.070.99	2024-04
ETSI TS 133102 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3G security – Security architecture (3GPP TS 33.102 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133105 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Cryptographic algorithm requirements (3GPP TS 33.105 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133106 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception requirements (3GPP TS 33.106 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133107 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133108 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 17.4.0 Release 17)	33.070.50	2024-04
ETSI TS 133108 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133110 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Key establishment between a Universal Integrated Circuit Card (UICC) and a terminal (3GPP TS 33.110 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133116 V 18.0.0	LTE – Security Assurance Specification (SCAS) for the MME network product class (3GPP TS 33.116 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133117 V 17.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Catalogue of general security assurance requirements (3GPP TS 33.117 version 17.5.0 Release 17)	33.070.50	2024-04
ETSI TS 133127 V 17.12.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 17.12.0 Release 17)	33.070.50	2024-04
ETSI TS 133128 V 17.12.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 17.12.0 Release 17)	33.070.50	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 133141 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Security (3GPP TS 33.141 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133163 V 18.0.0	LTE – 5G – Battery Efficient Security for very low throughput Machine Type Communication (MTC) devices (BEST) (3GPP TS 33.163 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133185 V 18.0.0	LTE – 5G – Security aspect for LTE support of Vehicle-to-Everything (V2X) services (3GPP TS 33.185 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133187 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Security aspects of Machine-Type Communications (MTC) and other mobile data applications communications enhancements (3GPP TS 33.187 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133204 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Network Domain Security (NDS) – Transaction Capabilities Application Part (TCAP) user security (3GPP TS 33.204 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133210 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – IP network layer security (3GPP TS 33.210 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133221 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Support for subscriber certificates (3GPP TS 33.221 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133222 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) (3GPP TS 33.222 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133223 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) Push function (3GPP TS 33.223 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133224 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) push layer (3GPP TS 33.224 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133226 V 18.0.0	LTE – 5G – Security assurance for IP Multimedia Subsystem (IMS) (3GPP TS 33.226 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133234 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Wireless Local Area Network (WLAN) interworking security (3GPP TS 33.234 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133246 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Security of Multimedia Broadcast/Multicast Service (MBMS) (3GPP TS 33.246 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133250 V 18.0.0	LTE – Security assurance specification for the PGW network product class (3GPP TS 33.250 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133256 V 17.6.0	5G – Security aspects of Uncrewed Aerial Systems (UAS) (3GPP TS 33.256 version 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 133259 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Key establishment between a UICC hosting device and a remote device (3GPP TS 33.259 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133303 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based Services (ProSe) – Security aspects (3GPP TS 33.303 version 18.0.0 Release 18)	33.070.50	2024-04

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ETSI TS 133310 V 16.16.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 16.16.0 Release 16)	33.070.50	2024-04
ETSI TS 133310 V 17.9.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 17.9.0 Release 17)	33.070.50	2024-04
ETSI TS 133320 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Security of Home Node B (HNB) / Home evolved Node B (HeNB) (3GPP TS 33.320 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133401 V 18.0.0	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 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 133434 V 17.4.0	LTE – 5G – Security aspects of Service Enabler Architecture Layer (SEAL) for verticals (3GPP TS 33.434 version 17.4.0 Release 17)	33.070.50	2024-04
ETSI TS 133501 V 15.18.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.18.0 Release 15)	33.070.50	2024-04
ETSI TS 133501 V 16.18.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.18.0 Release 16)	33.070.50	2024-04
ETSI TS 133501 V 17.13.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 17.13.0 Release 17)	33.070.50	2024-04
ETSI TS 133503 V 17.7.0	5G – Security Aspects of Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 33.503 version 17.7.0 Release 17)	33.070.50	2024-04
ETSI TS 133511 V 16.12.0	5G – Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 16.12.0 Release 16)	33.070.50	2024-04
ETSI TS 133511 V 17.6.0	5G – Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 133535 V 17.11.0	5G – Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS) (3GPP TS 33.535 version 17.11.0 Release 17)	33.070.50	2024-04
ETSI TS 133536 V 18.0.0	LTE – 5G – Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services (3GPP TS 33.536 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 133905 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Recommendations for Trusted Open Platforms (3GPP TR 33.905 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 133919 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Generic Authentication Architecture (GAA) – System description (3GPP TR 33.919 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 133924 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Identity management and 3GPP security interworking – Identity management and Generic Authentication Architecture (GAA) interworking (3GPP TR 33.924 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 133926 V 17.9.0	LTE – 5G – Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 17.9.0 Release 17)	33.070.50	2024-04
ETSI TR 133935 V 18.0.0	LTE – 5G – Study on detailed Long Term Key Update Process (LTKUP) detailed solutions (3GPP TR 33.935 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 133937 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study of mechanisms for Protection against Unsolicited Communication for IMS (PUCI) (3GPP TR 33.937 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 133969 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on security aspects of Public Warning System (PWS) (3GPP TR 33.969 version 18.0.0 Release 18)	33.070.50	2024-04

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ETSI TR 133980 V 18.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Liberty Alliance and 3GPP security interworking – Interworking of Liberty Alliance Identity Federation Framework (ID-FF), Identity Web Services Framework (ID-WSF) and Generic Authentication Architecture (GAA) (3GPP TR 33.980 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TR 133995 V 18.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study on security aspects of integration of Single Sign-On (SSO) frameworks with 3GPP operator-controlled resources and mechanisms (3GPP TR 33.995 version 18.0.0 Release 18)	33.070.50	2024-04
ETSI TS 136413 V 16.14.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.14.0 Release 16)	33.070.50	2024-04
ETSI TS 136413 V 17.6.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.6.0 Release 17)	33.070.50	2024-04
ETSI TS 136423 V 16.13.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.13.0 Release 16)	33.070.50	2024-04
ETSI TS 136423 V 17.7.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.7.0 Release 17)	33.070.50	2024-04
ETSI TS 137482 V 17.4.0	5G – E1 signalling transport (3GPP TS 37.482 version 17.4.0 Release 17)	33.070.50	2024-04
ETSI TS 137483 V 17.8.0	5G – E1 Application Protocol (E1AP) (3GPP TS 37.483 version 17.8.0 Release 17)	33.070.50	2024-04
ETSI TS 138211 V 17.7.0	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 17.7.0 Release 17)	33.070.99	2024-04
ETSI TS 138212 V 16.13.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 16.13.0 Release 16)	33.070.99	2024-04
ETSI TS 138212 V 17.8.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 17.8.0 Release 17)	33.070.99	2024-04
ETSI TS 138213 V 16.17.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 16.17.0 Release 16)	33.070.99	2024-04
ETSI TS 138213 V 17.9.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 17.9.0 Release 17)	33.070.99	2024-04
ETSI TS 138214 V 16.16.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 16.16.0 Release 16)	33.070.99	2024-04
ETSI TS 138214 V 17.9.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 17.9.0 Release 17)	33.070.99	2024-04
ETSI TS 138401 V 16.12.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 16.12.0 Release 16)	33.070.99	2024-04
ETSI TS 138401 V 17.8.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 17.8.0 Release 17)	33.070.99	2024-04
ETSI TS 138423 V 15.19.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.19.0 Release 15)	33.070.99	2024-04
ETSI TS 138423 V 16.17.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.17.0 Release 16)	33.070.99	2024-04
ETSI TS 138423 V 17.8.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.8.0 Release 17)	33.070.99	2024-04
ETSI TS 138455 V 17.7.0	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 17.7.0 Release 17)	33.070.99	2024-04
ETSI TS 138462 V 15.8.0	5G – NG-RAN – E1 signalling transport (3GPP TS 38.462 version 15.8.0 Release 15)	33.070.99	2024-04
ETSI TS 138462 V 16.3.0	5G – NG-RAN – E1 signalling transport (3GPP TS 38.462 version 16.3.0 Release 16)	33.070.99	2024-04
ETSI TS 138473 V 16.17.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.17.0 Release 16)	33.070.99	2024-04
ETSI TS 138473 V 17.8.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.8.0 Release 17)	33.070.99	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 143020 V 8.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 8.2.0 Release 8)	33.070.50	2024-04
ETSI TS 143020 V 9.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 9.4.0 Release 9)	33.070.50	2024-04
ETSI TS 143020 V 10.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 10.4.0 Release 10)	33.070.50	2024-04
ETSI TS 143020 V 11.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 11.6.0 Release 11)	33.070.50	2024-04
ETSI TS 143020 V 12.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 12.4.0 Release 12)	33.070.50	2024-04
ETSI TS 143020 V 13.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 13.9.0 Release 13)	33.070.50	2024-04
ETSI TS 143020 V 14.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 14.6.0 Release 14)	33.070.50	2024-04
ETSI TS 143020 V 15.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 15.3.0 Release 15)	33.070.50	2024-04
ETSI TS 143020 V 16.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 16.2.0 Release 16)	33.070.50	2024-04
ETSI TS 143020 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 17.1.0 Release 17)	33.070.50	2024-04
ETSI GS CIM 012 V 2.1.1	Context Information Management (CIM) – NGSI-LD Test Suite Structure	35.080; 35.240.01	2024-04
ETSI GS CIM 013 V 2.1.1	Context Information Management (CIM) – NGSI-LD Test Purposes Descriptions	35.080; 35.240.01	2024-04
ETSI GS CIM 014 V 2.1.1	Context Information Management (CIM) – NGSI-LD Test Suite	35.080; 35.240.01	2024-04
ETSI GS CIM 027 V 1.1.1	Context Information Management (CIM) – NGSI-LD Testing Framework: Test Purposes Description Language (TPDL)	35.080; 35.240.01	2024-04
ETSI GS CIM 029 V 1.1.1	Context Information Management (CIM) – NGSI-LD Implementation Conformance Statement	35.080; 35.240.01	2024-04
ETSI GS F5G 017 V 1.1.1	Fifth Generation Fixed Network (F5G) – F5G Measurement Specification for Residential Services Quality Evaluation	33.040.35	2024-04
ETSI GR CIM 015 V 2.1.1	Context Information Management (CIM) – NGSI-LD Testing Environment Validation	35.080; 35.240.01	2024-04
ETSI GR MEC 044 V 3.1.1	Multi-access Edge Computing (MEC) – Study on MEC Application Slices	33.070.99	2024-04
ETSI GS MEC 003 V 3.2.1	Multi-access Edge Computing (MEC) – Framework and Reference Architecture	33.070.99	2024-04
ETSI GS MEC 011 V 3.2.1	Multi-access Edge Computing (MEC) – Edge Platform Application Enablement	33.070.99	2024-04
ETSI GS MEC 015 V 3.1.1	Multi-access Edge Computing (MEC) – Traffic Management APIs	33.070.99	2024-04
ETSI GS MEC 037 V 3.2.1	Multi-access Edge Computing (MEC) – Application Package Format and Descriptor Specification	35.110	2024-04
ETSI GS MEC 046 V 3.1.1	Multi-access Edge Computing (MEC) – Sensor-sharing API	33.070.99	2024-04
ETSI GS MEC 048 V 3.1.1	Multi-access Edge Computing (MEC) – Enablement API for Customer Self-Service	33.070.99	2024-04
ETSI GS NFV-IFA 006 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Vi-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS NFV-IFA 007 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Or-Vnfm reference point – Interface and Information Model Specification	33.040.40; 35.110	2024-04
ETSI GS NFV-IFA 010 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Functional requirements specification	33.040.40; 35.110	2024-04
ETSI GS NFV-IFA 011 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – VNF Descriptor and Packaging Specification	33.040.40; 35.110	2024-04
ETSI GS NFV-IFA 013 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Os-Ma-nfvo reference point – Interface and Information Model Specification	33.040.40; 35.110	2024-04
ETSI GS NFV-IFA 036 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Requirements for service interfaces and object model for container cluster management and orchestration specification	35.110	2024-04
ETSI GS NFV-SOL 003 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – RESTful protocols specification for the Or-Vnfm Reference Point	35.110	2024-04
ETSI GS NFV-SOL 014 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – YAML data model specification for descriptor-based virtualised resource management	35.110	2024-04
ETSI GS NFV-SOL 020 V 4.6.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – Specification of protocols and data models for Container Infrastructure Service Cluster Management	35.110	2024-04
ETSI GS PDL 023 V 1.1.1	PDL service enablers for Decentralized Identification and Trust Management	35.240.99	2024-04





## Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC TR 30195	Internet of Things (IoT) – IoT Applications for Long-distance Oil and Gas Pipeline	35.240.95; 75.200	2024-04
ISO/IEC TR 30189-1	Internet of Things (IoT) – IoT-based management of tangible cultural heritage assets – Part 1: Framework	35.240.95	2024-04
ISO 1467	General purpose push-pull single-pole circuit-breakers for aircraft – Performance requirements	49.060	2024-04
ISO 1509	General purpose push-pull three-pole circuit-breakers for aircraft – Performance requirements	49.060	2024-04
ISO 2611-1	Analysis of natural gas – Halogen content of biomethane – Part 1: HCl and HF content by ion chromatography	75.060	2024-04
ISO 2615	Analysis of natural gas -Biomethane – Determination of the content of compressor oil	75.060	2024-04
ISO 3548-1 AMD 1	Plain bearings – Thin-walled half bearings with or without flange – Part 1: Tolerances, design features and methods of test – Amendment 1	21.100.10	2024-04
ISO 3677	Filler metal for brazing – Designation	25.160.50	2024-04
ISO 4641	Rubber hoses and hose assemblies for water suction and discharge – Specification	23.040.70	2024-04
ISO/IEC 5087-2	Information technology – City data model – Part 2: City level concepts	13.020.20; 35.240.99	2024-04
ISO 5201	Financial services – Code-scanning payment security	03.060; 35.240.40	2024-04
ISO/IEC 5207	Information technology – Data usage – Terminology and use cases	01.040.35; 35.020	2024-04
ISO/IEC 5212	Information technology – Data usage – Guidance for data usage	35.020	2024-04
ISO 5216	Commercial road vehicles – Ball-bearing turntable – Interchangeability	43.040.70	2024-04
ISO/TS 5354-2	Molecular biomarkers – Detection of DNA in cotton used for textile production – Part 2: Overview of target sequences for use in polymerase chain reaction (PCR)-based detection methods for cotton genetically modified (GM) events	59.080.01	2024-04
ISO 5363	Robotics – Test methods for exoskeleton-type walking RACA robot	11.180.10	2024-04
ISO 5401	Audit data collection – Customs and indirect tax extension	03.120.20	2024-04
ISO 5600	Rubber – Determination of adhesion to rigid materials using conical shaped parts	83.060	2024-04
ISO 5665	Consumer incident investigation – Requirements and guidance	03.080.30	2024-04
ISO 5771	Rubber hoses and hose assemblies for transferring anhydrous ammonia – Specification	71.120.99; 83.140.40	2024-04
ISO 5832-1	Implants for surgery – Metallic materials – Part 1: Wrought stainless steel	11.040.40	2024-04
ISO 5832-4	Implants for surgery – Metallic materials – Part 4: Cobalt-chromium-molybdenum casting alloy	11.040.40	2024-04
ISO 5832-7	Implants for surgery – Metallic materials – Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy	11.040.40	2024-04
ISO/IEC TR 5891	Information security, cybersecurity and privacy protection – Hardware monitoring technology for hardware security assessment	35.030	2024-04
ISO 6185-3	Inflatable boats – Part 3: Boats with a length of the hull less than 8 m with a motor power rating of 15 kW and greater	47.080	2024-04
ISO 6224	Thermoplastics hoses, textile-reinforced, for general-purpose water applications – Specification	23.040.70	2024-04
ISO 6435	Stainless steel bars for the reinforcement of concrete	77.140.15	2024-04
ISO 6472	Rubber compounding ingredients – Abbreviated terms	01.040.83; 83.040.20	2024-04
ISO 6893	Jewellery and precious metals – Inspection of batches of small diamonds – Terminology, classification and test methods	01.040.39; 39.060	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 6904	Traditional Chinese Medicine – General requirements for the ultrafine powder of herbs	11.120.10	2024-04
ISO 6916-2	Flexible cellular polymeric materials – Sponge and expanded cellular rubber products – Part 2: Specification for mouldings and extrusions	83.100	2024-04
ISO 7151	Surgical instruments – Non-cutting, articulated instruments – General requirements and test methods	11.040.30	2024-04
ISO 7392	Fine bubble technology – Evaluation method for determining surface tension of ultrafine bubble dispersions	7.030	2024-04
ISO 7429-1	Fine bubble technology – Industrial and consumer device applications – Part 1: Assessment of water pressure driven nozzles by evaluating size and concentration indices of generated fine bubbles	7.030	2024-04
ISO 7539-6 AMD 1	Corrosion of metals and alloys – Stress corrosion testing – Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement – Amendment 1	77.060	2024-04
ISO 7965-1	Packaging – Drop test – Part 1: Paper sacks	55.080	2024-04
ISO 8068	Lubricants, industrial oils and related products (class L) – Family T (Turbines) – Specifications for lubricating oils for turbines	75.100	2024-04
ISO/IEC TS 8200	Information technology – Artificial intelligence – Controllability of automated artificial intelligence systems	35.020	2024-04
ISO 8216-1	Products from petroleum, synthetic and renewable sources – Fuels (class F) classification – Part 1: Categories of marine fuels	75.160.20	2024-04
ISO/TR 8344	Information and documentation – Issues and considerations for managing records in structured data environments	01.140.20	2024-04
ISO 8454	Cigarettes – Determination of carbon monoxide in the vapour phase of cigarette smoke – NDIR method	65.160	2024-04
ISO/TR 8547	Corrosion of metals and alloys – Exposure test results in the Asian Monsoon region	77.060	2024-04
ISO 8637-2	Extracorporeal systems for blood purification – Part 2: Extracorporeal blood and fluid circuits for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators	11.040.40	2024-04
ISO 8804-1	Requirements for the training of scientific divers – Part 1: Scientific divers	03.100.30	2024-04
ISO 8804-2	Requirements for the training of scientific divers – Part 2: Advanced scientific divers	03.100.30	2024-04
ISO 8804-3	Requirements for the training of scientific divers – Part 3: Scientific diving project leader	03.100.30	2024-04
ISO 9042	Steels – Point counting method for statistically estimating the volume fraction of a constituent with a point grid	77.040.99	2024-04
ISO 9241-820	Ergonomics of human-system interaction – Part 820: Ergonomic guidance on interactions in immersive environments, including augmented reality and virtual reality	13.180; 35.240.99	2024-04
ISO 10297	Gas cylinders – Cylinder valves – Specification and type testing	23.020.35; 23.060.40	2024-04
ISO 10828	Worm gears – Worm profiles and gear mesh geometry	21.200	2024-04
ISO 11427	Jewellery and precious metals – Determination of silver – Potentiometry using potassium bromide	39.060	2024-04
ISO/DTR 11826	Ophthalmic optics – Spectacle lenses – Aspects of three-dimensional properties and reference markings	11.040.70	2024-04
ISO/TS 12869-2	Water quality – Detection and quantification of Legionella spp. and/or Legionella pneumophila by concentration and genic amplification by quantitative polymerase chain reaction (qPCR) – Part 2: On-site methods	07.100.20	2024-04
ISO 13317-1	Determination of particle size distribution by gravitational liquid sedimentation methods – Part 1: General principles, requirements and guidance	19.120	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 13473-4	Characterization of pavement texture by use of surface profiles – Part 4: One third octave band spectral analysis of surface profiles	17.140.30; 93.080.20	2024-04
ISO 13756	Jewellery and precious metals – Determination of silver – Potentiometry using sodium chloride or potassium chloride	39.060	2024-04
ISO 14456	Gas cylinders – Gas properties and associated classification (FTSC) codes	23.020.35	2024-04
ISO 15765-2	Road vehicles – Diagnostic communication over Controller Area Network (DoCAN) – Part 2: Transport protocol and network layer services	43.040.15; 43.180	2024-04
ISO/IEC 15944-17	Information technology – Business operational view – Part 17: Fundamental principles and rules governing Privacy-by-Design (PbD) requirements in an EDI and collaboration space context	35.240.63	2024-04
ISO 16795	Nuclear energy – Determination of Gd <sub>2</sub> O <sub>3</sub> content in pellets containing uranium oxide by X-ray fluorescence spectrometry	27.120.30	2024-04
ISO 16840-2 AMD 1	Wheelchair seating – Part 2: Determination of physical and mechanical characteristics of seat cushions intended to manage tissue integrity – Amendment 1: Updates and addition of new Annex covering alternatively sized cushions	11.180.10	2024-04
ISO 16840-10 AMD 1	Wheelchair seating – Part 10: Resistance to ignition of postural support devices – Requirements and test method – Amendment 1: Amended with additional Annexes and test method	11.180.10	2024-04
ISO/TS 16840-15	Wheelchair seating – Part 15: Selection, placement and fixation of flexible postural support devices in seating	11.180.10	2024-04
ISO 17246	Coal and coke – Proximate analysis	73.040	2024-04
ISO 17672	Brazing – Filler metals	25.160.50	2024-04
ISO 17717	Meteorological balloons – Specification	07.060; 83.140.99	2024-04
ISO/TR 17783	Intelligent transport systems – Mobility integration – Role and functional model for mobility services using low Earth orbit (LEO) satellite systems	03.220.01; 35.240.60	2024-04
ISO 17871 AMD 1	Gas cylinders – Quick-release cylinder valves – Specification and type testing – Amendment 1	23.020.35	2024-04
ISO 18209-1	Biotechnology – Biobanking of parasites – Part 1: Helminths	7.080	2024-04
ISO 18847	Solid biofuels – Determination of particle density of pellets and briquettes	27.190; 75.160.40	2024-04
ISO 19085-6	Woodworking machines – Safety – Part 6: Single spindle vertical moulding machines (toupie)	13.110; 79.120.10	2024-04
ISO 20121	Event sustainability management systems – Requirements with guidance for use	03.100.70; 13.020.20	2024-04
ISO 20122	Vegetable oils – Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with online-coupled high performance liquid chromatography-gas chromatography-flame ionization detection (HPLC-GC-FID) analysis – Method for low limit of quantification	67.200.10	2024-04
ISO 20433	Leather – Tests for colour fastness – Colour fastness to crocking	59.140.30	2024-04
ISO/DTR 21734-3	Intelligent transport systems – Performance testing for connectivity and safety functions of automated driving buses in public transport – Part 3: Service framework and use cases	03.220.20; 35.240.60	2024-04
ISO/IEC 22460-2	Cards and security devices for personal identification – ISO UAS license and drone/UAS security module – Part 2: Drone/UAS security module	35.240.15	2024-04
ISO 22705-3	Springs – Measurement and test parameters – Part 3: Cold formed cylindrical helical torsion springs	21.160	2024-04
ISO 23124	Surface chemical analysis – Measurement of lateral and axial resolutions of a Raman microscope	71.040.40	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 23137-1	Requirements for aerosol filters used in nuclear facilities against specified severe conditions – Part 1: General requirements	91.140.30	2024-04
ISO/TR 23267	Experiment results on test methods for detection and avoidance (DAA) systems for unmanned aircraft systems	49.020	2024-04
ISO 23402-3	Dentistry – Portable dental equipment for use in non-permanent healthcare environment – Part 3: Portable suction equipment	11.060.20	2024-04
ISO/TS 23406	Nuclear sector – Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS)	03.120.20; 27.120.01	2024-04
ISO/IEC 23415	Information technology – Data Format Description Language (DFDL) v1.0 Specification	35.060	2024-04
ISO 23500-3	Preparation and quality management of fluids for haemodialysis and related therapies – Part 3: Water for haemodialysis and related therapies	11.040.40	2024-04
ISO 23500-4	Preparation and quality management of fluids for haemodialysis and related therapies – Part 4: Concentrates for haemodialysis and related therapies	11.040.40	2024-04
ISO 23500-5	Preparation and quality management of fluids for haemodialysis and related therapies – Part 5: Quality of dialysis fluid for haemodialysis and related therapies	11.040.40	2024-04
ISO 23611-2	Soil quality – Sampling of soil invertebrates – Part 2: Sampling and extraction of micro-arthropods (Collembola and Acarina)	13.080.05; 13.080.30	2024-04
ISO/IEC TR 24030	Information technology – Artificial intelligence (AI) – Use cases	35.020	2024-04
ISO 24231	Protective clothing – Protection against rain – Test method for ready-made garments against high-energy droplets from above	13.340.10	2024-04
ISO 24476	Steel – Determination of oxygen – Infrared absorption method after fusion under inert gas (Routine method)	77.080.01	2024-04
ISO 24613-6	Language resource management – Lexical markup framework (LMF) – Part 6: Syntax and semantics	1.020	2024-04
ISO/IEC 24778	Information technology – Automatic identification and data capture techniques – Aztec Code bar code symbology specification	35.040.50	2024-04
ISO 24808	Recreational diving services – Requirements for rebreather instructor training	03.080.30; 03.100.30; 03.200.99	2024-04
ISO 30024	Animal feeding stuffs – Determination of phytase activity	65.120	2024-04
ISO/TS 32004	Document management – Portable Document Format – Integrity protection in encrypted documents in PDF 2.0	35.240.30; 37.100.99	2024-04
ISO/TS 32007	Document management – Portable Document Format – RichMedia annotations conforming to gITF assets	35.240.30; 37.100.99	2024-04
ISO/IEC 33071 Technical Corrigendum 1	Information technology – Process assessment – An integrated process capability assessment model for Enterprise processes – Technical Corrigendum 1; Technical Corrigendum	35.020	2024-04
ISO 37124	Sustainable cities and communities – Guidance on the use of ISO 37120, ISO 37122 and ISO 37123	13.020.20	2024-04
ISO/IEC 39075	Information technology – Database languages – GQL	35.060	2024-04
ISO/TR 41016	Facility management – Overview of available technologies	03.080.10	2024-04
ISO/DTR 41030	Facility management – Existing performance management in facility management organizations – State of the industry	03.080.10	2024-04
ISO/ASTM 52943-2	Additive manufacturing for aerospace – Process characteristics and performance – Part 2: Directed energy deposition using wire and arc	25.030	2024-04
ISO 56008	Innovation management – Tools and methods for innovation operation measurements – Guidance	03.100.01; 03.100.40	2024-04





## Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CISPR/TR 30-3	Test Method on Electromagnetic Emissions – Part 3: Electronic control gear for LED light sources – Linear built-in drivers	29.140.99; 33.100.10	2024-04
IEC/TR 63534	Integrating distributed PV into LVDC systems and use cases	27.160; 91.140.50	2024-04
IEC/TR 63575	Performance of power electronic reactive power shunt compensators in high voltage alternating current (HVAC) systems	29.200; 29.240.99	2024-04
IEC/TR 62351-90-4	Power systems management and associated information exchange – Data and communications security – Part 90-4: Migration of cryptographic algorithms	33.200; 35.030	2024-04
IEC/TR 63577	Design principles and validation methods for the maintenance of microbial control for non-disposable fluid paths of dialysis equipment	11.040.20	2024-04
IEC/TR 61200-203	Electrical installation guide – Part 203: Application guides complying with IEC 60364 – Uninterruptible Power Systems	29.200	2024-04
IEC 60364-8-81	Low-voltage electrical installations – Part 8-81: Functional aspects – Energy efficiency	13.020.01; 27.015; 91.140.50	2024-04
IEC/TR 61200-201	Application guides complying with IEC 60364 – Asynchronous motor starting and protection	29.160.30	2024-04
IEC/TR 63519	Aspects and understanding of measurement uncertainty – Background information on measurement uncertainty based on the example of IEC TC 85 (Measuring equipment for electrical and electromagnetic quantities)	17.220.20	2024-04
IEC/TR 60068-3-82	Supporting documentation and guidance – Confirmation of the performance of whisker test method	19.040	2024-04
IEC/TS 60601-4-6	Medical electrical equipment – Part 4-6: Guidance and interpretation – Voluntary guidance to help achieve basic safety and essential performance with regard to the possible effects of electromagnetic disturbances	11.040.01; 33.100.01; 33.100.20	2024-04
IEC 60721-3-9	Classification of environmental conditions – Part 3-9: Classification of groups of environmental parameters and their severities – Microclimates inside products	19.040	2024-04
IEC 60793-1-41	Optical fibres – Part 1-41: Measurement methods and test procedures – Bandwidth	33.180.10	2024-04
IEC 60793-1-45	Optical fibres – Part 1-45: Measurement methods and test procedures – Mode field diameter	33.180.10	2024-04
IEC 60794-1-212	Optical fibre cables – Part 1-212: Generic specification – Basic optical cable test procedures – Environmental test methods – Temperature cycling with cable elements fixed at both ends, Method F12	33.180.10	2024-04
IEC 60794-1-217	Optical fibre cables – Part 1-217: Generic specification – Basic optical cable test procedures – Environmental test methods – Cable shrinkage (fibre protrusion), Method F17	33.180.10	2024-04
IEC 60875-1	Fibre optic interconnecting devices and passive components – Non-wavelength-selective fibre optic branching devices – Part 1: Generic specification	33.180.20	2024-04
IEC 60913	Railway applications – Fixed installations – Electric traction overhead contact lines systems	29.280; 45.060.01	2024-04
IEC 60947-1 Corrigendum 2	Low-voltage switchgear and controlgear – Part 1: General rules; Corrigendum 2	29.130.20	2024-04
IEC 60947-5-7	Low-voltage switchgear and controlgear – Part 5-7: Control circuit devices and switching elements – Proximity devices with analogue output	29.130.20	2024-04
IEC 61000-5-6	Electromagnetic compatibility (EMC) – Part 5-6: Installation and mitigation guidelines – Mitigation of external EM influences	33.100.01	2024-04
IEC 61162-1	Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 1: Single talker and multiple listeners	47.020.70	2024-04
IEC 61162-2	Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 2: Single talker and multiple listeners, high-speed transmission	47.020.70	2024-04

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61162-450	Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 450: Multiple talkers and multiple listeners – Ethernet interconnection	47.020.70	2024-04
IEC 61162-460	Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 460: Multiple talkers and multiple listeners – Ethernet interconnection – Safety and security	47.020.70	2024-04
IEC 61189-2-805	Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 2-805: X/Y CTE test for thin base materials by TMA	31.180	2024-04
IEC 61189-2-808	Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-808: Thermal resistance of an assembly by thermal transient method	31.180	2024-04
IEC 61300-1 AMD 1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance; Amendment 1	33.180.20	2024-04
IEC 61300-1 Edition 5.1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance	33.180.20	2024-04
IEC 61558-2-12	Safety of transformers, reactors, power supply units and combination thereof – Part 2-12: Particular requirements and tests for constant voltage transformers and power supply units for constant voltage	29.180	2024-04
IEC 61643-332	Components for low-voltage surge protection – Part 332: Selection and application principles for metal oxide varistors (MOV)	29.120.50; 31.040.20	2024-04
IEC 61753-082-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 082-02: Pigtailed single-mode fibre optic 1,31/1,55 Åµm WWDM devices for category C – Indoor controlled environment	33.180.10; 33.180.20	2024-04
IEC 61755-3-1	Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 3-1: Connector parameters of dispersion unshifted single-mode physically contacting fibres – Non-angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules	33.180.20	2024-04
IEC 61755-3-2	Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 3-2: Connector parameters of dispersion unshifted single-mode physically contacting fibres – Angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules	33.180.20	2024-04
IEC 61757-7-3	Fibre optic sensors – Part 7-3: Voltage measurement – Polarimetric method	33.180.99	2024-04
IEC 61784-3 AMD 1	Industrial communication networks – Profiles – Part 3: Functional safety fieldbuses – General rules and profile definitions; Amendment 1	25.040.40; 35.100.05; 35.160; 35.240.50	2024-04
IEC 61784-3 Edition 4.1	Industrial communication networks – Profiles – Part 3: Functional safety fieldbuses – General rules and profile definitions	25.040.40; 35.100.05; 35.160; 35.240.50	2024-04
IEC 61784-5-6	Industrial networks – Profiles – Part 5-6: Installation of fieldbuses – Installation profiles for CPF 6	25.040.40; 35.100.20; 35.100.40; 35.160; 35.240.50	2024-04
IEC 61784-5-8	Industrial networks – Profiles – Part 5-8: Installation of fieldbuses – Installation profiles for CPF 8	25.040.40; 35.100.20; 35.100.40; 35.160; 35.240.50	2024-04
IEC 61784-5-19	Industrial networks – Profiles – Part 5-19: Installation of fieldbuses – Installation profiles for CPF 19	25.040.40; 35.100.40; 35.160; 35.240.50	2024-04
IEC 61820-1-2	Electrical installations for lighting and beaconing of aerodromes – Part 1-2: Fundamental principles – Particular requirements for series circuits	29.140.50; 91.140.50; 93.120	2024-04
IEC 61978-1	Fibre optic interconnecting devices and passive components – Fibre optic passive chromatic dispersion compensators – Part 1: Generic specification	33.180.01; 33.180.20	2024-04



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IEC 62057-3	Electrical energy meters – Test equipment, techniques and procedures – Part 3: Automatic meter testing system (AMTS)	17.220.20; 91.140.50	2024-04
IEC 62271-214	High-voltage switchgear and controlgear – Part 214: Internal arc classification for AC metal-enclosed pole-mounted switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	29.130.10	2024-04
IEC 62282-6-107	Fuel cell technologies – Part 6-107: Micro fuel cell power systems – Safety – Indirect water-reactive (Division 4.3) compounds	27.070	2024-04
IEC 62386-302 AMD 1	Digital addressable lighting interface – Part 302: Particular requirements – Input devices – Absolute input devices; Amendment 1	29.140.50; 29.140.99	2024-04
IEC 62386-302 Edition 1.1	Digital addressable lighting interface – Part 302: Particular requirements – Input devices – Absolute input devices	29.140.50; 29.140.99	2024-04
IEC 62386-303 AMD 1	Digital addressable lighting interface – Part 303: Particular requirements – Input devices – Occupancy sensor; Amendment 1	29.140.50; 29.140.99	2024-04
IEC 62386-303 Edition 1.1	Digital addressable lighting interface – Part 303: Particular requirements – Input devices – Occupancy sensor	29.140.50; 29.140.99	2024-04
IEC 62386-304 AMD 1	Digital addressable lighting interface – Part 304: Particular requirements – Input devices – Light sensor; Amendment 1	29.140.50; 29.140.99	2024-04
IEC 62386-304 Edition 1.1	Digital addressable lighting interface – Part 304: Particular requirements – Input devices – Light sensor	29.140.50; 29.140.99	2024-04
IEC 62477-1 Corrigendum 1	Safety requirements for power electronic converter systems and equipment – Part 1: General; Corrigendum 1	29.200; 31.080.99	2024-04
IEC 62501	Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing	17.220.20; 29.130.10; 29.200; 29.240.99	2024-04
IEC 62631-2-3	Dielectric and resistive properties of solid insulating materials – Part 2-3: Relative permittivity and dissipation factor – Contact electrode method for insulating films – AC methods	17.220.99; 29.035.01	2024-04
IEC 62841-2-7	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-7: Particular requirements for hand-held spray guns	25.140.20; 87.100	2024-04
IEC 62862-1-5	Solar thermal electric plants – Part 1-5: Performance test code for solar thermal electric plants	27.160	2024-04
IEC/TR 62933-4-200	Electrical Energy Storage (EES) Systems – Part 4-200: Guidance on environmental issues – Greenhouse gas (GHG) emission assessment by electrical energy storage (EES) systems	13.020.30; 27.010	2024-04
IEC 62973-3	Railway applications – Rolling stock – Batteries for auxiliary power supply systems – Part 3: Lead acid batteries	29.220.20; 45.040; 45.060.01	2024-04
IEC/TR 63127 AMD 1	Guideline for the system design of HVDC converter stations with line-commutated converters; Amendment 1	29.240.01; 29.240.10	2024-04
IEC/TR 63127 Edition 1.1	Guideline for the system design of HVDC converter stations with line-commutated converters	29.240.01; 29.240.10	2024-04
IEC 63171-1	Connectors for electrical and electronic equipment – Part 1: Detail specification for 2-way, shielded or unshielded, free and fixed connectors – Mechanical mating information, pin assignment and additional requirements for Type 1 (copper LC style)	31.220.10	2024-04
IEC SRD 63233-4	Smart city standards inventory and mapping – Part 4: Guidance on standards for public health emergencies	01.120; 03.100.70; 13.020.20; 35.240.99; 91.020	2024-04
IEC SRD 63273-2	Smart city use case collection and analysis – City information modelling – Part 2: Use case analysis	03.100.70; 13.020.20; 35.240.99	2024-04
IEC 63281-3-1	E-Transporters – Part 3-1: Performance test method for total run time of e-scooters with consideration to environmental conditions of actual use	43.120	2024-04
IEC SRD 63473	Active assisted living (AAL) use case standards inventory and mapping	11.020.10; 11.180.01; 97.120	2024-04
ISO/IEC TR 30195	Internet of Things (IoT) – IoT Applications for Long-distance Oil and Gas Pipeline	35.240.95; 75.200	2024-04
ISO/IEC TR 30189-1	Internet of Things (IoT) – IoT-based management of tangible cultural heritage assets – Part 1: Framework	35.240.95	2024-04

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ISO/IEC 5087-2	Information technology – City data model – Part 2: City level concepts	13.020.20; 35.240.99	2024-04
ISO/IEC 5207	Information technology – Data usage – Terminology and use cases	01.040.35; 35.020	2024-04
ISO/IEC 5212	Information technology – Data usage – Guidance for data usage	35.020	2024-04
ISO 5363	Robotics – Test methods for exoskeleton-type walking RACA robot	11.180.10	2024-04
ISO/IEC TR 5891	Information security, cybersecurity and privacy protection – Hardware monitoring technology for hardware security assessment	35.030	2024-04
ISO/IEC TS 8200	Information technology – Artificial intelligence – Controllability of automated artificial intelligence systems	35.020	2024-04
ISO/IEC 15944-17	Information technology – Business operational view – Part 17: Fundamental principles and rules governing Privacy-by-Design (PbD) requirements in an EDI and collaboration space context	35.240.63	2024-04
ISO/IEC 22460-2	Cards and security devices for personal identification – ISO UAS license and drone/UAS security module – Part 2: Drone/UAS security module	35.240.15	2024-04
ISO/IEC 23415	Information technology – Data Format Description Language (DFDL) v1.0 Specification	35.060	2024-04
ISO/IEC TR 24030	Information technology – Artificial intelligence (AI) – Use cases	35.020	2024-04
ISO/IEC 24778	Information technology – Automatic identification and data capture techniques – Aztec Code bar code symbology specification	35.040.50	2024-04
ISO/IEC 33071 Technical Corrigendum 1	Information technology – Process assessment – An integrated process capability assessment model for Enterprise processes – Technical Corrigendum 1; Technical Corrigendum	35.020	2024-04
ISO/IEC 39075	Information technology – Database languages – GQL	35.060	2024-04

