

Hrvatski zavod za norme

Oglasnik za normativne dokumente

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

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

HRN EN ISO 12625-7:2021 en pr
Tanki upijajući papir (tissue) i proizvodi od tankoga upijajućeg papira – 7. dio: Određivanje optičkih svojstava – Mjerenje svjetline i boje pri D65/10° (dnevnomu svjetlu) (ISO 12625-7:2021; EN ISO 12625-7:2021)
Tissue paper and tissue products – Part 7: Determination of optical properties – Measurement of brightness and colour with D65/10° (outdoor daylight) (ISO 12625-7:2021; EN ISO 12625-7:2021)

HZN/TO 8, *Brodogradnja*

HRN EN 17556:2021 en pr
Plovni objekti unutarnje plovidbe – Sigurnosni raspored dežurstava i sigurnosni planovi za putničke brodove (EN 17556:2021)
Inland navigation vessels – Safety rota and safety plans for passenger vessels (EN 17556:2021)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 14972-14:2021 en pr
Stabilni protupožarni sustavi – Sustavi vodene magle – 14. dio: Protokol ispitivanja za sustave otvorenih mlaznica u zatvorenim prostorijama većim od 260 m³ u kojima se nalaze plinske turbine (EN 14972-14:2021)
Fixed firefighting systems – Water mist systems – Part 14: Test protocol for combustion turbines in enclosures exceeding 260 m³ for open nozzle systems (EN 14972-14:2021)

HRN EN 14972-15:2021 en pr
Stabilni protupožarni sustavi – Sustavi vodene magle – 15. dio: Protokol ispitivanja za sustave otvorenih mlaznica u zatvorenim prostorijama manjim od 260 m³ u kojima se nalaze plinske turbine (EN 14972-15:2021)
Fixed firefighting systems – Water mist systems – Part 15: Test protocol for combustion turbines in enclosures not exceeding 260 m³ for open nozzle systems (EN 14972-15:2021)

HZN/TO 22, *Cestovna vozila*

HRN EN 17507:2021 en pr
Cestovna vozila – Prijenosni sustavi za mjerenje emisija – Ocjenjivanje radnih značajka (EN 17507:2021)
Road Vehicles – Portable Emission Measuring Systems (PEMS) – Performance assessment (EN 17507:2021)

HRN EN ISO 21058:2021 en pr
Cestovna vozila – Priključak za punjenje dimetil eterom (DME) (ISO 21058:2019; EN ISO 21058:2021)
Road vehicles – Dimethyl Ether (DME) refuelling connector (ISO 21058:2019; EN ISO 21058:2021)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 11132:2021 en pr
Senzorska analiza – Metodologija – Smjernice za mjerenje pouzdanosti kvantitativno-deskriptivnoga senzorskog panela (ISO 11132:2021; EN ISO 11132:2021)
Sensory analysis – Methodology – Guidelines for the measurement of the performance of a quantitative descriptive sensory panel (ISO 11132:2021; EN ISO 11132:2021)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 3834-1:2021 en pr
Zahtjevi za kvalitetu zavarivanja taljenjem metalnih materijala – 1. dio: Kriteriji za izbor odgovarajuće razine zahtjeva za kvalitetu (ISO 3834-1:2021; EN ISO 3834-1:2021)
Quality requirements for fusion welding of metallic materials – Part 1: Criteria for the selection of the appropriate level of quality requirements (ISO 3834-1:2021; EN ISO 3834-1:2021)

HRN EN ISO 13918:2018/A1:2021 en pr
Zavarivanje – Svornjaci i keramički prstenovi za elektrolučno zavarivanje svornjaka (ISO 13918:2017/Amd 1:2021; EN ISO 13918:2018/A1:2021)
Welding – Studs and ceramic ferrules for arc stud welding (ISO 13918:2017/Amd 1:2021; EN ISO 13918:2018/A1:2021)

HRN EN ISO 14922:2021 en pr
Toplinsko naštrecavanje – Zahtjevi kvalitete za proizvođača toplinsko naštrecanih prevliaka (ISO 14922:2021; EN ISO 14922:2021)
Thermal spraying – Quality requirements for manufacturers of thermal sprayed coatings (ISO 14922:2021; EN ISO 14922:2021)

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

HRN EN 17432:2021 en pr
Rashladne jedinice za rashladne komore (walk-in) – Klasifikacija, ispitivanje radnih značajka i potrošnje energije (EN 17432:2021)
Packaged refrigerating units for walk-in cold rooms – Classification, performance and energy consumption testing (EN 17432:2021)

HZN/TO 91, *Površinski aktivne tvari*

HRN EN 17035:2021 en pr
Površinski aktivne tvari – Površinski aktivne tvari na biološkoj osnovi – Zahtjevi i metode ispitivanja (EN 17035:2021)
Surface Active Agents – Bio-based surfactants – Requirements and test methods (EN 17035:2021)

HZN/TO 120, *Koža i obuća*

HRI CEN ISO/TR 16178:2021 en pr
Obuća – Štetne tvari potencijalno prisutne u obući i dijelovima obuće – Popis štetnih kemijskih tvari (ISO/TR 16178:2021; CEN ISO/TR 16178:2021)
Footwear – Critical substances potentially present in footwear and footwear components – Lists of critical chemical substances (ISO/TR 16178:2021; CEN ISO/TR 16178:2021)

HRN EN ISO 19957:2021 en pr
Obuća – Metode ispitivanja potpetica – Čvrstoća držanja potpetičnog vijka (ISO 19957:2021; EN ISO 19957:2021)
Footwear – Test methods for heels – Heel pin holding strength (ISO 19957:2021; EN ISO 19957:2021)

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 80601-2-90:2021 en pr
Medicinska električna oprema – Dio 2-90: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke opreme za terapiju ventilacijom visokog protoka (ISO 80601-2-90:2021; EN ISO 80601-2-90:2021)
Medical electrical equipment – Part 2-90: Particular requirements for basic safety and essential performance of ventilatory high-flow therapy equipment (ISO 80601-2-90:2021; EN ISO 80601-2-90:2021)

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

HRN ISO 8100-30:2021 en pr
Dizala za transport osoba i tereta – 30. dio: Ugradnja dizala I., II., III. i VI. klase (ISO 8100-30:2019)
Lifts for the transport of persons and goods – Part 30: Class I, II, III and VI lifts installation (ISO 8100-30:2019)

HRN ISO 8100-32:2021 en pr
Dizala za transport osoba i tereta – 32. dio: Planiranje i odabir osobnih dizala za ugradnju u uredima, hotelima i stambenim zgradama (ISO 8100-32:2020)
Lifts for the transportation of persons and goods – Part 32: Planning and selection of passenger lifts to be installed in office, hotel and residential buildings (ISO 8100-32:2020)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22476-4:2021 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 4. dio: Presiometarsko ispitivanje u bušotini Ménardovim postupkom (ISO 22476-4:2021; EN ISO 22476-4:2021)
Geotechnical investigation and testing – Field testing – Part 4: Prebored pressuremeter test by Ménard procedure (ISO 22476-4:2021; EN ISO 22476-4:2021)

HZN/TO 228, Usluge u turizmu

HRN ISO 21102:2021 en pr
Pustolovni turizam – Voditelji – Kompetencije osoblja (ISO 21102:2020)
Adventure tourism – Leaders – Personnel competence (ISO 21102:2020)

HRN ISO 21902:2021 en pr
Turističke i srodne usluge – Turizam pristupačan svima – Zahtjevi i preporuke (ISO 21902:2021)
Tourism and related services – Accessible tourism for all – Requirements and recommendations (ISO 21902:2021)

HRN ISO 22876:2021 en pr
Turističke i srodne usluge – Najam plovila bez posade – Dodatne usluge najma i sadržaji (ISO 22876:2021)
Tourism and related services – Bareboat charter – Supplementary charter services and experiences (ISO 22876:2021)

HRN ISO 25639-1:2021 en,fr pr
Izložbe, sajmovi, velesajmovi i skupovi – 1. dio: Rječnik (ISO 25639-1:2008)
Exhibitions, shows, fairs and conventions – Part 1: Vocabulary (ISO 25639-1:2008)

HRN ISO 25639-2:2021 en pr
Izložbe, sajmovi, velesajmovi i skupovi – 2. dio: Postupci mjerenja u statističke svrhe (ISO 25639-2:2008)
Exhibitions, shows, fairs and conventions – Part 2: Measurement procedures for statistical purposes (ISO 25639-2:2008)

HZN/TO 301, Upravljanje energijom i ušteda energije

HRN EN 17463:2021 en pr
Metodologija vrednovanja ulaganja povezanih s energijom (EN 17463:2021)
Methodology for the Valuation of Energy Related Investments (ValERI) (EN 17463:2021)

HZN/TO 503, Metalni materijali

HRN EN 603-3:2021 en pr
Aluminij i aluminijeve legure – Istisnuti ili valjani materijal namijenjen kovanju – 3. dio: Dopusštena odstupanja dimenzija i oblika (EN 603-3:2021)
Aluminium and aluminium alloys – Wrought forging stock – Part 3: Tolerances on dimensions and form (EN 603-3:2021)

HRN EN 10132:2021 en pr
Hladno valjana uska čelična traka za toplinsku obradu – Tehnički uvjeti isporuke (EN 10132:2021)
Cold rolled narrow steel strip for heat treatment – Technical delivery conditions (EN 10132:2021)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 6370-1:2021 en pr
Staklasti i porculanski emajli – Određivanje otpornosti na abraziju – 1. dio: Uređaji za ispitivanje abrazije (ISO 6370-1:1991; EN ISO 6370-1:2021)
Vitreous and porcelain enamels – Determination of the resistance to abrasion – Part 1: Abrasion testing apparatus (ISO 6370-1:1991; EN ISO 6370-1:2021)

HRN EN ISO 6370-2:2021 en pr
Staklasti i porculanski emajli – Određivanje otpornosti na abraziju – 2. dio: Gubitak mase nakon podpovršinske abrazije (ISO 6370-2:2020; EN ISO 6370-2:2021)
Vitreous and porcelain enamels – Determination of the resistance to abrasion – Part 2: Loss in mass after sub-surface abrasion (ISO 6370-2:2020; EN ISO 6370-2:2021)

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

HRN EN ISO 18797-2:2021 en pr
Industrija nafte, petrokemije i prirodnog plina – Vanjska zaštita od korozije stajki premazima i oblogama – 2. dio: Premazi za održavanje i popravke dovodnih cijevi na terenu (ISO 18797-2:2021; EN ISO 18797-2:2021)
Petroleum, petrochemical and natural gas industries – External corrosion protection of risers by coatings and linings – Part 2: Maintenance and field repair coatings for riser pipes (ISO 18797-2:2021; EN ISO 18797-2:2021)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 12405-1:2021 en pr
Plinomjeri – Uređaji za korekciju – 1. dio: Korekcija obujma (EN 12405-1:2021)
Gas meters – Conversion devices – Part 1: Volume conversion (EN 12405-1:2021)

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN/TS 13149-9:2021 en pr
Javni prijevoz – Sustavi za planiranje i kontrolu rasporeda vožnje cestovnih vozila – 9. dio: Vremenska usluga (CEN/TS 13149-9:2020)
Public transport – Road vehicle scheduling and control systems – Part 9: Time service (CEN/TS 13149-9:2020)

HRS CEN/TS 13149-10:2021 en pr
Javni prijevoz – Sustavi za planiranje i kontrolu rasporeda vožnje cestovnih vozila – 10. dio: Lokacijska usluga (CEN/TS 13149-10:2020)
Public transport – Road vehicle scheduling and control systems – Part 10: Location service (CEN/TS 13149-10:2020)

HRS CEN/TS 13149-11:2021 en pr
Javni prijevoz – Sustavi za planiranje i kontrolu rasporeda vožnje cestovnih vozila – 11. dio: Usluga sučelja platforme vozila (CEN/TS 13149-11:2020)
Public transport – Road vehicle scheduling and control systems – Part 11: Vehicle platform interface service (CEN/TS 13149-11:2020)

HRS CEN/TS 16157-8:2021 en pr
Inteligentni transportni sustavi – DATEX II specifikacija za razmjenu podataka za upravljanje prometom i informiranje – 8. dio: Objave i dodaci za upravljanje prometom namijenjeni urbanom okruženju (CEN/TS 16157-8:2020)
Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 8: Traffic management publications and extensions dedicated to the urban environment (CEN/TS 16157-8:2020)

HRS CEN/TS 16157-9:2021 en pr
Inteligentni transportni sustavi – DATEX II specifikacija za razmjenu podataka za upravljanje prometom i informiranje – 9. dio: Publikacije za upravljanje prometnom signalizacijom namijenjene urbanom okruženju (CEN/TS 16157-9:2020)
Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 9: Traffic signal management publications dedicated to the urban environment (CEN/TS 16157-9:2020)

HRS CEN/TS 16614-4:2021 en pr
Javni prijevoz – Razmjena podataka o mreži i redovima vožnje (NeTex) – 4. dio: Europski profil informacija za putnike (CEN/TS 16614-4:2020)
Public transport – Network and Timetable Exchange (NeTex) – Part 4: Passenger Information European Profile (CEN/TS 16614-4:2020)

HRS CEN/TS 17118:2021 en pr
Inteligentni transportni sustavi – Javni prijevoz – Otvoreno aplikacijsko sučelje (API) za raspodijeljene sustave planiranja putovanja (CEN/TS 17118:2017)
Intelligent transport systems – Public transport – Open API for distributed journey planning (CEN/TS 17118:2017)

HRI CEN/TR 17143:2021 en pr
Inteligentni transportni sustavi – Norme i djelovanja neophodna za omogućavanje koordinacije gradske infrastrukture za podršku gradskom ITS-u (CEN/TR 17143:2017)
Intelligent transport systems – Standards and actions necessary to enable urban infrastructure coordination to support Urban-ITS (CEN/TR 17143:2017)

- HRS CEN/TS 17148:2021 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Obrazac sporazuma hitnoga elektroničkog poziva iz vozila između vanjskih pružatelja usluga i javnih tijela odgovornih za hitne službe (CEN/TS 17148:2018)
Intelligent Transport Systems – eSafety – ProForma eCall Agreement between TPSP and PARES (CEN/TS 17148:2018)
- HRS CEN/TS 17154-1:2021 en pr
Elektronička naplata – Vrednovanje primjene za utvrđivanje sukladnosti s tehničkom specifikacijom CEN/TS 16986 – 1. dio: Struktura ispitnog paketa i svrhe ispitivanja (CEN/TS 17154-1:2019)
Electronic fee collection – Evaluation of implementation for conformity to CEN/TS 16986 – Part 1: Test suite structure and purposes (CEN/TS 17154-1:2019)
- HRS CEN/TS 17154-2:2021 en pr
Elektronička naplata – Vrednovanje primjene za utvrđivanje sukladnosti s tehničkom specifikacijom CEN/TS 16986 – 2. dio: Sažetak ispitnog paketa (CEN/TS 17154-2:2019)
Electronic fee collection – Evaluation of implementation for conformity to CEN/TS 16986 – Part 2: Abstract test suite (CEN/TS 17154-2:2019)
- HRS CEN/TS 17234:2021 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Elektronički hitni pozivi iz vozila: Ispitivanja koja PSAP-ovima omogućuju prikaz sukladnosti i svojstva (CEN/TS 17234:2018)
Intelligent transport systems – eSafety – eCall: Tests to enable PSAPs to demonstrate conformance and performance (CEN/TS 17234:2018)
- HRS CEN/TS 17240:2021 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Ispitivanje sukladnosti s kraja na kraj elektroničkih hitnih poziva iz vozila za IMS sustave s prespajanjem paketa (CEN/TS 17240:2018)
Intelligent transport systems – eSafety – eCall end to end conformance testing for IMS packet switched based systems (CEN/TS 17240:2018)
- HRS CEN/TS 17268:2021 en pr
Inteligentni transportni sustavi – ITS prostorni podaci – Razmjena podataka o promjenama cestovnih atributa (CEN/TS 17268:2018)
Intelligent transport systems – ITS spatial data – Data exchange on changes in road attributes (CEN/TS 17268:2018)
- HRI CEN/TR 17311:2021 en pr
Javni prijevoz – Interoperabilan sustav upravljanja naplatom – Primjeri i upute za naplatu upotrebom niskoenergetskog Bluetootha (CEN/TR 17311:2019)
Public transport – Interoperable fare management system – Bluetooth low energy ticketing use cases and guidelines (CEN/TR 17311:2019)
- HRS CEN/TS 17312:2021 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Elektronički hitni poziv iz vozila putem satelita (CEN/TS 17312:2019)
Intelligent transport systems – eSafety – eCall via satellite (CEN/TS 17312:2019)
- HRS CEN/TS 17313:2021 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Interoperabilnost i izbor korisnika u uslugama postprodaje hitnog elektroničkog poziva iz vozila i vanjskih usluga hitnog elektroničkog poziva iz vozila (CEN/TS 17313:2019)
Intelligent transport systems – eSafety – Interoperability and user choice in eCall aftermarket and third party eCall services (CEN/TS 17313:2019)
- HRS CEN/TS 17363:2021 en pr
Inteligentni transportni sustavi – Neobavezni dodatni podaci hitnog elektroničkog poziva iz vozila – Koncept povezanih podataka uz broj mobilnog telefona (CEN/TS 17363:2019)
Intelligent transport systems – eCall optional additional data – Linked mobile phone number data concept (CEN/TS 17363:2019)
- HRI CEN/TR 17370:2021 en pr
Javni prijevoz – Izmjena radnih podataka i statistike (CEN/TR 17370:2019)
Public transport – Operating raw data and statistics exchange (CEN/TR 17370:2019)
- HRS CEN/TS 17380:2021 en pr
Inteligentni transportni sustavi – Gradski ITS – Upravljanje zonom nadziranja uporabom regulacija za pristup vozila (UVAR) pomoću koordinacije različitih ITS usluga (CEN/TS 17380:2019)
Intelligent transport systems – Urban-ITS – ‘Controlled Zone’ management for UVARs using C-ITS (CEN/TS 17380:2019)
- HRS CEN/TS 17395:2021 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Elektronički hitni poziv iz vozila za automatizirana i autonomna vozila (CEN/TS 17395:2019)
Intelligent transport systems – eSafety – eCall for automated and autonomous vehicles (CEN/TS 17395:2019)
- HRS CEN/TS 17466:2021 en pr
Inteligentni transportni sustavi – Gradski ITS – Komunikacijska sučelja i profili za upravljanje prometom (CEN/TS 17466:2020)
Intelligent transport systems – Urban ITS – Communication interfaces and profiles for traffic management (CEN/TS 17466:2020)
- HRI CEN/TR 17546:2021 en pr
Elektronička naplata – EETS analiza praznina (gap analysis) i predloženi plan normizacije (CEN/TR 17546:2020)
Electronic fee collection – EETS gap analysis and proposed standards roadmap (CEN/TR 17546:2020)
- HRS CEN/TS 17642:2021 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Sučelje elektroničkog hitnog poziva iz vozila za PSAP-ove za pristup bazama podataka o teretu i opasnim tvarima (CEN/TS 17642:2021)
Intelligent Transport Systems – eSafety – eCall Interface for PSAPs to access cargo and dangerous goods databases (CEN/TS 17642:2021)
- HRS CEN ISO/TS 19091:2021 en pr
Inteligentni transportni sustavi – Kooperativni ITS – Upotreba komunikacija V2I i I2V za tehnologije koje se odnose na raskrižja sa signalizacijom (ISO/TS 19091:2019; CEN ISO/TS 19091:2019)
Intelligent transport systems – Cooperative ITS – Using V2I and I2V communications for applications related to signalized intersections (ISO/TS 19091:2019; CEN ISO/TS 19091:2019)
- HRS CEN ISO/TS 19468:2021 en pr
Inteligentni transportni sustavi – Podatkovno sučelje između centara za prijenos informacija i upravljačkog sustava – Specifikacije modela neovisne o platformi za protokole razmjene podataka u sustavima prometnog informiranja i nadzora (ISO/TS 19468:2019; CEN ISO/TS 19468:2019)
Intelligent transport systems – Data interfaces between centres for transport information and control systems – Platform independent model specifications for data exchange protocols for transport information and control systems (ISO/TS 19468:2019; CEN ISO/TS 19468:2019)
- HRS CEN ISO/TS 21177:2021 en pr
Inteligentni transportni sustavi – Sigurnosne usluge ITS stanice za sigurno uspostavljanje sesije i provjeru autentičnosti između pouzdanih uređaja (ISO/TS 21177:2019; CEN ISO/TS 21177:2019)
Intelligent transport systems – ITS station security services for secure session establishment and authentication between trusted devices (ISO/TS 21177:2019; CEN ISO/TS 21177:2019)
- HRI CEN ISO/TR 21186-1:2021 en pr
Kooperativni inteligentni transportni sustavi (C-ITS) – Smjernice za upotrebu norma – 1. dio: Stanje normizacije i postupci objave (ISO/TR 21186-1:2021; CEN ISO/TR 21186-1:2021)
Cooperative intelligent transport systems (C-ITS) – Guidelines on the usage of standards – Part 1: Standardization landscape and releases (ISO/TR 21186-1:2021; CEN ISO/TR 21186-1:2021)
- HRI CEN ISO/TR 21186-2:2021 en pr
Kooperativni inteligentni transportni sustavi (C-ITS) – Smjernice za upotrebu norma – 2. dio: Hibridna komunikacija (ISO/TR 21186-2:2021; CEN ISO/TR 21186-2:2021)
Cooperative intelligent transport systems (C-ITS) – Guidelines on the usage of standards – Part 2: Hybrid communications (ISO/TR 21186-2:2021; CEN ISO/TR 21186-2:2021)

HRI CEN ISO/TR 21186-3:2021 en pr
Kooperativni inteligentni transportni sustavi (C-ITS)
– Smjernice za upotrebu norma – 3. dio: Sigurnost
(ISO/TR 21186-3:2021; CEN ISO/TR 21186-3:2021)
Cooperative intelligent transport systems (C-ITS)
– Guidelines on the usage of standards – Part 3: Security
(ISO/TR 21186-3:2021; CEN ISO/TR 21186-3:2021)

HRS CEN ISO/TS 21189:2021 en pr
Inteligentni transportni sustavi – Kooperativni ITS – Zahtjevi
za ispitivanje i obrazac Izjave o sukladnosti za primjenu
protokola (PICS) za tehničku specifikaciju CEN ISO/TS 17426
(ISO/TS 21189:2019; CEN ISO/TS 21189:2019)
Intelligent transport systems – Cooperative ITS – Test
requirements and Protocol Implementation Conformance
Statement (PICS) pro forma for CEN ISO/TS 17426
(ISO/TS 21189:2019; CEN ISO/TS 21189:2019)

HRS CEN ISO/TS 21719-1:2021 en pr
Elektronička naplata – Personalizacija opreme u vozilu (OBE)
– 1. dio: Okvir (ISO/TS 21719-1:2018; CEN ISO/TS 21719-1:2018)
Electronic fee collection – Personalization of on-board
equipment (OBE) – Part 1: Framework (ISO/TS 21719-1:2018;
CEN ISO/TS 21719-1:2018)

HRS CEN ISO/TS 21719-2:2021 en pr
Elektronička naplata – Personalizacija opreme u vozilu (OBE)
– 2. dio: Upotreba namjenske komunikacije kratkog dosega
(ISO/TS 21719-2:2018; CEN ISO/TS 21719-2:2018)
Electronic fee collection – Personalization of on-board
equipment (OBE) – Part 2: Using dedicated short-range communication
(ISO/TS 21719-2:2018; CEN ISO/TS 21719-2:2018)

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

HRN EN 16002:2019/Ispr.1:2021 en pr
Savijljive hidroizolacijske trake – Određivanje otpornosti
na podizanje vjetrom mehanički pričvršćenih savitljivih
hidroizolacijskih traka za krovove (EN 16002:2018/AC:2021)
Flexible sheets for waterproofing – Determination of the
resistance to wind load of mechanically fastened flexible
sheets for roof waterproofing (EN 16002:2018/AC:2021)

HZN/TO 528, Oprema za željeznice

HRN EN ISO 3381:2021 en pr
Željeznički sustav – Akustika – Mjerenje buke u željezničkim
vozilima (ISO 3381:2021; EN ISO 3381:2021)
Railway applications – Acoustics – Noise measurement inside
railbound vehicles (ISO 3381:2021; EN ISO 3381:2021)

HRN EN 15302:2021 en pr
Željeznički sustav – Parametri geometrije kontakta između
kotača i tračnice – Definicije i metode za vrednovanje
(EN 15302:2021)
Railway Applications – Wheel-rail contact geometry parameters
– Definitions and methods for evaluation (EN 15302:2021)

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

HRN EN 620:2021 en pr
Prenosila i sustavi neprekidne dobave – Sigurnost i EMS
zahtjevi na nepokretne trakaste konvejeve za sipki materijal
(EN 620:2021)
Continuous handling equipment and systems – Safety
requirements for fixed belt conveyors for bulk materials
(EN 620:2021)

HZN/TO 531, Plastika i guma

HRN EN 17410:2021 en pr
Plastika – Kontrolirano kružno recikliranje PVC-U profila od
prozora i vrata (EN 17410:2021)
Plastics – Controlled loop recycling of PVC-U profiles from
windows and doors (EN 17410:2021)

HZN/TO 534, Spremnici za teret

HRN EN 13012:2021 en pr
Benzinske stanice za punjenje – Konstrukcija i izvedba
automatskih sapnica za upotrebu na uređajima za istakanje
goriva (EN 13012:2021)
Petrol filling stations – Construction and performance
of automatic nozzles for use on fuel dispensers
(EN 13012:2021)

HRN EN 13121-1:2021 en pr
Spremnici i posude od plastike ojačane staklom (GRP) za
nadzemnu upotrebu – 1. dio: Sirovi materijali – Specifikacija
uvjeta prihvaćanja (EN 13121-1:2021)
GRP tanks and vessels for use above ground – Part 1: Raw
materials – Specification conditions and acceptance criteria
(EN 13121-1:2021)

HRN EN 13617-1:2021 en pr
Benzinske stanice za punjenje – 1. dio: Sigurnosni zahtjevi
za konstrukciju i izvedbu mjernih pumpi, mjernih uređaja
za istakanje goriva i daljinski upravljanih pumpnih jedinica
(EN 13617-1:2021)
Petrol filling stations – Part 1: Safety requirements for
construction and performance of metering pumps, dispensers
and remote pumping units (EN 13617-1:2021)

HRN EN 13617-2:2021 en pr
Benzinske stanice za punjenje – 2. dio: Sigurnosni zahtjevi za
konstrukciju i izvedbu sigurnosne opreme protiv proljevanja
za upotrebu na mjernim pumpama i mjernim uređajima za
istakanje (EN 13617-2:2021)
Petrol filling stations – Part 2: Safety requirements for
construction and performance of safe breaks for use on
metering pumps and dispensers (EN 13617-2:2021)

HRN EN 13617-3:2021 en pr
Benzinske stanice za punjenje – 3. dio: Sigurnosni zahtjevi za
konstrukciju i izvedbu razdjelnih ventila (EN 13617-3:2021)
Petrol filling stations – Part 3: Safety requirements
for construction and performance of shear valves
(EN 13617-3:2021)

HRN EN 13617-4:2021 en pr
Benzinske stanice za punjenje – 4. dio: Sigurnosni zahtjevi
za konstrukciju i izvedbu zakretnih zglobova za upotrebu
na mjernim pumpama i mjernim uređajima za istakanje
(EN 13617-4:2021)
Petrol filling stations – Part 4: Safety requirements for
construction and performance of swivels for use on metering
pumps and dispensers (EN 13617-4:2021)

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

HRN EN ISO 10360-10:2021 en pr
Geometrijske specifikacije proizvoda (GSP) – Testovi za
prihvatljivost i naknadnu provjeru trokoordinatnih mjernih
uređaja (CMS) – 10. dio: Laserski tragači (ISO 10360-
10:2021; EN ISO 10360-10:2021)
Geometrical product specifications (GPS) – Acceptance
and reverification tests for coordinate measuring systems
(CMS) – Part 10: Laser trackers (ISO 10360-10:2021;
EN ISO 10360-10:2021)

HRN EN ISO 10360-13:2021 en pr
Geometrijske specifikacije proizvoda (GSP) – Testovi
za prihvatljivost i naknadnu provjeru trokoordinatnih
mjernih uređaja (TMU) – 13. dio: Optički TMU-ovi
(ISO 10360-13:2021; EN ISO 10360-13:2021)
Geometrical product specifications (GPS) – Acceptance
and reverification tests for coordinate measuring systems
(CMS) – Part 13: Optical 3D CMS (ISO 10360-13:2021;
EN ISO 10360-13:2021)

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

HRN EN ISO 11855-2:2021 en pr
Projektiranje unutrašnjosti zgrada – Ugradbeni sustavi
grijanja i hlađenja zračenjem – 2. dio: Određivanje projektnog
toplinskog i rashladnog učinka (ISO 11855-2:2021;
EN ISO 11855-2:2021)
Building environment design – Embedded radiant heating
and cooling systems – Part 2: Determination of the
design heating and cooling capacity (ISO 11855-2:2021;
EN ISO 11855-2:2021)

HRN EN ISO 29461-1:2021 en pr
Filtarski sustavi na usisu zraka za rotacijske strojeve
– Metode ispitivanja – 1. dio: Nepokretni filtarski elementi
(ISO 29461-1:2021; EN ISO 29461-1:2021)
Air intake filter systems for rotary machinery – Test
methods – Part 1: Static filter elements (ISO 29461-1:2021;
EN ISO 29461-1:2021)

HZN/TO 555, Medicinski proizvodi

HRN EN 285:2021 en pr
Sterilizatori – Sterilizatori na paru – Veliki sterilizatori
(EN 285:2015+A1:2021)
Sterilization – Steam sterilizers – Large sterilizers
(EN 285:2015+A1:2021)

HRN EN ISO 10993-9:2021 en pr
Biološka procjena medicinskih proizvoda – 9. dio: Okvir za identifikaciju i količinsko određivanje moguće istrošenosti proizvoda (ISO 10993-9:2019; EN ISO 10993-9:2021)
Biological evaluation of medical devices – Part 9: Framework for identification and quantification of potential degradation products (ISO 10993-9:2019; EN ISO 10993-9:2021)

HRN EN ISO 15223-1:2021 en pr
Medicinski proizvodi – Simboli koji se upotrebljavaju s podacima koje osigurava proizvođač – 1. dio: Opći zahtjevi (ISO 15223-1:2021; EN ISO 15223-1:2021)
Medical devices – Symbols to be used with information to be supplied by the manufacturer – Part 1: General requirements (ISO 15223-1:2021; EN ISO 15223-1:2021)

HZN/TO 556, Osobna zaštitna oprema

HRN EN ISO 16321-2:2021 en pr
Štitnici za oči i lice za profesionalnu upotrebu – 2. dio: Dodatni zahtjevi za štitnike koji se upotrebljavaju pri zavarivanju i srodnim postupcima (ISO 16321-2:2021; EN ISO 16321-2:2021)
Eye and face protection for occupational use – Part 2: Additional requirements for protectors used during welding and related techniques (ISO 16321-2:2021; EN ISO 16321-2:2021)

HRN EN ISO 18527-2:2021 en pr
Štitnici za oči i lice za sportsku upotrebu – 2. dio: Zahtjevi za štitnike za oči za squash i štitnike za oči za racquetball i squash 57 (ISO 18527-2:2021; EN ISO 18527-2:2021)
Eye and face protectors for sports use – Part 2: Requirements for eye protectors for squash and eye protectors for racquetball and squash 57 (ISO 18527-2:2021; EN ISO 18527-2:2021)

HZN/TO 557, Zaštitna odjeća

HRN EN ISO 13688:2013/A1:2021 en pr
Zaštitna odjeća – Opći zahtjevi (ISO 13688:2013/Amd 1:2021; EN ISO 13688:2013/A1:2021)
Protective clothing – General requirements
(ISO 13688:2013/Amd 1:2021; EN ISO 13688:2013/A1:2021)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1973:2021 en pr
Tekstilna vlakna – Određivanje duljinske mase – Gravimetrijska metoda i titrajna metoda (ISO 1973:2021; EN ISO 1973:2021)
Textile fibres – Determination of linear density – Gravimetric method and vibroscope method (ISO 1973:2021; EN ISO 1973:2021)

HRN EN ISO 6450:2021 en pr
Plošni tekstil naslojen gumom ili plastikom – Određivanje otpornosti na tekućine (ISO 6450:2021; EN ISO 6450:2021)
Rubber- or plastics-coated fabrics – Determination of resistance to liquids (ISO 6450:2021; EN ISO 6450:2021)

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

HRN EN 13480-2:2017/A8:2021 en pr
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2017/A8:2021)
Metallic industrial piping – Part 2: Materials
(EN 13480-2:2017/A8:2021)

HRN EN 13480-3:2017/A4:2021 en pr
Metalni industrijski cjevovodi – 3. dio: Projektiranje i proračun (EN 13480-3:2017/A4:2021)
Metallic industrial piping – Part 3: Design and calculation
(EN 13480-3:2017/A4:2021)

HZN/TO 562, Alatni strojevi i alati

HRN EN 12301:2021/Ispr.1:2021 en pr
Strojevi za gumu i plastiku – Strojevi za izradu folija – Sigurnosni zahtjevi (EN 12301:2019/AC:2021)
Plastics and rubber machines – Calenders – Safety requirements (EN 12301:2019/AC:2021)

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

HRN EN 913:2021 en pr
Gimnastička oprema – Opći sigurnosni zahtjevi i metode ispitivanja (EN 913:2018+A1:2021)
Gymnastic equipment – General safety requirements and test methods (EN 913:2018+A1:2021)

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

HRN EN ISO 56005:2021 en pr
Upravljanje inovacijama – Alati i metode za upravljanje intelektualnim vlasništvom – Smjernice (ISO 56005:2020; EN ISO 56005:2021)
Innovation management – Tools and methods for intellectual property management – Guidance (ISO 56005:2020; EN ISO 56005:2021)

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

HRN EN ISO 11916-3:2021 en pr
Kvaliteta tla – Određivanje odabranih eksploziva i srodnih spojeva – 3. dio: Metoda u kojoj se primjenjuje tekućinska kromatografija-tandemska spektrometrija masa (LC-MS/MS) (ISO 11916-3:2021; EN ISO 11916-3:2021)
Soil quality – Determination of selected explosives and related compounds – Part 3: Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS) (ISO 11916-3:2021; EN ISO 11916-3:2021)

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50546:2020/Ispr.1:2021 en pr
Željeznički sustav – Željeznička vozila – Trofazni vanjski sustav napajanja za željeznička vozila i njegovi priključci (EN 50546:2020/AC:2021)
Railway applications – Rolling Stock – Three-phase shore (external) supply system for rail vehicles and its connectors (EN 50546:2020/AC:2021)

HZN/TO E11, Nadzemni vodovi

HRN EN IEC 60652:2021 en pr
Konstrukcije nadzemnih vodova – Ispitivanja opterećenjem (IEC 60652:2021; EN IEC 60652:2021)
Overhead line structures – Loading tests (IEC 60652:2021; EN IEC 60652:2021)

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

HRN EN IEC 60674-3-1:2021 en pr
Plastične folije za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 1. list: Dvoosno orijentirana polipropilenska folija za kondenzatore (IEC 60674-3-1:2021; EN IEC 60674-3-1:2021)
Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 1: Biaxially oriented polypropylene (PP) film for capacitors (IEC 60674-3-1:2021; EN IEC 60674-3-1:2021)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 62271-101:2021 en pr
Visokonaponska sklopna aparatura – 101. dio: Sintetska ispitivanja (IEC 62271-101:2021; EN IEC 62271-101:2021)
High-voltage switchgear and controlgear – Part 101: Synthetic testing (IEC 62271-101:2021; EN IEC 62271-101:2021)

HZN/TO E22, Energetska elektronika

HRN EN 60700-2:2016/A1:2021 en pr
Tiristorski ventili za prijenos energije istosmjernom strujom visokog napona (HVDC) – 2. dio: Terminologija (IEC 60700-2:2016/am1:2021; EN 60700-2:2016/A1:2021)
Thyristor valves for high voltage direct current (HVDC) power transmission – Part 2: Terminology (IEC 60700-2:2016/am1:2021; EN 60700-2:2016/A1:2021)

HZN/TO E23, Električni instalacijski pribor

HRN EN 50520:2020/A1:2021 en pr
Pokrovne ploče i pokrovne trake za zaštitu i upozoravanje na položaj ukopanih kabela ili ukopanih cijevi u podzemnim instalacijama (EN 50520:2020/A1:2021)
Cover plates and cover tapes for the protection and location warning of buried cables or buried conduits in underground installations (EN 50520:2020/A1:2021)

HRN EN 61534-21:2014/A11:2021 en pr
Energetski tračnički sustavi – 21. dio: Posebni zahtjevi za energetske tračničke sustave namijenjene ugradnji na zid i strop (EN 61534-21:2014/A11:2021)
Powertrack systems – Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting (EN 61534-21:2014/A11:2021)

HRN EN 61534-21:2014/A1:2021 en pr
Energetski tračnički sustavi – 21. dio: Posebni zahtjevi za energetske tračničke sustave namijenjene ugradnji na zid i strop (IEC 61534-21:2014/am1:2021; EN 61534-21:2014/A1:2021)
Powertrack systems – Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting (IEC 61534-21:2014/am1:2021; EN 61534-21:2014/A1:2021)

HRN EN 61534-22:2014/A11:2021 en pr
Energetski tračnički sustavi – 22. dio: Posebni zahtjevi za energetske tračničke sustave namijenjene ugradnji na pod ili ispod poda (EN 61534-22:2014/A11:2021)
Powertrack systems – Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation (EN 61534-22:2014/A11:2021)

HRN EN 61534-22:2014/A1:2021 en pr
Energetski tračnički sustavi – 22. dio: Posebni zahtjevi za energetske tračničke sustave namijenjene ugradnji na pod ili ispod poda (IEC 61534-22:2014/am1:2021; EN 61534-22:2014/A1:2021)
Powertrack systems – Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation (IEC 61534-22:2014/am1:2021; EN 61534-22:2014/A1:2021)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 60238:2018/A2:2021 en pr
Grla za žarulje s Edisonovim navojem (IEC 60238:2016/am2:2020; EN IEC 60238:2018/A2:2021)
Edison screw lampholders (IEC 60238:2016/am2:2020; EN IEC 60238:2018/A2:2021)

HZN/TO E45, Nuklearna instrumentacija

HRN EN IEC 60987:2021 en pr
Nuklearne elektrane – Instrumentacija i upravljanje važni za sigurnost – Hardverski zahtjevi (IEC 60987:2021; EN IEC 60987:2021)
Nuclear power plants – Instrumentation and control important to safety – Hardware requirements (IEC 60987:2021; EN IEC 60987:2021)

HZN/TO E55, Žice za namote

HRN EN IEC 60317-84:2021 en pr
Specifikacije pojedinih vrsta žica za namote – 84. dio: Okrugla bakrena žica lakirana poliestermidom, razreda 200 (IEC 60317-84:2021; EN IEC 60317-84:2021)
Specifications for particular types of winding wires – Part 84: Polyesterimide enamelled round copper wire, class 200 (IEC 60317-84:2021; EN IEC 60317-84:2021)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-2-110:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-110: Posebni zahtjevi za ugostiteljske mikrovalne pećnice s umetkom ili kontaktnim aplikatorom (IEC 60335-2-110:2013; EN IEC 60335-2-110:2021)
Household and similar appliances – Safety – Part 2-110: Particular requirements for commercial microwave appliances with insertion or contacting applicators (IEC 60335-2-110:2013; EN IEC 60335-2-110:2021)

HRN EN 60335-2-15:2016/A1:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-15: Posebni zahtjevi za aparate za grijanje tekućina (IEC 60335-2-15:2012/am1:2016; EN 60335-2-15:2016/A1:2021)
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (IEC 60335-2-15:2012/am1:2016; EN 60335-2-15:2016/A1:2021)

HRN EN 60335-2-15:2016/A12:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-15: Posebni zahtjevi za aparate za grijanje tekućina (EN 60335-2-15:2016/A12:2021)
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (EN 60335-2-15:2016/A12:2021)

HRN EN 60335-2-15:2016/A2:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-15: Posebni zahtjevi za aparate za grijanje tekućina (IEC 60335-2-15:2012/am2:2018; EN 60335-2-15:2016/A2:2021)
Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids (IEC 60335-2-15:2012/am2:2018; EN 60335-2-15:2016/A2:2021)

HRN EN 60335-2-35:2016/A2:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-35: Posebni zahtjevi za protočne grijače vode (IEC 60335-2-35:2012/am2:2020; EN 60335-2-35:2016/A2:2021)
Household and similar electrical appliances – Safety – Part 2-35: Particular requirements for instantaneous water heaters (IEC 60335-2-35:2012/am2:2020; EN 60335-2-35:2016/A2:2021)

HRN EN 60335-2-61:2008/A12:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-61: Posebni zahtjevi za termoakumulacijske peći (EN 60335-2-61:2003/A12:2021)
Household and similar electrical appliances – Safety – Part 2-61: Particular requirements for thermal-storage room heaters (EN 60335-2-61:2003/A12:2021)

HRN EN IEC 60335-2-90:2021 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-90: Posebni zahtjevi za ugostiteljske mikrovalne pećnice (IEC 60335-2-90:2015; EN IEC 60335-2-90:2021)
Household and similar appliances – Safety – Part 2-90: Particular requirements for commercial microwave ovens (IEC 60335-2-90:2015; EN IEC 60335-2-90:2021)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN IEC 80601-2-77:2021 en pr
Medicinska električna oprema – Dio 2-77: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke kirurških uređaja potpomognutih robotima (IEC 80601-2-77:2019; EN IEC 80601-2-77:2021)
Medical Electrical Equipment – Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment (IEC 80601-2-77:2019; EN IEC 80601-2-77:2021)

HZN/TO E79, Alarmni sustavi

HRN EN IEC 60839-11-33:2021 en pr
Alarmni i elektronički sigurnosni sustavi – Dio 11-33: Elektronički sustavi kontrole ulaska – Konfiguracija kontrole ulaska bazirane na web servisima (IEC 60839-11-33:2021; EN IEC 60839-11-33:2021)
Alarm and electronic security systems – Part 11-33: Electronic access control systems – Access control configuration based on Web services (IEC 60839-11-33:2021; EN IEC 60839-11-33:2021)

HZN/TO E95, Mjerni releji i zaštitna oprema

HRN EN IEC 60255-187-1:2021 en pr
Mjerni releji i zaštitna oprema – Dio 187-1: Funkcionalni zahtjevi za diferencijalnu zaštitu – Ograničena i neograničena diferencijalna zaštita motora, generatora i transformatora (IEC 60255-187-1:2021; EN IEC 60255-187-1:2021)
Measuring relays and protection equipment – Part 187-1: Functional requirements for differential protection – Restrained and unrestrained differential protection of motors, generators and transformers (IEC 60255-187-1:2021; EN IEC 60255-187-1:2021)

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

HRN EN IEC 63087-1:2021 en pr
Uređaji i sustavi koji olakšavaju slušanje za potpomognuti aktivni život – 1. dio: Općenito (IEC 63087-1:2021; EN IEC 63087-1:2021)
Assistive listening devices and systems for active assisted living – Part 1: General (IEC 63087-1:2021; EN IEC 63087-1:2021)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 019-2-5 V3.1.1:2021 en pr
Upravljanje okolišem (EE) – Uvjeti okoliša i ispitivanja okoliša za telekomunikacijsku opremu – 2. dio: Specifikacija ispitivanja utjecaja na okoliš – 5. poddio: Instalacije zemaljskih vozila (EN 300 019-2-5 V3.1.1:2021)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2: Specification of environmental tests – Sub-part 5: Ground vehicle installations (EN 300 019-2-5 V3.1.1:2021)

HRN EN 301 908-1 V15.1.1:2021 en pr
IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 1. dio: Uvod i opći zahtjevi Izdanje 15 (EN 301 908-1 V15.1.1:2021)
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 1: Introduction and common requirements Release 15 (EN 301 908-1 V15.1.1:2021)

HRN EN 301 908-14 V15.1.1:2021 en pr
IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 14. dio: Bazne postaje (BS) za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA) Izdanje 15 (EN 301 908-14 V15.1.1:2021)
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS) Release 15 (EN 301 908-14 V15.1.1:2021)

HRN EN 301 908-18 V15.1.1:2021 en pr
IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 18. dio: E-UTRA, UTRA i GSM/EDGE bazna postaja (BS) multistandardnog radija (MSR) Izdanje 15 (EN 301 908-18 V15.1.1:2021)
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS) Release 15 (EN 301 908-18 V15.1.1:2021)

HRN EN 302 480 V2.2.1:2021 en pr
Sustavi pokretnih komunikacija u zrakoplovu (MCOBA) – Harmonizirana norma za pristup radijskom spektru (EN 302 480 V2.2.1:2021)
Mobile Communication On Board Aircraft (MCOBA) systems – Harmonised Standard for access to radio spectrum (EN 302 480 V2.2.1:2021)

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRN EN ISO/IEC 17030:2021 en pr
Ocjenjivanje sukladnosti – Opći zahtjevi za oznake sukladnosti treće strane (ISO/IEC 17030:2021; EN ISO/IEC 17030:2021)
Conformity assessment – General requirements for third-party marks of conformity (ISO/IEC 17030:2021; EN ISO/IEC 17030:2021)

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

HRN EN 13329:2021 en pr
Laminatne podne obloge – Elementi s površinskim slojem na bazi aminoplastičnih termostabilnih smola – Specifikacije, zahtjevi i metode ispitivanja (EN 13329:2016+A2:2021)
Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods (EN 13329:2016+A2:2021)

HRN EN 14978:2021 en pr
Laminatne podne obloge – Elementi s površinskim slojem na bazi akrila otvrdnuti elektronskim snopom – Specifikacije, zahtjevi i metode ispitivanja (EN 14978:2016+A1:2021)
Laminate floor coverings – Elements with acrylic based surface layer, electron beam cured – Specifications, requirements and test methods (EN 14978:2016+A1:2021)

HRN EN 15468:2021 en pr
Laminatne podne obloge – Elementi s gotovim otisnutim uzorkom i površinskim slojem od smole – Specifikacije, zahtjevi i metode ispitivanja (EN 15468:2016+A1:2021)
Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods (EN 15468:2016+A1:2021)

HRN EN 17531:2021 en pr
Izvjешavanje za potrebe nadzora nad on-line uslugama igara na sreću koji provode tijela država članica za nadzor nad igrama na sreću (EN 17531:2021)
Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States (EN 17531:2021)

HRN EN 50710:2021 en pr
Zahtjevi za pružanje osiguranih daljinskih usluga za sustave zaštite od požara i sigurnosne sustave (EN 50710:2021)
Requirements for the provision of secure remote services for fire safety systems and security systems (EN 50710:2021)

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

HRN EN 16980-1:2021 en pr
Fotokatalizatori – Metode ispitivanja kontinuiranog protoka – 1. dio: Određivanje degradacije dušikovog monoksida (NO) u zraku fotokatalitičkim materijalima (EN 16980-1:2021)
Photocatalysis – Continuous flow test methods – Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials (EN 16980-1:2021)

HRN EN 16981:2021 en pr
Fotokatalizatori – Rječnik naziva (EN 16981:2021)
Photocatalysis – Glossary of terms (EN 16981:2021)

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

HRN EN ISO 6877:2021 en pr
Stomatologija – Materijali za punjenje korijenskih kanala (ISO 6877:2021; EN ISO 6877:2021)
Dentistry – Endodontic obturating materials (ISO 6877:2021; EN ISO 6877:2021)

HRN EN ISO 21563:2021 en pr
Stomatologija – Hidrokoloidni materijali za otiske (ISO 21563:2021; EN ISO 21563:2021)
Dentistry – Hydrocolloid impression materials (ISO 21563:2021; EN ISO 21563:2021)

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

HRN EN 17406:2021 en pr
Klasifikacija bicikala prema namjeni (EN 17406:2020+A1:2021)
Classification for bicycles usage (EN 17406:2020+A1:2021)

HRN EN ISO 18063-2:2021 en pr
Vozila za teške terene – Metode ispitivanja vidljivosti i njihova verifikacija – 2. dio: Vozila za teške terene s okretnom nadogradnjom i promjenjivim dohvatom (ISO 18063-2:2021; EN ISO 18063-2:2021)
Rough-terrain trucks – Visibility test methods and their verification – Part 2: Slewing rough-terrain variable-reach trucks (ISO 18063-2:2021; EN ISO 18063-2:2021)

HZN/TU U1, Opća elektrotehnika 1

HRN EN IEC 60695-2-13:2021 en pr
Ispitivanje na opasnost od požara – Dio 2-13: Metode ispitivanja na bazi užarene/vruće žice – Metoda ispitivanja temperature zapaljenja materijala užarenom žicom (GWIT) (IEC 60695-2-13:2021; EN IEC 60695-2-13:2021)
Fire hazard testing – Part 2-13: Glowing/hot-wire based test methods – Glow-wire ignition temperature (GWIT) test method for materials (IEC 60695-2-13:2021; EN IEC 60695-2-13:2021)

HRN EN IEC 60695-6-1:2021 en pr
Ispitivanje opasnosti od požara – Dio 6-1: Dimno zamračenje – Opće upute (IEC 60695-6-1:2021; EN IEC 60695-6-1:2021)
Fire hazard testing – Part 6-1: Smoke obscuration – General guidance (IEC 60695-6-1:2021; EN IEC 60695-6-1:2021)

HRN EN IEC 60695-9-2:2021 en pr
Ispitivanje opasnosti od požara – Dio 9-2: Površinsko širenje plamena – Sažetak i relevantnost metoda ispitivanja (IEC 60695-9-2:2021; EN IEC 60695-9-2:2021)
Fire hazard testing – Part 9-2: Surface spread of flame – Summary and relevance of test methods (IEC 60695-9-2:2021; EN IEC 60695-9-2:2021)

HRN EN IEC 61788-23:2021 en pr
Supravodljivost – 23. dio: Mjerenje omjera preostalog otpora – Omjer preostalog otpora Nb supravodiča sa šupljinama (IEC 61788-23:2021; EN IEC 61788-23:2021)
Superconductivity – Part 23: Residual resistance ratio measurement – Residual resistance ratio of cavity-grade niobium superconductors (IEC 61788-23:2021; EN IEC 61788-23:2021)

HZN/TU V1, *Elektronika 1*

HRI CLC/TR 50510:2021 en pr
Svjetlovodni pristup krajnjem korisniku – Smjernice za izgradnju FTTX svjetlovodne mreže (CLC/TR 50510:2021)
Fibre optic access to end-user – A guideline to building of FTTX fibre optic network (CLC/TR 50510:2021)

HRN EN IEC 60794-1-401:2021 en pr
Svjetlovodni kabeli – Dio 1-401: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode električnih ispitivanja – Ispitivanje kratkog spoja (za OPGW, OPPC i OPAC), metoda H1 (IEC 60794-1-401:2021; EN IEC 60794-1-401:2021)
Optical fibre cables – Part 1-401: Generic specification – Basic optical cable test procedures – Electrical test methods – Short-circuit test (for OPGW, OPPC and OPAC), Method H1 (IEC 60794-1-401:2021; EN IEC 60794-1-401:2021)

HRN EN IEC 60794-1-402:2021 en pr
Svjetlovodni kabeli – Dio 1-402: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode električnih ispitivanja – Ispitivanje utjecaja udara groma (za OPGW, OPPC i OPAC), metoda H2 (IEC 60794-1-402:2021; EN IEC 60794-1-402:2021)
Optical fibre cables – Part 1-402: Generic specification – Basic optical cable test procedures – Electrical test methods – Lightning test (for OPGW, OPPC and OPAC), Method H2 (IEC 60794-1-402:2021; EN IEC 60794-1-402:2021)

HRN EN IEC 61757-2-1:2021 en pr
Svjetlovodni senzori – Dio 2-1: Mjerenje temperature – Senzori temperature na temelju Braggove rešetke u optičkom vlaknu (IEC 61757-2-1:2021; EN IEC 61757-2-1:2021)
Fibre Optic Sensors – Part 2-1: Temperature measurement – Temperature sensors based on fibre Bragg gratings (IEC 61757-2-1:2021; EN IEC 61757-2-1:2021)

HRN EN IEC 62153-4-15:2021 en pr
Metode ispitivanja metalnih kabela i drugih pasivnih komponenti – Dio 4-15: Elektromagnetska kompatibilnost (EMC) – Metoda ispitivanja za mjerenje prijenosne impedancije i slabljenja zaštite – ili slabljenja spojnice s troosnom ćelijom (IEC 62153-4-15:2021; EN IEC 62153-4-15:2021)
Metallic cables and other passive components test methods – Part 4-15: Electromagnetic compatibility (EMC) – Test method for measuring transfer impedance and screening attenuation – or coupling attenuation with triaxial cell (IEC 62153-4-15:2021; EN IEC 62153-4-15:2021)

HRN EN IEC 62153-4-16:2021 en pr
Metode ispitivanja metalnih kabela i drugih pasivnih komponenti – Dio 4-16: Elektromagnetska kompatibilnost (EMC) – Proširenje frekvencijskog područja na više frekvencije za prijenosnu impedanciju i na niže frekvencije za mjerenje slabljenja zaštite troosnim postupkom (IEC 62153-4-16:2021; EN IEC 62153-4-16:2021)
Metallic cables and other passive components test methods – Part 4-16: Electromagnetic compatibility (EMC) – Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up (IEC 62153-4-16:2021; EN IEC 62153-4-16:2021)

HRN EN IEC 62153-4-5:2021 en pr
Metode ispitivanja metalnih komunikacijskih kabela – Dio 4-5: Elektromagnetska kompatibilnost (EMC) – Slabljenje zaštite ili spojnice – Metoda upijajuće stezaljke (IEC 62153-4-5:2021; EN IEC 62153-4-5:2021)
Metallic communication cable test methods – Part 4-5: Electromagnetic compatibility (EMC) – Screening or coupling attenuation – Absorbing clamp method (IEC 62153-4-5:2021; EN IEC 62153-4-5:2021)

HRN EN IEC 62435-9:2021 en pr
Elektroničke komponente – Dugoročno skladištenje elektroničkih poluvodičkih uređaja – 9. dio: Posebni slučajevi (IEC 62435-9:2021; EN IEC 62435-9:2021)
Electronic components – Long-term storage of electronic semiconductor devices – Part 9: Special Cases (IEC 62435-9:2021; EN IEC 62435-9:2021)

HRN EN IEC 63287-1:2021 en pr
Poluvodičke komponente – Opće smjernice za kvalifikaciju poluvodiča – 1. dio: Smjernice za kvalifikaciju pouzdanosti LSI-ja (IEC 63287-1:2021; EN IEC 63287-1:2021)
Semiconductor devices – Generic semiconductor qualification guidelines – Part 1: Guidelines for LSI reliability qualification (IEC 63287-1:2021; EN IEC 63287-1:2021)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 50632-2-14:2016/A1:2021 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-14: Posebni zahtjevi za blanjalice (EN 50632-2-14:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 2-14: Particular requirements for planers (EN 50632-2-14:2016/A1:2021)

HRN EN 50632-2-17:2016/A1:2021 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-17: Posebni zahtjevi za glodalice i trimere (EN 50632-2-17:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 2-17: Particular requirements for routers and trimmers (EN 50632-2-17:2016/A1:2021)

HRN EN 50632-2-19:2016/A1:2021 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-19: Posebni zahtjevi za ravnalice (EN 50632-2-19:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 2-19: Particular requirements for jointers (EN 50632-2-19:2016/A1:2021)

HRN EN 50632-2-5:2016/A1:2021 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-5: Posebni zahtjevi za kružne pile (EN 50632-2-5:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 2-5: Particular requirements for circular saws (EN 50632-2-5:2016/A1:2021)

HRN EN 50632-3-1:2016/A1:2021 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 3-1: Posebni zahtjevi za prijenosne stolne pile (EN 50632-3-1:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 3-1: Particular requirements for transportable table saws (EN 50632-3-1:2016/A1:2021)

HRN EN 50632-3-9:2016/A1:2021 en pr
Elektromotorni alati – Postupak za mjerenje prašine – Dio 3-9: Posebni zahtjevi za prijenosne kutne pile (EN 50632-3-9:2016/A1:2021)
Electric motor-operated tools – Dust measurement procedure – Part 3-9: Particular requirements for transportable mitre saws (EN 50632-3-9:2016/A1:2021)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

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

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

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

prEN ISO 5263-3 en

Pulps – Laboratory wet disintegration – Part 3: Disintegration of mechanical pulps at > 85 °C (ISO/DIS 5263-3:2021)
Pulpe – Laboratorijsko mokro razvlaknjivanje – 3. dio: Razvlaknjivanje mehaničkih pulpi na > 85 °C (ISO/DIS 5263-3:2021)

prEN ISO 5270 en

Pulps – Laboratory sheets – Determination of physical properties (ISO/DIS 5270:2021)
Pulpe – Laboratorijski listovi – Određivanje fizikalnih svojstava (ISO/DIS 5270:2021)

HZN/TO 22, *Cestovna vozila*

prEN ISO 15118-4 en

Road vehicles – Vehicle to grid communication interface – Part 4: Network and application protocol conformance test (ISO/DIS 15118-4:2021)
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 4. dio: Provjera usklađenosti mreže i protokola primjene (ISO/DIS 15118-4:2021)

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

EN ISO 28139:2021/prA1 en

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

HZN/TO 34/PO 17, *Poljoprivredni i prehrambeni proizvodi; Sustavi upravljanja za sigurnost hrane*

prEN 17735 en

Commercial dishwashing machines – Hygiene requirement and testing

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 15614-4 en

Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 4: Finishing welding of aluminium castings (ISO/DIS 15614-4:2021)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 4. dio: Završno zavarivanje aluminijevih odlijevaka (ISO/DIS 15614-4:2021)

prEN ISO 15614-6 en

Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 6: Arc and gas welding of copper and its alloys (ISO/DIS 15614-6:2021)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 6. dio: Elektrolučno i plinsko zavarivanje bakra i legura bakra (ISO/DIS 15614-6:2021)

HZN/TO 91, *Površinski aktivne tvari*

ISO 685:2020 en

Analysis of soaps – Determination of total alkali content and total fatty matter content
Ispitivanje sapuna – Određivanje sadržaja ukupnih alkalija i sadržaja ukupnih masnih tvari

ISO 4323:2018 en

Soaps – Determination of chloride content – Potentiometric method
Sapuni – Određivanje sadržaja klorida – Potenciometrijska metoda

HZN/TO 120, *Koža i obuća*

prEN ISO 14268 en

Leather – Physical and mechanical tests – Determination of water vapour permeability (ISO/DIS 14268:2021)
Koža – Fizikalna i mehanička ispitivanja – Određivanje propusnosti vodene pare (ISO/DIS 14268:2021)

prEN ISO 17072-2 en

Leather – Chemical determination of metal content – Part 2: Total metal content (ISO/DIS 17072-2:2021)
Koža – Kemijsko određivanje sadržaja metala – 2. dio: Ukupan sadržaj metala (ISO/DIS 17072-2:2021)

prEN ISO 18218-1 en

Leather – Determination of ethoxylated alkylphenols – Part 1: Direct method (ISO/DIS 18218-1:2021)
Koža – Određivanje etoksiliranih alkilfenola – 1. dio: Izravna metoda (ISO/DIS 18218-1:2021)

prEN ISO 23702-1 en

Leather – Per- and polyfluoroalkyl substances – Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography (ISO/DIS 23702-1:2021)

HZN/TO 134, *Gnojiva i poboljšivači tla*

FprCEN/TS 17728 en

Organic soil improvers – Determination of specific parameters

FprCEN/TS 17729 en

Soil improvers – Determination of specific parameters

FprCEN/TS 17730 en

Compost and digestate properties when used in fertilising products

FprCEN/TS 17731 en

Growing media – Determination of specific parameters

FprCEN/TS 17732 en

Soil improvers and growing media – Terminology

FprCEN/TS 17733 en

Soil improvers and growing media – Sampling and sample preparation

HZN/TO 136, *Namještaj*

EN 1335-1:2020/prA1 en

Office furniture – Office work chair – Part 1: Dimensions – Determination of dimensions
Uredski namještaj – Uredske radne stolice – 1. dio: Dimenzije – Određivanje dimenzija

prEN 15372 en

Furniture – Strength, durability and safety – Requirements for non-domestic tables
Namještaj – Čvrstoća, trajnost i sigurnost – Zahtjevi za stolove koji nisu za kućnu uporabu

prEN 17737 en

Hardware for furniture – Test and evaluation methods for the corrosion resistance of furniture fittings

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

prEN 81-43 en

Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 43: Lifts for cranes
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna dizala za transport osoba i tereta – 43. dio: Dizala za granike

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

EN 1888-2:2018/prA1 en

Child care articles – Wheeled child conveyances – Part 2: Pushchairs for children above 15 kg up to 22 kg
Proizvodi za dojenčad i malu djecu – Dječja kolica – 2. dio: Sklopiva kolica za djecu između 15 i 22 kg težine

HZN/TO 182, Geotehničke konstrukcije

EN ISO 17892-12:2018/prA2 en
Geotechnical investigation and testing – Laboratory testing of soil – Part 12: Determination of liquid and plastic limits (ISO 17892-12:2018/DAmD 2:2021)
Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 12. dio: Određivanje granice tečenja i granice plastičnosti (ISO 17892-12:2018/DAmD 2:2021)

HZN/TO 207, Upravljanje okolišem

prEN ISO 14015 en
Environmental management – Guidelines for Environmental Due Diligence Assessment (ISO/DIS 14015:2021)
Upravljanje okolišem – Smjernice za dubinsku analizu (due diligence) utjecaja organizacije na okoliš (ISO/DIS 14015:2021)

HZN/TO 215, Zdravstvena informatika

prEN ISO/IEEE 11073-40101 en
Health informatics – Device interoperability – Part 40101: Foundational – Cybersecurity – Processes for vulnerability assessment (ISO/IEEE FDIS 11073-40101:2021)

prEN ISO/IEEE 11073-40102 en
Health informatics – Device interoperability – Part 40102: Foundational – Cybersecurity – Capabilities for mitigation (ISO/IEEE FDIS 11073-40102:2021)

HZN/TO 218, Drvo

prEN 113-3 en
Durability of wood and wood-based products Test method against wood destroying basidiomycetes – Part 3: assessment of durability of wood-based panels

HZN/TO 221, Geosintetici

prEN 16416 en
Geosynthetic clay barriers – Determination of water flux index – Flexible wall permeameter method at constant head
Glinene geosintetičke barijere – Određivanje indeksa protoka vode – Metoda mjerenja propusnosti u uređaju s elastičnim stijkama pri konstantnom potencijalu

prEN 17738 en
Geotextiles and Geotextile related products – Damage during installation procedure – Full scale test
Geotekstil i proizvodi srodnici s geotekstilom – Oštećenja tijekom postupka ugradnje – Ispitivanje u uvjetima primjene

HZN/TO 238, Čvrsta biogoriva

prEN ISO 18122 en
Solid biofuels – Determination of ash content (ISO/DIS 18122:2021)
Čvrsta biogoriva – Određivanje udjela pepela (ISO/DIS 18122:2021)

HZN/TO 502, Plinski uređaji

prEN 30-1-2 en
Domestic cooking appliances burning gas – Safety – Part 1-2: Appliances having forced-convection ovens
Kućanski plinski uređaji za kuhanje – Sigurnost – Dio 1-2: Uređaji s prisilnom cirkulacijom zraka u pećnicama

EN 13611:2019/prA1 en
Safety and control devices for burners and appliances burning gaseous and/or liquid fuels – General requirements
Sigurnosni i regulirajući uređaji za plamenike i uređaje na plinska i/ili tekuća goriva – Opći zahtjevi

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 1461 en
Hot dip galvanized coatings on fabricated iron and steel articles – Specifications and test methods (ISO/DIS 1461:2021)
Vruće pocinčane prevlake na željeznim i čeličnim predmetima – Specifikacije i ispitne metode (ISO/DIS 1461:2021)

HZN/TO 508, Ambalaža i pakiranje

prEN 13045 en
Packaging – Flexible cylindrical plastic tubes – Dimensions and tolerances
Ambalaža – Savitljive valjkaste plastične tube – Dimenzije i dopuštena odstupanja

prEN ISO 15750-3 en
Packaging – Steel drums – Part 3: Inserted flange-type closure systems (ISO/DIS 15750-3:2021)
Ambalaža – Čelične bačve – 3. dio: Sustavi za zatvaranje čeličnih bačava s uprešanom prirubnicom (ISO/DIS 15750-3:2021)

HZN/TO 513, Mjerne jedinice i mjerila

prEN 17694-2 en
Hydrometry – Performance requirements and test procedures for water monitoring equipment – Devices for the determination of flow Part 2: Closed conduit instrumentation

HZN/TO 521, Usluge održavanja

prEN ISO 41018 en
Facility management – Development of a facility management policy (ISO/DIS 41018:2021)

HZN/TO 531, Plastika i guma

prEN ISO 11403-2 en
Plastics – Acquisition and presentation of comparable multipoint data – Part 2: Thermal and processing properties (ISO/DIS 11403-2:2021)
Plastika – Prikupljanje i prikaz usporedivih podataka dobivenih iz više mjerenja u širem ispitnom području – 2. dio: Toplinska i preradbeno svojstva (ISO/DIS 11403-2:2021)

HZN/TO 532, Dimnjaci

prEN 15287-1 en
Chimneys – Design, installation and commissioning – Part 1: Chimneys and connecting flue pipes for non-room sealed combustion appliances
Dimnjaci – Projektiranje, ugradnja i preuzimanje – 1. dio: Dimnjaci i priključne dimovodne cijevi za uređaje za loženje s otvorenom komorom za izgaranje

prEN 15287-2 en
Chimneys – Design, installation and commissioning – Part 2: Chimneys and connecting flue pipes for room sealed combustion appliances
Dimnjaci – Projektiranje, ugradnja i preuzimanje – 2. dio: Dimnjaci i priključne dimovodne cijevi za uređaje za loženje sa zatvorenom komorom za izgaranje

HZN/TO 534, Spremnici za teret

prEN ISO 21012 en
Cryogenic vessels – Hoses (ISO/DIS 21012:2021)
Kriogenične posude – Crijeva (ISO/DIS 21012:2021)

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

prEN 14024 en
Metal profiles with thermal barrier – Mechanical performance – Requirements, proof and tests for assessment
Metalni profili s prekinutim toplinskim mostom – Mehanička svojstva – Zahtjevi, dokazivanja i ispitivanja za procjenu

HZN/TO 551, Gradnja

prEN 15978-1 en
Sustainability of construction works – Methodology for the assessment of performance of buildings – Part 1: Environmental Performance
Održivost građevina – Metodologija ocjenjivanja svojstava zgrada – 1. dio: Svojstva s obzirom na zaštitu okoliša

HZN/TO 556, Osobna zaštitna oprema

prEN 353-2 en
Personal fall protection equipment – Part 2: Guided type fall arresters including a flexible anchor line
Osobna zaštitna oprema protiv pada s visine – 2. dio: Naprave za zaustavljanje pada s vodilicom uključujući prilagodljivu sidrenu liniju

prEN 813 en
Personal fall protection equipment – Sit harnesses
Osobna zaštitna oprema za sprečavanje pada s visine – Pojasovi za sjedenje

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN 15714-3 en

Industrial valves – Actuators – Part 3: Pneumatic part-turn actuators for industrial valves – Basic requirements
Industrijski zaporni uređaji – Pokretači – 3. dio: Preumatski zakretni pokretači za industrijske zaporne uređaje – Osnovni zahtjevi

prEN 15714-6 en

Industrial valves – Actuators – Part 6: Hydraulic linear actuators for industrial valves – Basic requirements
Industrijski zaporni uređaji – Pokretači – 6. dio: Hidraulički linearni pokretači za industrijske zaporne uređaje – Osnovni zahtjevi

HZN/TO 560, Tekstilni proizvodi

prEN 1875-3 en

Rubber-or plastics-coated fabrics – Determination of tear strength – Part 3: Trapezoidal method
Gumirani ili plastificirani plošni tekstil – Određivanje čvrstoće na daljnje trganje – 3. dio: Trapezoidna metoda

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

prEN 13322-1 en

Transportable gas cylinders – Refillable welded steel gas cylinders – Design and construction – Part 1: Carbon steel
Prenosive plinske boce – Ponovno punjive zavarene čelične plinske boce – Projektiranje i konstruiranje – 1. dio: Ugljični čelik

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

prEN ISO 15213-1 en

Microbiology of the food chain – Horizontal method for the detection and enumeration of Clostridium spp. – Part 1: Enumeration of sulfite-reducing Clostridium spp. by colony-count technique (ISO/DIS 15213-1:2021)

prEN ISO 20976-2 en

Microbiology of the food chain – Requirements and guidelines for conducting challenge tests of food and feed products – Part 2: Challenge tests to study inactivation potential and kinetic parameters (ISO/DIS 20976-2:2021)

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

prEN ISO 25649-1 en

Floating leisure articles for use on and in the water – Part 1: Classification, materials, general requirements and test methods (ISO/DIS 25649-1:2021)
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 1. dio: Klasifikacija, materijali, osnovni zahtjevi i metode ispitivanja (ISO/DIS 25649-1:2021)

prEN ISO 25649-2 en

Floating leisure articles for use on and in the water – Part 2: Consumer information (ISO/DIS 25649-2:2021)
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 2. dio: Obavijesti za potrošače (ISO/DIS 25649-2:2021)

prEN ISO 25649-3 en

Floating leisure articles for use on and in the water – Part 3: Additional specific safety requirements and test methods for Class A devices (ISO/DIS 25649-3:2021)
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 3. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave A kategorije (ISO/DIS 25649-3:2021)

prEN ISO 25649-4 en

Floating leisure articles for use on and in the water – Part 4: Additional specific safety requirements and test methods for Class B devices (ISO/DIS 25649-4:2021)
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 4. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave B kategorije (ISO/DIS 25649-4:2021)

prEN ISO 25649-5 en

Floating leisure articles for use on and in the water – Part 5: Additional specific safety requirements and test methods for Class C devices (ISO/DIS 25649-5:2021)
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 5. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave C kategorije (ISO/DIS 25649-5:2021)

prEN ISO 25649-6 en

Floating leisure articles for use on and in the water – Part 6: Additional specific safety requirements and test methods for Class D devices (ISO/DIS 25649-6:2021)
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 6. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave D kategorije (ISO/DIS 25649-6:2021)

prEN ISO 25649-7 en

Floating leisure articles for use on and in the water – Part 7: Additional specific safety requirements and test methods for Class E devices (ISO/DIS 25649-7:2021)
Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 7. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave E kategorije (ISO/DIS 25649-7:2021)

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

prEN ISO 23611-4 en

Soil quality – Sampling of soil invertebrates – Part 4: Sampling, extraction and identification of soil-inhabiting nematodes (ISO/DIS 23611-4:2021)
Kvaliteta tla – Uzorkovanje beskrležnjaka u tlu – 4. dio: Uzorkovanje, izdvajanje i identifikacija slobodno živućih nematoda (ISO/DIS 23611-4:2021)

HZN/TO E14, Energetski transformatori

prEN IEC 60076-25:2021 en

Power transformers – Part 25: Neutral grounding resistors (IEC 60076-25 ED1)
Energetski transformatori – 25. dio: Otpornici za uzemljenje neutralnog vodiča (IEC 60076-25 ED1)

HZN/TO E17, Sklopni i upravljački uređaji

EN IEC 62271-102:2018/prA1:2021 en

Amendment 1 – High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (IEC 62271-102/am1 ED2)
Amandman 1 – Visokonaponska sklopna aparatura – 102. dio: Visokonaponski rastavljači i zemljospojnici izmjenične struje (IEC 62271-102/am1 ED2)

HZN/TO E22, Energetska elektronika

EN 62751-1:2014/prA2:2021 en

Amendment 2 – Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems – Part 1: General requirements (IEC 62751-1/am2 ED1)
Amandman 2 – Gubici u ventilima pretvarača s naponskim ulazom (VSC) za visokonaponske sustave istosmjerne struje (HVDC) – 1. dio: Opći zahtjevi (IEC 62751-1/am2 ED1)

HZN/TO E23, Električni instalacijski pribor

EN 50642:2018/prA1 en

Cable management systems – Test method for content of halogens
Sustavi za vođenje kabela – Metoda ispitivanja sadržaja halogena

HZN/TO E31, Eksplozivne atmosfere

prEN 14983 en

Explosion prevention and protection in underground mines – Equipment and protective systems for firedamp drainage
Sprečavanje eksplozije i zaštita u podzemnim rudnicima – Oprema i zaštitni sustavi za drenažu jamskog plina

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN IEC 60598-2-18:2021 en

Luminaires – Part 2: Particular requirements – Section 18: Luminaires for swimming pools and similar applications (IEC 60598-2-18 ED3)
Svjetiljke – 2. dio: Posebni zahtjevi – 18. odjeljak: Svjetiljke za bazene za plivanje i slične primjene (IEC 60598-2-18 ED3)

prEN IEC 62386-101:2021 en
Digital addressable lighting interface – Part 101: General requirements – System components (IEC 62386-101 ED3)
Digitalno upravljanje rasvjetom – 101. dio: Opći zahtjevi – Komponente sustava (IEC 62386-101 ED3)

prEN IEC 62386-102:2021 en
Digital addressable lighting interface – Part 102: General requirements – Control gear (IEC 62386-102 ED3)
Digitalno upravljanje rasvjetom – 102. dio: Opći zahtjevi – Predspojne naprave (IEC 62386-102 ED3)

prEN IEC 62386-103:2021 en
Digital addressable lighting interface – Part 103: General requirements – Control devices (IEC 62386-103 ED2)
Digitalno upravljanje rasvjetom – 103. dio: Opći zahtjevi – Upravljački uređaji (IEC 62386-103 ED2)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

EN 50570:2013/prA2:2021 en
Household and similar electrical appliances – Safety – Particular requirements for commercial electric tumble dryers
Kućanski i slični električni aparati – Sigurnost – Posebni zahtjevi za komercijalne električne sušilice rublja s bubnjem

prEN IEC 60335-2-113:2021 en
Household and similar electrical appliances – Safety – Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources (IEC 60335-2-113:2016)
Kućanski i slični električni aparati – Sigurnost – Dio 2-113: Posebni zahtjevi za aparate za kozmetiku i njegu, s ugrađenim laserskim i intenzivnim izvorima svjetla (IEC 60335-2-113:2016)

prEN IEC 60335-2-113:2021/prA11:2021 en
Household and similar electrical appliances – Safety – Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources
Kućanski i slični električni aparati – Sigurnost – Dio 2-113: Posebni zahtjevi za aparate za kozmetiku i njegu, s ugrađenim laserskim i intenzivnim izvorima svjetla

prEN IEC 60335-2-115:2021 en
Household and similar electrical appliances – Safety – Part 2-115: Particular requirements for skin beauty care appliances (IEC 60335-2-115:2021)
Kućanski i slični električni aparati – Sigurnost – Dio 2-115: Posebni zahtjevi za aparate za njegu kože (IEC 60335-2-115:2021)

prEN IEC 60335-2-115:2021/prA11:2021 en
Household and similar electrical appliances – Safety – Part 2-115: Particular requirements for skin beauty care appliances
Kućanski i slični električni aparati – Sigurnost – Dio 2-115: Posebni zahtjevi za aparate za njegu kože

prEN IEC 60335-2-34:2021 en
Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors (IEC 60335-2-34:2021)
Kućanski i slični električni aparati – Sigurnost – Dio 2-34: Posebni zahtjevi za motore kompresore (IEC 60335-2-34:2021)

prEN IEC 60335-2-34:2021/prA11:2021 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

HZN/TO E62, Električna oprema u medicinskoj praksi

prEN IEC 60601-2-54:2021 en
Medical electrical equipment – Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy (IEC 60601-2-54 ED2)
Medicinska električna oprema – Dio 2-54: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke rendgenske opreme za radiografiju i radioskopiju (IEC 60601-2-54 ED2)

EN IEC 80601-2-26:2020/prA1:2021 en
Amendment 1 – Medical electrical equipment – Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalograph (IEC 80601-2-26/am1 ED1)
Amendment 1 – Medicinska električna oprema – Dio 2-26: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke elektroencefalografa (IEC 80601-2-26/am1 ED1)

EN IEC 80601-2-59:2019/prA1:2021 en
Amendment 1 – Medical electrical equipment – Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening (IEC 80601-2-59/am1 ED2)
Amendment 1 – Medicinska električna oprema – Dio 2-59: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke termografa za otkrivanje osoba s povišenom tjelesnom temperaturom (IEC 80601-2-59/am1 ED2)

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

prEN IEC 63206:2021 en
Industrial – Process control systems – Recorders (IEC 63206 ED1)

HZN/TO E69, Cestovna i industrijska električna vozila

prEN IEC 63119-2:2021 en
Information exchange for Electric Vehicle charging roaming service – Part 2: Use cases (IEC 63119-2 ED1)
Razmjena informacija za usluge roaminga za punjenje električnih vozila – 2. dio: Slučajevi upotrebe (IEC 63119-2 ED1)

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

prEN IEC 60071-12:2021 en
Insulation co-ordination – Part 12: Application guidelines for LCC HVDC converter stations (IEC 60071-12 ED1)
Usklađivanje izolacije – 12. dio: Smjernice za primjenu za pretvaračke stanice s linijskim komutatorima za istosmjernu struju visokog napona (LCC HVDC) (IEC 60071-12 ED1)

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 301 025 V2.2.4:2021 en
VHF radiotelephone equipment for general communications and associated equipment for Class “D” Digital Selective Calling (DSC) – Harmonised Standard for access to radio spectrum and for features for emergency services
VHF radiotelefonska oprema za opću komunikaciju i pridružena oprema za klasu „D” digitalnog selektivnoga pozivanja (DCS) – Harmonizirana norma za pristup radijskom spektru i za svojstva hitnih službi

Final draft EN 301 489-52 V1.2.0:2021 en
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment – Harmonised Standard for ElectroMagnetic Compatibility
Norma za elektromagnetsku kompatibilnost (EMC) za radijsku opremu i službe – 52. dio: Posebni uvjeti za korisničku radijsku i pomoćnu opremu za celularnu komunikaciju – Harmonizirana norma za elektromagnetsku kompatibilnost

Draft EN 303 345-2 V1.2.0:2021 en
Broadcast Sound Receivers – Part 2: AM broadcast sound service – Harmonised Standard for access to radio spectrum
Radiodifuzni audio prijammici – 2. dio: AM radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 345-5 V1.2.0:2021 en
Broadcast Sound Receivers – Part 5: DRM broadcast sound service – Harmonised Standard for access to radio spectrum
Radiodifuzni audio prijammici – 5. dio: DRM radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 447 V1.3.0:2021 en
Short Range Devices (SRD) – Inductive loop systems for robotic mowers – Harmonised Standard for access to radio spectrum
Uređaji kratkoga dometa (SRD) – Sustavi sa induktivnom petljom za robotizirane uređaje za košnju – Harmonizirana norma za pristup radijskom spektru

Draft EN 319 132-1 V1.2.0:2021 en
Electronic Signatures and Infrastructures (ESI) – XAdES digital signatures – Part 1: Building blocks and XAdES baseline signatures
Elektronički potpisi i infrastrukture (ESI) – XAdES digitalni potpisi – 1. dio: Gradbeni blokovi i XAdES osnovni potpisi

HZN/TO Z1, *Informacijska tehnologija*

FprCEN/TR 17748-2 en
Foundational Body of Knowledge for the ICT Profession (ICT BoK) – Part 2: User Guide and Methodology

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

prEN ISO 24211 en
Vapour products – Determination of selected carbonyls in vapour product emissions (ISO/DIS 24211:2021)

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

prEN 302-1 en
Adhesives for load-bearing timber structures – Test methods – Part 1: Determination of longitudinal tensile shear strength
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 1. dio: Određivanje uzdužne posmične čvrstoće

prEN 302-2 en
Adhesives for load-bearing timber structures – Test methods – Part 2: Determination of resistance to delamination
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 2. dio: Određivanje otpornosti na raslojavanje

prEN 302-4 en
Adhesives for load-bearing timber structures – Test methods – Part 4: Determination of the effects of wood shrinkage on the shear strength
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 4. dio: Određivanje učinaka promjene dimenzija drveta na posmičnu čvrstoću

prEN 302-5 en
Adhesives for load-bearing timber structures – Test methods – Part 5: Determination of maximum assembly time under referenced conditions
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 5. dio: Određivanje maksimalnog vremena sklapanja pri navedenim uvjetima

prEN 302-6 en
Adhesives for load-bearing timber structures – Test methods – Part 6: Determination of the minimum pressing time under referenced conditions
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 6. dio: Određivanje minimalnog vremena prešanja pri navedenim uvjetima

prEN 302-7 en
Adhesives for load-bearing timber structures – Test methods – Part 7: Determination of the working life under referenced conditions
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 7. dio: Određivanje radnog vijeka pri navedenim uvjetima

FprCEN/TS 17700-1 en
Plant biostimulants – Claims – Part 1: General principles

FprCEN/TS 17700-2 en
Plant biostimulants – Claims – Part 2: Nutrient use efficiency resulting from the use of a plant biostimulant

FprCEN/TS 17700-4 en
Plant biostimulants – Claims – Part 4: Determination of quality traits resulting from the use of a plant biostimulant

FprCEN/TS 17700-5 en
Plant biostimulants – Claims – Part 5: Determination of availability of confined nutrients in the soil or rhizosphere

FprCEN/TS 17701-1 en
Plant biostimulants – Determination of specific elements – Part 1: Digestion by aqua regia for subsequent determination of elements

FprCEN/TS 17701-2 en
Plant biostimulants – Determination of specific elements – Part 2: Determination of total content of Cd, Pb, Ni, As, Cr, Cu and Zn

FprCEN/TS 17701-3 en
Plant biostimulants – Determination of specific elements – Part 3: Determination of mercury

FprCEN/TS 17702-1 en
Plant biostimulants – Sampling and sample preparation – Part 1: Sampling

FprCEN/TS 17702-2 en
Plant biostimulants – Sampling and sample preparation – Part 2: Sample preparation

FprCEN/TS 17703 en
Plant biostimulants – Determination of chromium(VI)

FprCEN/TS 17704 en
Plant biostimulants – Determination of chromium(VI)

FprCEN/TS 17705 en
Plant biostimulants – Determination of phosphonates

FprCEN/TS 17706 en
Plant biostimulants – Determination of inorganic arsenic

FprCEN/TS 17707 en
Plant biostimulants – Determination of the yeast and mould content

FprCEN/TS 17708 en
Plant biostimulants – Preparation of sample for microbial analysis

FprCEN/TS 17709 en
Plant biostimulants – Determination of Azotobacter spp.

FprCEN/TS 17710 en
Plant biostimulants – Detection of Listeria monocytogenes

FprCEN/TS 17711 en
Plant biostimulants – Detection of Vibrio spp

FprCEN/TS 17712 en
Plant biostimulants – Detection of Staphylococcus aureus

FprCEN/TS 17713 en
Plant biostimulants – Determination of Azospirillum spp.

FprCEN/TS 17714 en
Plant biostimulants – Determination of microorganisms' concentration

FprCEN/TS 17715 en
Plant biostimulants – Detection of Shigella spp

FprCEN/TS 17716 en
Plant biostimulants – Determination of Escherichia coli

FprCEN/TS 17717 en
Plant biostimulants – Detection of Salmonella spp

FprCEN/TS 17718 en
Plant biostimulants – Determination of Rhizobium spp

FprCEN/TS 17719 en
Plant biostimulants – Determination of the anaerobic plate count

FprCEN/TS 17720 en
Plant biostimulants – Determination of Enterococcaceae

FprCEN/TS 17721 en
Plant biostimulants – Determination of the pH for liquid microbial plant biostimulants/pH in microbial products – Determination of pH

FprCEN/TS 17722 en
Plant biostimulants – Determination of Mycorrhizal fungi

FprCEN/TS 17723 en
Plant biostimulants – Determination of chloride

FprCEN/TS 17724 en
Plant Biostimulants – Terminology

FprCEN/TS 17725 en
Plant biostimulants – Determination of the quantity (indicated by mass or volume)

prEN ISO/ASTM 52931 en
Additive manufacturing of metals – Environment, health and safety – General principles for use of metallic materials (ISO/ASTM DIS 52931:2021)

HZN/TU I2, Strojstvo 2

- prEN 17736 en
Entertainment technology – Specifications for design and manufacture of aluminium stage decks and frames
- prEN ISO 80004-1 en
Nanotechnologies – Vocabulary – Part 1: Core terms and definitions (ISO/DIS 80004-1:2021)
Nanotehnologije – Terminološki rječnik – 1. dio: Temeljni pojmovi (ISO/DIS 80004-1:2021)

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

- prEN 3361 en
Aerospace series – Steel X5CrNiCu15 5 (1.4545) – Consumable electrode remelted – Solution treated and precipitation treated – Sheets and strips – $a \leq 6 \text{ mm}$ – $1\ 070 \text{ MPa} \leq R_m \leq 1\ 220 \text{ MPa}$
Zrakoplovstvo – Čelik FE-PM1802 (X5CrNiCu15-5) – Pretopljen elektrodom za zavarivanje – Tretiran otopinom i precipitatom, lim i traka – $a \leq 6 \text{ mm}$ – $1\ 070 \text{ MPa} \leq R_m \leq 1\ 220 \text{ MPa}$
- prEN 3364 en
Aerospace series – Steel X5CrNiCu15 5 (1.4545) – Consumable electrode remelted, softened – Forging stocks – a or $D \leq 300 \text{ mm}$
- prEN 3479 en
Aerospace series – Steel X5CrNiCu15 5 (1.4545) – Consumable electrode remelted – Solution treated and precipitation treated – Plates – $6 \text{ mm} < a \leq 20 \text{ mm}$ – $1\ 070 \text{ MPa} \leq R_m \leq 1\ 220 \text{ MPa}$
Zrakoplovstvo – Čelik X5CrNiCu15 5 (1.4545) – Pretopljen topljivom elektrodom – Tretiran otopinom i precipitatom – Ploča – $6 \text{ mm} < a \leq 20 \text{ mm}$ – $1\ 070 \text{ MPa} \leq R_m \leq 1\ 220 \text{ MPa}$
- prEN 4258 en
Aerospace series – Metallic materials – General organization of standardization – Link between types of European Standards and their use
Zrakoplovstvo – Metalni materijali – Opća organizacija normizacije – Veza između tipova EN norma i njihova upotreba
- prEN 4287 en
Aerospace series – Aluminium alloy AL-P7010 – Forging stock
Zrakoplovstvo – Legura aluminija AL-P7010 – Materijal namijenjen kovanju
- prEN 4863 en
Aerospace series – Rotorcraft immersion suits – Requirements, testing and marking
- prEN 4902 en
Aerospace series – Surface treatments – Definitions and test methods
- prEN 4904 en
Aerospace series – Steel 36NiCrMo16 – $1\ 000 \text{ MPa} \leq R_m \leq 1\ 200 \text{ MPa}$ – Bars – $100 \leq D \leq 250 \text{ mm}$

HZN/TU V1, Elektronika 1

- prEN IEC 60153-4:2021 en
Hollow metallic waveguides – Part 4: Relevant specifications for circular waveguides (IEC 60153-4 ED4)
Šuplji metalni valovodi – 4. dio: Posebne specifikacije za kružne valovode (IEC 60153-4 ED4)
- prEN IEC 61300-2-5:2021 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-5: Tests – Torsion (IEC 61300-2-5 ED4)
- prEN IEC 61300-3-35:2021 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-35: Examinations and measurements – Visual inspection of fibre optic connectors and fibre-stub transceivers (IEC 61300-3-35 ED3)
- prEN IEC 63287-2:2021 en
Semiconductor devices – Guidelines for reliability qualification plans – Part 2: Concept of mission profile (IEC 63287-2 ED1)

HZN/TU W1, Energetska elektrotehnika 1

- prEN IEC 60974-12:2021 en
Arc welding equipment – Part 12: Coupling devices for welding cables (IEC 60974-12 ED4)
Oprema za elektrolučno zavarivanje – 12. dio: Spojni uređaji za kabele za zavarivanje (IEC 60974-12 ED4)
- prEN IEC 61558-2-2:2021 en
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-2: Particular requirements and tests for control transformers and power supply units incorporating control transformers (IEC 61558-2-2 ED3)
Sigurnost energetske transformatora, jedinica za napajanje, prigušnica i sličnih proizvoda – Dio 2-2: Posebni zahtjevi i ispitivanja za transformatore za upravljačke krugove i izvore napajanja s ugrađenim transformatorima za upravljačke krugove (IEC 61558-2-2 ED3)
- prEN IEC 61855:2021 en
Household and similar use electrical hair care appliances – Methods for measuring the performance (IEC 61855 ED2)
Električni aparati za njegu kose za kućansku i sličnu upotrebu – Metode za mjerenje radnih značajki (IEC 61855 ED2)

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 12625-7:2014 en
Tanki upijajući papir (tissue) i proizvodi od tankoga upijajućeg papira – 7. dio: Određivanje optičkih svojstava – Mjerenje svjetline i boje pri $D_{65}/10^\circ$ (dnevnomu svjetlu) (ISO 12625-7:2014; EN ISO 12625-7:2014)
Tissue paper and tissue products – Part 7: Determination of optical properties – Measurement of brightness and colour with $D_{65}/10^\circ$ (outdoor daylight) (ISO 12625-7:2014; EN ISO 12625-7:2014)
- zamijenjena s: HRN EN ISO 12625-7:2021

HZN/TO 28, Naftni proizvodi i maziva

- HRN ISO 13740:2005 en
Nafta i naftni proizvodi – Obračun primopredaje – Procjena iskustvenog faktora plovila pri utovaru (VEFL) i procjena iskustvenog faktora plovila pri istovaru (VEFD) preko oceanskih tankera (ISO 13740:1998)
Crude petroleum and petroleum products – Transfer accountability – Assessment of vessel experience factor on loading (VEFL) and vessel experience factor on discharging (VEFD) of ocean-going tanker vessels (ISO 13740:1998)
- bez zamjene

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

- HRN EN ISO 11132:2017 en
Senzorska analiza – Metodologija – Smjernice za praćenje karakteristika kvantitativnog senzorskog panela (ISO 11132:2012; EN ISO 11132:2017)
Sensory analysis – Methodology – Guidelines for monitoring the performance of a quantitative sensory panel (ISO 11132:2012; EN ISO 11132:2017)
- zamijenjena s: HRN EN ISO 11132:2021

HZN/TO 44, Zavarivanje i srodni postupci

- HRN EN ISO 3834-1:2007 en
Zahtjevi za kvalitetu zavarivanja taljenjem metalnih materijala – 1. dio: Kriteriji za izbor odgovarajuće razine zahtjeva za kvalitetu (ISO 3834-1:2005; EN ISO 3834-1:2005)
Quality requirements for fusion welding of metallic materials – Part 1: Criteria for the selection of the appropriate level of quality requirements (ISO 3834-1:2005; EN ISO 3834-1:2005)
- zamijenjena s: HRN EN ISO 3834-1:2021

HRN EN ISO 14922-1:2002 en
Toplinsko naštrecavanje – Zahtjevi za kakvoću toplinsko naštrecanih konstrukcija – 1. dio: Upute za odabir i uporabu (ISO 14922-1:1999; EN ISO 14922-1:1999)
Thermal spraying – Quality requirements of thermally sprayed structures – Part 1: Guidance for selection and use (ISO 14922-1:1999; EN ISO 14922-1:1999)
- zamijenjena s: HRN EN ISO 14922:2021

HRN EN ISO 14922-2:2002 en
Toplinsko naštrecavanje – Zahtjevi za kakvoću toplinsko naštrecanih konstrukcija – 2. dio: Sveobuhvatni zahtjevi za kakvoću (ISO 14922-2:1999; EN ISO 14922-2:1999)
Thermal spraying – Quality requirements of thermally sprayed structures – Part 2: Comprehensive quality requirements (ISO 14922-2:1999; EN ISO 14922-2:1999)
- zamijenjena s: HRN EN ISO 14922:2021

HRN EN ISO 14922-3:2002 en
Toplinsko naštrecavanje – Zahtjevi za kakvoću toplinsko naštrecanih konstrukcija – 3. dio: Standardni zahtjevi za kakvoću (ISO 14922-3:1999; EN ISO 14922-3:1999)
Thermal spraying – Quality requirements of thermally sprayed structures – Part 3: Standard quality requirements (ISO 14922-3:1999; EN ISO 14922-3:1999)
- zamijenjena s: HRN EN ISO 14922:2021

HRN EN ISO 14922-4:2002 en
Toplinsko naštrecavanje – Zahtjevi za kakvoću toplinsko naštrecanih konstrukcija – 4. dio: Osnovni zahtjevi za kakvoću (ISO 14922-4:1999; EN ISO 14922-4:1999)
Thermal spraying – Quality requirements of thermally sprayed structures – Part 4: Elementary quality requirements (ISO 14922-4:1999; EN ISO 14922-4:1999)
- zamijenjena s: HRN EN ISO 14922:2021

HZN/TO 120, Koža i obuća

HRI CEN ISO/TR 16178:2012 en
Obuća – Štetne tvari potencijalno prisutne u obući i dijelovima obuće (ISO/TR 16178:2012; CEN ISO/TR 16178:2012)
Footwear – Critical substances potentially present in footwear and footwear components (ISO/TR 16178:2012; CEN ISO/TR 16178:2012)
- zamijenjena s: HRI CEN ISO/TR 16178:2021

HRN EN ISO 19957:2008 en
Obuća – Metode ispitivanja peta – Čvrstoća držanja petnog vijka (ISO 19957:2004+Cor 1:2005; EN ISO 19957:2004+AC:2006)
Footwear – Test methods for heels – Heel pin holding strength (ISO 19957:2004+Cor 1:2005; EN ISO 19957:2004+AC:2006)
- zamijenjena s: HRN EN ISO 19957:2021

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

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

HRN EN 81-40:2008 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna dizala za transport osoba i tereta – 40. dio: Stubišne i nagibne podizne platforme za prijevoz osoba sa posebnim potrebama (EN 81-40:2008)
Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility (EN 81-40:2008)
- zamijenjena s: HRN EN 81-40:2020

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

HRN EN 81-70:2018 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 70. dio: Pristupačnost dizalima za osobe s posebnim potrebama (EN 81-70:2018)
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 70: Accessibility to lifts for persons including persons with disability (EN 81-70:2018)
- zamijenjena s: HRN EN 81-70:2021

HRN EN 81-72:2015 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 72. dio: Vatrogasna dizala (EN 81-72:2015)
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 72: Firefighters lifts (EN 81-72:2015)
- zamijenjena s: HRN EN 81-72:2020

HRN EN 81-73:2016 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 73. dio: Način rada dizala u slučaju požara (EN 81-73:2016)
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 73: Behaviour of lifts in the event of fire (EN 81-73:2016)
- zamijenjena s: HRN EN 81-73:2020

HRN EN 115-2:2011 en
Sigurnost pokretnih stuba i pokretnih traka – 2. dio: Pravila za poboljšanje sigurnosti postojećih pokretnih stuba i pokretnih traka (EN 115-2:2010)
Safety of escalators and moving walks – Part 2: Rules for the improvement of safety of existing escalators and moving walks (EN 115-2:2010)
- zamijenjena s: HRN EN 115-2:2021

HRN ISO 4190-1:2011 en
Ugradnja dizala – 1. dio: Dizala I., II., III. i VI. klase (ISO 4190-1:2010)
Lift (Elevator) installation – Part 1: Class I, II, III and VI lifts (ISO 4190-1:2010)
- zamijenjena s: HRN ISO 8100-30:2021

HRN ISO 4190-1:2011/Ispr.1:2014 en
Ugradnja dizala – 1. dio: Dizala I., II., III. i VI. klase (ISO 4190-1:2010/Cor 1:2011)
Lift (Elevator) installation – Part 1: Class I, II, III and VI lifts (ISO 4190-1:2010/Cor 1:2011)
- zamijenjena s: HRN ISO 8100-30:2021

HRN ISO 4190-6:2000 en
Dizala i teretna dizala – 6. dio: Ugradnja osobnih dizala u stambene zgrade – Planiranje i odabir (ISO 4190-6:1984)
Lifts and service lifts (US: Elevators and dumbwaiters) – Part 6: Passenger lifts to be installed in residential buildings – Planning and selection (ISO 4190-6:1984)
- zamijenjena s: HRN ISO 8100-32:2021

HRN EN 12015:2014 en
Elektromagnetska kompatibilnost – Norma porodice proizvoda za dizala, pokretne stube i putničke transportere – Emisija (EN 12015:2014)
Electromagnetic compatibility – Product family standard for lifts, escalators and moving walks – Emission (EN 12015:2014)
- zamijenjena s: HRN EN 12015:2020

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22476-4:2012 en
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 4. dio: Ispitivanje Ménardovim presiometrom (ISO 22476-4:2012; EN ISO 22476-4:2012)
Geotechnical investigation and testing – Field testing – Part 4: Ménard pressuremeter test (ISO 22476-4:2012; EN ISO 22476-4:2012)
- zamijenjena s: HRN EN ISO 22476-4:2021

HZN/TO 503, *Metalni materijali*

HRN EN 603-3:2001 en
Aluminij i aluminijeve legure – Istisnuti ili valjani materijal namijenjen kovanju – 3. dio: Dopusštena odstupanja dimenzija i oblika (EN 603-3:2000)
Aluminium and aluminium alloys – Wrought forging stock – Part 3: Tolerances on dimensions and form (EN 603-3:2000)
- zamijenjena s: HRN EN 603-3:2021

HRN EN 10132-1:2008 en
Hladno valjana uska čelična traka za toplinsku obradu – Tehnički uvjeti isporuke – 1. dio: Općenito (EN 10132-1:2000)
Cold rolled narrow steel strip for heat treatment – Technical delivery conditions – Part 1: General (EN 10132-1:2000)
- zamijenjena s: HRN EN 10132:2021

HRN EN 10132-2:2008 en
Hladno valjana uska čelična traka za toplinsku obradu – Tehnički uvjeti isporuke – 2. dio: Čelici za cementiranje (EN 10132-2:2000)
Cold rolled narrow steel strip for heat treatment – Technical delivery conditions – Part 2: Case hardening steels (EN 10132-2:2000)
- zamijenjena s: HRN EN 10132:2021

HRN EN 10132-3:2008 en
Hladno valjana uska čelična traka za toplinsku obradu – Tehnički uvjeti isporuke – 3. dio: Čelici za poboljšavanje (EN 10132-3:2000)
Cold rolled narrow steel strip for heat treatment – Technical delivery conditions – Part 3: Steels for quenching and tempering (EN 10132-3:2000)
- zamijenjena s: HRN EN 10132:2021

HRN EN 10132-4:2008 en
Hladno valjana uska čelična traka za toplinsku obradu – Tehnički uvjeti isporuke – 4. dio: Čelici za opruge i druge namjene (EN 10132-4:2000)
Cold rolled narrow steel strip for heat treatment – Technical delivery conditions – Part 4: Spring steels and other applications (EN 10132-4:2000)
- zamijenjena s: HRN EN 10132:2021

HZN/TO 513, *Mjerne jedinice i mjerila*

HRN EN 12405-1:2018 en
Plinomjeri – Uređaji za korekciju – 1. dio: Korekcija obujma (EN 12405-1:2018)
Gas meters – Conversion devices – Part 1: Volume conversion (EN 12405-1:2018)
- zamijenjena s: HRN EN 12405-1:2021

HZN/TO 528, *Oprema za željeznice*

HRN EN ISO 3381:2011 en
Željeznički sustav – Akustika – Mjerenje buke u željezničkim vozilima (ISO 3381:2005; EN ISO 3381:2011)
Railway applications – Acoustics – Measurement of noise inside railbound vehicles (ISO 3381:2005; EN ISO 3381:2011)
- zamijenjena s: HRN EN ISO 3381:2021

HRN EN 15302:2011 en
Željeznički sustav – Metoda za određivanje ekvivalentne koničnosti (EN 15302:2008+A1:2010)
Railway applications – Method for determining the equivalent conicity (EN 15302:2008+A1:2010)
- zamijenjena s: HRN EN 15302:2021

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

HRN EN 620:2010 en
Prenosila i sustavi neprekidne dobave – Sigurnost i EMS zahtjevi na nepokretne trakaste konvejeve za sipki materijal (EN 620:2002+A1:2010)
Continuous handling equipment and systems – Safety and EMC requirements for fixed belt conveyors for bulk materials (EN 620:2002+A1:2010)
- zamijenjena s: HRN EN 620:2021

HZN/TO 534, *Spremnici za teret*

HRN EN 13012:2013 en
Benzinske stanice za punjenje – Konstrukcija i izvedba automatskih sapnica za upotrebu na uređajima za istakanje goriva (EN 13012:2012)
Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers (EN 13012:2012)
- zamijenjena s: HRN EN 13012:2021

HRN EN 13121-1:2008 en
Spremnici i posude od plastike ojačane staklom (GRP) za nadzemnu upotrebu – 1. dio: Sirovi materijali – Specifikacija uvjeta i uvjeti prihvaćanja (EN 13121-1:2003)
GRP tanks and vessels for use above ground – Part 1: Raw materials – Specification conditions and acceptance conditions (EN 13121-1:2003)
- zamijenjena s: HRN EN 13121-1:2021

HRN EN 13617-1:2013 en
Benzinske stanice za punjenje – 1. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu mjernih pumpi, mjernih uređaja za istakanje goriva i daljinski upravljanih pumpnih jedinica (EN 13617-1:2012)
Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units (EN 13617-1:2012)
- zamijenjena s: HRN EN 13617-1:2021

HRN EN 13617-2:2012 en
Benzinske stanice za punjenje – 2. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu sigurnosne opreme protiv proljevanja za upotrebu na mjernim pumpama i mjernim uređajima za istakanje (EN 13617-2:2012)
Petrol filling stations – Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers (EN 13617-2:2012)
- zamijenjena s: HRN EN 13617-2:2021

HRN EN 13617-3:2012 en
Benzinske stanice za punjenje – 3. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu razdjelnih ventila (EN 13617-3:2012)
Petrol filling stations – Part 3: Safety requirements for construction and performance of shear valves (EN 13617-3:2012)
- zamijenjena s: HRN EN 13617-3:2021

HRN EN 13617-4:2013 en
Benzinske stanice za punjenje – 4. dio: Sigurnosni zahtjevi za konstrukciju i izvedbu zakretnih zglobova za upotrebu na mjernim pumpama i mjernim uređajima za istakanje (EN 13617-4:2012)
Petrol filling stations – Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers (EN 13617-4:2012)
- zamijenjena s: HRN EN 13617-4:2021

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

HRN EN ISO 10360-10:2016 en
Geometrijske specifikacije proizvoda (GSP) – Testovi za prihvatljivost i naknadnu provjeru trokoordinatnih mjernih uređaja (CMS) – 10. dio: Laserski tragači za mjerenje udaljenosti od točke do točke (ISO 10360-10:2016; EN ISO 10360-10:2016)
Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 10: Laser trackers for measuring point-to-point distances (ISO 10360-10:2016; EN ISO 10360-10:2016)
- zamijenjena s: HRN EN ISO 10360-10:2021

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

HRN EN ISO 11855-2:2015 en
Building environment design – Design, dimensioning; installation and control of embedded radiant heating and cooling systems – Part 2: Determination of the design heating and cooling capacity (ISO 11855-2:2012; EN ISO 11855-2:2015)
- zamijenjena s: HRN EN ISO 11855-2:2021

HRN EN ISO 29461-1:2013 en
Filtarski sustavi na usisu zraka za rotacijske strojeve – Metode ispitivanja – 1. dio: Nepokretni filtarski elementi (ISO 29461-1:2013; EN ISO 29461-1:2013)
Air intake filter systems for rotary machinery – Test methods – Part 1: Static filter elements (ISO 29461-1:2013; EN ISO 29461-1:2013)
- zamijenjena s: HRN EN ISO 29461-1:2021

HZN/TO 555, Medicinski proizvodi

HRN EN 285:2016 en
Sterilizatori – Sterilizatori na paru – Veliki sterilizatori (EN 285:2015)
Sterilization – Steam sterilizers – Large sterilizers (EN 285:2015)
- zamijenjena s: HRN EN 285:2021

HRN EN ISO 10993-9:2010 en
Biološka procjena medicinskih proizvoda – 9. dio: Okvir za identifikaciju i količinsko određivanje moguće istrošenosti proizvoda (ISO 10993-9:2009; EN ISO 10993-9:2009)
Biological evaluation of medical devices – Part 9: Framework for identification and quantification of potential degradation products (ISO 10993-9:2009; EN ISO 10993-9:2009)
- zamijenjena s: HRN EN ISO 10993-9:2021

HRN EN ISO 15223-1:2016 en
Medicinski proizvodi – Simboli za upotrebu u označavanju medicinskih proizvoda i informacijama uz medicinske proizvode – 1. dio: Opći zahtjevi (ISO 15223-1:2016, ispravljena verzija 2017-03; EN ISO 15223-1:2016)
Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements (ISO 15223-1:2016, Corrected version 2017-03; EN ISO 15223-1:2016)
- zamijenjena s: HRN EN ISO 15223-1:2021

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1973:2008 en
Tekstilna vlakna – Određivanje duljinske mase – Gravimetrijska metoda i titrajna metoda (ISO 1973:1995; EN ISO 1973:1995)
Textile fibres – Determination of linear density – Gravimetric method and vibroscope method (ISO 1973:1995; EN ISO 1973:1995)
- zamijenjena s: HRN EN ISO 1973:2021

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

HRN EN 913:2018 en
Gimnastička oprema – Opći sigurnosni zahtjevi i metode ispitivanja (EN 913:2018)
Gymnastic equipment – General safety requirements and test methods (EN 913:2018)
- zamijenjena s: HRN EN 913:2021

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

HRN EN 15169:2008 en
Karakterizacija otpada – Određivanje gubitka žarenjem u otpadu, mulju i sedimentima (EN 15169:2007)
Characterization of waste – Determination of loss on ignition in waste, sludge and sediments (EN 15169:2007)
- zamijenjena s: HRN EN 15935:2021

HZN/TO E56, Pouzdanost

HRN EN 60812:2008 en
Metode analize pouzdanosti sustava – Postupci provođenja analize vrste kvarova i njihovih posljedica (IEC 60812:2006; EN 60812:2006)
Analysis techniques for system reliability – Procedure for failure mode and effects analysis (FMEA) (IEC 60812:2006; EN 60812:2006)
- zamijenjena s: HRN EN IEC 60812:2018

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRN EN ISO/IEC 17030:2010 en
Ocjenjivanje sukladnosti – Opći zahtjevi za oznake sukladnosti treće strane (ISO/IEC 17030:2003; EN ISO/IEC 17030:2009)
Conformity assessment – General requirements for third-party marks of conformity (ISO/IEC 17030:2003; EN ISO/IEC 17030:2009)
- zamijenjena s: HRN EN ISO/IEC 17030:2021

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

HRN EN 13329:2017 en
Laminatne podne obloge – Elementi s površinskim slojem na bazi aminoplastičnih termostabilnih smola – Specifikacije, zahtjevi i metode ispitivanja (EN 13329:2016+A1:2017)
Laminate floor coverings – Elements with a surface layer based on aminoplastic thermosetting resins – Specifications, requirements and test methods (EN 13329:2016+A1:2017)
- zamijenjena s: HRN EN 13329:2021

HRN EN 14978:2016 en
Laminatne podne obloge – Elementi s površinskim slojem na bazi akrila otvrdnuti elektronskim snopom – Specifikacije, zahtjevi i metode ispitivanja (EN 14978:2016)
Laminate floor coverings – Elements with acrylic based surface layer, electron beam cured – Specifications, requirements and test methods (EN 14978:2016)
- zamijenjena s: HRN EN 14978:2021

HRN EN 15468:2016 en
Laminatne podne obloge – Elementi s gotovim otisnutim uzorkom i površinskim slojem od smole – Specifikacije, zahtjevi i metode ispitivanja (EN 15468:2016)
Laminate floor coverings – Elements with directly applied printing and resin surface layer – Specifications, requirements and test methods (EN 15468:2016)
- zamijenjena s: HRN EN 15468:2021

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

HRN EN ISO 6877:2008 en
Stomatologija – Igljice za opturaciju korijenskog kanala (ISO 6877:2006; EN ISO 6877:2006)
Dentistry – Root-canal obturating points (ISO 6877:2006; EN ISO 6877:2006)
- zamijenjena s: HRN EN ISO 6877:2021

HRN EN ISO 21563:2013 en
Stomatologija – Hidrokoloidni materijali za otiske (ISO 21563:2013; EN ISO 21563:2013)
Dentistry – Hydrocolloid impression materials (ISO 21563:2013; EN ISO 21563:2013)
- zamijenjena s: HRN EN ISO 21563:2021

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

HRN EN 17406:2020 en
Klasifikacija bicikala prema namjeni (EN 17406:2020)
Classification for bicycles usage (EN 17406:2020)
- zamijenjena s: HRN EN 17406:2021

HZN/TU W1, Energetska elektrotehnika 1

HRN HD 636 S1:2002 en
Visokonaponski osigurači – 2. dio: Ispušni osigurači (IEC 60282-2:1995; HD 636 S1:1996)
High-voltage fuses – Part 2: Expulsion fuses (IEC 60282-2:1995; HD 636 S1:1996)
- bez zamjene

HRN EN 50193-1:2013 en
Električne protočne grijalice vode – 1. dio: Opći zahtjevi (EN 50193-1:2013)
Electric instantaneous water heaters – Part 1: General requirements (EN 50193-1:2013)
- zamijenjena s: HRN EN 50193-1:2016

HRN EN 50229:2008 en
Električne perilice-sušilice rublja za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (EN 50229:2007)
Electric clothes washer-dryers for household use – Methods of measuring the performance (EN 50229:2007)
- zamijenjena s: HRN EN 50229:2015

HRN EN 50242:2008 en
Električne perilice posuđa za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (IEC 60436:2004, MOD; EN 50242:2008)
Electric dishwashers for household use – Methods for measuring the performance (IEC 60436:2004, MOD; EN 50242:2008)
- zamijenjena s: HRN EN 50242:2016

- HRN EN 50242:2008/A11:2013 en
Električne perilice posuđa za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (IEC 60436:2004/am1:2009, MOD+IEC 60436:2004/am2:2012, MOD; EN 50242:2008/A11:2012)
Electric dishwashers for household use – Methods for measuring the performance (IEC 60436:2004/am1:2009, MOD+IEC 60436:2004/am2:2012, MOD; EN 50242:2008/A11:2012)
- zamijenjena s: HRN EN 50242:2016
- HRN EN 50244:2008 en
Električna oprema za otkrivanje zapaljivih plinova u kućanskim prostorima – Upute za odabir, postavljanje, uporabu i održavanje (EN 50244:2000)
Electrical apparatus for the detection of combustible gases in domestic premises – Guide on the selection, installation, use and maintenance (EN 50244:2000)
- zamijenjena s: HRN EN 50244:2016
- HRN EN 50272-1:2011 en
Sigurnosni zahtjevi za sekundarne baterije i baterijske instalacije – 1. dio: Opće sigurnosne informacije (EN 50272-1:2010)
Safety requirements for secondary batteries and battery installations – Part 1: General safety information (EN 50272-1:2010)
- zamijenjena s: HRN EN IEC 62485-1:2018
- HRN EN 50272-2:2008 en
Sigurnosni zahtjevi za sekundarne akumulatori i akumulatorske instalacije – 2. dio: Nepomični akumulatori (EN 50272-2:2001)
Safety requirements for secondary batteries and battery installations – Part 2: Stationary batteries (EN 50272-2:2001)
- zamijenjena s: HRN EN IEC 62485-2:2018
- HRN EN 50272-3:2008 en
Sigurnosni zahtjevi za sekundarne baterije i baterijske instalacije – 3. dio: Vučne baterije (EN 50272-3:2002)
Safety requirements for secondary batteries and battery installations – Part 3: Traction batteries (EN 50272-3:2002)
- zamijenjena s: HRN EN 62485-3:2015
- HRN EN 50272-3:2008/Ispr.1:2014 en
Sigurnosni zahtjevi za sekundarne baterije i baterijske instalacije – 3. dio: Vučne baterije (EN 50272-3:2002/AC:2003)
Safety requirements for secondary batteries and battery installations – Part 3: Traction batteries (EN 50272-3:2002/AC:2003)
- zamijenjena s: HRN EN 62485-3:2015
- HRN EN 50272-4:2008 en
Sigurnosni zahtjevi za sekundarne baterije i baterijske instalacije – 4. dio: Baterije za upotrebu u prijenosnim uređajima (EN 50272-4:2007)
Safety requirements for secondary batteries and battery installations – Part 4: Batteries for use in portable appliances (EN 50272-4:2007)
- zamijenjena s: HRN EN IEC 62485-4:2018
- HRN EN 50291-1:2011 en
Električna oprema za otkrivanje ugljičnog monoksida u kućanskim prostorima – 1. dio: Metode ispitivanja i izvedbeni zahtjevi (EN 50291-1:2010)
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 1: Test methods and performance requirements (EN 50291-1:2010)
- zamijenjena s: HRN EN 50291-1:2018
- HRN EN 50291-1:2011/A1:2014 en
Električna oprema za otkrivanje ugljičnog monoksida u kućanskim prostorima – 1. dio: Metode ispitivanja i izvedbeni zahtjevi (EN 50291-1:2010/A1:2012)
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 1: Test methods and performance requirements (EN 50291-1:2010/A1:2012)
- zamijenjena s: HRN EN 50291-1:2018
- HRN EN 50342-1:2008 en
Olovni akumulatori za pokretanje – 1. dio: Opći zahtjevi i metode ispitivanja (EN 50342-1:2006)
Lead-acid starter batteries – Part 1: General requirements and methods of test (EN 50342-1:2006)
- zamijenjena s: HRN EN 50342-1:2015
- HRN EN 50342-1:2008/A1:2015 en
Olovni akumulatori za pokretanje – 1. dio: Opći zahtjevi i metode ispitivanja (EN 50342-1:2006/A1:2011)
Lead-acid starter batteries – Part 1: General requirements and methods of test (EN 50342-1:2006/A1:2011)
- zamijenjena s: HRN EN 50342-1:2015
- HRN EN 50444:2008 en
Osnovna norma za procjenu izloženosti ljudi elektromagnetskim poljima od opreme za elektrolučno zavarivanje i srodnih postupaka (EN 50444:2008)
Basic standard for the evaluation of human exposure to electromagnetic fields from equipment for arc welding and allied processes (EN 50444:2008)
- zamijenjena s: HRN EN 62822-2:2016
- HRN EN 50445:2008 en
Norma porodice proizvoda za dokazivanje usklađenosti opreme za elektrootporno i elektrolučno zavarivanje te srodne procese s osnovnim ograničenjima vezanim uz izloženost ljudi utjecaju elektromagnetskog polja (0 Hz - 300 GHz) (EN 50445:2008)
Product family standard to demonstrate compliance of equipment for resistance welding, arc welding and allied processes with the basic restrictions related to human exposure to electromagnetic fields (0 Hz - 300 GHz) (EN 50445:2008)
- zamijenjena s: HRN EN IEC 62822-1:2018
- HRN EN 50505:2008 en
Osnovna norma za procjenu izloženosti ljudi elektromagnetskim poljima od opreme za elektrootporno zavarivanje i srodnih postupaka (EN 50505:2008)
Basic standard for the evaluation of human exposure to electromagnetic fields from equipment for resistance welding and allied processes (EN 50505:2008)
- zamijenjena s: HRN EN IEC 62822-3:2018
- HRS CLC/TS 50594:2015 en
Sušilice s bubnjem za komercijalnu uporabu – Metode ispitivanja za mjerenje radnih značajka (CLC/TS 50594:2015)
Tumble dryers for commercial use – Methods for measuring the performance (CLC/TS 50594:2015)
- zamijenjena s: HRN EN 50594:2018
- HRS CLC/TS 50640:2015 en
Perilice odjeće za komercijalnu uporabu – Metode ispitivanja za mjerenje radnih značajka (CLC/TS 50640:2015)
Clothes washing machines for commercial use – Methods for measuring the performance (CLC/TS 50640:2015)
- zamijenjena s: HRN EN 50640:2018
- HRN EN 60086-1:2014 en
Primarne baterije – 1. dio: Općenito (IEC 60086-1:2011; EN 60086-1:2011)
Primary batteries – Part 1: General (IEC 60086-1:2011; EN 60086-1:2011)
- zamijenjena s: HRN EN 60086-1:2015
- HRN EN 60086-2:2014 en
Primarne baterije – 2. dio: Fizikalne i električne specifikacije (IEC 60086-2:2011; EN 60086-2:2011)
Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:2011; EN 60086-2:2011)
- zamijenjena s: HRN EN 60086-2:2016
- HRN EN 60086-3:2014 en
Primarne baterije – 3. dio: Baterije za satove (IEC 60086-3:2011; EN 60086-3:2011)
Primary batteries – Part 3: Watch batteries (IEC 60086-3:2011; EN 60086-3:2011)
- zamijenjena s: HRN EN 60086-3:2016
- HRN EN 60086-5:2014 en
Primarne baterije – 5. dio: Sigurnost baterija s tekućim elektrolitom (IEC 60086-5:2011; EN 60086-5:2011)
Primary batteries – Part 5: Safety of batteries with aqueous electrolyte (IEC 60086-5:2011; EN 60086-5:2011)
- zamijenjena s: HRN EN 60086-5:2016
- HRN EN 60092-507:2001 en
Brodске električne instalacije – 507. dio: Plovila za razonodu (IEC 60092-507:2000; EN 60092-507:2000)
Electrical installations in ships – Part 507: Pleasure craft (IEC 60092-507:2000; EN 60092-507:2000)
- zamijenjena s: HRN EN 60092-507:2015
- HRN EN 60127-2:2004 en
Minijaturni osigurači – 2. dio: Rastalni ulošci (IEC 60127-2:2003; EN 60127-2:2003)
Miniature fuses – Part 2: Cartridge fuse-links (IEC 60127-2:2003; EN 60127-2:2003)
- zamijenjena s: HRN EN 60127-2:2014

- HRN EN 60127-2:2004/A1:2004 en
Minijaturni osigurači – 2. dio: Rastalni ulošci (Revizija listova norme 1, 2, 3, 5 i 6 u EN) (IEC 60127-2:2003/am1:2003; EN 60127-2:2003/A1:2003)
Miniature fuses – Part 2: Cartridge fuse-links (Revision of standard sheets 1, 2, 3, 5 and 6 of EN) (IEC 60127-2:2003/am1:2003; EN 60127-2:2003/A1:2003)
- zamijenjena s: HRN EN 60127-2:2014
- HRN EN 60127-2:2004/A2:2011 en
Minijaturni osigurači – 2. dio: Rastalni ulošci (IEC 60127-2:2003/am2:2010; EN 60127-2:2003/A2:2010)
Miniature fuses – Part 2: Cartridge fuse-links (IEC 60127-2:2003/am2:2010; EN 60127-2:2003/A2:2010)
- zamijenjena s: HRN EN 60127-2:2014
- HRN EN 60127-3:2002 en
Minijaturni osigurači – 3. dio: Subminijaturni rastalni ulošci (IEC 60127-3:1988+A1:1991+Corr.1:1994; EN 60127-3:1996+Corr.1:1996)
Miniature fuses – Part 3: Sub-miniature fuse-links (IEC 60127-3:1988+A1:1991+Corr.1:1994; EN 60127-3:1996+Corr.1:1996)
- zamijenjena s: HRN EN 60127-3:2015
- HRN EN 60127-3:2002/A2:2004 en
Minijaturni osigurači – 3. dio: Subminijaturni rastalni ulošci (IEC 60127-3:1988/am2:2002; EN 60127-3:1996/A2:2003)
Miniature fuses – Part 3: Sub-miniature fuse-links (IEC 60127-3:1988/am2:2002; EN 60127-3:1996/A2:2003)
- zamijenjena s: HRN EN 60127-3:2015
- HRN EN 60127-5:2002 en
Minijaturni osigurači – 5. dio: Smjernice za procjenu kakvoće minijaturnih rastalnih uložaka (IEC 60127-5:1988; EN 60127-5:1991)
Miniature fuses – Part 5: Guidelines for quality assessment of miniature fuse-links (IEC 60127-5:1988; EN 60127-5:1991)
- zamijenjena s: HRN EN 60127-5:2017
- HRN EN 60127-6:2004 en
Minijaturni osigurači – 6. dio: Držači osigurača za minijaturne rastalne uloške (IEC 60127-6:1994+am1:1996+am2:2002; EN 60127-6:1994+A1:1996+A2:2003)
Miniature fuses – Part 6: Fuse-holders for miniature cartridge fuse-links (IEC 60127-6:1994+am1:1996+am2:2002; EN 60127-6:1994+A1:1996+A2:2003)
- zamijenjena s: HRN EN 60127-6:2015
- HRN EN 60127-7:2013 en
Minijaturni osigurači – 7. dio: Minijaturni rastalni ulošci osigurača za specijalne primjene (IEC 60127-7:2013; EN 60127-7:2013)
Miniature fuses – Part 7: Miniature fuse-links for special applications (IEC 60127-7:2013; EN 60127-7:2013)
- zamijenjena s: HRN EN 60127-7:2016
- HRN EN 60143-1:2008 en
Serijski kondenzatori za energetske sustave – 1. dio: Općenito (IEC 60143-1:2004; EN 60143-1:2004)
Series capacitors for power systems – Part 1: General (IEC 60143-1:2004; EN 60143-1:2004)
- zamijenjena s: HRN EN 60143-1:2015
- HRN EN 60143-3:2008 en
Serijski kondenzatori za energetske sustave – 3. dio: Ugrađeni osigurači (IEC 60143-3:1998; EN 60143-3:1998)
Series capacitors for power systems – Part 3: Internal fuses (IEC 60143-3:1998; EN 60143-3:1998)
- zamijenjena s: HRN EN 60143-3:2015
- HRN EN 60299:2008 en
Kućanski električni vuneni pokrivači – Postupak mjerenja radnih značajka (IEC 60299:1994; EN 60299:1994)
Household electric blankets – Methods for measuring performance (IEC 60299:1994; EN 60299:1994)
- zamijenjena s: HRN EN 60299:2015
- HRN EN 60312-1:2014 en
Usisivači prašine za kućansku uporabu – 1. dio: Suhi vakumski čistači – Ispitne metode za mjerenje radnih značajka (IEC 60312-1:2010, MOD+am1:2011, MOD; EN 60312-1:2013)
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- zamijenjena s: HRN EN 60312-1:2017
- HRN EN 60350-1:2013 en
Kućanski električni aparati za kuhanje – 1. dio: Štednjaci, kuhala, kuhala na paru i roštilji – Metode ispitivanja za mjerenje radnih značajka (IEC 60350-1:2011, MOD+Corr.1:2012; EN 60350-1:2013)
Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance (IEC 60350-1:2011, MOD+Corr.1:2012; EN 60350-1:2013)
- zamijenjena s: HRN EN 60350-1:2016
- HRN EN 60350-1:2013/A11:2015 en
Kućanski električni aparati za kuhanje – 1. dio: Štednjaci, kuhala, kuhala na paru i roštilji – Metode ispitivanja za mjerenje radnih značajka (EN 60350-1:2013/A11:2014)
Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance (EN 60350-1:2013/A11:2014)
- zamijenjena s: HRN EN 60350-1:2016
- HRN EN 60350-2:2014 en
Kućanski električni aparati za kuhanje – 2. dio: Električna ugradbena ploča – Metode ispitivanja za mjerenje radnih značajka (IEC 60350-2:2011, MOD; EN 60350-2:2013)
Household electric cooking appliances – Part 2: Hobs – Methods for measuring performance (IEC 60350-2:2011, MOD; EN 60350-2:2013)
- zamijenjena s: HRN EN 60350-2:2018
- HRN EN 60350-2:2014/A11:2016 en
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- zamijenjena s: HRN EN 60350-2:2018
- HRN EN 60398:2008 en
Instalacije električnoga grijanja u industriji – Opće metode ispitivanja (IEC 60398:1999; EN 60398:1999)
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- zamijenjena s: HRN EN 60398:2015
- HRN EN 60456:2013 en
Perilice rublja za kućansku uporabu – Ispitne metode za mjerenje radnih značajka (IEC 60456:2010, MOD+Corr.:2011; EN 60456:2011)
Clothes washing machines for household use – Methods for measuring the performance (IEC 60456:2010, MOD+Corr.:2011; EN 60456:2011)
- zamijenjena s: HRN EN 60456:2016
- HRN EN 60456:2013/Ispr.1:2014 en
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Clothes washing machines for household use – Methods for measuring the performance (EN 60456:2011/AC:2011)
- zamijenjena s: HRN EN 60456:2016
- HRN EN 60519-1:2011 en
Sigurnost u instalacijama električnoga grijanja – 1. dio: Opći zahtjevi (IEC 60519-1:2010; EN 60519-1:2011)
Safety in electroheating installations – Part 1: General requirements (IEC 60519-1:2010; EN 60519-1:2011)
- zamijenjena s: HRN EN 60519-1:2015
- HRN EN 60519-2:2009 en
Sigurnost u instalacijama električnoga grijanja – 2. dio: Posebni zahtjevi za sustave otpornoga grijanja (IEC 60519-2:2006; EN 60519-2:2006)
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- bez zamjene
- HRN EN 60519-12:2013 en
Sigurnost u instalacijama električnoga grijanja – 12. dio: Posebni zahtjevi za instalacije infracrvenoga električnog grijanja (IEC 60519-12:2013; EN 60519-12:2013)
Safety in electroheating installations – Part 12: Particular requirements for infrared electroheating installations (IEC 60519-12:2013; EN 60519-12:2013)
- zamijenjena s: HRN EN IEC 60519-12:2018

- HRN EN 60519-21:2011 en
Sigurnost u instalacijama električnoga grijanja – 21. dio: Posebni zahtjevi za opremu za elektrootporno grijanje – Oprema za grijanje i taljenje stakla (IEC 60519-21:2008; EN 60519-21:2009)
Safety in electroheat installations – Part 21: Particular requirements for resistance heating equipment – Heating and melting glass equipment (IEC 60519-21:2008; EN 60519-21:2009)
- bez zamjene
- HRN EN 60623:2008 en
Sekundarne ćelije i akumulatori koje sadrže alkalne ili druge neekselinske elektrolite – Provjetravane nikal-kadmij prizmatične, ponovo punjive, jednostruke ćelije (IEC 60623:2001; EN 60623:2001)
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- zamijenjena s: HRN EN 60691:2016
- HRN EN 60691:2004/A1:2010 en
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Thermal-links – Requirements and application guide (IEC 60691:2002/am1:2006; EN 60691:2003/A1:2007)
- zamijenjena s: HRN EN 60691:2016
- HRN EN 60691:2004/A2:2011 en
Toplinski zaštitni ulošci – Zahtjevi i uputa za primjenu (IEC 60691:2002/am2:2010; EN 60691:2003/A2:2010)
Thermal-links – Requirements and application guide (IEC 60691:2002/am2:2010; EN 60691:2003/A2:2010)
- zamijenjena s: HRN EN 60691:2016
- HRN EN 60704-2-1:2004 en
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- zamijenjena s: HRN EN 60704-2-1:2015
- HRN EN 60704-2-13:2014 en
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- HRN EN 60745-2-11:2012 en
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- zamijenjena s: HRN EN 62841-2-11:2016
- HRN EN 60745-2-14:2012 en
Ručni elektromotorni alati – Sigurnost – Dio 2-14: Posebni zahtjevi za blanjalice (IEC 60745-2-14:2003, MOD+am1:2006, MOD; EN 60745-2-14:2009)
Hand-held motor-operated electric tools – Safety – Part 2-14: Particular requirements for planers (IEC 60745-2-14:2003, MOD+am1:2006, MOD; EN 60745-2-14:2009)
- zamijenjena s: HRN EN 62841-2-14:2015
- HRN EN 60745-2-14:2012/A2:2013 en
Ručni elektromotorni alati – Sigurnost – Dio 2-14: Posebni zahtjevi za blanjalice (IEC 60745-2-14:2003/am2:2010; EN 60745-2-14:2009/A2:2010)
Hand-held motor-operated electric tools – Safety – Part 2-14: Particular requirements for planers (IEC 60745-2-14:2003/am2:2010; EN 60745-2-14:2009/A2:2010)
- zamijenjena s: HRN EN 62841-2-14:2015
- HRN EN 60745-2-2:2012 en
Ručni elektromotorni alati – Sigurnost – Dio 2-2: Posebni zahtjevi za izvijače i udarne izvijače (IEC 60745-2-2:2003, MOD+am1:2008; EN 60745-2-2:2010)
Hand-held motor-operated electric tools – Safety – Part 2-2: Particular requirements for screwdrivers and impact wrenches (IEC 60745-2-2:2003, MOD+am1:2008; EN 60745-2-2:2010)
- zamijenjena s: HRN EN 62841-2-2:2015
- HRN EN 60745-2-4:2011 en
Ručni elektromotorni alati – Sigurnost – Dio 2-4: Posebni zahtjevi za pjeskarilice i laštice (IEC 60745-2-4:2002, MOD+am1:2008, MOD; EN 60745-2-4:2009)
Hand-held motor-operated electric tools – Safety – Part 2-4: Particular requirements for sanders and polishers other than disk type (IEC 60745-2-4:2002, MOD+am1:2008, MOD; EN 60745-2-4:2009)
- zamijenjena s: HRN EN 62841-2-4:2015
- HRN EN 60745-2-4:2011/A11:2013 en
Ručni elektromotorni alati – Sigurnost – Dio 2-4: Posebni zahtjevi za pjeskarilice i laštice (EN 60745-2-4:2009/A11:2011)
Hand-held motor-operated electric tools – Safety – Part 2-4: Particular requirements for sanders and polishers other than disk type (EN 60745-2-4:2009/A11:2011)
- zamijenjena s: HRN EN 62841-2-4:2015
- HRN EN 60745-2-5:2013 en
Ručni elektromotorni alati – Sigurnost – Dio 2-5: Posebni zahtjevi za kružne pile (IEC 60745-2-5:2010, MOD; EN 60745-2-5:2010)
Hand-held motor-operated electric tools – Safety – Part 2-5: Particular requirements for circular saws (IEC 60745-2-5:2010, MOD; EN 60745-2-5:2010)
- zamijenjena s: HRN EN 62841-2-5:2015
- HRN EN 60745-2-8:2012 en
Ručni elektromotorni alati – Sigurnost – Dio 2-8: Posebni zahtjevi za škare i grickala (IEC 60745-2-8:2003, MOD+am1:2008; EN 60745-2-8:2009)
Hand-held motor-operated electric tools – Safety – Part 2-8: Particular requirements for shears and nibblers (IEC 60745-2-8:2003, MOD+am1:2008; EN 60745-2-8:2009)
- zamijenjena s: HRN EN 62841-2-8:2016
- HRN EN 60745-2-9:2012 en
Ručni elektromotorni alati – Sigurnost – Dio 2-9: Posebni zahtjevi za navojne nareznice (IEC 60745-2-9:2003, MOD+am1:2008; EN 60745-2-9:2009)
Hand-held motor-operated electric tools – Safety – Part 2-9: Particular requirements for tappers (IEC 60745-2-9:2003, MOD+am1:2008; EN 60745-2-9:2009)
- zamijenjena s: HRN EN 62841-2-9:2015
- HRN EN 60831-1:2008 en
Paralelni energetske kondenzatori samoobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1 kV – 1. dio: Općenito – Značajke, ispitivanja i ocjenjivanje – Zahtjevi za sigurnost – Vodič za instaliranje i rad (IEC 60831-1:1996+am1:2002; EN 60831-1:1996+A1:2003)
Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 kV – Part 1: General – Performance, testing and rating – Safety requirements – Guide for installation and operation (IEC 60831-1:1996+am1:2002; EN 60831-1:1996+A1:2003)
- zamijenjena s: HRN EN 60831-1:2014
- HRN EN 60831-2:2008 en
Paralelni energetske kondenzatori samoobnovljivog tipa za sustave izmjenične struje nazivnog napona do i uključivo 1000 V – 2. dio: Ispitivanje umjetnim starenjem, ispitivanje samoobnovljivosti i ispitivanje razaranjem (IEC 60831-2:1995; EN 60831-2:1996)
Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1000 V – Part 2: Ageing test, self-healing test and destruction test (IEC 60831-2:1995; EN 60831-2:1996)
- zamijenjena s: HRN EN 60831-2:2014
- HRN EN 60871-1:2009 en
Paralelni kondenzatori za izmjenične energetske sustave nazivnog napona većeg od 1 000 V – 1. dio: Općenito (IEC 60871-1:2005; EN 60871-1:2005)
Shunt capacitors for a.c. power systems having a rated voltage above 1 000 V – Part 1: General (IEC 60871-1:2005; EN 60871-1:2005)
- zamijenjena s: HRN EN 60871-1:2015

- HRN EN 60871-4:2008 en
Paralelni kondenzatori za izmjenične energetske sustave nazivnog napona većeg od 1 000 V – 4. dio: Ugrađeni osigurači (IEC 60871-4:1996; EN 60871-4:1996)
Shunt capacitors for a.c. power systems having a rated voltage above 1 kV – Part 4: Internal fuses (IEC 60871-4:1996; EN 60871-4:1996)
- zamijenjena s: HRN EN 60871-4:2014
- HRN EN 60974-1:2013 en
Oprema za elektrolučno zavarivanje – 1. dio: Izvori napajanja za zavarivanje (IEC 60974-1:2012; EN 60974-1:2012)
Arc welding equipment – Part 1: Welding power sources (IEC 60974-1:2012; EN 60974-1:2012)
- zamijenjena s: HRN EN IEC 60974-1:2018
- HRN EN 60974-9:2011 en
Oprema za elektrolučno zavarivanje – 9. dio: Instalacija i uporaba (IEC 60974-9:2010; EN 60974-9:2010)
Arc welding equipment – Part 9: Installation and use (IEC 60974-9:2010; EN 60974-9:2010)
- zamijenjena s: HRN EN IEC 60974-9:2018
- HRN EN 61029-2-10:2012 en
Sigurnost prijenosnih elektromotornih alata – Dio 2-10: Posebni zahtjevi za odrezne brusilice (IEC 61029-2-10:1998, MOD; EN 61029-2-10:2010)
Safety of transportable motor-operated electric tools – Part 2-10: Particular requirements for cutting-off grinders (IEC 61029-2-10:1998, MOD; EN 61029-2-10:2010)
- zamijenjena s: HRN EN 62841-3-10:2016
- HRN EN 61029-2-10:2012/A11:2014 en
Sigurnost prijenosnih elektromotornih alata – Dio 2-10: Posebni zahtjevi za odrezne brusilice (EN 61029-2-10:2010/A11:2013)
Safety of transportable motor-operated electric tools – Part 2-10: Particular requirements for cutting-off grinders (EN 61029-2-10:2010/A11:2013)
- zamijenjena s: HRN EN 62841-3-10:2016
- HRN EN 61029-2-1:2013 en
Sigurnost prijevoznih elektromotornih alata – Dio 2-1: Posebni zahtjevi za stolne kružne pile (IEC 61029-2-1:1993, MOD+am1:1999+am2:2001; EN 61029-2-1:2012)
Safety of transportable motor-operated electric tools – Part 2-1: Particular requirements for circular saw benches (IEC 61029-2-1:1993, MOD+am1:1999+am2:2001; EN 61029-2-1:2012)
- zamijenjena s: HRN EN 62841-3-1:2015
- HRN EN 61029-2-4:2013 en
Sigurnost prijevoznih elektromotornih alata – Dio 2-4: Posebni zahtjevi za stolne brusilice (IEC 61029-2-4:1993, MOD+am1:2001, MOD; EN 61029-2-4:2011)
Safety of transportable motor-operated electric tools – Part 2-4: Particular requirements for bench grinders (IEC 61029-2-4:1993, MOD+am1:2001, MOD; EN 61029-2-4:2011)
- zamijenjena s: HRN EN 62841-3-4:2016
- HRN EN 61029-2-6:2012 en
Sigurnost prijenosnih elektromotornih alata – Dio 2-6: Posebni zahtjevi za dijamentne bušilice s dovodom vode (IEC 61029-2-6:1993, MOD; EN 61029-2-6:2010)
Safety of transportable motor-operated electric tools – Part 2-6: Particular requirements for diamond drills with water supply (IEC 61029-2-6:1993, MOD; EN 61029-2-6:2010)
- zamijenjena s: HRN EN 62841-3-6:2014
- HRN EN 61029-2-9:2013 en
Sigurnost prijevoznih elektromotornih alata – Dio 2-9: Posebni zahtjevi za kutne pile (IEC 61029-2-9:1995, MOD; EN 61029-2-9:2012)
Safety of transportable motor-operated electric tools – Part 2-9: Particular requirements for mitre saws (IEC 61029-2-9:1995, MOD; EN 61029-2-9:2012)
- zamijenjena s: HRN EN 62841-3-9:2016
- HRN EN 61029-2-9:2013/A11:2014 en
Sigurnost prijevoznih elektromotornih alata – Dio 2-9: Posebni zahtjevi za kutne pile (EN 61029-2-9:2012/A11:2013)
Safety of transportable motor-operated electric tools – Part 2-9: Particular requirements for mitre saws (EN 61029-2-9:2012/A11:2013)
- zamijenjena s: HRN EN 62841-3-9:2016
- HRN EN 61255:1999 en
Električni grijači jastuci za kućanstvo – Metode mjerenja značajka (IEC 61255:1994; EN 61255:1994)
Household electric heating pads – Methods for measuring the performance (IEC 61255:1994; EN 61255:1994)
- zamijenjena s: HRN EN 61255:2015
- HRN EN 61810-1:2009 en
Elektromehanički osnovni releji – 1. dio: Opći zahtjevi (IEC 61810-1:2008; EN 61810-1:2008)
Electromechanical elementary relays – Part 1: General requirements (IEC 61810-1:2008; EN 61810-1:2008)
- zamijenjena s: HRN EN 61810-1:2015
- HRN EN 61810-2-1:2014 en
Electromechanical elementary relays – Part 2-1: Reliability – Procedure for the verification of B10 values (IEC 61810-2-1:2011; EN 61810-2-1:2011)
- zamijenjena s: HRN EN 61810-2-1:2017
- HRN EN 61810-2:2014 en
Elektromehanički osnovni releji – 2. dio: Pouzdanost (IEC 61810-2:2011; EN 61810-2:2011)
Electromechanical elementary relays – Part 2: Reliability (IEC 61810-2:2011; EN 61810-2:2011)
- zamijenjena s: HRN EN 61810-2:2017
- HRN EN 61811-1:2008 en
Elektromehanički osnovni "sve ili ništa" releji utvrđene kvalitete – 1. dio: Generička specifikacija (IEC 61811-1:1999; EN 61811-1:1999)
Electromechanical non-specified time all-or-nothing relays of assessed quality – Part 1: Generic specification (IEC 61811-1:1999; EN 61811-1:1999)
- zamijenjena s: HRN EN 61811-1:2015
- HRN EN 61811-10:2008 en
Elektromehanički osnovni releji utvrđene kvalitete – 10. dio: Sekcijska specifikacija – Releji za industrijsku primjenu (IEC 61811-10:2002; EN 61811-10:2003)
Electromechanical elementary relays of assessed quality – Part 10: Sectional specification – Relays for industrial application (IEC 61811-10:2002; EN 61811-10:2003)
- zamijenjena s: HRN EN 61811-1:2015
- HRN EN 61811-11:2008 en
Elektromehanički osnovni releji utvrđene kvalitete – 11. dio: Prazna tiskanica za detaljnu specifikaciju – Releji za industrijsku primjenu (IEC 61811-11:2002; EN 61811-11:2003)
Electromechanical elementary relays of assessed quality – Part 11: Blank detail specification – Relays for industrial application (IEC 61811-11:2002; EN 61811-11:2003)
- zamijenjena s: HRN EN 61811-1:2015
- HRN EN 61811-50:2008 en
Elektromehanički "sve ili ništa" releji – 50. dio: Sekcijska specifikacija – Elektromehanički "sve ili ništa" telekomunikacijski releji utvrđene kvalitete (IEC 61811-50:2002; EN 61811-50:2002)
Electromechanical all-or-nothing relays – Part 50: Sectional specification – Electromechanical all-or-nothing telecom relays of assessed quality (IEC 61811-50:2002; EN 61811-50:2002)
- zamijenjena s: HRN EN 61811-1:2015
- HRN EN 61811-51:2008 en
Elektromehanički "sve ili ništa" releji – 51. dio: Prazna tiskanica za detaljnu specifikaciju – Elektromehanički "sve ili ništa" telekomunikacijski releji utvrđene kvalitete – Nenormirani tipovi i izvedba (IEC 61811-51:2002; EN 61811-51:2002)
Electromechanical all-or-nothing relays – Part 51: Blank detail specification – Electromechanical all-or-nothing telecom relays of assessed quality – Non-standardized types and construction (IEC 61811-51:2002; EN 61811-51:2002)
- zamijenjena s: HRN EN 61811-1:2015
- HRN EN 61811-52:2008 en
Elektromehanički "sve ili ništa" releji – 52. dio: Prazna tiskanica za detaljnu specifikaciju – Elektromehanički "sve ili ništa" telekomunikacijski releji utvrđene kvalitete – Dva izmjenična kontakta, osnovica 20 mm x 10 mm (IEC 61811-52:2002; EN 61811-52:2002)
Electromechanical all-or-nothing relays – Part 52: Blank detail specification – Electromechanical all-or-nothing telecom relays of assessed quality – Two change-over contacts, 20 mm x 10 mm base (IEC 61811-52:2002; EN 61811-52:2002)
- zamijenjena s: HRN EN 61811-1:2015

- HRN EN 61811-53:2008 en
Elektromehanički "sve ili ništa" releji – 53. dio: Prazna tiskanica za detaljnu specifikaciju – Elektromehanički "sve ili ništa" telekomunikacijski releji utvrđene kvalitete – Dva izmjenična kontakta, osnovica 14 mm x 9 mm (IEC 61811-53:2002; EN 61811-53:2002)
Electromechanical all-or-nothing relays – Part 53: Blank detail specification – Electromechanical all-or-nothing telecom relays of assessed quality – Two change-over contacts, 14 mm x 9 mm base (IEC 61811-53:2002; EN 61811-53:2002)
- zamijenjena s: HRN EN 61811-1:2015
- HRN EN 61811-54:2008 en
Elektromehanički "sve ili ništa" releji – 54. dio: Prazna tiskanica za detaljnu specifikaciju – Elektromehanički "sve ili ništa" telekomunikacijski releji utvrđene kvalitete – Dva izmjenična kontakta, osnovica 15 mm x 7,5 mm (IEC 61811-54:2002; EN 61811-54:2002)
Electromechanical all-or-nothing relays – Part 54: Blank detail specification – Electromechanical all-or-nothing telecom relays of assessed quality – Two change-over contacts, 15 mm x 7,5 mm base (IEC 61811-54:2002; EN 61811-54:2002)
- zamijenjena s: HRN EN 61811-1:2015
- HRN EN 61811-55:2008 en
Elektromehanički "sve ili ništa" releji – 55. dio: Prazna tiskanica za detaljnu specifikaciju – Elektromehanički "sve ili ništa" telekomunikacijski releji utvrđene kvalitete – Dva izmjenična kontakta, osnovica 15 mm x 7,5 mm maksimalno (IEC 61811-55:2002; EN 61811-55:2002)
Electromechanical all-or-nothing relays – Part 55: Blank detail specification – Electromechanical all-or-nothing telecom relays of assessed quality – Two change-over contacts, 15 mm x 7,5 mm (max.) base (IEC 61811-55:2002; EN 61811-55:2002)
- zamijenjena s: HRN EN 61811-1:2015
- HRN EN 61951-1:2014 en
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Prijenosni zapečaćeni, punjivi, pojedinačni članci – 1. dio: Nikal-kadmij (IEC 61951-1:2013; EN 61951-1:2014)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Portable sealed rechargeable single cells – Part 1: Nickel-cadmium (IEC 61951-1:2013; EN 61951-1:2014)
- zamijenjena s: HRN EN 61951-1:2017
- HRN EN 61951-2:2014 en
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Prijenosni zapečaćeni, punjivi, pojedinačni članci – 2. dio: Nikal-metalni hidrid (IEC 61951-2:2011; EN 61951-2:2011)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Portable sealed rechargeable single cells – Part 2: Nickel-metal hydride (IEC 61951-2:2011; EN 61951-2:2011)
- zamijenjena s: HRN EN 61951-2:2017
- HRN EN 61960:2014 en
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Sekundarni litijevi članci i baterije za prijenosne primjene (IEC 61960:2011; EN 61960:2011)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for portable applications (IEC 61960:2011; EN 61960:2011)
- zamijenjena s: HRN EN 61960-3:2017
- HRN EN 62133:2014 en
Sekundarni članci i baterije koje sadrže alkalne ili druge nekisele elektrolite – Zahtjevi za sigurnost prijenosnih sekundarnih članaka i baterija koje su od njih sastavljene, za uporabu u prijenosnim primjenama (IEC 62133:2012; EN 62133:2013)
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications (IEC 62133:2012; EN 62133:2013)
- zamijenjena s: HRN EN 62133-1:2017, HRN EN 62133-2:2017
- HRN EN 62246-1-1:2014 en
Reed switches – Part 1-1: Generic specification – Quality assessment (IEC 62246-1-1:2013; EN 62246-1-1:2013)
- zamijenjena s: HRN EN IEC 62246-1-1:2018
- HRN EN 62246-1:2014 en
Reed switches – Part 1: Generic specification (IEC 62246-1:2011; EN 62246-1:2011)
- zamijenjena s: HRN EN 62246-1:2015
- HRN EN 62256:2008 en
Hidraulične turbine, pumpe za spremnike i turbinske pumpe – Poboljšanje oporavka i značajki (IEC 62256:2008; EN 62256:2008)
Hydraulic turbines, storage pumps and pump-turbines – Rehabilitation and performance improvement (IEC 62256:2008; EN 62256:2008)
- zamijenjena s: HRN EN 62256:2017
- HRN EN 62281:2014 en
Sigurnost primarnih i sekundarnih litijevih članaka i baterija tijekom transporta (IEC 62281:2012; EN 62281:2013)
Safety of primary and secondary lithium cells and batteries during transport (IEC 62281:2012; EN 62281:2013)
- zamijenjena s: HRN EN 62281:2017
- HRN EN 62282-3-200:2014 en
Fuel cell technologies – Part 3-200: Stationary fuel cell power systems – Performance test methods (IEC 62282-3-200:2011; EN 62282-3-200:2012)
- zamijenjena s: HRN EN 62282-3-200:2016
- HRN EN 62282-3-201:2014 en
Fuel cell technologies – Part 3-201: Stationary fuel cell power systems – Performance test methods for small fuel cell power systems (IEC 62282-3-201:2013; EN 62282-3-201:2013)
- zamijenjena s: HRN EN 62282-3-201:2017
- HRN EN 62282-5-1:2013 en
Tehnologija gorivih ćelija – Dio 5-1: Energetski sustavi prenosivih gorivih ćelija – Sigurnost (IEC 62282-5-1:2012; EN 62282-5-1:2012)
Fuel cell technologies – Part 5-1: Portable fuel cell power systems – Safety (IEC 62282-5-1:2012; EN 62282-5-1:2012)
- zamijenjena s: HRN EN IEC 62282-5-100:2021
- HRN EN 62282-6-200:2014 en
Tehnologija gorivih ćelija – Dio 6-200: Energetski sustavi s gorivim mikročlancima – Metode ispitivanja značajki (IEC 62282-6-200:2012; EN 62282-6-200:2012)
Fuel cell technologies – Part 6-200: Micro fuel cell power systems – Performance test methods (IEC 62282-6-200:2012; EN 62282-6-200:2012)
- zamijenjena s: HRN EN 62282-6-200:2017
- HRN EN 137000:2008 en
Generička specifikacija – Fiksni aluminijski, elektrolitski, izmjenični kondenzatori s tekućim elektrolitom za uporabu s motorima (EN 137000:1995)
Generic specification – Fixed aluminium electrolytic a.c. capacitors with non-solid electrolyte for use with motors (EN 137000:1995)
- bez zamjene
- HRN EN 137100:2008 en
Sekcijska specifikacija – Fiksni aluminijski, elektrolitski, izmjenični kondenzatori s tekućim elektrolitom za primjene pri pokretanju motora – Kvalificacijsko odobrenje (EN 137100:1995)
Sectional specification – Fixed aluminium electrolytic a.c. capacitors with non-solid electrolyte for motor starter applications – Qualification approval (EN 137100:1995)
- bez zamjene
- HRN EN 137101:2008 en
Prazna tiskanica za detaljnu specifikaciju – Fiksni aluminijski elektrolitski izmjenični kondenzatori s tekućim elektrolitom za pokretanja motora – Kvalificacijsko odobrenje (EN 137101:1995)
Blank detail specification – Fixed aluminium electrolytic a.c. capacitors with non-solid electrolyte for motor starter applications – Qualification approval (EN 137101:1995)
- bez zamjene

1.5 Povučeni nacrti hrvatskih norma

HZN/TO 503, *Metalni materijali*

nkHRN EN 10138-1 hr pp
Čelici za prednapinjanje – 1. dio: Opći zahtjevi (FprEN 10138-1)
Prestressing steels – Part 1: General requirements (FprEN 10138-1)

nkHRN EN 10138-2 hr pp
Čelici za prednapinjanje – 2. dio: Žica (FprEN 10138-2)
Prestressing steels – Part 2: Wire (FprEN 10138-2)

nkHRN EN 10138-3 hr pp
Čelici za prednapinjanje – 3. dio: Uže (FprEN 10138-3)
Prestressing steels – Part 3: Strand (FprEN 10138-3)

nkHRN EN 10138-4 hr pp
Čelici za prednapinjanje – 4. dio: Šipka (FprEN 10138-4)
Prestressing steels – Part 4: Bar (FprEN 10138-4)

1.6 Ispravci hrvatskih norma

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

TO 44, *Zavarivanje i srodni postupci*

- **umjesto**

HRN EN ISO 2553:2019
Zavarivanje i srodni postupci – Simbolički prikaz na crtežima
– Zavareni spojevi (ISO 2553:2019; EN ISO 2553:2019)
Welding and allied processes – Symbolic representation on drawings – Welded joints (ISO 2553:2019; EN ISO 2553:2019)

- **treba biti**

HRN EN ISO 2553:2019
Zavarivanje i srodni postupci – Simbolički prikaz na crtežima
– Zavareni spojevi (ISO 2553:2019, **ispravljena verzija 2021-09**;
EN ISO 2553:2019)
Welding and allied processes – Symbolic representation on drawings
– Welded joints (ISO 2553:2019, **Corrected version 2021-09**;
EN ISO 2553:2019)

2 Rezultati mednarodne i evropske normizacije

Evropska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 3-8	Portable fire extinguishers – Part 8: Requirements for the construction, pressure resistance and mechanical tests for extinguishers with a maximum allowable pressure equal to or lower than 30 bar, which comply with the requirements of EN 3-7	13.220.20	2021-08
EN 1647+A1	Leisure accommodation vehicles – Caravan holiday homes – Habitation requirements relating to health and safety	43.100	2021-08
EN 1706+A1	Aluminium and aluminium alloys – Castings – Chemical composition and mechanical properties	77.150.10	2021-08
EN 1756-1	Tail lifts – Platform lifts for mounting on wheeled vehicles – Safety requirements – Part 1: Tail lifts for goods	53.020.99	2021-08
EN 10253-2	Butt-welding pipe fittings – Part 2: Non alloy and ferritic alloy steels with specific inspection requirements	23.040.40; 77.140.20; 77.140.45	2021-08
EN 10374	Welded fittings for the food and chemical industries – Tees, bends and reducers for welding	23.040.40	2021-08
EN 12331	Food processing machinery – Mincing machines – Safety and hygiene requirements	67.260	2021-08
EN 12464-1	Light and lighting – Lighting of work places – Part 1: Indoor work places	91.160.10	2021-08
EN 14972-3	Fixed firefighting systems – Water mist systems – Part 3: Test protocol for office, school classrooms and hotel for automatic nozzle systems	13.220.20	2021-08
CEN/TR 15071/AC	Safety of toys – National translations of warnings and instructions for use in the EN 71 series	97.200.50	2021-08
EN 15804+A2/AC	Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products	91.010.99	2021-08
EN 15935	Soil, waste, treated biowaste and sludge – Determination of loss on ignition	13.030.01	2021-08
EN 16186-5	Railway applications – Driver's cabs – Part 5: External visibility for tram vehicles	45.060.10; 45.140	2021-08
EN 16759	Bonded Glazing for doors, windows and curtain walling – Verification of mechanical performance of bonding on aluminium and steel surfaces	81.040.20	2021-08
EN 17281	Safety requirements – Vehicle cleaning equipment	43.180; 45.120	2021-08
EN 17387	Chemical disinfectants and antiseptics – Quantitative test for the evaluation of bactericidal and yeasticidal and/or fungicidal activity of chemical disinfectants in the medical area on non-porous surfaces without mechanical action – Test method and requirements (phase 2, step 2)	11.080.20; 71.100.35	2021-08
CEN/TR 17419-2	Digital information interchange in the insurance industry – Transfer of electronic documents – Part 2: Implementation of EN 17419-1 in Open API 3.0 specification	03.060; 35.240.20	2021-08
EN 17443	Winter service equipment – Brine production systems – Requirements and test methods	13.030.40	2021-08
EN 17446	Fire extinguishing systems in commercial kitchens – System design, documentation, and test requirements	13.220.20	2021-08
EN 17477	Algae and algae products – Identification of the biomass of microalgae, macroalgae, cyanobacteria and Labyrinthulomycetes – Detection and identification with morphological and/or molecular methods	13.020.55	2021-08
EN 17480	Algae and algae products – Methods for the determination of productivity of algae growth sites	13.020.55	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17490	Determination of screw pull out forces from screw thread channels	21.060.99	2021-08
EN 17521	Foodstuffs – Determination of Alternaria toxins in tomato, wheat and sunflower seeds by SPE clean-up and HPLC-MS/MS	67.050	2021-08
EN 17539	Modular mechanical locked floor coverings (MMF) – Determination of geometrical characteristics	97.150	2021-08
EN 17543	Conservation of Cultural Heritage – Finishes of built heritage – Investigation and documentation	97.195	2021-08
CEN/TS 17642	Intelligent Transport Systems – eSafety – eCall Interface for PSAPs to access cargo and dangerous goods databases	35.240.60	2021-08
CWA 17793	Test method for determination of the essential work of fracture of thin ductile metallic sheets	77.040.10	2021-08
CWA 17794	Measurement of diffusible hydrogen in metallic materials – HELIOS 4 HOT PROBE method	77.040.10	2021-08
EN ISO 787-2	General methods of test for pigments and extenders – Part 2: Determination of matter volatile at 105 °C (ISO 787-2:2021)	87.060.10	2021-08
EN ISO 1043-4	Plastics – Symbols and abbreviated terms – Part 4: Flame retardants (ISO 1043-4:2021)	83.040.30; 83.080.01	2021-08
EN ISO 1833-22	Textiles – Quantitative chemical analysis – Part 22: Mixtures of viscose or certain types of cupro or modal or lyocell with flax fibres (method using formic acid and zinc chloride) (ISO 18332:2020)	59.060.01	2021-08
EN ISO 4892-2/A1	Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps – Amendment 1: Classification of daylight filters (ISO 4892-2:2013/Amd 1:2021)	83.080.01	2021-08
EN ISO 7539-9	Corrosion of metals and alloys – Stress corrosion testing – Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement (ISO 7539-9:2021)	77.060	2021-08
EN ISO 10195	Leather – Chemical determination of chromium(VI) content in leather – Thermal pre-ageing of leather and determination of hexavalent chromium (ISO 10195:2018)	59.140.30	2021-08
EN ISO 10276	Nuclear energy – Fuel technology – Trunnion systems for packages used to transport radioactive material (ISO 10276:2019)	27.120.30	2021-08
EN ISO 10651-5	Lung ventilators for medical use – Particular requirements for basic safety and essential performance – Part 5: Gas-powered emergency resuscitators (ISO 10651-5:2006)	11.040.10	2021-08
EN ISO 10872	Water and soil quality – Determination of the toxic effect of sediment and soil samples on growth, fertility and reproduction of Caenorhabditis elegans (Nematoda) (ISO 10872:2020)	13.060.70	2021-08
EN ISO 11855-1	Building environment design – Embedded radiant heating and cooling systems – Part 1: Definitions, symbols, and comfort criteria (ISO 11855-1:2021)	91.040.01	2021-08
EN ISO 15883-5	Washer-disinfectors – Part 5: Performance requirements and test method criteria for demonstrating cleaning efficacy (ISO 15883-5:2021)	11.080.10	2021-08
EN ISO 16647	Nuclear facilities – Criteria for design and operation of confinement systems for nuclear worksite and for nuclear installations under decommissioning (ISO 16647:2018)	27.120.20	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 18229	Essential technical requirements for mechanical components and metallic structures foreseen for Generation IV nuclear reactors (ISO 18229:2018)	27.120.10	2021-08
EN ISO 18363-4	Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 4: Method using fast alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol by GC-MS/MS (ISO 18363-4:2021)	67.200.10	2021-08
EN ISO 18589-1	Measurement of radioactivity in the environment – Soil – Part 1: General guidelines and definitions (ISO 18589-1:2019)	13.080.01; 17.240	2021-08
EN ISO 18589-4	Measurement of radioactivity in the environment – Soil – Part 4: Plutonium 238 and plutonium 239 + 240 – Test method using alpha spectrometry (ISO 18589-4:2019)	13.080.01; 17.240	2021-08
EN ISO 18589-5	Measurement of radioactivity in the environment – Soil – Part 5: Strontium 90 – Test method using proportional counting or liquid scintillation counting (ISO 18589-5:2019)	13.080.01; 17.240	2021-08
EN ISO 18589-6	Measurement of radioactivity in the environment – Soil – Part 6: Gross alpha and gross beta activities – Test method using gas-flow proportional counting (ISO 18589-6:2019)	13.080.01; 17.240	2021-08
EN ISO 20042	Measurement of radioactivity – Gamma-ray emitting radionuclides – Generic test method using gamma-ray spectrometry (ISO 20042:2019)	13.280	2021-08
EN ISO 20785-4	Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 4: Validation of codes (ISO 20785-4:2019)	13.280; 49.020	2021-08
EN ISO 21393	Genomics informatics – Omics Markup Language (OML) (ISO 21393:2021)	35.240.80	2021-08
EN ISO 21676	Water quality – Determination of the dissolved fraction of selected active pharmaceutical ingredients, transformation products and other organic substances in water and treated waste water – Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) after direct injection (ISO 21676:2018)	13.060.50	2021-08
EN ISO 21802	Assistive products – Guidelines on cognitive accessibility – Daily time management (ISO 21802:2019)	11.180.01	2021-08
EN ISO 22517	Leather – Chemical tests – Determination of pesticide residues content (ISO 22517:2019)	59.140.30	2021-08
EN ISO 22854	Liquid petroleum products – Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel – Multidimensional gas chromatography method (ISO 22854:2021)	75.080	2021-08
CEN ISO/TR 22930-1	Evaluating the performance of continuous air monitors – Part 1: Air monitors based on accumulation sampling techniques (ISO/TR 22930-1:2020)	13.280	2021-08
CEN ISO/TR 22930-2	Evaluating the performance of continuous air monitors – Part 2: Air monitors based on flow-through sampling techniques without accumulation (ISO/TR 22930-2:2020)	13.280	2021-08
CEN ISO/TS 23758	Guidelines for the validation of qualitative screening methods for the detection of residues of veterinary drugs in milk and milk products (ISO/TS 23758:2021)	67.100.01	2021-08
CEN ISO/TS 82304-2	Health software – Part 2: Health and wellness apps – Quality and reliability (ISO/TS 82304-2:2021)	35.080; 35.240.80	2021-08

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CEN/CLC/TR 17603-20-05	Space engineering – High voltage engineering and design handbook	49.140	2021-08
CEN/CLC/TR 17603-31-01	Space Engineering – Thermal design handbook – Part 1: View factors	49.140	2021-08
CEN/CLC/TR 17603-31-02	Space Engineering – Thermal design handbook – Part 2: Holes, Grooves and Cavities	49.140	2021-08
CEN/CLC/TR 17603-31-03	Space Engineering – Thermal design handbook – Part 3: Spacecraft Surface Temperature	49.140	2021-08
CEN/CLC/TR 17603-31-04	Space Engineering – Thermal design handbook – Part 4: Conductive Heat Transfer	49.140	2021-08
CEN/CLC/TR 17603-31-05	Space Engineering – Thermal design handbook – Part 5: Structural Materials: Metallic and Composite	49.140	2021-08
CEN/CLC/TR 17603-31-06	Space Engineering – Thermal design handbook – Part 6: Thermal Control Surfaces	49.140	2021-08
CEN/CLC/TR 17603-31-07	Space Engineering – Thermal design handbook – Part 7: Insulations	49.140	2021-08
CEN/CLC/TR 17603-31-08	Space Engineering – Thermal design handbook – Part 8: Heat Pipes	49.140	2021-08
CEN/CLC/TR 17603-31-09	Space Engineering – Thermal design handbook – Part 9: Radiators	49.140	2021-08
CEN/CLC/TR 17603-31-10	Space engineering – Thermal design handbook – Part 10: Phase – Change Capacitor	49.140	2021-08
CEN/CLC/TR 17603-31-11	Space engineering – Thermal design handbook – Part 11: Electrical Heating	49.140	2021-08
CEN/CLC/TR 17603-31-12	Space Engineering – Thermal design handbook – Part 12: Louvers	49.140	2021-08
CEN/CLC/TR 17603-31-13	Space Engineering – Thermal design handbook – Part 13: Fluid Loops	49.140	2021-08
CEN/CLC/TR 17603-31-14	Space Engineering – Thermal design handbook – Part 14: Cryogenic Cooling	49.140	2021-08
CEN/CLC/TR 17603-31-15	Space Engineering – Thermal design handbook – Part 15: Existing Satellites	49.140	2021-08
CEN/CLC/TR 17603-31-16	Space Engineering – Thermal design handbook – Part 16: Thermal Protection System	49.140	2021-08
CLC/TS 50152-4	Railway applications – Fixed installations – Particular requirements for AC switchgear – Part 4: AC metal-enclosed traction switchgear	29.120.40; 29.130.10; 29.280	2021-08
CLC/TR 50600-99-1	Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management	27.015; 35.020; 35.110; 35.160	2021-08
CLC/TR 50600-99-2	Information technology – Data centre facilities and infrastructures – Part 99-2: Recommended practices for environmental sustainability	13.020.20; 27.015; 35.020; 35.110; 35.160	2021-08
EN 50708-2-5	Power transformers – Additional European requirements – Part 2-5: Medium power transformer – Single phase	29.180	2021-08
EN IEC 60076-22-8	Power transformers – Part 22-8: Power transformer and reactor fittings – Devices suitable for use in communication networks (IEC 60076-22-8:2021)	29.180	2021-08
EN IEC 60384-1	Fixed capacitors for use in electronic equipment – Part 1: Generic specification (IEC 60384-1:2021)	31.060.10	2021-08
EN IEC 60404-6/A1	Magnetic materials – Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens (IEC 60404-6:2018/AMD1:2021)	17.220.20; 29.030	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60404-11	Magnetic materials – Part 11: Methods of measurement of the surface insulation resistance of electrical steel strip and sheet (IEC 60404-11:2021)	17.220.01; 29.030	2021-08
EN IEC 60455-3-8	Resin based reactive compounds used for electrical insulation – Part 3-8: Specifications for individual materials – Resins for cable accessories (IEC 60455-3-8:2021)	29.035.01; 29.035.20	2021-08
EN IEC 60545	Guidelines for commissioning and operation of hydraulic turbines, pump-turbines and storage pumps (IEC 60545:2021)	23.100.10; 27.100	2021-08
EN IEC 60695-4	Fire hazard testing – Part 4: Terminology concerning fire tests for electrotechnical products (IEC 60695-4:2021)	01.040.13; 01.040.29; 13.220.40; 29.020	2021-08
EN IEC 60757	Code for designation of colours (IEC 60757:2021)	01.070; 29.020	2021-08
EN IEC 60794-1-31	Optical fibre cables – Part 1-31: Generic specification – Optical cable elements – Optical fibre ribbon (IEC 60794-1-31:2021)	33.180.10; 33.180.99	2021-08
EN IEC 60851-1	Winding wires – Test methods – Part 1: General (IEC 60851-1:2021)	01.040.29; 29.060.10	2021-08
EN 60898-2	Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations – Part 2: Circuit- breakers for a.c. and d.c. operation (IEC 60898-2:2016, modified)	29.120.50	2021-08
EN IEC 60938-1	Fixed inductors for electromagnetic interference suppression – Part 1: Generic specification (IEC 60938-1:2021)	29.100.10; 29.180; 31.020	2021-08
EN IEC 60938-2	Fixed inductors for electromagnetic interference suppression – Part 2: Sectional specification on power line chokes (IEC 60938-2:2021)	29.100.10; 29.180; 31.020	2021-08
EN IEC 61076-2-011	Connectors for electrical and electronic equipment – Product requirements – Part 2-011: Circular connectors – Detail specification for B12 bayonet coupling connectors based on mating interfaces according to IEC 61076-2-101 and IEC 61076- 2-109 (IEC 61076-2-011:2021)	31.220.10	2021-08
EN IEC 61280-1-3	Fibre optic communication subsystem test procedures – Part 1-3: General communication subsystems – Measurement of central wavelength, spectral width and additional spectral characteristics (IEC 61280-1-3:2021)	33.180.01	2021-08
EN IEC 61300-3-7	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-7: Examinations and measurements – Wavelength dependence of attenuation and return loss of single mode components (IEC 61300-3-7:2021)	33.180.20	2021-08
EN IEC 61318	Live working – Methods for assessment of defects and verification of performance applicable to tools, devices and equipment (IEC 61318:2021)	13.260; 29.240.20; 29.260.99	2021-08
EN 61666/A1	Industrial systems, installations and equipment and industrial products – Identification of terminals within a system (IEC 61666:2010/A1:2021)	01.080.30	2021-08
EN IEC 61724-1	Photovoltaic system performance – Part 1: Monitoring (IEC 61724-1:2021)	27.160	2021-08
EN IEC 61753-085-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 085-02: Non-connectorized single- mode pigtailed CWDM devices for category C – Indoor controlled environment (IEC 61753-085-02:2021)	33.180.10; 33.180.20	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61757-5-1	Fibre optic sensors – Part 5-1: Tilt measurement – Tilt sensors based on fibre Bragg gratings (IEC 61757-5-1:2021)	33.180.99	2021-08
EN IEC 61936-1	Power installations exceeding 1 kV AC and 1,5 kV DC – Part 1: AC (IEC 61936-1:2021)	29.020; 29.080.01; 29.240.01	2021-08
EN IEC 61970-600-1	Energy management system application program interface (EMS-API) – Part 600-1: Common Grid Model Exchange Standard (CGMES) – Structure and rules (IEC 61970-600-1:2021)	33.200; 35.240.50	2021-08
EN IEC 61970-600-2	Energy management system application program interface (EMS-API) – Part 600-2: Common Grid Model Exchange Specification (CGMES) – Exchange profiles specification (IEC 61970-600-2:2021)	33.200; 35.240.50	2021-08
EN IEC 62056-3-1	Electricity metering data exchange – The DLMS/COSEM suite – Part 3-1: Use of local area networks on twisted pair with carrier signalling (IEC 62056-3-1:2021)	17.220.20; 33.200; 35.110; 35.240.99; 91.140.50	2021-08
EN IEC 62271-100	High-voltage switchgear and controlgear – Part 100: Alternating current circuit-breakers (IEC 62271-100:2021)	29.130.10	2021-08
EN IEC 62271-213	High-voltage switchgear and controlgear – Part 213: Voltage detecting and indicating system (IEC 62271-213:2021)	13.260; 29.130.10; 29.240.20	2021-08
EN IEC 62271-215	High-voltage switchgear and controlgear – Part 215: Phase comparator used with VDIS (IEC 62271-215:2021)	13.260; 29.130.10; 29.240.20	2021-08
EN 62563-1/A2	Medical electrical equipment – Medical image display systems – Part 1: Evaluation methods (IEC 62563-1:2009/AMD2:2021)	11.040.50; 11.040.55	2021-08
EN IEC 62841-4-3	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers (IEC 62841-4-3:2020)	65.060.70	2021-08
EN IEC 62841-4-3/A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers	65.060.70	2021-08
EN IEC 62878-2-602	Device embedding assembly technology – Part 2-602: Guideline for stacked electronic module – Evaluation method of inter- module electrical connectivity (IEC 62878-2-602:2021)	31.180; 31.190	2021-08
EN IEC 63002	Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices (IEC 63002:2021)	31.020; 35.200	2021-08
EN IEC 63044-4	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS (IEC 63044-4:2021)	29.120.01; 29.120.99; 97.120	2021-08
EN IEC 63044-6	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 6: Requirements for planning and installation (IEC 63044-6:2021)	29.120.01; 29.120.99; 97.120	2021-08
EN IEC 63052	Power frequency overvoltage protective devices (POPs) for household and similar applications (IEC 63052:2019 + COR1:2019)	29.120.50	2021-08
EN IEC 63112	Photovoltaic (PV) arrays – Earth fault protection equipment – Safety and safety-related functionality (IEC 63112:2021)	27.160; 29.120.50	2021-08
EN IEC 63173-1	Maritime navigation and radiocommunication equipment and systems – Data interface – Part 1: S-421 route plan based on S- 100 (IEC 63173-1:2021)	47.020.70	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 63203-101-1	Wearable electronic devices and technologies – Part 101-1: Terminology (IEC 63203-101-1:2021)	01.040.31; 01.040.59; 31.080.99; 59.080.80	2021-08
EN IEC 63249-1	Waveguide to coaxial adapters – Part 1: Generic specification – General requirements and test methods (IEC 63249-1:2021)	33.120.10; 33.120.99	2021-08
EN IEC 63296-1	Portable multimedia equipment – Determination of battery duration – Part 1: Powered loudspeaker equipment (IEC 63296-1:2021)	33.160.50	2021-08

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 101220 V 14.1.0	Smart Cards – ETSI numbering system for telecommunication application providers (Release 14)	35.240.15	2021-08
ETSI TS 101220 V 15.3.0	Smart Cards – ETSI numbering system for telecommunication application providers (Release 15)	35.240.15	2021-08
ETSI TS 102241 V 15.4.0	Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 15)	35.240.15	2021-08
ETSI TS 102241 V 16.2.0	Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 16)	35.240.15	2021-08
ETSI TS 102241 V 17.1.0	Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 17)	35.240.15	2021-08
ETSI TS 102412 V 16.2.0	Smart Cards – Smart Card Platform Requirements Stage 1 (Release 16)	35.240.15	2021-08
ETSI TS 103248 V 2.1.1	Intelligent Transport Systems (ITS) – GeoNetworking – Port Numbers for the Basic Transport Protocol (BTP) – Release 2	35.240.60	2021-08
ETSI TS 103433-1 V 1.4.1	High-Performance Single Layer High Dynamic Range (HDR) System for use in Consumer Electronics devices – Part 1: Directly Standard Dynamic Range (SDR) Compatible HDR System (SL-HDR1)	33.170	2021-08
ETSI TS 103433-2 V 1.3.1	High-Performance Single Layer High Dynamic Range (HDR) System for use in Consumer Electronics devices – Part 2: Enhancements for Perceptual Quantization (PQ) transfer function based High Dynamic Range (HDR) Systems (SL-HDR2)	33.170	2021-08
ETSI TS 103433-3 V 1.2.1	High-Performance Single Layer High Dynamic Range (HDR) System for use in Consumer Electronics devices – Part 3: Enhancements for Hybrid Log Gamma (HLG) transfer function based High Dynamic Range (HDR) Systems (SL-HDR3)	33.170	2021-08
ETSI TS 103465 V 16.5.0	Smart Secure Platform (SSP) – Requirements Specification (Release 16)	35.240.15	2021-08
ETSI TS 103572 V 1.3.1	HDR Signalling and Carriage of Dynamic Metadata for Colour Volume Transform – Application #1	33.170	2021-08
ETSI TS 103586 V 1.2.1	Environmental Engineering (EE) – Liquid cooling solutions for Information and Communication Technology (ICT) infrastructure equipment	35.110; 35.160	2021-08
ETSI TS 103666-1 V 15.7.0	Smart Secure Platform (SSP) – Part 1: General characteristics (Release 15)	35.240.15	2021-08
ETSI TS 103666-1 V 16.3.0	Smart Secure Platform (SSP) – Part 1: General characteristics (Release 16)	35.240.15	2021-08
ETSI TS 103701 V 1.1.1	CYBER – Cyber Security for Consumer Internet of Things: Conformance Assessment of Baseline Requirements	33.040.99; 35.030	2021-08
ETSI TS 103724 V 2.1.1	Intelligent Transport Systems (ITS) – Facilities layer function – Interference Management Zone Message (IMZM) – Release 2	35.240.60	2021-08
ETSI TS 103757 V 2.1.1	SmartM2M – Asynchronous Contact Tracing System – Fighting pandemic disease with Internet of Things (IoT)	33.200	2021-08
ETSI TR 103775 V 1.1.1	Access, Terminals, Transmission and Multiplexing (ATTM) – Optical Distribution Network (ODN) Quick Construction and Digitalization	33.060.40	2021-08
ETSI TS 119312 V 1.4.1	Electronic Signatures and Infrastructures (ESI) – Cryptographic Suites	33.040.01	2021-08
ETSI TS 123003 V 16.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 16.7.0 Release 16)	33.070.50	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123380 V 16.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS Restoration Procedures (3GPP TS 23.380 version 16.4.0 Release 16)	33.070.50	2021-08
ETSI TS 123527 V 16.6.0	5G – 5G System – Restoration procedures (3GPP TS 23.527 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 124080 V 16.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile radio interface layer 3 supplementary services specification – Formats and coding (3GPP TS 24.080 version 16.3.0 Release 16)	33.070.50	2021-08
ETSI TS 124501 V 16.9.0	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 16.9.0 Release 16)	33.070.99	2021-08
ETSI TS 126116 V 16.3.1	Universal Mobile Telecommunications System (UMTS) – LTE – Television (TV) over 3GPP services – Video profiles (3GPP TS 26.116 version 16.3.1 Release 16)	33.070.50	2021-08
ETSI TS 126501 V 16.8.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 16.8.0 Release 16)	33.070.50	2021-08
ETSI TS 126512 V 16.3.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 16.3.0 Release 16)	33.070.50	2021-08
ETSI TS 127007 V 16.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – AT command set for User Equipment (UE) (3GPP TS 27.007 version 16.9.0 Release 16)	33.070.50	2021-08
ETSI TS 128310 V 16.5.0	5G – LTE – Management and orchestration – Energy efficiency of 5G (3GPP TS 28.310 version 16.5.0 Release 16)	33.070.50	2021-08
ETSI TS 128531 V 15.8.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 15.8.0 Release 15)	33.070.50	2021-08
ETSI TS 128531 V 16.10.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 16.10.0 Release 16)	33.070.50	2021-08
ETSI TS 128532 V 16.8.1	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 16.8.1 Release 16)	33.070.50	2021-08
ETSI TS 128535 V 16.4.0	5G – LTE – Management and orchestration – Management services for communication service assurance – Requirements (3GPP TS 28.535 version 16.4.0 Release 16)	33.070.50	2021-08
ETSI TS 128541 V 16.9.0	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 16.9.0 Release 16)	33.070.50	2021-08
ETSI TS 128552 V 16.10.0	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 16.10.0 Release 16)	33.070.50	2021-08
ETSI TS 128622 V 16.8.1	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 16.8.1 Release 16)	33.070.50	2021-08
ETSI TS 128623 V 16.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 16.8.0 Release 16)	33.070.50	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129002 V 16.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 16.3.0 Release 16)	33.070.50	2021-08
ETSI TS 129061 V 15.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 15.7.0 Release 15)	33.070.50	2021-08
ETSI TS 129061 V 16.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 16.3.0 Release 16)	33.070.50	2021-08
ETSI TS 129122 V 15.11.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 15.11.0 Release 15)	33.070.99	2021-08
ETSI TS 129122 V 16.10.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 16.10.0 Release 16)	33.070.99	2021-08
ETSI TS 129128 V 16.3.0	LTE – Universal Mobile Telecommunications System (UMTS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) interfaces for interworking with packet data networks and applications (3GPP TS 29.128 version 16.3.0 Release 16)	33.070.99	2021-08
ETSI TS 129165 V 15.13.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 15.13.0 Release 15)	33.070.50	2021-08
ETSI TS 129165 V 16.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 16.6.0 Release 16)	33.070.50	2021-08
ETSI TS 129222 V 15.9.0	5G – LTE – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 15.9.0 Release 15)	33.070.99	2021-08
ETSI TS 129222 V 16.7.0	5G – LTE – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 16.7.0 Release 16)	33.070.99	2021-08
ETSI TS 129244 V 16.8.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129274 V 16.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunneling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 16.8.0 Release 16)	33.070.50	2021-08
ETSI TS 129486 V 16.4.0	LTE – 5G – V2X Application Enabler (VAE) Services – Stage 3 (3GPP TS 29.486 version 16.4.0 Release 16)	33.070.99	2021-08
ETSI TS 129500 V 16.8.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129501 V 16.6.0	5G – 5G System – Principles and Guidelines for Services Definition – Stage 3 (3GPP TS 29.501 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 129502 V 16.8.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 16.8.0 Release 16)	33.070.99	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129503 V 15.9.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 15.9.0 Release 15)	33.070.99	2021-08
ETSI TS 129503 V 16.8.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129504 V 16.8.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129505 V 16.7.0	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 16.7.0 Release 16)	33.070.99	2021-08
ETSI TS 129507 V 16.8.0	5G – 5G System – Access and Mobility Policy Control Service – Stage 3 (3GPP TS 29.507 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129508 V 16.8.0	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129510 V 16.8.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129511 V 16.5.0	5G – 5G System – Equipment Identity Register Services – Stage 3 (3GPP TS 29.511 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 129512 V 15.11.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 15.11.0 Release 15)	33.070.99	2021-08
ETSI TS 129512 V 16.9.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 16.9.0 Release 16)	33.070.99	2021-08
ETSI TS 129513 V 16.8.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129514 V 15.10.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 15.10.0 Release 15)	33.070.99	2021-08
ETSI TS 129514 V 16.9.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 16.9.0 Release 16)	33.070.99	2021-08
ETSI TS 129515 V 16.5.0	5G – 5G System – Gateway Mobile Location Services – Stage 3 (3GPP TS 29.515 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 129517 V 16.5.0	5G – 5G System – Application Function Event Exposure Service – Stage 3 (3GPP TS 29.517 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 129518 V 15.10.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 15.10.0 Release 15)	33.070.99	2021-08
ETSI TS 129518 V 16.8.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129520 V 15.9.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 15.9.0 Release 15)	33.070.99	2021-08
ETSI TS 129520 V 16.8.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129521 V 16.8.0	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129522 V 15.8.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 15.8.0 Release 15)	33.070.99	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129522 V 16.8.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129523 V 16.5.0	5G – 5G System – Policy Control Event Exposure Service – Stage 3 (3GPP TS 29.523 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 129525 V 16.8.0	5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129526 V 16.4.0	5G – 5G System – Network Slice-Specific Authentication and Authorization (NSSAA) services – Stage 3 (3GPP TS 29.526 version 16.4.0 Release 16)	33.070.99	2021-08
ETSI TS 129531 V 15.6.0	5G – 5G System – Network Slice Selection Services – Stage 3 (3GPP TS 29.531 version 15.6.0 Release 15)	33.070.99	2021-08
ETSI TS 129531 V 16.7.0	5G – 5G System – Network Slice Selection Services – Stage 3 (3GPP TS 29.531 version 16.7.0 Release 16)	33.070.99	2021-08
ETSI TS 129540 V 16.8.0	5G – 5G System – SMS Services – Stage 3 (3GPP TS 29.540 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129541 V 16.4.0	LTE – 5G – 5G System – Network Exposure (NE) function services for Non-IP Data Delivery (NIDD) – Stage 3 (3GPP TS 29.541 version 16.4.0 Release 16)	33.070.99	2021-08
ETSI TS 129542 V 16.5.0	LTE – 5G – 5G System – Session management services for Non-IP Data Delivery (NIDD) – Stage 3 (3GPP TS 29.542 version 16.5.0 Release 16)	33.070.50	2021-08
ETSI TS 129549 V 16.3.0	5G – LTE – Service Enabler Architecture Layer for Verticals (SEAL) – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.549 version 16.3.0 Release 16)	33.070.99	2021-08
ETSI TS 129551 V 15.9.0	5G – 5G System – Packet Flow Description Management Service – Stage 3 (3GPP TS 29.551 version 15.9.0 Release 15)	33.070.99	2021-08
ETSI TS 129551 V 16.8.0	5G – 5G System – Packet Flow Description Management Service – Stage 3 (3GPP TS 29.551 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129554 V 16.7.0	5G – 5G System – Background Data Transfer Policy Control Service – Stage 3 (3GPP TS 29.554 version 16.7.0 Release 16)	33.070.99	2021-08
ETSI TS 129561 V 15.7.0	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 15.7.0 Release 15)	33.070.99	2021-08
ETSI TS 129561 V 16.8.0	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129562 V 16.5.0	5G – 5G System – Home Subscriber Server (HSS) services – Stage 3 (3GPP TS 29.562 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 129563 V 16.5.0	5G – 5G System – Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM) – Stage 3 (3GPP TS 29.563 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 129571 V 16.8.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 129572 V 16.7.0	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 16.7.0 Release 16)	33.070.99	2021-08
ETSI TS 129573 V 16.7.0	5G – 5G System – Public Land Mobile Network (PLMN) Interconnection – Stage 3 (3GPP TS 29.573 version 16.7.0 Release 16)	33.070.99	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129591 V 16.5.0	5G – 5G System – Network Exposure Function Southbound Services – Stage 3 (3GPP TS 29.591 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 129594 V 15.9.0	5G – 5G System – Spending Limit Control Service – Stage 3 (3GPP TS 29.594 version 15.9.0 Release 15)	33.070.99	2021-08
ETSI TS 129594 V 16.6.0	5G – 5G System – Spending Limit Control Service – Stage 3 (3GPP TS 29.594 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 129598 V 16.5.0	5G – Unstructured data storage services (3GPP TS 29.598 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 129673 V 16.5.0	LTE – 5G – 5G System – UE radio capability management services – Stage 3 (3GPP TS 29.673 version 16.5.0 Release 16)	33.070.50	2021-08
ETSI TS 131101 V 16.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – UICC-terminal interface – Physical and logical characteristics (3GPP TS 31.101 version 16.2.0 Release 16)	33.070.50	2021-08
ETSI TS 131102 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 16.7.0 Release 16)	33.070.50	2021-08
ETSI TS 131122 V 16.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 16.3.0 Release 16)	33.070.50	2021-08
ETSI TS 132158 V 16.3.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.3.0 Release 16)	33.070.50	2021-08
ETSI TS 132160 V 16.5.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 16.5.0 Release 16)	33.070.50	2021-08
ETSI TS 132240 V 16.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging architecture and principles (3GPP TS 32.240 version 16.3.0 Release 16)	33.070.50	2021-08
ETSI TS 132255 V 16.9.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 16.9.0 Release 16)	33.070.50	2021-08
ETSI TS 132274 V 16.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Short Message Service (SMS) charging (3GPP TS 32.274 version 16.3.0 Release 16)	33.070.50	2021-08
ETSI TS 132290 V 16.8.0	5G – Telecommunication management – Charging management – 5G system – Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 16.8.0 Release 16)	33.070.50	2021-08
ETSI TS 132291 V 16.8.1	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 16.8.1 Release 16)	33.070.50	2021-08
ETSI TS 132298 V 16.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 16.9.0 Release 16)	33.070.50	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132422 V 16.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 16.6.0 Release 16)	33.070.50	2021-08
ETSI TS 133108 V 16.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 16.4.0 Release 16)	33.070.50	2021-08
ETSI TS 133117 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – Catalogue of general security assurance requirements (3GPP TS 33.117 version 16.7.0 Release 16)	33.070.50	2021-08
ETSI TS 133127 V 16.8.0	LTE – 5G – Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 16.8.0 Release 16)	33.070.50	2021-08
ETSI TS 133128 V 15.7.0	LTE – 5G – Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 15.7.0 Release 15)	33.070.50	2021-08
ETSI TS 133128 V 16.7.0	LTE – 5G – Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 16.7.0 Release 16)	33.070.50	2021-08
ETSI TS 133180 V 14.10.0	LTE – Security of the Mission Critical (MC) service (3GPP TS 33.180 version 14.10.0 Release 14)	33.070.50	2021-08
ETSI TS 133180 V 15.10.0	LTE – Security of the Mission Critical (MC) service (3GPP TS 33.180 version 15.10.0 Release 15)	33.070.50	2021-08
ETSI TS 133180 V 16.7.0	LTE – Security of the Mission Critical (MC) service (3GPP TS 33.180 version 16.7.0 Release 16)	33.070.50	2021-08
ETSI TS 133216 V 16.6.0	LTE – Security Assurance Specification (SCAS) for the evolved Node B (eNB) network product class (3GPP TS 33.216 version 16.6.0 Release 16)	33.070.50	2021-08
ETSI TS 133220 V 16.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) (3GPP TS 33.220 version 16.4.0 Release 16)	33.070.50	2021-08
ETSI TS 133310 V 16.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 16.8.0 Release 16)	33.070.50	2021-08
ETSI TS 133501 V 15.13.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.13.0 Release 15)	33.070.50	2021-08
ETSI TS 133501 V 16.7.1	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.7.1 Release 16)	33.070.50	2021-08
ETSI TS 133511 V 16.7.0	5G – Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 16.7.0 Release 16)	33.070.50	2021-08
ETSI TS 133517 V 16.3.0	5G – 5G Security Assurance Specification (SCAS) for the Security Edge Protection Proxy (SEPP) network product class (3GPP TS 33.517 version 16.3.0 Release 16)	33.070.50	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 133536 V 16.4.0	LTE – 5G – Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services (3GPP TS 33.536 version 16.4.0 Release 16)	33.070.50	2021-08
ETSI TS 134123-3 V 15.7.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 15.7.0 Release 15)	33.070.50	2021-08
ETSI TS 134123-3 V 16.2.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 16.2.0 Release 16)	33.070.50	2021-08
ETSI TS 134229-1 V 15.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 15.8.0 Release 15)	33.070.50	2021-08
ETSI TS 134229-2 V 15.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 15.7.0 Release 15)	33.070.50	2021-08
ETSI TS 134229-3 V 15.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 15.8.0 Release 15)	33.070.50	2021-08
ETSI TS 134229-3 V 16.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 16.2.0 Release 16)	33.070.50	2021-08
ETSI TS 134229-5 V 15.4.0	5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 5: Protocol conformance specification using 5G System (5GS) (3GPP TS 34.229-5 version 15.4.0 Release 15)	33.070.50	2021-08
ETSI TS 136211 V 16.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 16.6.0 Release 16)	33.070.50	2021-08
ETSI TS 136212 V 14.16.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 14.16.0 Release 14)	33.070.50	2021-08
ETSI TS 136212 V 15.14.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 15.14.0 Release 15)	33.070.50	2021-08
ETSI TS 136212 V 16.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 16.6.0 Release 16)	33.070.50	2021-08
ETSI TS 136413 V 16.6.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.6.0 Release 16)	33.070.50	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136423 V 16.6.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.6.0 Release 16)	33.070.50	2021-08
ETSI TS 136509 V 16.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 16.1.0 Release 16)	33.070.50	2021-08
ETSI TS 136521-2 V 16.9.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 16.9.0 Release 16)	33.070.50	2021-08
ETSI TS 136523-2 V 16.9.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 16.9.0 Release 16)	33.070.50	2021-08
ETSI TS 136579-1 V 14.10.0	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 14.10.0 Release 14)	33.070.99	2021-08
ETSI TS 136579-5 V 13.8.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 13.8.0 Release 13)	33.070.99	2021-08
ETSI TS 137213 V 16.6.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 137473 V 16.5.0	LTE – 5G – W1 interface – Application Protocol (W1AP) (3GPP TS 37.473 version 16.5.0 Release 16)	33.070.50	2021-08
ETSI TS 137571-2 V 16.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 2: Protocol conformance (3GPP TS 37.571-2 version 16.8.0 Release 16)	33.070.50	2021-08
ETSI TS 137571-3 V 16.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 16.8.0 Release 16)	33.070.50	2021-08
ETSI TS 137571-4 V 15.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 15.7.0 Release 15)	33.070.50	2021-08
ETSI TS 137571-4 V 16.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 16.2.0 Release 16)	33.070.50	2021-08
ETSI TS 137571-5 V 16.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 16.5.0 Release 16)	33.070.50	2021-08
ETSI TR 137901-5 V 16.4.0	5G – Study on 5G NR User Equipment (UE) application layer data throughput performance (3GPP TR 37.901-5 version 16.4.0 Release 16)	33.070.99	2021-08
ETSI TS 138211 V 15.9.0	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 15.9.0 Release 15)	33.070.99	2021-08
ETSI TS 138211 V 16.6.0	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138212 V 15.11.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 15.11.0 Release 15)	33.070.99	2021-08

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ETSI TS 138212 V 16.6.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138213 V 15.14.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 15.14.0 Release 15)	33.070.99	2021-08
ETSI TS 138213 V 16.6.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138214 V 15.13.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 15.13.0 Release 15)	33.070.99	2021-08
ETSI TS 138214 V 16.6.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138401 V 16.6.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138413 V 15.12.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 15.12.0 Release 15)	33.070.99	2021-08
ETSI TS 138413 V 16.6.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138415 V 15.3.0	5G – NG-RAN – PDU session user plane protocol (3GPP TS 38.415 version 15.3.0 Release 15)	33.070.99	2021-08
ETSI TS 138415 V 16.5.0	5G – NG-RAN – PDU session user plane protocol (3GPP TS 38.415 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 138423 V 15.12.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.12.0 Release 15)	33.070.99	2021-08
ETSI TS 138423 V 16.6.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138455 V 15.4.0	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 15.4.0 Release 15)	33.070.99	2021-08
ETSI TS 138455 V 16.4.0	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 16.4.0 Release 16)	33.070.99	2021-08
ETSI TS 138463 V 16.6.0	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138470 V 15.8.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 15.8.0 Release 15)	33.070.99	2021-08
ETSI TS 138470 V 16.5.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 16.5.0 Release 16)	33.070.99	2021-08
ETSI TS 138473 V 15.14.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 15.14.0 Release 15)	33.070.99	2021-08
ETSI TS 138473 V 16.6.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.6.0 Release 16)	33.070.99	2021-08
ETSI TS 138508-1 V 16.8.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 1: Common test environment (3GPP TS 38.508-1 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 138508-2 V 16.8.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 2: Common Implementation Conformance Statement (ICS) proforma (3GPP TS 38.508-2 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 138509 V 15.11.0	5G – LTE – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 15.11.0 Release 15)	33.070.99	2021-08
ETSI TS 138509 V 16.1.0	5G – LTE – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 16.1.0 Release 16)	33.070.99	2021-08
ETSI TS 138521-1 V 16.8.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Range 1 standalone (3GPP TS 38.521-1 version 16.8.0 Release 16)	33.070.99	2021-08

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ETSI TS 138521-2 V 15.4.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Range 2 standalone (3GPP TS 38.521-2 version 15.4.0 Release 15)	33.070.99	2021-08
ETSI TS 138521-3 V 16.8.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.521-3 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 138521-4 V 15.2.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 15.2.0 Release 15)	33.070.99	2021-08
ETSI TS 138521-4 V 16.8.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 138522 V 16.8.0	5G – NR – User Equipment (UE) conformance specification – Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 138523-1 V 15.5.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 1: Protocol (3GPP TS 38.523-1 version 15.5.0 Release 15)	33.070.99	2021-08
ETSI TS 138523-2 V 15.5.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 15.5.0 Release 15)	33.070.99	2021-08
ETSI TS 138523-3 V 15.11.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.11.0 Release 15)	33.070.99	2021-08
ETSI TS 138533 V 15.2.0	5G – NR – User Equipment (UE) conformance specification – Radio Resource Management (RRM) (3GPP TS 38.533 version 15.2.0 Release 15)	33.070.99	2021-08
ETSI TR 138903 V 15.4.0	5G – NR – Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.4.0 Release 15)	33.070.99	2021-08
ETSI TR 138903 V 16.8.0	5G – NR – Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TR 138905 V 16.8.0	5G – NR – Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 16.8.0 Release 16)	33.070.99	2021-08
ETSI TS 143020 V 11.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 11.3.0 Release 11)	33.070.50	2021-08
ETSI TS 143020 V 12.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 12.2.0 Release 12)	33.070.50	2021-08
ETSI TS 143020 V 13.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 13.7.0 Release 13)	33.070.50	2021-08
ETSI TS 143020 V 14.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 14.4.0 Release 14)	33.070.50	2021-08
ETSI TS 143020 V 15.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 15.1.0 Release 15)	33.070.50	2021-08
ETSI TS 143020 V 16.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 16.1.0 Release 16)	33.070.50	2021-08

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ETSI ES 201873-1 V 4.13.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 1: TTCN-3 Core Language	33.020; 35.100.60	2021-08
ETSI GS ARF 004-2 V 1.1.1	Augmented Reality Framework (ARF) Interoperability Requirements for AR components, systems and services Part 2: World Storage and AR Authoring functions	35.040.40; 35.140	2021-08
ETSI GR CDM 006 V 1.1.1	Common information sharing environment service and Data Model (CDM) – Analysis for the specifications of a testing suite for the Common Information Sharing Environment (CISE) – Preliminary analysis	35.240.60	2021-08
ETSI GR ENI 017 V 2.1.1	Experiential Networked Intelligence (ENI) – Overview of Prominent Control Loop Architectures	35.080; 35.110	2021-08
ETSI GR ENI 018 V 2.1.1	Experiential Networked Interelligence (ENI) – Introduction to Artificial Intelligence Mechanisms for Modular Systems	35.080; 35.110	2021-08
ETSI GR IPE 001 V 1.1.1	IPv6 Enhanced Innovation (IPE) – Gap Analysis	35.240.95	2021-08
ETSI GR NFV-IFA041 V 4.1.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Report on enabling autonomous management in NFV-MANO	35.110	2021-08
ETSI GR PDL 010 V 1.1.1	PDL Operations in Offline Mode	35.240.99	2021-08
ETSI GR SAI 002 V 1.1.1	Securing Artificial Intelligence (SAI) – Data Supply Chain Security	35.030; 35.240.01	2021-08
EN 301192 V 1.7.1	Digital Video Broadcasting (DVB) – DVB specification for data broadcasting	33.170	2021-08

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 567	Coke – Determination of bulk density in a small container	75.160.10	2021-08
ISO 787-2	General methods of test for pigments and extenders – Part 2: Determination of matter volatile at 105 °C	87.060.10	2021-08
ISO 1247-1	Aluminium pigments for paints – Part 1: General aluminium pigments	87.060.10	2021-08
ISO 1247-2	Aluminium pigments for paints – Part 2: Vacuum metallized aluminium pigments	87.060.10	2021-08
ISO 2403	Textiles – Cotton fibres – Determination of micronaire value	59.060.10	2021-08
ISO 2889	Sampling airborne radioactive materials from the stacks and ducts of nuclear facilities	13.280	2021-08
ISO 3031	Rolling bearings – Thrust needle roller and cage assemblies, thrust washers – Boundary dimensions, geometrical product specifications (GPS) and tolerance values	21.100.20	2021-08
ISO/TS 3250	Petroleum, petrochemical and natural gas industries – Calculation and reporting production efficiency in the operating phase	75.020	2021-08
ISO 4000-1	Passenger car tyres and rims – Part 1: Tyres (metric series)	83.160.10	2021-08
ISO/TR 4286	Intelligent transport systems – Use cases for sharing of probe data	03.220.01; 35.240.60	2021-08
ISO 4568	Ships and marine technology – Sea-going vessels – Windlasses and anchor capstans	47.040	2021-08
ISO/TR 4644	Nickels, ferronickels and nickel alloys – Standards for the determination of chemical composition	77.120.40	2021-08
ISO 4647	Rubber, vulcanized – Determination of static adhesion to textile cord – H-pull test	83.060	2021-08
ISO 4779	Chain components for lifting purposes – Forged eye hook with point and latch – Grade 4, stainless steel, solution annealed	53.020.30	2021-08
ISO 4892-2 AMD 1	Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps – Amendment 1: Classification of daylight filters	83.080.01	2021-08
ISO 5470-2	Rubber- or plastics-coated fabrics – Determination of abrasion resistance – Part 2: Martindale abrader	59.080.40	2021-08
ISO/TR 5729	Evaluation of physical parameters of filter paper substrates for the determination of the ignition propensity of cigarettes	13.220.40; 65.160	2021-08
ISO/TS 6521-2	Lubricants, industrial oils and related products (Class L) – Family D (Compressors) – Part 2: Specifications of categories DAG, DAH and DAJ (Lubricants for flooded rotary air compressors)	75.100	2021-08
ISO 6622-1	Internal combustion engines – Piston rings – Part 1: Rectangular rings made of cast iron	27.020	2021-08
ISO 6717	In vitro diagnostic medical devices – Single-use containers for the collection of specimens from humans other than blood	11.100.10	2021-08
ISO 6888-1	Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species) – Part 1: Method using Baird-Parker agar medium	07.100.30	2021-08
ISO 6888-2	Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species) – Part 2: Method using rabbit plasma fibrinogen agar medium	07.100.30	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 7299-2	Diesel engines – End-mounting flanges for pumps – Part 2: High-pressure supply pumps for common rail fuel injection systems	43.060.40	2021-08
ISO 7539-9	Corrosion of metals and alloys – Stress corrosion testing – Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement	77.060	2021-08
ISO 7668	Anodizing of aluminium and its alloys – Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20°, 45°, 60° or 85°	25.220.20	2021-08
ISO/TR 9901	Solar energy – Pyranometers – Recommended practice for use	27.160	2021-08
ISO 10079-4	Medical suction equipment – Part 4: General requirements	11.040.10	2021-08
ISO 10191	Passenger car tyres – Verifying tyre capabilities – Laboratory test methods	83.160.10	2021-08
ISO 10261	Earth-moving machinery – Product identification numbering system	53.100	2021-08
ISO 10360-10	Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring systems (CMS) – Part 10: Laser trackers	17.040.30	2021-08
ISO 10522	Agricultural irrigation equipment – Direct-acting pressure-regulating valves	65.060.35	2021-08
ISO 10819 AMD 2	Mechanical vibration and shock – Hand-arm vibration – Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand; Amendment 2	13.160; 13.340.40	2021-08
ISO 11009	Petroleum products and lubricants – Determination of water washout characteristics of lubricating greases	75.100	2021-08
ISO 11125-9	Preparation of steel substrates before application of paints and related products – Test methods for metallic blast-cleaning abrasives – Part 9: Wear testing and performance	25.220.10	2021-08
ISO 11540	Writing and marking instruments – Specification for caps to reduce the risk of asphyxiation	97.180; 97.190	2021-08
ISO 11855-1	Building environment design – Embedded radiant heating and cooling systems – Part 1: Definitions, symbols, and comfort criteria	91.040.01	2021-08
ISO 11855-3	Building environment design – Embedded radiant heating and cooling systems – Part 3: Design and dimensioning	91.040.01	2021-08
ISO 11855-4	Building environment design – Embedded radiant heating and cooling systems – Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS)	91.040.01	2021-08
ISO 11855-5	Building environment design – Embedded radiant heating and cooling systems – Part 5: Installation	91.040.01	2021-08
ISO 11901-3	Tools for pressing – Gas springs – Part 3: Gas spring with increased spring force and compact built height	25.120.10	2021-08
ISO 11901-4	Tools for pressing – Gas springs – Part 4: Gas springs with increased spring force and same built height	25.120.10	2021-08
ISO 12219-1	Interior air of road vehicles – Part 1: Whole vehicle test chamber – Specification and method for the determination of volatile organic compounds in cabin interiors	13.040.20; 43.020	2021-08
ISO 12625-7	Tissue paper and tissue products – Part 7: Determination of optical properties – Measurement of brightness and colour with D65/10° (outdoor daylight)	85.080.20	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 13000-1	Plastics – Polytetrafluoroethylene (PTFE) semi-finished products – Part 1: Requirements and designation	83.140.01	2021-08
ISO 13000-2	Plastics – Polytetrafluoroethylene (PTFE) semi-finished products – Part 2: Preparation of test specimens and determination of properties	83.140.01	2021-08
ISO 13091-2	Mechanical vibration – Vibrotactile perception thresholds for the assessment of nerve dysfunction – Part 2: Analysis and interpretation of measurements at the fingertips	13.160	2021-08
ISO 13493	Meat and meat products – Determination of chloramphenicol content – Reference method	67.120.10	2021-08
ISO 13496	Meat and meat products – Detection and determination of colouring agents	67.120.10	2021-08
ISO 13988	Passenger car and light truck vehicle wheels – Clip and adhesive balance weight and rim flange nomenclature, test procedures and performance requirements	43.040.50	2021-08
ISO 14298	Graphic technology – Management of security printing processes	37.100.01	2021-08
ISO 14533-2	Processes, data elements and documents in commerce, industry and administration – Long term signature – Part 2: Profiles for XML Advanced Electronic Signatures (XAdES)	35.240.63	2021-08
ISO 14620-3	Space systems – Safety requirements – Part 3: Flight safety systems	49.140	2021-08
ISO 15177	Hot-rolled twin-roll cast steel sheet of commercial quality	77.140.50	2021-08
ISO 15230-1	Mechanical vibration and shock – Coupling forces at the man-machine interface for hand-transmitted vibration – Part 1: Measurement and evaluation	13.160	2021-08
ISO 15590-2	Petroleum and natural gas industries – Factory bends, fittings and flanges for pipeline transportation systems – Part 2: Fittings	75.200	2021-08
ISO 16000-6	Indoor air – Part 6: Determination of organic compounds (VVOC, VOC, SVOC) in indoor and test chamber air by active sampling on sorbent tubes, thermal desorption and gas chromatography using MS or MS FID	13.040.20	2021-08
ISO 16438	Agricultural irrigation equipment – Thermoplastic collapsible hoses for irrigation – Specifications and test methods	65.060.35	2021-08
ISO 16632	Tobacco and tobacco products – Determination of water content – Gas-chromatographic method	65.160	2021-08
ISO 16684-3	Graphic technology – Extensible metadata platform (XMP) specification – Part 3: JSON-LD serialization of XMP	35.240.30; 37.100.99	2021-08
ISO 16900-6	Respiratory protective devices – Methods of test and test equipment – Part 6: Mechanical resistance/strength of components and connections	13.340.30	2021-08
ISO/TR 17400	Space systems – Space launch complexes, integration sites and other facilities – General testing guidelines	49.140	2021-08
ISO/TS 17573-3	Electronic fee collection – System architecture for vehicle-related tolling – Part 3: Data dictionary	03.220.20; 35.240.60	2021-08
ISO 17721-1	Quantitative determination of antibacterial activity of ceramic tile surfaces – Test methods – Part 1: Ceramic tile surfaces with incorporated antibacterial agents	91.100.23	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 17721-2	Quantitative determination of antibacterial activity of ceramic tile surfaces – Test methods – Part 2: Ceramic tile surfaces with incorporated photocatalytic antibacterial agents	91.100.23	2021-08
ISO 17892-12 AMD 1	Geotechnical investigation and testing – Laboratory testing of soil – Part 12: Determination of liquid and plastic limits; Amendment 1	13.080.20; 93.020	2021-08
ISO 18063-2	Rough-terrain trucks – Visibility test methods and their verification – Part 2: Slewing rough-terrain variable-reach trucks	53.060	2021-08
ISO 18193	Cardiovascular implants and artificial organs – Cannulae for extracorporeal circulation	11.040.40	2021-08
ISO 18363-4	Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 4: Method using fast alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol by GC-MS/MS	67.200.10	2021-08
ISO 18436-1	Condition monitoring and diagnostics of machine systems – Requirements for certification of personnel – Part 1: Sector specific requirements for certification bodies and the certification process	03.100.30; 17.160	2021-08
ISO 18513	Tourism services – Hotels and other types of tourism accommodation – Vocabulary	01.040.03; 03.080.30	2021-08
ISO 18646-4	Robotics – Performance criteria and related test methods for service robots – Part 4: Lower-back support robots	25.040.30	2021-08
ISO 18669-1	Internal combustion engines – Piston pins – Part 1: General specifications	43.060.10	2021-08
ISO 18804	Rims for agricultural, forestry and construction machines	83.160.30	2021-08
ISO 19880-8 AMD 1	Gaseous hydrogen – Fuelling stations – Part 8: Fuel quality control – Amendment 1: Alignment with Grade D of ISO 14687	43.060.40; 71.100.20	2021-08
ISO/TR 20342-7	Assistive products for tissue integrity when lying down – Part 7: Foam properties, characteristics and performance	11.180.01	2021-08
ISO 21392	Cosmetics – Analytical methods – Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique	71.100.70	2021-08
ISO/TS 21480	Glass in building – General technical requirements of building integrated photovoltaic modules recycling	81.040.20	2021-08
ISO 21563	Dentistry – Hydrocolloid impression materials	11.060.10	2021-08
ISO/TS 21633	Label-free impedance technology to assess the toxicity of nanomaterials in vitro	07.120	2021-08
ISO 21917	Anaesthetic and respiratory equipment – Voice prostheses	11.040.10; 11.040.40	2021-08
ISO 21922	Refrigerating systems and heat pumps – Valves – Requirements, testing and marking	27.080; 27.200	2021-08
ISO 21955	Acoustics – Experimental method for transposition of dynamic forces generated by an active component from a test bench to a receiving structure	17.140.20	2021-08
ISO 22074-7	Railway infrastructure – Rail fastening systems – Part 7: Test method for clamping force and uplift stiffness	45.080	2021-08
ISO/TS 22393	Security and resilience – Community resilience – Guidelines for planning recovery and renewal	03.100.01	2021-08
ISO 22514-7	Statistical methods in process management – Capability and performance – Part 7: Capability of measurement processes	03.120.30	2021-08

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ISO 22753	Molecular biomarker analysis – Method for the statistical evaluation of analytical results obtained in testing sub-sampled groups of genetically modified seeds and grains – General requirements	67.050	2021-08
ISO 22762-5	Elastomeric seismic-protection isolators – Part 5: Sliding seismic-protection isolators for buildings	83.140.99; 91.120.25	2021-08
ISO 22876	Tourism and related services – Bareboat charter – Supplementary charter services and experiences	03.080.30; 03.200.01	2021-08
ISO 22940	Solid recovered fuels – Determination of elemental composition by X-ray fluorescence	75.160.10	2021-08
ISO 22958	Textiles – Water resistance – Rain tests: exposure to a horizontal water spray	59.080.01	2021-08
ISO 23033	Biotechnology – Analytical methods – General requirements and considerations for the testing and characterization of cellular therapeutic products	07.080	2021-08
ISO/TS 23034	Nanotechnologies – Method to estimate cellular uptake of carbon nanomaterials using optical absorption	07.120	2021-08
ISO 23081-2	Information and documentation – Metadata for managing records – Part 2: Conceptual and implementation issues	01.140.20	2021-08
ISO 23300-1	Railway infrastructure – Rail welding – Part 1: General requirements and test methods for rail welding	45.080	2021-08
ISO 23468	Reactor technology – Power reactor analyses and measurements – Determination of heavy water isotopic purity by Fourier transform infrared spectroscopy	27.120.10	2021-08
ISO 23472-3	Foundry machinery – Vocabulary – Part 3: Die casting machines and other equipment related to permanent mold casting process	01.040.25; 01.040.77; 25.120.30; 77.180	2021-08
ISO 23641	Flexible cellular polymeric materials – Determination of antibacterial effectiveness	83.100	2021-08
ISO 23723	Traditional Chinese medicine – General requirements for herbal raw material and materia medica	11.120.10	2021-08
ISO 23737	Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods for evaluating wear and friction characteristics of fine ceramic thin films under dry and humid conditions	81.060.30	2021-08
ISO 23739	Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods for chemical analysis of zirconium oxide powders	81.060.30	2021-08
ISO/TR 23750	Cosmetics – Answers to frequently asked questions on ingredients and product characterization according to ISO 16128-1 and ISO 16128-2	71.100.70	2021-08
ISO/TS 23758	Guidelines for the validation of qualitative screening methods for the detection of residues of veterinary drugs in milk and milk products	67.100.01	2021-08
ISO/TS 23818-2	Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines – Part 2: Resin-fibre composite (RFC) material	23.040.20	2021-08
ISO 23959	Traditional Chinese medicine – Glehnia littoralis root	11.120.10	2021-08
ISO 24234	Dentistry – Dental amalgam	11.060.10	2021-08
ISO 24617-11	Language resource management – Semantic annotation framework (SemAF) – Part 11: Measurable quantitative information (MQI)	01.020	2021-08
ISO 30023	Textiles – Qualification symbols for labelling workwear to be industrially laundered	59.080.01	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TR 32220	Sustainable finance – Basic concepts and key initiatives	01.040.03; 01.040.13; 03.060; 13.020.20	2021-08
ISO 37169	Smart community infrastructures – Smart transportation by run-through train/bus operation in/between cities	03.220.01; 13.020.20	2021-08
ISO 37180	Smart community infrastructures – Guidance on smart transportation with QR code identification and authentication in transportation and its related or additional services	03.220.01; 13.020.20; 35.040.50	2021-08
ISO 80601-2-90	Medical electrical equipment – Part 2-90: Particular requirements for basic safety and essential performance of respiratory high-flow therapy equipment	11.040.10	2021-08

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/PAS 63406	Draft proposal for a PAS on Intelligent Information Request and Delivery Specification (IIRDS) – A Process Model for Information Architecture	01.110; 29.020; 35.240.01	2021-08
IEC 60050-561 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection; Amendment 4	01.040.29; 01.040.31; 29.020; 31.140	2021-08
IEC 60095-2	Lead-acid starter batteries – Part 2: Dimensions of batteries and dimensions and marking of terminals	29.220.20; 43.040.10	2021-08
IEC 60335-2-89 Corrigendum 2	Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor; Corrigendum 2	97.040.30; 97.130.20	2021-08
IEC 60335-2-118 Corrigendum 1	Household and similar electrical appliances – Safety – Part 2-118: Particular requirements for professional ice-cream makers; Corrigendum 1	67.260; 97.040.99	2021-08
IEC 60335-2-119	Household and similar electrical appliances – Safety – Part 2-119: Particular requirements for commercial vacuum packaging appliances	13.120; 97.030	2021-08
IEC 60674-3-1	Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 1: Biaxially oriented polypropylene (PP) films for capacitors	29.035.20	2021-08
IEC 60695-2-13	Fire hazard testing – Part 2-13: Glowing/hot-wire based test methods – Glow-wire ignition temperature (GWIT) test method for materials	13.220.40; 29.020	2021-08
IEC 60695-6-1	Fire hazard testing – Part 6-1: Smoke obscuration – General guidance	13.220.40; 13.220.99; 29.020	2021-08
IEC 60695-9-2	Fire hazard testing – Part 9-2: Surface spread of flame – Summary and relevance of test methods	13.220.40; 29.020	2021-08
IEC 60700-2 AMD 1	Thyristor valves for high voltage direct current (HVDC) power transmission – Part 2: Terminology; Amendment 1	01.040.29; 01.040.31; 29.200; 31.080.20	2021-08
IEC 60700-2 Edition 1.1	Thyristor valves for high voltage direct current (HVDC) power transmission – Part 2: Terminology	01.040.29; 01.040.31; 29.200; 31.080.20	2021-08
IEC 60839-11-33	Alarm and electronic security systems – Part 11-33: Electronic access control systems – Access control configuration based on Web services	13.320	2021-08
IEC 61000-3-2 AMD 1 Interpretation Sheet 1	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current \leq 16 A per phase); Interpretation Sheet 1	33.100.10	2021-08
IEC/TS 61044	Opportunity charging of lead-acid traction batteries	29.220.20; 29.220.99	2021-08
IEC 61169-54	Radio-frequency connectors – Part 54: Sectional specification for coaxial connectors with 10 mm inner diameter of outer conductor, nominal characteristic impedance 50 Ω , series 4,3-10	33.120.30	2021-08
IEC 61196-6	Coaxial communication cables – Part 6: Sectional specification for CATV drop cables	33.120.10	2021-08
IEC 61196-6-1	Coaxial communication cables – Part 6-1: Blank detail specification for CATV drop cables	33.120.10	2021-08
IEC 61196-7	Coaxial communication cables – Part 7: Sectional specification for cables for BCT cabling in accordance with ISO/IEC 11801-4 – Indoor drop cables for systems operating at 5 MHz – 6000 MHz	33.120.10	2021-08
IEC/TS 61340-5-4	Electrostatics – Part 5-4: Protection of electronic devices from electrostatic phenomena – Compliance verification	17.220.20; 17.220.99; 29.020; 31.020	2021-08

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IEC 61788-23	Superconductivity – Part 23: Residual resistance ratio measurement – Residual resistance ratio of cavity-grade Nb superconductors	17.220.01; 29.050	2021-08
IEC/TR 62001-5	High-voltage direct current (HVDC) systems – Guidance to the specification and design evaluation of AC filters – Part 5: AC side harmonics and appropriate harmonic limits for HVDC systems with voltage sourced converters (VSC)	29.200; 31.160	2021-08
IEC/TR 62039	Selection guidelines for polymeric materials for outdoor use under HV stress	29.035.20; 29.080.10	2021-08
IEC 62153-4-5	Metallic communication cable test methods – Part 4-5: Electromagnetic compatibility (EMC) – Screening or coupling attenuation – Absorbing clamp method	33.100.10; 33.120.10	2021-08
IEC 62153-4-15	Metallic cables and other passive components test methods – Part 4-15: Electromagnetic compatibility (EMC) – Test method for measuring transfer impedance and screening attenuation – or coupling attenuation with triaxial cell	33.100.10; 33.120.10	2021-08
IEC 62153-4-16	Metallic cables and other passive components test methods – Part 4-16: Electromagnetic compatibility (EMC) – Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up	33.100.10; 33.120.10	2021-08
IEC 62321-2	Determination of certain substances in electrotechnical products – Part 2: Disassembly, disjointment and mechanical sample preparation	13.020.01; 29.020; 43.040.10	2021-08
IEC 62321-9	Determination of certain substances in electrotechnical products – Part 9: Hexabromocyclododecane in polymers by gas chromatography-mass spectrometry (GCMS)	13.020.01; 29.020; 43.040.10	2021-08
IEC 62435-9	Electronic components – Long-term storage of electronic semiconductor devices – Part 9: Special cases	31.020; 31.200	2021-08
IEC 62605	Multimedia systems and equipment – Multimedia e-publishing and e-books – Interchange format for e-dictionaries	33.160.60; 35.240.20; 35.240.30	2021-08
IEC 62742	Electrical and electronic installations in ships – Electromagnetic compatibility (EMC) – Ships with a non-metallic hull	47.020.60	2021-08
IEC 62841-4-5	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-5: Particular requirements for grass shears	25.140.20; 65.060.70	2021-08
IEC 62899-503-3	Printed electronics – Part 503-3: Quality assessment – Measuring method of contact resistance for the printed thin film transistor – Transfer length method	29.045; 31.080.30; 31.180	2021-08
IEC 62922 AMD 1	Organic light emitting diode (OLED) panels for general lighting – Performance requirements; Amendment 1	29.140.99; 31.260	2021-08
IEC 62922 Edition 1.1	Organic light emitting diode (OLED) panels for general lighting – Performance requirements	29.140.99; 31.260	2021-08
IEC/TS 63042-102	UHV AC transmission systems – Part 102: General system design	29.240.01; 29.240.10	2021-08
IEC 63087-1	Assistive listening devices and systems for active assisted living – Part 1: General	13.180; 33.160.30; 33.160.99	2021-08
IEC 63186	Nuclear power plants – Instrumentation and control systems important to safety Criteria for seismic trip system	27.120.20	2021-08
IEC SRD 63200	Definition of extended SGAM smart energy grid reference architecture model	27.010; 29.020; 35.240.99	2021-08

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IEC 63218	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium, nickel cadmium and nickel-metal hydride cells and batteries for portable applications – Guidance on environmental aspects	29.220.30	2021-08
IEC 63246-1	Configurable car infotainment services (CCIS) – Part 1: General	33.160.60; 43.040.15	2021-08
IEC 63287-1	Semiconductor devices – Generic semiconductor qualification guidelines – Part 1: Guidelines for IC reliability qualification	31.080.01	2021-08
ISO/IEC 5962	Information technology – SPDX® Specification V2.2.1	35.080	2021-08
ISO/IEC 5965	Information technology – Swordfish Scalable Storage Management API Specification	35.020	2021-08
ISO/IEC 7816-8	Identification cards – Integrated circuit cards – Part 8: Commands and mechanisms for security operations	35.240.15	2021-08
ISO/IEC 19075-1	Information technology – Guidance for the use of database language SQL – Part 1: XQuery regular expressions	35.060	2021-08
ISO/IEC 19075-2	Information technology – Guidance for the use of database language SQL – Part 2: Time-related information	35.060	2021-08
ISO/IEC 19075-3	Information technology – Guidance for the use of database language SQL – Part 3: SQL embedded in programs using the Java™ programming language	35.060	2021-08
ISO/IEC 19075-4	Information technology – Guidance for the use of database language SQL – Part 4: Routines and types using the Java™ programming language	35.060	2021-08
ISO/IEC 19075-5	Information technology – Guidance for the use of database language SQL – Part 5: Row pattern recognition	35.060	2021-08
ISO/IEC 19075-6	Information technology – Guidance for the use of database language SQL – Part 6: Support for JSON	35.060	2021-08
ISO/IEC 19075-7	Information technology – Guidance for the use of database language SQL – Part 7: Polymorphic table functions	35.060	2021-08
ISO/IEC 19075-8	Information technology – Guidance for the use of database language SQL – Part 8: Multidimensional arrays	35.060	2021-08
ISO/IEC TS 20000-11	Information technology – Service management – Part 11: Guidance on the relationship between ISO/IEC 20000-1 and service management frameworks: ITIL®	03.080.99; 35.020	2021-08
ISO/IEC 20830	Information technology – Automatic identification and data capture techniques – Han Xin Code bar code symbology specification	35.040.50	2021-08
ISO/IEC 21794-2 AMD 1	Information technology – Plenoptic image coding system (JPEG Pleno) – Part 2: Light field coding – Amendment 1: Profiles and levels for JPEG Pleno light field coding system	35.040.30	2021-08
ISO/IEC 21838-1	Information technology – Top-level ontologies (TLO) – Part 1: Requirements	01.040.35; 35.060	2021-08
ISO/IEC 29142-1	Information technology – Print cartridge characterization – Part 1: General: terms, symbols, notations and cartridge characterization framework	37.100.10	2021-08
ISO/IEC 29500-2	Document description and processing languages – Office Open XML file formats – Part 2: Open packaging conventions	35.060; 35.240.30	2021-08
ISO/IEC TR 30117	Information technology – Standards and applications for the integration of biometrics and integrated circuit cards (ICCs)	35.240.15	2021-08

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 30134-6	Information technology – Data centres key performance indicators – Part 6: Energy Reuse Factor (ERF)	35.020	2021-08