

# Hrvatski zavod za norme

## Oglasnik za normativne dokumente

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

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

Izdavač:



HZN

**Hrvatski zavod za norme**  
Croatian Standards Institute

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# 1 Rezultati hrvatske normizacije

## 1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova tri načina:

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

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

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

HRN EN ISO 12625-12:2023 en pr  
Tanki upijajući papir i proizvodi od tankoga upijajućeg papira – 12. dio: Određivanje prekidne čvrstoće na perforaciji – Izračun učinkovitosti perforacije (ISO 12625-12:2023; EN ISO 12625-12:2023)  
Tissue paper and tissue products – Part 12: Determination of tensile strength of perforated lines – Calculation of perforation efficiency (ISO 12625-12:2023; EN ISO 12625-12:2023)

### HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 14972-6:2023 en pr  
Stabilni protupožarni sustavi – Sustavi vodene magle – 6. dio: Protokol ispitivanja za lažne podove i lažne stropove za sustave s automatskim mlaznicama (EN 14972-6:2023)  
Fixed firefighting systems – Water mist systems – Part 6: Test protocol for false floors and false ceilings for automatic nozzle systems (EN 14972-6:2023)

HRN EN 14972-11:2023 en pr  
Stabilni protupožarni sustavi – Sustavi vodene magle – 11. dio: Protokol ispitivanja za kabelske tunele za sustave otvorenih mlaznica (EN 14972-11:2023)  
Fixed firefighting systems – Water mist systems – Part 11: Test protocol for cable tunnels for open nozzle systems (EN 14972-11:2023)

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

HRN EN 15940:2023 en pr  
Goriva za motorna vozila – Parafinska dizelska goriva dobivena sintezom ili hidroobradom – Zahtjevi i metode ispitivanja (EN 15940:2023)  
Automotive fuels – Paraffinic diesel fuel from synthesis or hydrotreatment – Requirements and test methods (EN 15940:2023)

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

HRN EN ISO 17663:2023 en pr  
Zavarivanje – Zahtjevi za kvalitetu toplinske obrade u vezi sa zavarivanjem i srodnim postupcima (ISO 17663:2023; EN ISO 17663:2023)  
Welding – Quality requirements for heat treatment in connection with welding and allied processes (ISO 17663:2023; EN ISO 17663:2023)

HRN EN ISO 18274:2023 en pr  
Dodatni i potrošni materijali za zavarivanje – Elektrode od pune žice, trakaste elektrode, pune žice i pune šipke za zavarivanje taljenjem nikla i legura nikla – Razredba (ISO 18274:2023; EN ISO 18274:2023)  
Welding consumables – Solid wire electrodes, solid strip electrodes, solid wires and solid rods for fusion welding of nickel and nickel alloys – Classification (ISO 18274:2023; EN ISO 18274:2023)

HRN EN ISO 25980:2023 en pr  
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Prozirni zastori za zavarivanje, trake i zasloni za postupke elektrolučnog zavarivanja (ISO 25980:2023; EN ISO 25980:2023)  
Health and safety in welding and allied processes – Transparent welding curtains, strips and screens for arc welding processes (ISO 25980:2023; EN ISO 25980:2023)

### HZN/TO 71, *Beton*

HRN 1128:2023 hr izv  
Beton – Nacionalni zahtjevi uz normu HRN EN 206:2021  
Concrete – National requirements to HRN EN 206:2021

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

HRN EN ISO 6369:2023 en pr  
Ledomati za komercijalnu upotrebu – Klasifikacija, zahtjevi i uvjeti ispitivanja (ISO 6369:2023; EN ISO 6369:2023)  
Ice makers for commercial use – Classification, requirements and test conditions (ISO 6369:2023; EN ISO 6369:2023)

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

HRN EN ISO 19156:2023 en pr  
Geoinformacije – Promatranja, mjerenja i uzorci (ISO 19156:2023; EN ISO 19156:2023)  
Geographic information – Observations, measurements and samples (ISO 19156:2023; EN ISO 19156:2023)

### HZN/TO 502, *Plinski uređaji*

HRN EN 30-1-2:2023 en pr  
Plinski uređaji za kuhanje za kućanstva – Sigurnost – Dio 1-2: Uređaji s prisilnom cirkulacijom zraka u pećnicama (EN 30-1-2:2023)  
Domestic cooking appliances burning gas – Safety – Part 1-2: Appliances having forced-convection ovens (EN 30-1-2:2023)

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

HRN EN 10225-3:2023 en pr  
Zavarljivi konstrukcijski čelici za nepomične odobalne konstrukcije – Tehnički uvjeti isporuke – 3. dio: Toplo oblikovani šuplji profili (EN 10225-3:2019+A1:2023)  
Weldable structural steels for fixed offshore structures – Technical delivery conditions – Part 3: Hot finished hollow sections (EN 10225-3:2019+A1:2023)

### HZN/TO 513, *Mjerne jedinice i mjerila*

HRN EN 17694-1:2023 en pr  
Hydrometry – Minimum performance requirements and test procedures for water monitoring equipment – Devices for the determination of flow – Part 1: Open channel instrumentation (EN 17694-1:2023)

HRN EN 17694-2:2023 en pr  
Hydrometry – Minimum performance requirements and test procedures for water monitoring equipment – Devices for the determination of flow – Part 2: Closed conduit instrumentation (EN 17694-2:2023)

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

HRN EN 607:2023 en pr  
Oluci i spojnice izrađeni od PVC-U – Definicije, zahtjevi i ispitivanja (EN 607:2023)  
Eaves gutters and fittings made of PVC-U – Definitions, requirements and testing (EN 607:2023)

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

HRN EN 15355:2023 en pr  
Željeznički sustav – Kočenje – Rasporednici i pripadajući izolacijski uređaji (EN 15355:2019+A1:2023)  
Railway applications – Braking – Distributor valves and distributor-isolating devices (EN 15355:2019+A1:2023)

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

HRN EN 12758:2023 en pr  
Staklo u graditeljstvu – Ostakljenje i izolacija od zvuka prenošenog zrakom – Opisi proizvoda, određivanje svojstava i proširena pravila (EN 12758:2019+A1:2023)  
Glass in building – Glazing and airborne sound insulation – Product descriptions, determination of properties and extension rules (EN 12758:2019+A1:2023)

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

HRN EN ISO 10993-15:2023 en pr  
Biološka procjena medicinskih proizvoda – 15. dio: Identifikacija i količinsko određivanje istrošenosti proizvoda od metala i slitina (ISO 10993-15:2019; EN ISO 10993-15:2023)  
Biological evaluation of medical devices – Part 15: Identification and quantification of degradation products from metals and alloys (ISO 10993-15:2019; EN ISO 10993-15:2023)

## **HZN/TO 557, Zaštitna odjeća**

HRN EN ISO 11610:2023 en pr  
Zaštitna odjeća – Rječnik (ISO 11610:2023; EN ISO 11610:2023)  
Protective clothing – Vocabulary (ISO 11610:2023; EN ISO 11610:2023)

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

HRN EN ISO 4484-3:2023 en pr  
Tekstil i tekstilni proizvodi – Mikroplastika iz tekstilnih izvora – 3. dio: Mjerenje mase prikupljenog materijala otpuštenog iz gotovih tekstilnih proizvoda metodom pranja u kućanstvu (ISO 4484-3:2023; EN ISO 4484-3:2023)  
Textiles and textile products – Microplastics from textile sources – Part 3: Measurement of collected material mass released from textile end products by domestic washing method (ISO 4484-3:2023; EN ISO 4484-3:2023)

## **HZN/TO 563, Sigurnost strojeva**

HRN EN ISO 13849-1:2023 en pr  
Sigurnost strojeva – Sigurnosni dijelovi sustava za nadzor – 1. dio: Osnovna načela za projektiranje (ISO 13849-1:2023; EN ISO 13849-1:2023)  
Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design (ISO 13849-1:2023; EN ISO 13849-1:2023)

## **HZN/TO E9, Električna oprema za željeznicu**

HRN EN IEC 62847:2023 en pr  
Željeznički sustav – Željeznička vozila – Električni konektori – Zahtjevi i načini ispitivanja (IEC 62847:2016; EN IEC 62847:2023)  
Railway applications – Rolling stock – Electrical connectors – Requirements and test methods (IEC 62847:2016; EN IEC 62847:2023)

## **HZN/TO E11, Nadzemni vodovi**

HRN EN 50341-2-18:2023 en pr  
Nadzemni električni vodovi izmjenične struje iznad 1 kV – Dio 2-18: Nacionalni normativni aspekti (NNA) za Švedsku (na temelju EN 50341-1:2012) (EN 50341-2-18:2023)  
Overhead electrical lines exceeding AC 1 kV – Part 2-18: National Normative Aspects (NNA) for Sweden (based on EN 50341-1:2012) (EN 50341-2-18:2023)

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

HRN EN IEC 62057-1:2023 en pr  
Električna brojlja – Ispitna oprema, tehnike i procedure – 1. dio: Jedinice za stacionarno ispitivanje brojila (MTU) (IEC 62057-1:2023; EN IEC 62057-1:2023)  
Electrical energy meters – Test equipment, techniques and procedures – Part 1: Stationary meter test units (MTUs) (IEC 62057-1:2023; EN IEC 62057-1:2023)

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

HRN EN IEC 60947-6-1:2023 en pr  
Niskonaponska sklopna aparatura – Dio 6-1: Višefunkcijska oprema – Sklopna oprema za automatsko prespajanje (IEC 60947-6-1:2021; EN IEC 60947-6-1:2023)  
Low-voltage switchgear and controlgear – Part 6-1: Multiple function equipment – Transfer switching equipment (IEC 60947-6-1:2021; EN IEC 60947-6-1:2023)

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

HRN EN IEC 62386-250:2023 en pr  
Digitalno upravljanje rasvjetom – 250. dio: Posebni zahtjevi – Integrirani izvor napajanja (Tip uređaja 49) (IEC 62386-250:2023; EN IEC 62386-250:2023)  
Digital addressable lighting interface – Part 250: Particular requirements – Integrated Power Supply (Device Type 49) (IEC 62386-250:2023; EN IEC 62386-250:2023)

HRN EN IEC 62386-251:2023 en pr  
Digitalno upravljanje rasvjetom – 251. dio: Posebni zahtjevi – Proširenje memorijske banke 1 (Tip uređaja 50) (IEC 62386-251:2023; EN IEC 62386-251:2023)  
Digital addressable lighting interface – Part 251: Particular requirements – Memory bank 1 extension (device type 50) (IEC 62386-251:2023; EN IEC 62386-251:2023)

HRN EN IEC 62386-252:2023 en pr  
Digitalno upravljanje rasvjetom – 252. dio: Posebni zahtjevi – Izvještavanje o energiji (Tip uređaja 51) (IEC 62386-252:2023; EN IEC 62386-252:2023)  
Digital addressable lighting interface – Part 252: Particular requirements – Energy Reporting (Device Type 51) (IEC 62386-252:2023; EN IEC 62386-252:2023)

HRN EN IEC 62386-253:2023 en pr  
Digitalno upravljanje rasvjetom – 253. dio: Posebni zahtjevi – Dijagnostika i održavanje (Tip uređaja 52) (IEC 62386-253:2023; EN IEC 62386-253:2023)  
Digital addressable lighting interface – Part 253: Particular requirements – Diagnostics and maintenance (device type 52) (IEC 62386-253:2023; EN IEC 62386-253:2023)

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

HRN EN IEC 60335-2-103:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vrata za kolni ulaz, vrata i prozora (IEC 60335-2-103:2015; EN IEC 60335-2-103:2023)  
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows (IEC 60335-2-103:2015; EN IEC 60335-2-103:2023)

HRN EN IEC 60335-2-103:2023/A11:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vrata za kolni ulaz, vrata i prozora (EN IEC 60335-2-103:2023/A11:2023)  
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows (EN IEC 60335-2-103:2023/A11:2023)

HRN EN IEC 60335-2-103:2023/A1:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vrata za kolni ulaz, vrata i prozora (IEC 60335-2-103:2015/am1:2017; EN IEC 60335-2-103:2023/A1:2023)  
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows (IEC 60335-2-103:2015/am1:2017; EN IEC 60335-2-103:2023/A1:2023)

HRN EN IEC 60335-2-103:2023/A2:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vrata za kolni ulaz, vrata i prozora (IEC 60335-2-103:2015/am2:2019; EN IEC 60335-2-103:2023/A2:2023)  
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows (IEC 60335-2-103:2015/am2:2019; EN IEC 60335-2-103:2023/A2:2023)

HRN EN IEC 60335-2-113:2023 en pr  
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; EN IEC 60335-2-113:2023)  
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; EN IEC 60335-2-113:2023)

HRN EN IEC 60335-2-113:2023/A11:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-113: Posebni zahtjevi za aparate za kozmetiku i njegu, s ugrađenim laserskim i intenzivnim izvorima svjetla (EN IEC 60335-2-113:2023/A11:2023)  
Household and similar electrical appliances – Safety – Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources (EN IEC 60335-2-113:2023/A11:2023)

HRN EN IEC 60335-2-115:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-115: Posebni zahtjevi za aparate za njegu kože (IEC 60335-2-115:2021+Corr.1:2022; EN IEC 60335-2-115:2023)  
Household and similar electrical appliances – Safety – Part 2-115: Particular requirements for skin beauty care appliances (IEC 60335-2-115:2021+Corr.1:2022; EN IEC 60335-2-115:2023)

HRN EN IEC 60335-2-115:2023/A11:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-115:  
Posebni zahtjevi za aparate za njegu kože  
(EN IEC 60335-2-115:2023/A11:2023)  
Household and similar electrical appliances – Safety  
– Part 2-115: Particular requirements for skin beauty care  
appliances (EN IEC 60335-2-115:2023/A11:2023)

HRN EN IEC 60335-2-23:2023 en pr  
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(IEC 60335-2-23:2016; EN IEC 60335-2-23:2023)  
Household and similar electrical appliances – Safety  
– Part 2-23: Particular requirements for appliances for skin or  
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HRN EN IEC 60335-2-23:2023/A1:2023 en pr  
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(IEC 60335-2-23:2016/am1:2019;  
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Household and similar electrical appliances – Safety  
– Part 2-23: Particular requirements for appliances  
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EN IEC 60335-2-23:2023/A1:2023)

HRN EN IEC 60335-2-23:2023/A11:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-23:  
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(EN IEC 60335-2-23:2023/A11:2023)  
Household and similar electrical appliances – Safety – Part 2-23:  
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HRN EN 60335-2-45:2005/A11:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-45:  
Posebni zahtjevi za pomična grijana oruđa i slične aparate  
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Household and similar electrical appliances – Safety – Part 2-45:  
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HRN EN IEC 60335-2-81:2023 en pr  
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Posebni zahtjevi za grijalice nogu i tople hasure  
(IEC 60335-2-81:2015; EN IEC 60335-2-81:2023)  
Household and similar electrical appliances – Safety  
– Part 2-81: Particular requirements for foot warmers and  
heating mats (IEC 60335-2-81:2015; EN IEC 60335-2-81:2023)

HRN EN IEC 60335-2-81:2023/A1:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-81:  
Posebni zahtjevi za grijalice nogu i tople hasure  
(IEC 60335-2-81:2015/am1:2017;  
EN IEC 60335-2-81:2023/A1:2023)  
Household and similar electrical appliances – Safety – Part 2-81:  
Particular requirements for foot warmers and heating mats  
(IEC 60335-2-81:2015/am1:2017;  
EN IEC 60335-2-81:2023/A1:2023)

HRN EN IEC 60335-2-81:2023/A2:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-81:  
Posebni zahtjevi za grijalice nogu i tople hasure  
(IEC 60335-2-81:2015/am2:2020;  
EN IEC 60335-2-81:2023/A2:2023)  
Household and similar electrical appliances – Safety  
– Part 2-81: Particular requirements for foot warmers  
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EN IEC 60335-2-81:2023/A2:2023)

HRN EN IEC 60335-2-95:2023 en pr  
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EN IEC 60335-2-95:2023)  
Household and similar electrical appliances – Safety  
– Part 2-95: Particular requirements for drives for vertically  
moving garage doors for residential use (IEC 60335-2-95:2019;  
EN IEC 60335-2-95:2023)

HRN EN IEC 60335-2-95:2023/A11:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-95:  
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Household and similar electrical appliances – Safety – Part 2-95:  
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HRN EN IEC 60335-2-97:2023 en pr  
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EN IEC 60335-2-97:2023)

HRN EN IEC 60335-2-97:2023/A11:2023 en pr  
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Household and similar electrical appliances – Safety – Part 2-97:  
Particular requirements for drives for shutters, awnings, blinds  
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HRN EN IEC 60335-2-97:2023/A1:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-97:  
Posebni zahtjevi za pogone za rebrenice, platnene zaslone,  
zaštitne zavjese i slične naprave (IEC 60335-2-97:2016/am1:2019;  
EN IEC 60335-2-97:2023/A1:2023)  
Household and similar electrical appliances – Safety  
– Part 2-97: Particular requirements for drives for shutters, awnings,  
blinds and similar equipment (IEC 60335-2-97:2016/am1:2019;  
EN IEC 60335-2-97:2023/A1:2023)

HRN EN 60335-2-99:2008/A11:2023 en pr  
Kućanski i slični električni aparati – Sigurnost – Dio 2-99:  
Posebni zahtjevi za ugostiteljske odsisne kape  
(EN 60335-2-99:2003/A11:2023)  
Household and similar electrical appliances – Safety – Part 2-99:  
Particular requirements for commercial electric hoods  
(EN 60335-2-99:2003/A11:2023)

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

HRN EN IEC 61676:2023 en pr  
Medicinska električna oprema – Dozimetrijski uređaji  
za neinvazivno mjerenje zračenja rendgenske cijevi u  
dijagnostičkoj radiologiji (IEC 61676:2023; EN IEC 61676:2023)  
Medical electrical equipment – Dosimetric instruments used  
for non-invasive measurement of X-ray tube voltage in  
diagnostic radiology (IEC 61676:2023; EN IEC 61676:2023)

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

HRN EN IEC 62439-2:2022/Ispr.1:2023 en pr  
Industrijske komunikacijske mreže – Automacijske mreže  
velike raspoloživosti – 2. dio: Protokol zalihosti sredstava  
(IEC 62439-2:2021/Corr.1:2023; EN IEC 62439-2:2022/AC:2023)  
Industrial communication networks – High availability  
automation networks – Part 2: Media Redundancy Protocol  
(MRP) (IEC 62439-2:2021/Corr.1:2023;  
EN IEC 62439-2:2022/AC:2023)

HRN EN IEC 62769-1:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – 1. dio: Pregled  
(IEC 62769-1:2023; EN IEC 62769-1:2023)  
Field Device Integration (FDI®) – Part 1: Overview  
(IEC 62769-1:2023; EN IEC 62769-1:2023)

HRN EN IEC 62769-2:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – 2. dio: FDI klijent  
(IEC 62769-2:2023; EN IEC 62769-2:2023)  
Field Device Integration (FDI®) – Part 2: FDI Client  
(IEC 62769-2:2023; EN IEC 62769-2:2023)

HRN EN IEC 62769-4:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – 4. dio: FDI paketi  
(IEC 62769-4:2023; EN IEC 62769-4:2023)  
Field Device Integration (FDI®) – Part 4: FDI Packages  
(IEC 62769-4:2023; EN IEC 62769-4:2023)

HRN EN IEC 62769-5:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – 5. dio: FDI  
informacijski model (IEC 62769-5:2023; EN IEC 62769-5:2023)  
Field Device Integration (FDI®) – Part 5: FDI Information  
Model (IEC 62769-5:2023; EN IEC 62769-5:2023)

HRN EN IEC 62769-6:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – 6. dio: FDI tehnološko  
preslikavanje (IEC 62769-6:2023; EN IEC 62769-6:2023)  
Field Device Integration (FDI®) – Part 6: FDI Technology  
Mappings (IEC 62769-6:2023; EN IEC 62769-6:2023)



HRN EN IEC 62769-7:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – 7. dio: Komunikacijski uređaji (IEC 62769-7:2023; EN IEC 62769-7:2023)  
Field Device Integration (FDI®) – Part 7: Communication Devices (IEC 62769-7:2023; EN IEC 62769-7:2023)

HRN EN IEC 62769-8:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – 8. dio: Preslikavanje EDD u OPC-UA (IEC 62769-8:2023; EN IEC 62769-8:2023)  
Field device integration (FDI®) – Part 8: EDD to OPC-UA Mapping (IEC 62769-8:2023; EN IEC 62769-8:2023)

HRN EN IEC 62769-100:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – 100. dio: Profili – Generički protokoli (IEC 62769-100:2023; EN IEC 62769-100:2023)  
Field device integration (FDI®) – Part 100: Profiles – Generic protocols (IEC 62769-100:2023; EN IEC 62769-100:2023)

HRN EN IEC 62769-101-1:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – Profili – Dio 101-1: Osnivanje Fieldbus H1 (IEC 62769-101-1:2023; EN IEC 62769-101-1:2023)  
Field device integration (FDI®) – Part 101-1: Profiles – Foundation Fieldbus H1 (IEC 62769-101-1:2023; EN IEC 62769-101-1:2023)

HRN EN IEC 62769-101-2:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – Profili – Dio 101-2: Osnivanje Fieldbus HSE (EN IEC 62769-101-2:2023; EN IEC 62769-101-2:2023)  
Field Device Integration (FDI®) – Part 101-2: Profiles – Foundation Fieldbus HSE (EN IEC 62769-101-2:2023; EN IEC 62769-101-2:2023)

HRN EN IEC 62769-103-1:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – Dio 103-1: Profili – PROFIBUS (IEC 62769-103-1:2023; EN IEC 62769-103-1:2023)  
Field Device Integration (FDI®) – Part 103-1: Profiles – PROFIBUS (IEC 62769-103-1:2023; EN IEC 62769-103-1:2023)

HRN EN IEC 62769-103-4:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – Dio 103-4: PROFINET (IEC 62769-103-4:2023; EN IEC 62769-103-4:2023)  
Field Device Integration (FDI®) – Part 103-4: PROFINET (IEC 62769-103-4:2023; EN IEC 62769-103-4:2023)

HRN EN IEC 62769-109-1:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – Dio 109-1: Profili – HART® i WirelessHART® (IEC 62769-109-1:2023; EN IEC 62769-109-1:2023)  
Field device integration (FDI®) – Part 109-1: Profiles – HART® and WirelessHART® (IEC 62769-109-1:2023; EN IEC 62769-109-1:2023)

HRN EN IEC 62769-150-1:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – Dio 150-1: Profili – ISA100 (IEC 62769-150-1:2023; EN IEC 62769-150-1:2023)  
Field device integration (FDI®) – Part 150-1: Profiles – ISA100 (IEC 62769-150-1:2023; EN IEC 62769-150-1:2023)

HRN EN IEC 62769-151-1:2023 en pr  
Integracija uređaja u postrojenju (FDI®) – Dio 151-1: Profili – OPC UA (IEC 62769-151-1:2023; EN IEC 62769-151-1:2023)  
Field device integration (FDI®) – Part 151-1: Profiles – OPC UA (IEC 62769-151-1:2023; EN IEC 62769-151-1:2023)

## **HZN/TO E78, Rad pod naponom**

HRN EN IEC 62819:2023 en pr  
Rad pod naponom – Štitnici za oči, lice i glavu od učinaka električnog luka – Izvedbeni zahtjevi i metode ispitivanja (IEC 62819:2022; EN IEC 62819:2023)  
Live working – Eye, face and head protectors against the effects of electric arc – Performance requirements and test methods (IEC 62819:2022; EN IEC 62819:2023)

## **HZN/TO E81, Zaštita od munje**

HRN EN IEC 62561-1:2023 en pr  
Komponente sustava zaštite od munje (LPSC) – 1. dio: Zahtjevi za spojne komponente (IEC 62561-1:2023; EN IEC 62561-1:2023)  
Lightning protection system components (LPSC) – Part 1: Requirements for connection components (IEC 62561-1:2023; EN IEC 62561-1:2023)

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

HRN EN IEC 61400-21-2:2023 en pr  
Sustavi za proizvodnju energije iz vjetro – Dio 21-2: Mjerenje i procjena električnih karakteristika – Vjetroelektrane (IEC 61400-21-2:2023; EN IEC 61400-21-2:2023)  
Wind energy generation systems – Part 21-2: Measurement and assessment of electrical characteristics – Wind power plants (IEC 61400-21-2:2023; EN IEC 61400-21-2:2023)

## **HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama**

HRN EN IEC 55016-1-4:2019/A2:2023 en pr  
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 1-4: Uređaji za mjerenje radiosmetnja i otpornosti – Antene i ispitna mjesta za mjerenje zračenih smetnja (CISPR 16-1-4:2019/am2:2023; EN IEC 55016-1-4:2019/A2:2023)  
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements (CISPR 16-1-4:2019/am2:2023; EN IEC 55016-1-4:2019/A2:2023)

## **HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija**

HRN EN ISO/IEC 17043:2023 en pr  
Conformity assessment – General requirements for the competence of proficiency testing providers (ISO/IEC 17043:2023; EN ISO/IEC 17043:2023)

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

HRN EN 12104:2023 en pr  
Elastične podne obloge – Plutene podne ploče – Specifikacija (EN 12104:2023)  
Resilient floor coverings – Cork floor tiles – Specification (EN 12104:2023)

HRN EN 17634:2023 en pr  
Elektroničke cigarete i e-tekućine – Određivanje postojanosti oslobađanja nikotina kroz definirane nizove uvlačenja na više e-cigareta jednake vrste (EN 17634:2023)  
Electronic cigarettes and e-liquids – Determination of nicotine delivery consistency over defined puff sequences of a number of e-cigarettes of identical type (EN 17634:2023)

HRN EN 17746:2023 en pr  
Elektroničke cigarete i e-tekućine – Određivanje postojanosti oslobađanja nikotina kroz definirane nizove uvlačenja na jednoj e-cigareti (EN 17746:2023)  
Electronic cigarettes and e-liquids – Determination of nicotine delivery consistency over defined puff sequences within a single e-cigarette (EN 17746:2023)

## **HZN/TU N1, Nemetalni materijali 1**

HRN EN ISO 2613-1:2023 en pr  
Analiza prirodnog plina – Količina silicija u biometanu – 1. dio: Određivanje ukupnog silicija atomskom emisijskom spektrometrijom (AES) (ISO 2613-1:2023; EN ISO 2613-1:2023)  
Analysis of natural gas – Silicon content of biomethane – Part 1: Determination of total silicon by atomic emission spectroscopy (AES) (ISO 2613-1:2023; EN ISO 2613-1:2023)

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

HRN EN ISO 5139:2023 en pr  
Stomatologija – Strojno obradivi blokovi od kompozita na bazi polimera za izradu restauracija (ISO 5139:2023; EN ISO 5139:2023)  
Dentistry – Polymer-based composite machinable blanks (ISO 5139:2023; EN ISO 5139:2023)

HRN EN ISO 7551:2023 en pr  
Stomatologija – Papirnati šiljci za endodontsko liječenje (ISO 7551:2023; EN ISO 7551:2023)  
Dentistry – Endodontic absorbent points (ISO 7551:2023; EN ISO 7551:2023)

HRN EN ISO 13078-3:2023 en pr  
Stomatologija – Zubotehnička peč za žarenje – 3. dio: Metoda ispitivanja za vrednovanje mjerenja visokotemperaturnih peći za sinteriranje s odvojenim termočlankom (ISO 13078-3:2023; EN ISO 13078-3:2023)  
Dentistry – Dental furnace – Part 3: Test method for evaluation of high temperature sintering furnace measurement with separate thermocouple (ISO 13078-3:2023; EN ISO 13078-3:2023)

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

HRN EN IEC 60794-1-301:2023 en pr  
Svjetlovodni kabeli – Dio 1-301: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja elemenata kabela – Ispitivanje savijanjem, metoda G1 (IEC 60794-1-301:2023; EN IEC 60794-1-301:2023)  
Optical fibre cables – Part 1-301: Generic specification – Basic optical cable test procedures – Cable elements test methods – Bend test, method G1 (IEC 60794-1-301:2023; EN IEC 60794-1-301:2023)

HRN EN IEC 60794-1-303:2023 en pr  
Svjetlovodni kabele – Dio 1-303: Generička specifikacija – Metode ispitivanja elemenata kabela – Dimenzije vrpce – Mjerač otvora, metoda G3 (IEC 60794-1-303:2023; EN IEC 60794-1-303:2023)  
Optical fibre cables – Part 1-303: Generic specification – Basic optical cable test procedures – Ribbon dimensions – Aperture gauge, method G3 (IEC 60794-1-303:2023; EN IEC 60794-1-303:2023)

HRN EN IEC 60794-1-309:2023 en pr  
Svjetlovodni kabele – Dio 1-309: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja elemenata kabela – Ispuštanje i isparavanje smjesa za punjenje ili zalijevanje, metoda G9 (IEC 60794-1-309:2023; EN IEC 60794-1-309:2023)  
Optical fibre cables – Part 1-309: Generic specification – Basic optical cable test procedures – Cable element test methods – Bleeding and evaporation of filling or flooding compounds, Method G9 (IEC 60794-1-309:2023; EN IEC 60794-1-309:2023)

HRN EN IEC 60794-2-22:2023 en pr  
Svjetlovodni kabele – Dio 2-22: Kabele u zatvorenom prostoru – Detaljna specifikacija za višestruke jednosmjerne i dvosmjerne prespojne optičke kabele za uporabu u završnim sklopovima prespojnih kabela (IEC 60794-2-22:2023; EN IEC 60794-2-22:2023)  
Optical fibre cables – Part 2-22: Indoor cables – Detail specification for multi-simplex breakout optical cables for use in terminated breakout cable assemblies (IEC 60794-2-22:2023; EN IEC 60794-2-22:2023)

HRN EN IEC 60794-2-50:2023 en pr  
Svjetlovodni kabele – Dio 2-50: Kabele u zatvorenom prostoru – Specifikacija skupine za jednosmjerne i dvosmjerne kabele za uporabu u završnim sklopovima kabela (IEC 60794-2-50:2023; EN IEC 60794-2-50:2023)  
Optical fibre cables – Part 2-50: Indoor cables – Family specification for simplex and duplex cables for use in terminated cable assemblies (IEC 60794-2-50:2023; EN IEC 60794-2-50:2023)

HRN EN IEC 61010-031:2023 en pr  
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 031: Sigurnosni zahtjevi za ručne i ručno upravljane sonde za električna ispitivanja i mjerenja (IEC 61010-031:2022; EN IEC 61010-031:2023)  
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement (IEC 61010-031:2022; EN IEC 61010-031:2023)

HRN EN IEC 61744:2023 en pr  
Kalibracija setova za ispitivanje kromatske disperzije optičkih vlakana (IEC 61744:2023; EN IEC 61744:2023)  
Calibration of fibre optic chromatic dispersion test sets (IEC 61744:2023; EN IEC 61744:2023)

HRN EN IEC 63287-2:2023 en pr  
Poluvodički uređaji – Smjernice za planove ispitivanja pouzdanosti – 2. dio: Koncept profila misije (IEC 63287-2:2023; EN IEC 63287-2:2023)  
Semiconductor devices – Guidelines for reliability qualification plans – Part 2: Concept of mission profile (IEC 63287-2:2023; EN IEC 63287-2:2023)

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

HRN EN IEC 61591:2023 en pr  
Uređaji za izvlačenje para od kuhanja – Metode za mjerenje radnih značajka (IEC 61591:2023; EN IEC 61591:2023)  
Cooking fume extractors – Methods for measuring performance (IEC 61591:2023; EN IEC 61591:2023)

HRN EN IEC 63132-5:2023 en pr  
Vodič za postupke instalacije i tolerancije strojeva za hidroelektrane – 5. dio: Cijevne turbine i generatori (IEC 63132-5:2023; EN IEC 63132-5:2023)  
Guide for installation procedures and tolerances of hydroelectric machines – Part 5: Bulb turbines and generators (IEC 63132-5:2023; EN IEC 63132-5:2023)

HRN EN IEC 63132-6:2023 en pr  
Vodič za postupke instalacije i tolerancije strojeva za hidroelektrane – 6. dio: Uspravne Peltonove turbine (IEC 63132-6:2023; EN IEC 63132-6:2023)  
Guide for installation procedures and tolerances of hydroelectric machines – Part 6: Vertical Pelton turbines (IEC 63132-6:2023; EN IEC 63132-6:2023)

## **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**

ISO 3688:2022 en  
Pulps — Preparation of laboratory sheets for the measurement of optical properties  
Pulpe – Priprema laboratorijskog lista za mjerenje optičkih svojstava

ISO 9184-1:2023 en  
Paper, board and pulps – Fibre furnish analysis – Part 1: General method  
Papir, karton i pulpe – Analiza sastava vlakana – 1. dio: Opća metoda

prEN ISO 12625-16 en  
Tissue paper and tissue products – Part 16: Determination of optical properties – Opacity (paper backing) – Diffuse reflectance method (ISO/DIS 12625-16:2023)  
Tanki upijajući papiri (tissue) i proizvodi od tankoga upijajućeg papira – 16. dio: Određivanje optičkih svojstava – Neprozirnost (pozadina papira) – Metoda refleksne difuzije (ISO/DIS 12625-16:2023)

### **HZN/TO 21, Protupožarna i vatrogasna oprema**

prEN 12259-15 en  
Fixed firefighting systems – Components for sprinkler and water spray systems – Part 15: Spray pattern sprinklers with a k-factor of at least K160, extended coverage sprinklers of at least K80 and control mode special application sprinklers  
Stabilni protupožarni sustavi – Dijelovi sustava za prskanje (sprinkler sustava) i sustava raspršene vode – 15. dio: Sprinkleri s raspršenim oblikom mlaza s k-faktorom od najmanje K160, sprinkleri s povećanom površinom pokrivanja s najmanje K80 i sprinkleri za kontrolu požara posebne primjene

prEN 14972-5 en  
Fixed firefighting systems – Water mist systems – Part 5: Test protocol for car garages for automatic nozzle systems  
Stabilni protupožarni sustavi – Sustavi vodene magle – 5. dio: Protokol ispitivanja za garaže za sustave s automatskim mlaznicama

prEN 17966 en  
Fire protection equipment – Carbon dioxide extinguishing systems for use on premises – Design and installation (ISO 6183:2022, MOD)  
Oprema za zaštitu od požara – Sustavi za gašenje ugljičnim dioksidom za uporabu u prostorijama – Projektiranje i ugradnja (ISO 6183:2022, MOD)

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

ISO 3837:1993/Amd 1:2021 en  
Liquid petroleum products – Determination of hydrocarbon types – Fluorescent indicator adsorption method  
Tekući naftni proizvodi – Određivanje tipova ugljikovodika – Metoda adsorpcije s fluorescentnim indikatorom

ISO 7507-2:2022 en  
Petroleum and liquid petroleum products – Calibration of vertical cylindrical tanks – Part 2: Optical-reference-line method or electro-optical distance-ranging method  
Nafta i tekući naftni proizvodi – Kalibracija vertikalnih cilindričnih spremnika – 2. dio: Metoda optičke referentne linije ili elektro-optička metoda mjerenja udaljenosti

prEN ISO 13032 en

Petroleum products – Determination of low concentration of sulfur in automotive fuels – Energy-dispersive X-ray fluorescence spectrometric method (ISO/DIS 13032:2023)  
Naftni proizvodi – Određivanje male količine sumpora u motornim gorivima – Energijski disperzivna fluorescencijska spektrometrija rendgenskih zraka (ISO/DIS 13032:2023)

prEN ISO 18335 en

Petroleum products and related products – Determination of kinematic viscosity by calculation from the measured dynamic viscosity and density – Method by constant pressure viscometer (ISO/DIS 18335:2023)

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

prEN ISO 10882-1 en

Health and safety in welding and allied processes – Sampling of airborne particles and gases in the operator's breathing zone – Part 1: Sampling of airborne particles (ISO/DIS 10882-1:2023)  
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Uzorkovanje letećih čestica i plinova u području disanja rukovatelja – 1. dio: Uzorkovanje letećih čestica (ISO/DIS 10882-1:2023)

prEN ISO 10882-2 en

Health and safety in welding and allied processes – Sampling of airborne particles and gases in the operator's breathing zone – Part 2: Sampling of gases (ISO/DIS 10882-2:2023)  
Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Uzorkovanje letećih čestica i plinova u području udisanja radnika – 2. dio: Uzorkovanje plinova (ISO/DIS 10882-2:2023)

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

EN 12390-18:2021/prA1 en

Testing hardened concrete – Part 18: Determination of the chloride migration coefficient  
Ispitivanje očvrstloga betona – 18. dio: Određivanje koeficijenta migracije klorida

## **HZN/TO 74, Cement i vapno**

prEN 17979 en

Reactivity of cement constituents – Heat of hydration and bound water content methods  
Reaktivnost sastojaka cementa – Metode određivanja topline hidratacije i sadržaja vezane vode

## **HZN/TO 82, Rudarstvo**

EN ISO 23875:2022/prA1 en

Mining – Air quality control systems for operator enclosures – Performance requirements and test methods (ISO 23875:2021/Amd 1:2022)  
Rudarstvo – Sustavi nadzora nad kvalitetom zraka u kabinama za rukovatelje – Izvedbeni zahtjevi i metode ispitivanja (ISO 23875:2021/Amd 1:2022)

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

prEN ISO 80601-2-79 en

Medical electrical equipment – Part 2-79: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory impairment (ISO/DIS 80601-2-79:2023)

Medicinska električna oprema – Dio 2-79: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke opreme za potporu disanju kod poremećaja disanja (ISO/DIS 80601-2-79:2023)

prEN ISO 80601-2-80 en

Medical electrical equipment – Part 2-80: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory insufficiency (ISO/DIS 80601-2-80:2023)

Medicinska električna oprema – Dio 2-80: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke opreme za potporu disanju kod respiratorne insuficijencije (ISO/DIS 80601-2-80:2023)

## **HZN/TO 146, Kvaliteta zraka**

prEN 16976 en

Ambient air – Determination of the particle number concentration of atmospheric aerosol  
Vanjski zrak – Određivanje koncentracije broja čestica atmosferskog aerosola

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

prEN ISO 7726 en

Ergonomics of the thermal environment – Instruments for measuring and monitoring physical quantities (ISO/DIS 7726:2023)  
Ergonomija toplinskog okoliša – Instrumenti za mjerenje i praćenje fizikalnih veličina (ISO/DIS 7726:2023)

prEN ISO 10075-2 en

Ergonomic principles related to mental workload – Part 2: Design principles (ISO/DIS 10075-2:2023)  
Ergonomska načela vezana uz mentalno opterećenje na radu – 2. dio: Načela dizajneranja (ISO/DIS 10075-2:2023)

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

prEN 81-82 en

Safety rules for the construction and installation of lifts – Existing lifts – Part 82: Rules for the improvement of the accessibility of existing lifts for persons including persons with disability  
Sigurnosna pravila za konstrukciju i ugradnju dizala – Postojeća dizala – 82. dio: Poboljšanje pristupačnosti dizala osobama s posebnim potrebama

prEN 81-83 en

Safety rules for the construction and installation of lifts – Existing lifts – Part 83: Rules for the improvement of the resistance against vandalism  
Sigurnosna pravila za konstrukciju i ugradnju dizala – Postojeća dizala – 83. dio: Pravila za poboljšavanje otpornosti na vandalizam

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

prEN ISO 19152-3 en

Geographic information – Land Administration Domain Model (LADM) – Part 3: Marine georegulation (ISO/DIS 19152-3:2023)

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

prEN 13226 en

Wood flooring – Solid parquet elements with grooves and/or tongues  
Drvene podne obloge – Masivne parketne daščice s utorima i/ili perima

## **HZN/TO 221, Geosintetici**

prEN ISO 13426-2 en

Geotextiles and geotextile-related products – Strength of internal structural junctions – Part 2: Geocomposites (ISO/DIS 13426-2:2023)  
Geotekstil i proizvodi srodni s geotekstilom – Čvrstoća unutarnjih strukturnih spojeva – 2. dio: Geokompoziti (ISO/DIS 13426-2:2023)

prEN ISO 13431 en

Geotextiles and geotextile-related products – Determination of tensile creep and creep rupture behaviour (ISO/DIS 13431:2023)  
Geotekstil i proizvodi srodni s geotekstilom – Određivanje puzanja pri vlaku i ponašanje pri slomu uslijed puzanja (ISO/DIS 13431:2023)

## **HZN/TO 238, Čvrsta biogoriva**

prEN ISO 18847 en

Solid biofuels – Determination of particle density of pellets and briquettes (ISO/DIS 18847:2023)  
Čvrsta biogoriva – Određivanje gustoće čestica peleta i briketa (ISO/DIS 18847:2023)



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

EN 573-3:2019+A1:2022/prA2 en  
Aluminium and aluminium alloys – Chemical composition and form of wrought products – Part 3: Chemical composition and form of products  
Aluminij i aluminijeve legure – Kemijski sastav i oblik gnječenih proizvoda – 3. dio: Kemijski sastav i oblik proizvoda

prEN 754-2 en  
Aluminium and aluminium alloys – Cold drawn rod/bar and tube – Part 2: Mechanical properties  
Aluminij i aluminijeve legure – Hladno vučene šipke i cijevi – 2. dio: Mehanička svojstva

prEN 755-2 en  
Aluminium and aluminium alloys – Extruded rod/bar, tube and profiles – Part 2: Mechanical properties  
Aluminij i aluminijeve legure – Istisnute šipke, cijevi i profili – 2. dio: Mehanička svojstva

prEN ISO 3887 en  
Steels – Determination of the depth of decarburization (ISO/DIS 3887:2023)  
Čelici – Određivanje dubine razugljičenja (ISO/DIS 3887:2023)

prEN ISO 6306 en  
Chemical analysis of steel – Order of listing elements in steel standards (ISO 6306:2020)

prEN 10138-3 en  
Prestressing steels – Part 3: Bars

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

EN ISO 13680:2020/prA1 en  
Petroleum and natural gas industries – Corrosion-resistant alloy seamless tubular products for use as casing, tubing, coupling stock and accessory material – Technical delivery conditions – Amendment 1: Petroleum and natural gas industries – Corrosion-resistant alloy seamless products for use as casing, tubing, coupling stock and accessory material – Technical delivery conditions (ISO 13680:2020/DAmD 1:2023)  
Industrija nafte i prirodnoga plina – Bešavne cijevi od legure otporne na koroziju, koje se upotrebljavaju kao zaštitne cijevi (casing), uzlazne cijevi (tubing), spojnice i pomoćni materijal – Tehnički uvjeti isporuke – Amandman 1: Industrija nafte i prirodnoga plina – Bešavni proizvodi od legure otporne na koroziju, koje se upotrebljavaju kao zaštitne cijevi (casing), uzlazne cijevi (tubing), spojnice i pomoćni materijal – Tehnički uvjeti isporuke (ISO 13680:2020/DAmD 1:2023)

## **HZN/TO 508, Ambalaža i pakiranje**

prEN ISO 7965-1 en  
Packaging – Drop test – Part 1: Paper sacks (ISO/DIS 7965-1:2023)  
Ambalaža – Ispitivanje bacanjem – 1. dio: Papirnate vreće (ISO/DIS 7965-1:2023)

prEN ISO 21898 en  
Packaging – Flexible intermediate bulk containers (FIBCs) for non-dangerous goods (ISO/DIS 21898:2023)  
Ambalaža – Prilagodljivi posredni spremnici za rasutu neopasnu robu (ISO/DIS 21898:2023)

## **HZN/TO 517, Posebne vrste konstrukcija**

prEN 17964 en  
Low height mobile working platform – Materials, dimensions, design loads, safety and performance requirements

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

prEN 15839 en  
Railway applications – Testing and simulation for the acceptance of running characteristics of railway vehicles – Running safety under longitudinal compressive forces

prEN 17976 en  
Railway applications – Bolting of railway vehicles and components

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

prEN ISO 4641 en  
Rubber hoses and hose assemblies for water suction and discharge – Specification (ISO/DIS 4641:2023)  
Gumena crijeva i crijevni sklopovi za usisavanje i ispuštanje vode – Specifikacija (ISO/DIS 4641:2023)

prEN ISO 6224 en  
Thermoplastics hoses, textile-reinforced, for general-purpose water applications – Specification (ISO/DIS 6224:2023)  
Plastomerna crijeva opće namjene za vodu ojačana tekstilom – Specifikacija (ISO/DIS 6224:2023)

prEN ISO 6806 en  
Rubber hoses and hose assemblies for use in oil burners – Specification (ISO/DIS 6806:2023)  
Gumena crijeva i crijevni uređaji za upotrebu u naftnim plamenicima – Specifikacija (ISO/DIS 6806:2023)

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

prEN 1657 en  
Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the veterinary area – Test method and requirements (phase 2, step 1)  
Kemijski dezinficijensi i antiseptici – Kvantitativni suspenzijski test za procjenu fungicidne djelotvornosti ili djelotvornosti na kvasce kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u veterinarstvu – Metoda ispitivanja i zahtjevi (faza 2, korak 1)

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

EN ISO 24194:2022/prA1 en  
Solar energy – Collector fields – Check of performance (ISO 24194:2022/DAmD 1:2023)  
Sunčeva energija – Kolektorska polja – Provjera značajki (ISO 24194:2022/DAmD 1:2023)

prEN ISO 29461-3 en  
Air filter intake systems for rotary machinery – Test methods – Part 3: Mechanical integrity of filter elements (ISO/DIS 29461-3:2023)  
Sustavi za filtriranje usisnog zraka za rotacijske strojeve – Metode ispitivanja – 3. dio: Mehanička cjelovitost filtarskih elemenata (ISO/DIS 29461-3:2023)

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

prEN 1302 en  
Chemicals used for treatment of water intended for human consumption – Aluminium-based coagulants – Analytical methods  
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Koagulantni na bazi aluminija – Analitičke metode

prEN 1717 en  
Protection against pollution of water intended for human consumption in potable water installations and general requirements for devices to prevent pollution by backflow  
Zaštita od onečišćenja vode namijenjene za ljudsku potrošnju u instalacijama za pitku vodu i opći zahtjevi za uređaje za sprečavanje onečišćenja uslijed povratnoga toka

prEN 17978 en  
Products used for treatment of water intended for human consumption and swimming pool water – Glass beads and glass granulate  
Proizvodi koji se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji i vode bazena za plivanje – Staklene kuglice i stakleni granulati

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

- EN 352-2:2020/prA1 en  
Hearing protectors – General requirements – Part 2: Earplugs  
Štitnici sluha – Opći zahtjevi – 2. dio: Ušni čepovi
- EN 13819-1:2020/prA1 en  
Hearing protectors – Testing – Part 1: Physical test methods  
Štitnici sluha – Ispitivanje – 1. dio: Fizikalne metode ispitivanja
- EN ISO 20345:2022/prA1 en  
Personal protective equipment – Safety footwear  
(ISO 20345:2021/DAmD1:2023)  
Osobna zaštitna oprema – Sigurnosna obuća  
(ISO 20345:2021/DAmD1:2023)
- EN ISO 20346:2022/prA1 en  
Personal protective equipment – Protective footwear  
(ISO 20346:2021/DAmD1:2023)  
Osobna zaštitna oprema – Zaštitna obuća  
(ISO 20346:2021/DAmD1:2023)
- EN ISO 20347:2022/prA1 en  
Personal protective equipment – Occupational footwear  
(ISO 20347:2021/DAmD 1:2023)  
Osobna zaštitna oprema – Radna obuća  
(ISO 20347:2021/DAmD 1:2023)

## **HZN/TO 557, Zaštitna odjeća**

- prEN ISO 15027-1 en  
Immersion suits – Part 1: Constant wear suits, requirements including safety (ISO/DIS 15027-1:2023)  
Odijela za uranjanje – 1. dio: Odijela za stalno nošenje, zahtjevi koji uključuju sigurnost (ISO/DIS 15027-1:2023)
- prEN ISO 15027-2 en  
Immersion suits – Part 2: Abandonment suits, requirements including safety (ISO/DIS 15027-2:2023)  
Odijela za uranjanje – 2. dio: Odijela za spašavanje u vodi, zahtjevi uključujući sigurnost (ISO/DIS 15027-2:2023)
- prEN ISO 15027-3 en  
Immersion suits – Part 3: Test methods (ISO/DIS 15027-3:2023)  
Odijela za uranjanje – 3. dio: Metode ispitivanja (ISO/DIS 15027-3:2023)
- prEN ISO 17491-4 en  
Protective clothing – Test methods for clothing providing protection against chemicals – Part 4: Determination of resistance to penetration by a spray of liquid (spray test) (ISO/DIS 17491-4:2023)  
Zaštitna odjeća – Ispitne metode za odjeću za zaštitu od kemikalija – 4. dio: Određivanje otpornosti na propuštanje raspršene tekućine (sprej test) (ISO/DIS 17491-4:2023)

## **HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji**

- prEN ISO 5210 en  
Industrial valves – Multi-turn valve actuator attachments (ISO/FDIS 5210:2023)  
Industrijski ventili – Dodaci za višeokretni pogon ventila (ISO/FDIS 5210:2023)
- prEN ISO 5211 en  
Industrial valves – Part-turn actuator attachments (ISO/FDIS 5211:2023)  
Industrijski ventili – Dodaci za dijelom okretni pogon ventila (ISO/FDIS 5211:2023)

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

- prEN ISO 2411 en  
Rubber- or plastics-coated fabrics – Determination of coating adhesion (ISO/DIS 2411:2023)  
Plošni tekstil naslojen gumom ili plastikom – Određivanje adhezije naslojavanja (ISO/DIS 2411:2023)

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

- prEN 12953-6 en  
Shell Boilers – Part 6: Requirements for equipment for the boiler  
Dimnocijevni kotlovi – 6. dio: Zahtjevi za opremu kotla
- prEN 12953-9 en  
Shell boilers – Part 9: Requirements for limiting devices of the boiler and accessories  
Dimnocijevni kotlovi – 9. dio: Zahtjevi za uređaje za osiguranje od prekoračenja radnih parametara kotla i opreme

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

- prEN ISO 17174 en  
Molecular biomarker analysis – DNA barcoding of fish and fish products using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments (ISO/DIS 17174:2023)

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

- FprEN 17516 en  
Waste – Characterization of granular solids with potential for use as construction material – Compliance leaching test – Up-flow percolation test
- prEN ISO 23611-2 en  
Soil quality – Sampling of soil invertebrates – Part 2: Sampling and extraction of micro-arthropods (Collembola and Acarina) (ISO/DIS 23611-2:2023)  
Kvaliteta tla – Uzorkovanje beskrležnjaka u tlu – 2. dio: Uzorkovanje i izdvajanje mikročlankonožaca (Collembola i Acarina) (ISO/DIS 23611-2:2023)
- prEN ISO 23611-5 en  
Soil quality – Sampling of soil invertebrates – Part 5: Sampling and extraction of soil macro-invertebrates (ISO/DIS 23611-5:2023)  
Kvaliteta tla – Uzorkovanje beskrležnjaka u tlu – 5. dio: Uzorkovanje i izdvajanje makro beskrležnjaka (ISO/DIS 23611-5:2023)

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

- EN 50549-1:2019/prA1:2023 en  
Requirements for generating plants to be connected in parallel with distribution networks – Part 1: Connection to a LV distribution network – Generating plants up to and including Type B  
Zahtjevi za priključak elektrane na distribucijsku mrežu – 1. dio: Priključak na niskonaponsku distribucijsku mrežu – Elektrane do uključivo tipa B
- EN 50549-2:2019/prA1:2023 en  
Requirements for generating plants to be connected in parallel with distribution networks – Part 2: Connection to a MV distribution network – Generating plants up to and including Type B  
Zahtjevi za priključak elektrane na distribucijsku mrežu – 2. dio: Priključak na srednjonaponsku distribucijsku mrežu – Elektrane do uključivo tipa B

## **HZN/TO E9, Električna oprema za željeznicu**

- prEN 50617-2:2023 en  
Railway applications – Technical parameters of train detection systems for the interoperability of the trans-European railway system – Part 2: Axle counters  
Željeznički sustav – Tehnički parametri sustava za detekciju vlaka radi interoperabilnosti transeuropskog željezničkog sustava – 2. dio: Brojači osovina

## **HZN/TO E10, Fluidi za primjenu u elektrotehnici**

prEN IEC 63360:2023 en  
Fluids for electrotechnical application: Mixtures of gases alternative to SF6

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

prEN IEC 61347-2-11:2023 en  
Controlgear for electric light sources – Safety – Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires (IEC 61347-2-11 ED2)  
Predspojne naprave za električne izvore svjetla – Sigurnost – Dio 2-11: Posebni zahtjevi za raznovrsne električne krugove koji se upotrebljavaju u svjetilkama (IEC 61347-2-11 ED2)

prEN IEC 63403-1:2023 en  
LED packages for horticultural lighting – Part 1: Specification sheet (IEC 63403-1 ED1)  
Svjetleće diode za poljoprivrednu rasvjetu – 1. dio: List sa specifikacijama (IEC 63403-1 ED1)

prEN IEC 63403-2:2023 en  
LED packages for horticultural lighting – Part 2: Binning (IEC 63403-2 ED1)  
Svjetleće diode za poljoprivrednu rasvjetu – 2. dio: Označavanje (IEC 63403-2 ED1)

## **HZN/TO E42, Visokonaponska ispitivanja**

prEN IEC 60270:2023 en  
High-voltage test techniques – Charge-based measurement of partial discharges (IEC 60270 ED4)  
Visokonaponske ispitne tehnike – Mjerenje parcijalnih izbijanja na temelju naboja (IEC 60270 ED4)

## **HZN/TO E56, Pouzdanost**

prEN IEC 60300-3-14:2023 en  
Dependability management – Part 3-14: Application guide – Supportability and support (IEC 60300-3-14 ED2)  
Upravljanje pouzdanošću – Dio 3-14: Upute za primjenu – Mogućnost održavanja i podrška (IEC 60300-3-14 ED2)

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

prEN IEC 61131-3:2023 en  
Programmable controllers – Part 3: Programming languages  
Programirivi regulatori – 3. dio: Programski jezici

prEN IEC 61406-2:2023 en  
Identification Link – Part 2: Types/Models, Lots/Batches, Items and Characteristics (IEC 61406-2 ED1)

EN IEC 61784-3:2021/prA1:2023 en  
Industrial communication networks – Profiles – Part 3: Functional safety fieldbuses – General rules and profile definitions (IEC 61784-3/am1 ED4)

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

prEN IEC 62631-3-12:2023 en  
Dielectric and resistive properties of solid insulating materials – Part 3-12: Determination of resistive properties (DC Methods) – Volume resistance and volume resistivity, method for casting resins (IEC 62631-3-12 ED1)  
Dielektrična svojstva i svojstva s obzirom na otpor čvrstih izolacijskih materijala – Dio 3-12: Određivanje svojstava s obzirom na otpor (metode istosmjerne struje) – Ukupan otpor i specifičan otpor, metoda za smole za lijevanje (IEC 62631-3-12 ED1)

prEN IEC 62836:2023 en  
Measurement of internal electric field in insulating materials – Pressure wave propagation method (IEC 62836 ED1)  
Mjerenje unutarnjeg električnog polja u izolacijskim materijalima – Metoda širenja tlačnih valova (IEC 62836 ED1)

## **HZN/TO E501, Elektroakustika i ultrazvuk**

prEN IEC 63412-1:2023 en  
Ultrasonics – Shear-wave elastography – Part 1: Specifications for the user interface (IEC 63412-1 ED1)

## **HZN/TO T4, Normizacija u telekomunikacijama**

Draft EN 303 753 V1.0.0:2023 en  
Wideband Data Transmission Systems (WDTS) for Mobile and Fixed Radio Equipment operating in the 57-71 GHz band – Harmonised Standard for access to radio spectrum  
Sustavi za širokopoljasni prijenos podataka (WDTS) za radijsku opremu mobilne i nepokretne mreže koja radi u frekvencijskom području od 57 GHz do 71 GHz – Harmonizirana norma za pristup radijskom spektru

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

prEN 1269 en  
Textile floor coverings – Assessment of impregnations in needled floor coverings by means of a soiling test  
Tekstilne podne obloge – Ocjena impregnacije iglanih podnih obloga pomoću ispitivanja zemljom

prEN 17903 en  
Definition and declaration of recycled content (organic and inorganic) in textile floor coverings

prEN ISO 24342 en  
Resilient and textile floor-covering – Determination of side length, edge straightness and squareness of tiles and planks (ISO/DIS 24342:2023)  
Elastične i tekstilne podne obloge – Određivanje duljine strana, ravnoće rubova i pravokutnosti ploča (ISO/DIS 24342:2023)

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

prEN 17703 en  
Plant biostimulants – Determination of chromium(VI)  
Biljni biostimulansi – Određivanje kroma (VI)

prEN 17705 en  
Plant biostimulants – Determination of phosphonates  
Biljni biostimulansi – Određivanje fosfonata

prEN 17706 en  
Plant biostimulants – Determination of inorganic arsenic  
Biljni biostimulansi – Određivanje anorganskog arsena

prEN 17980 en  
Algae and algae products – Sampling – Guidelines for the definition of sampling programs and sampling protocols

prEN 17983 en  
Algae and algae products – Measurement for renewable algal raw material for energy and non-energy applications

prEN ISO 23783-1 en  
Automated liquid handling systems – Part 1: Vocabulary and general requirements (ISO 23783-1:2022)

prEN ISO 23783-2 en  
Automated liquid handling systems – Part 2: Measurement procedures for the determination of volumetric performance (ISO 23783-2:2022)

prEN ISO 23783-3 en  
Automated liquid handling systems – Part 3: Determination, specification and reporting of volumetric performance (ISO 23783-3:2022)

prEN ISO 27548 en  
Additive manufacturing of plastics – Environment, health, and safety – Test method for determination of particle and chemical emission rates from desktop material extrusion 3D printer (ISO/DIS 27548:2023)

## HZN/TU F1, Osnovne norme 1

prEN 1143-2 en

Secure storage units – Requirements, classification and methods of tests for resistance to burglary – Part 2: Deposit systems

Jedinice za sigurno pohranjivanje – Zahtjevi, klasifikacija i metode ispitivanja otpornosti na provalu – 2. dio: Depozitni sustavi

## HZN/TU I2, Strojstvo 2

prEN 16510-2-7 en

Residential solid fuel burning appliances – Part 2-7: Combination appliances fired by wood logs and pellets  
Uređaji na kruta goriva za kućanstva – Dio 2-7: Kombinirani uređaji na cjepanice i pelete

prEN ISO 24078 en

Hydrogen in energy systems – Vocabulary (ISO/DIS 24078:2023)  
Vodik u energetske sustavima – Terminološki rječnik (ISO/DIS 24078:2023)

## HZN/TU N1, Nemetalni materijali 1

prEN ISO 21068-1 en

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 1: General information and sample preparation (ISO/DIS 21068-1:2023)

prEN ISO 21068-2 en

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 2: Determination of volatile components, total carbon, free carbon, silicon carbide, total and free silicon, free and surface silica (ISO/DIS 21068-2:2023)

prEN ISO 21068-3 en

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 3: Determination of nitrogen, oxygen and metallic and oxidic constituents (ISO/DIS 21068-3:2023)

prEN ISO 21068-4 en

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon – Part 4: XRD methods (ISO/DIS 21068-4:2023)

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

prEN ISO 6872 en

Dentistry – Ceramic materials (ISO/DIS 6872:2023)  
Stomatologija – Keramički materijali (ISO/DIS 6872:2023)

prEN ISO 15098 en

Dentistry – Dental tweezers (ISO/DIS 15098:2023)  
Stomatologija – Stomatološke pincete (ISO/DIS 15098:2023)

prEN ISO 16021 en

Urine-absorbing products – Basic principles for evaluation of single-use adult-incontinence products from the perspective of users and caregivers (ISO/DIS 16021:2023)  
Pomagala za upijanje urina – Osnovna načela ocjenjivanja jednokratnih pomagala za inkontinenciju kod odraslih osoba s gledišta korisnika i njegovatelja (ISO/DIS 16021:2023)

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

EN 2559:2022/prA1 en

Aerospace series – Carbon, glass and aramid fibre preimpregnates – Determination of the resin and fibre content and the mass of fibre per unit area  
Zrakoplovstvo – Preimpregnirana ugljična, staklena i aramidna vlakna – Određivanje sadržaja smola i sadržaja vlakana i mase vlakana po jedinici površine

FprEN 2876 en

Aerospace series – Nuts, hexagon, plain, reduced height, normal across flats, in aluminium alloy, anodized – Classification: 450 MPa (at ambient temperature)/120 °C  
Zrakoplovstvo – Ravne niske šesterokutne matice, normalni otvor ključa, iz aluminijeve legure, anodizirane – Klasifikacija: 450 MPa (pri temperaturi okoline)/120 °C

prEN 3197 en

Aerospace series – Design and installation of aircraft electrical and optical interconnection systems  
Zrakoplovstvo – Oblikovanje i ugradnja električkog i optičkog sustava za povezivanje u zrakoplovu

prEN 3475-811 en

Aerospace series – Cables, electrical, aircraft use – Test methods – Part 811: Unbalance attenuation  
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 811. dio: Slabljenje zbog nejednakosti

prEN 4165-001 en

Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175°C continuous – Part 001: Technical specification  
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 001: Tehnička specifikacija

prEN 4530-004 en

Aerospace series – Sealing sleeves used in elements of connection – Part 004: Sealing sleeves for external diameter cable 3 mm to 5,8 mm – Product standard

prEN 6049-005 en

Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 005: Sleeve flexible, post installation – Product standard  
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitna navlaka od meta-aramidnih vlakana – Dio 005: Savitljiva navlaka za naknadnu ugradnju – Norma za proizvod

prEN 6059-203 en

Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 203: Coverage

prEN 6059-505 en

Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 505: Lightning strike, current and voltage pulse

prEN 9300-007 en

Aerospace series – LOTAR -Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 007: Terms and references  
Zrakoplovstvo – LOTAR – Dugotrajno arhiviranje i pronalaženje digitalne tehničke dokumentacije za proizvod kao što su podaci 3D, CAD i PDM – Dio 007: Nazivi i upućivanja

prEN 16604-10 en

Space sustainability – Space debris mitigation requirements (ISO 24113:2019, MOD)  
Održivost u svemiru – Zahtjevi za smanjivanje otpada u Zemljinj orbiti (ISO 24113:2019, MOD)

## HZN/TU V1, Elektronika 1

prEN IEC 60875-1:2023 en

Fibre optic interconnecting devices and passive components – Non-wavelength-selective fibre optic branching devices – Part 1: Generic specification (IEC 60875-1 ED7)

FprEN IEC 61300-2-26:2023 en

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-26: Tests – Salt mist (IEC 61300-2-26 ED3)

prEN IEC 61753-082-02:2023 en

Fibre optic interconnecting devices and passive components performance standard – Part 082-02: Pigtailed single-mode fibre optic 1,31/1,55 µm WWDM devices for category C – Indoor controlled environment (IEC 61753-082-02 ED1)



prEN IEC 61978-1:2023 en

Fibre optic interconnecting devices and passive components  
– Fibre optic passive chromatic dispersion compensators  
– Part 1: Generic specification (IEC 61978-1 ED4)

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

prEN IEC 62862-1-5:2023 en

Solar thermal electric plants – Part 1-5: Performance code test for solar thermal electric plants (IEC 62862-1-5 ED1)  
Solarne termoelektrane – Dio 1-5: Postupak ispitivanja značajki za solarne termoelektrane (IEC 62862-1-5 ED1)

prEN IEC 62933-4-2:2023 en

Electric Energy Storage Systems – Part 4-2: Assessment of the environmental impact of battery failure in an electrochemical based storage system (IEC 62933-4-2 ED1)  
Sustavi za pohranu električne energije – Dio 4-2: Procjena utjecaja na okoliš kvara baterije u sustavima za pohranu na elektrokemijskoj osnovi (IEC 62933-4-2 ED1)

prEN IEC 63461:2023 en

Pelton hydraulic turbines – Model acceptance tests (IEC 63461 ED1)  
Peltonove hidrauličke turbine – Modelska prijamna ispitivanja (IEC 63461 ED1)

## **1.4 Povučene hrvatske norme**

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

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

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

HRN EN ISO 12625-12:2010 en

Tanki upijajući papir i proizvodi od tankoga upijajućeg papira – 12. dio: Određivanje prekidne čvrstoće na perforaciji – Izračun učinkovitosti perforacije (ISO 12625-12:2010; EN ISO 12625-12:2010)

Tissue paper and tissue products – Part 12: Determination of tensile strength of perforated lines – Calculation of perforation efficiency (ISO 12625-12:2010; EN ISO 12625-12:2010)  
- zamijenjena s: HRN EN ISO 12625-12:2023

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

HRN EN 15940:2019 en

Goriva za motorna vozila – Parafinska dizelska goriva dobivena sintezom ili hidrobradom – Zahtjevi i metode ispitivanja (EN 15940:2016+A1:2018+AC:2019)

Automotive fuels – Paraffinic diesel fuel from synthesis or hydrotreatment – Requirements and test methods (EN 15940:2016+A1:2018+AC:2019)  
- zamijenjena s: HRN EN 15940:2023

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

HRN EN ISO 17663:2010 en

Zavarivanje – Zahtjevi za kvalitetu toplinske obrade u vezi sa zavarivanjem i srodnim postupcima (ISO 17663:2009; EN ISO 17663:2009)

Welding – Quality requirements for heat treatment in connection with welding and allied processes (ISO 17663:2009; EN ISO 17663:2009)  
- zamijenjena s: HRN EN ISO 17663:2023

HRN EN ISO 18274:2011 en

Dodatni i potrošni materijali za zavarivanje – Elektrode od pune žice, trakaste elektrode, pune žice i pune šipke za zavarivanje taljenjem nikla i legura nikla – Razredba (ISO 18274:2010; EN ISO 18274:2010)

Welding consumables – Solid wire electrodes, solid strip electrodes, solid wires and solid rods for fusion welding of nickel and nickel alloys – Classification (ISO 18274:2010; EN ISO 18274:2010)  
- zamijenjena s: HRN EN ISO 18274:2023

HRN EN ISO 25980:2015 en

Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Prozirni zastori za zavarivanje, trake i zasloni za postupke elektrolučnog zavarivanja (ISO 25980:2014; EN ISO 25980:2014)

Health and safety in welding and allied processes – Transparent welding curtains, strips and screens for arc welding processes (ISO 25980:2014; EN ISO 25980:2014)  
- zamijenjena s: HRN EN ISO 25980:2023

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

HRN 1128:2007 hr

Beton – Smjernice za primjenu norme HRN EN 206-1  
Concrete – Guidelines for the implementation of HRN EN 206-1  
- zamijenjena s: HRN 1128:2023

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

HRN EN ISO 19156:2014 en

Geoinformacije – Promatranja i mjerenja (ISO 19156:2011; EN ISO 19156:2013)

Geographic information – Observations and measurements (ISO 19156:2011; EN ISO 19156:2013)  
- zamijenjena s: HRN EN ISO 19156:2023

## HZN/TO 502, *Plinski uređaji*

HRN EN 30-1-2:2013 en  
Kućanski plinski uređaji za kuhanje – Sigurnost – Dio 1-2:  
Uređaji s prisilnom cirkulacijom zraka u pećnicama sa ili bez  
roštilja (EN 30-1-2:2012)  
Domestic cooking appliances burning gas – Safety – Part 1-2:  
Appliances having forced-convection ovens and/or grills  
(EN 30-1-2:2012)  
- zamijenjena s: HRN EN 30-1-2:2023

## HZN/TO 503, *Metalni materijali*

HRN EN 10225-3:2019 en  
Zavarljivi konstrukcijski čelici za nepomične odobalne  
konstrukcije – Tehnički uvjeti isporuke – 3. dio: Toplo  
oblikovani šuplji profili (EN 10225-3:2019)  
Weldable structural steels for fixed offshore structures  
– Technical delivery conditions – Part 3: Hot finished hollow  
sections (EN 10225-3:2019)  
- zamijenjena s: HRN EN 10225-3:2023

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

HRN EN 607:2008 en  
Oluci i spojnice izrađeni od PVC-U – Definicije, zahtjevi i  
ispitivanja (EN 607:2004)  
Eaves gutters and fittings made of PVC-U – Definitions,  
requirements and testing (EN 607:2004)  
- zamijenjena s: HRN EN 607:2023

## HZN/TO 528, *Oprema za željeznice*

HRN EN 15355:2019 en  
Željeznički sustav – Kočenje – Rasporednici i pripadajući  
izolacijski uređaji (EN 15355:2019)  
Railway applications – Braking – Distributor valves and  
distributor-isolating devices (EN 15355:2019)  
- zamijenjena s: HRN EN 15355:2023

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

HRN EN 12758:2019 en  
Staklo u graditeljstvu – Ostakljenje i izolacija od zvuka  
prenošenog zrakom – Opisi proizvoda, određivanje svojstava  
i proširena pravila (EN 12758:2019)  
Glass in building – Glazing and airborne sound insulation  
– Product descriptions, determination of properties and  
extension rules (EN 12758:2019)  
- zamijenjena s: HRN EN 12758:2023

## HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 10993-15:2010 en  
Biološka procjena medicinskih proizvoda – 15. dio:  
Identifikacija i količinsko određivanje istrošenosti proizvoda od  
metala i slitina (ISO 10993-15:2000; EN ISO 10993-15:2009)  
Biological evaluation of medical devices – Part 15: Identification  
and quantification of degradation products from metals and  
alloys (ISO 10993-15:2000; EN ISO 10993-15:2009)  
- zamijenjena s: HRN EN ISO 10993-15:2023

## HZN/TO 557, *Zaštitna odjeća*

HRN CEN ISO/TR 11610:2006 hr,en,fr,de  
Zaštitna odjeća – Rječnik (ISO/TR 11610:2004;  
CEN ISO/TR 11610:2004)  
Protective clothing – Vocabulary (ISO/TR 11610:2004;  
CEN ISO/TR 11610:2004)  
- bez zamjene

## HZN/TO 563, *Sigurnost strojeva*

HRN EN ISO 13849-1:2016 en  
Sigurnost strojeva – Sigurnosni dijelovi sustava za nadzor  
– 1. dio: Osnovna načela za projektiranje (ISO 13849-1:2015;  
EN ISO 13849-1:2015)  
Safety of machinery – Safety-related parts of control systems  
– Part 1: General principles for design (ISO 13849-1:2015;  
EN ISO 13849-1:2015)  
- zamijenjena s: HRN EN ISO 13849-1:2023

## HZN/TO E55, *Žice za namote*

HRN EN 60317-0-4:2016 en  
Specifikacije pojedinih vrsta žica za namote – Dio 0-4:  
Opći zahtjevi – Nelakirana ili lakirana profilna bakrena žica  
omotana staklenim vlaknima i impregnirana smolom ili lakom  
(IEC 60317-0-4:2015; EN 60317-0-4:2016)  
Specifications for particular types of winding wires – Part 0-4:  
General requirements – Glass-fibre wound resin or varnish  
impregnated, bare or enamelled rectangular copper wire  
(IEC 60317-0-4:2015; EN 60317-0-4:2016)  
- zamijenjena s: HRN EN IEC 60317-0-4:2020

HRN EN 60317-0-5:2008 en  
Specifikacije pojedinih vrsta žica za namote – Dio 0-5:  
Opći zahtjevi – Nelakirana ili lakirana profilna bakrena žica  
opletena staklenim vlaknima i impregnirana smolom ili lakom  
(IEC 60317-0-5:2006; EN 60317-0-5:2007)  
Specifications for particular types of winding wires – Part 0-5:  
General requirements – Glass-fibre braided resin or varnish  
impregnated, bare or enamelled rectangular copper wire  
(IEC 60317-0-5:2006; EN 60317-0-5:2007)  
- bez zamjene

HRN EN 60317-19:2001 en  
Specifikacije pojedinih vrsta žica za namote – 19. dio: Poliuretanom  
lakirana lemljiva okrugla bakrena žica, prekrivena poliamidom,  
razreda 130 (IEC 60317-19:1990+A1:1997+A2:1999;  
EN 60317-19:1995+A1:1998+A2:2000)  
Specifications for particular types of winding wires – Part 19:  
Solderable polyurethane enamelled round copper wire, overcoated  
with polyamide, class 130 (IEC 60317-19:1990+A1:1997+A2:1999;  
EN 60317-19:1995+A1:1998+A2:2000)  
- bez zamjene

HRN EN 60317-26:2001 en  
Specifikacije pojedinih vrsta žica za namote – 26. dio:  
Poliamid imidom lakirana okrugla bakrena žica, razreda 200  
(IEC 60317-26:1990+A1:1997; EN 60317-26:1996+A1:1998)  
Specifications for particular types of winding wires – Part 26:  
Polyamide-imide enamelled round copper wire, class 200  
(IEC 60317-26:1990+A1:1997; EN 60317-26:1996+A1:1998)  
- bez zamjene

HRN EN 60317-26:2001/A2:2013 en  
Specifikacije pojedinih vrsta žica za namote – 26. dio:  
Poliamid imidom lakirana okrugla bakrena žica, razreda 200  
(IEC 60317-26:1990/am2:2010; EN 60317-26:1996/A2:2010)  
Specifications for particular types of winding wires – Part 26:  
Polyamide-imide enamelled round copper wire, class 200  
(IEC 60317-26:1990/am2:2010; EN 60317-26:1996/A2:2010)  
- bez zamjene

HRN EN 60317-27:2014 en  
Specifikacije pojedinih vrsta žica za namote – 27. dio: Profilna  
bakrena žica prekrivena papirnom trakom (IEC 60317-27:2013;  
EN 60317-27:2014)  
Specifications for particular types of winding wires – Part 27:  
Paper tape covered rectangular copper wire (IEC 60317-27:2013;  
EN 60317-27:2014)  
- zamijenjena s: HRN EN IEC 60317-27-3:2020

HRN EN 60317-39:2016 en  
Specifikacije pojedinih vrsta žica za namote – 39. dio:  
Nelakirana ili lakirana profilna bakrena žica, opletena  
staklenim vlaknima i impregnirana smolom ili lakom, indeksa  
temperature 180 (IEC 60317-39:2015; EN 60317-39:2016)  
Specifications for particular types of winding wires – Part 39:  
Glass-fibre braided resin or varnish impregnated, bare or  
enamelled rectangular copper wire, temperature index 180  
(IEC 60317-39:2015; EN 60317-39:2016)  
- bez zamjene

HRN EN 60317-40:2015 en  
Specifikacije pojedinih vrsta žica za namote – 40. dio:  
Nelakirana ili lakirana profilna bakrena žica, opletena  
staklenim vlaknima i impregnirana smolom ili lakom, indeksa  
temperature 200 (IEC 60317-40:2015; EN 60317-40:2015)  
Specifications for particular types of winding wires – Part 40:  
Glass-fibre braided resin or varnish impregnated, bare or  
enamelled rectangular copper wire, temperature index 200  
(IEC 60317-40:2015; EN 60317-40:2015)  
- bez zamjene

HRN EN 60317-42:2001 en  
Specifikacije pojedinih vrsta žica za namote – 42. dio:  
Poliester-amid-imidom lakirana okrugla bakrena žica, razreda  
200 (IEC 60317-42:1997; EN 60317-42:1997)  
Specifications for particular types of winding wires – Part 42:  
Polyester-amide-imide enamelled round copper wire, class 200  
(IEC 60317-42:1997; EN 60317-42:1997)  
- bez zamjene

HRN EN 60317-42:2001/A1:2013 en

Specifikacije pojedinih vrsta žica za namote – 42. dio: Poliester-amid-imidom lakirana okrugla bakrena žica, razreda 200 (IEC 60317-42:1997/am1:2010; EN 60317-42:1997/A1:2010)  
Specifications for particular types of winding wires – Part 42: Polyester-amide-imide enamelled round copper wire, class 200 (IEC 60317-42:1997/am1:2010; EN 60317-42:1997/A1:2010)  
- bez zamjene

HRN EN 60317-61:2013 en

Specifikacije pojedinih vrsta žica za namote – 61. dio: Nelakirana ili lakirana profilna bakrena žica omotana polieterskim staklenim vlaknima minimalnog razreda 180, impregnirana lakom ili smolom, indeksa temperature 180 (IEC 60317-61:2012; EN 60317-61:2012)  
Specifications for particular types of winding wires – Part 61: Polyester glass fibre wound, minimum class 180, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180 (IEC 60317-61:2012; EN 60317-61:2012)  
- zamijenjena s: HRN EN IEC 60317-61:2020

HRN EN 60317-71:2017 en

Specifikacije pojedinih vrsta žica za namote – 71. dio: Nelakirana ili lakirana okrugla bakrena žica omotana polieterskim staklenim vlaknima, impregnirana lakom ili smolom, indeksa temperature 180 (IEC 60317-71:2017; EN 60317-71:2017)  
Specifications for particular types of winding wires – Part 71: Polyester glass-fibre wound fused and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180 (IEC 60317-71:2017; EN 60317-71:2017)  
- zamijenjena s: HRN EN IEC 60317-71:2020

HRN EN 60317-72:2017 en

Specifikacije pojedinih vrsta žica za namote – 72. dio: Nelakirana ili lakirana okrugla bakrena žica omotana polieterskim staklenim vlaknima, impregnirana lakom ili silikonskom smolom, indeksa temperature 200 (IEC 60317-72:2017; EN 60317-72:2017)  
Specifications for particular types of winding wires – Part 72: Polyester glass-fibre wound fused, silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200 (IEC 60317-72:2017; EN 60317-72:2017)  
- zamijenjena s: HRN EN IEC 60317-72:2020

## HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRN EN ISO/IEC 17043:2010 hr,en-en

Ocjenjivanje sukladnosti – Opći zahtjevi za ispitivanje sposobnosti (ISO/IEC 17043:2010; EN ISO/IEC 17043:2010)  
Conformity assessment – General requirements for proficiency testing (ISO/IEC 17043:2010; EN ISO/IEC 17043:2010)  
- zamijenjena s: HRN EN ISO/IEC 17043:2023

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

HRN EN 12104:2019 en

Elastične podne obloge – Plutene podne ploče – Specifikacija (EN 12104:2018)  
Resilient floor coverings – Cork floor tiles – Specification (EN 12104:2018)  
- zamijenjena s: HRN EN 12104:2023

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

HRN EN ISO 7551:2008 en

Stomatološke apsorbirajuće iglice (ISO 7551:1996; EN ISO 7551:1998)  
Dental absorbent points (ISO 7551:1996; EN ISO 7551:1998)  
- zamijenjena s: HRN EN ISO 7551:2023

## 1.6 Ispravci hrvatskih norma

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

### HZN/ TO 508, Ambalaža i pakiranje

#### • umjesto

HRN EN ISO 16495:2022

Ambalaža – Transportna ambalaža za opasne terete – Metode ispitivanja (ISO 16495:2022; EN ISO 16495:2022)  
Packaging – Transport packaging for dangerous goods – Test methods (ISO 16495:2022; EN ISO 16495:2022)

#### • treba biti

HRN EN ISO 16495:2022

Ambalaža – Transportna ambalaža za opasne terete – Metode ispitivanja (ISO 16495:2022, **ispravljena verzija 2023-04**; EN ISO 16495:2022)  
Packaging – Transport packaging for dangerous goods – Test methods (ISO 16495:2022, **Corrected version 2023-04**; EN ISO 16495:2022)

### HZN/ TO 555, Medicinski proizvodi

#### • umjesto

HRN EN ISO 10993-17:2010

Biološka procjena medicinskih proizvoda – 17. dio: Utvrđivanje dopuštenih granica za **lužnate tvari** (ISO 10993-17:2002; EN ISO 10993-17:2009)  
Biological evaluation of medical devices – Part 17: Establishment of allowable limits for leachable substances (ISO 10993-17:2002; EN ISO 10993-17:2009)

#### • treba biti

HRN EN ISO 10993-17:2010

Biološka procjena medicinskih proizvoda – 17. dio: Utvrđivanje dopuštenih granica za **tvari koje se mogu izluživati** (ISO 10993-17:2002; EN ISO 10993-17:2009)  
Biological evaluation of medical devices – Part 17: Establishment of allowable limits for leachable substances (ISO 10993-17:2002; EN ISO 10993-17:2009)

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

#### • umjesto

HRN EN ISO 3630-3:2021

Stomatologija – Endodontski instrumenti – 3. dio: Kompaktori (ISO 3630-3:2021; EN ISO 3630-3:2021)  
Dentistry – Endodontic instruments – Part 3: Compactors (ISO 3630-3:2021; EN ISO 3630-3:2021)

#### • treba biti

HRN EN ISO 3630-3:2021

Stomatologija – Endodontski instrumenti – 3. dio: Kompaktori (ISO 3630-3:2021, **ispravljena verzija 2023-05**; EN ISO 3630-3:2021)  
Dentistry – Endodontic instruments – Part 3: Compactors (ISO 3630-3:2021, **Corrected version 2023-05**; EN ISO 3630-3:2021)

## 1.10 Prijevodi hrvatskih normativnih dokumenata

### HZN/TO 71, *Beton*

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

HRN EN 206:2021 hr-en pr-pp  
Beton – Specifikacija, svojstva, proizvodnja i sukladnost (EN 206:2013+A2:2021)  
Concrete – Specification, performance, production and conformity (EN 206:2013+A2:2021)

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

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

HRN EN 61557-12:2008 hr-en pr-pp  
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 12. dio: Izvedba uređaja za mjerenje i nadzor (PMD) (IEC 61557-12:2007; EN 61557-12:2008)  
Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 12: Performance measuring and monitoring devices (PMD) (IEC 61557-12:2007; EN 61557-12:2008)



## 2 Rezultati mednarodne i evropske normizacije

### Evropska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 30-1-2	Domestic cooking appliances burning gas – Part 1-2: Safety – Appliances having forced-convection ovens	97.040.20	2023-04
EN 302-8	Adhesives for load-bearing timber structures – Test methods – Part 8: Static load test of multiple bond line specimens in compression shear	83.180	2023-04
EN 351-1	Durability of wood and wood-based products – Preservative-treated solid wood – Part 1: Classification of preservative penetration and retention	71.100.50; 79.040	2023-04
EN 351-2	Durability of wood and wood-based products – Preservative-treated solid wood – Part 2: Guidance on sampling for the analysis of preservative-treated wood	71.100.50; 79.040	2023-04
EN 564	Mountaineering equipment – Accessory cords – Safety requirements and test methods	97.220.40	2023-04
EN 892+A3	Mountaineering equipment – Dynamic mountaineering ropes – Safety requirements and test methods	97.220.40	2023-04
EN 1384	Helmets for equestrian activities	13.340.20	2023-04
EN 1401-1+A1	Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U) – Part 1: Specifications for pipes, fittings and the system	23.040.01	2023-04
CEN/TR 10261	Iron and steel – European standards for the determination of chemical composition	77.040.30; 77.140.01	2023-04
EN 12697-4	Bituminous mixtures – Test methods – Part 4: Bitumen recovery: Fractionating column	93.080.20	2023-04
EN 12697-43	Bituminous mixtures – Test methods – Part 43: Resistance to fuel	93.080.20	2023-04
EN 13089+A3	Mountaineering equipment – Ice-tools – Safety requirements and test methods	97.220.40	2023-04
CEN/TR 13387-5	Child care articles – General safety guidelines – Part 5: Product information	97.190	2023-04
EN 13442	Wood and parquet flooring and wood panelling and cladding – Determination of the resistance to chemical agents	79.080	2023-04
EN 13445-4/A1	Unfired pressure vessels – Part 4: Fabrication	23.020.30	2023-04
EN 13721	Furniture – Assessment of the surface reflectance	97.140	2023-04
EN 14758-1	Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene with mineral modifiers (PP-MD) – Part 1: Specifications for pipes, fittings and the system	23.040.05; 93.030	2023-04
EN 15085-3+A1	Railway applications – Welding of railway vehicles and components – Part 3: Design requirements	25.160.10; 45.060.01	2023-04
EN 15434-1	Bonding sealants – Part 1: Bonded glazing sealants for direct light exposure	81.040.20; 91.100.50	2023-04
EN 16479	Water quality – Performance requirements and conformity test procedures for water monitoring equipment – Automatic sampling devices (samplers) for water and waste water	13.060.45	2023-04
EN 16611	Furniture – Assessment of the surface resistance to microscratching	97.140	2023-04
EN 16729-5	Railway applications – Infrastructure – Non-destructive testing on rails in track – Part 5: Non-destructive testing on welds in track	25.160.40; 93.100	2023-04
EN 17075+A1	Water quality – General requirements and performance test procedures for water monitoring equipment – Measuring devices	13.060.45	2023-04
EN 17255-4	Stationary source emissions – Data acquisition and handling systems – Part 4: Specification of requirements for the installation and on-going quality assurance and quality control of data acquisition and handling systems	13.040.40	2023-04
EN 17522	Design and construction of backfilled and grouted borehole heat exchangers	07.060; 27.190; 91.140.10	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17738	Geotextiles and geotextile-related products – Damage during installation procedure – Full scale test	59.080.70	2023-04
EN 17816	Liming materials – Determination of physical and chemical properties and specific contaminants	65.080	2023-04
EN 17853	Animal feeding stuff: Methods of sampling and analysis – Determination of intact glucosinolates in feed materials and compound feed by LC-MS/MS	65.120	2023-04
CEN/TR 17924	Safety and control devices for burners and appliances burning gaseous and/or liquid fuels – Guidance on hydrogen specific aspects	23.060.40	2023-04
CEN/TR 17949	Public transport – Distribution APIs for MaaS	35.240.60	2023-04
EN 50289-1-2	Communication cables – Specifications for test methods – Part 1-2: Electrical test methods – DC resistance	33.120.10; 33.120.20	2023-04
EN 50292	Electrical apparatus for the detection of carbon monoxide in domestic premises, caravans and boats – Guide on the selection, installation, use and maintenance	13.320	2023-04
EN 50518/A1	Monitoring and Alarm Receiving Centre	13.320	2023-04
EN 50705	Lighting equipment with radio communication – Safety requirements	29.140.99; 33.060.01	2023-04
EN IEC 60230/A1	Impulse tests on cables and their accessories (IEC 60230:2018/AMD1:2021)	29.060.20	2023-04
EN IEC 60255-187-1/AC	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/COR1:2023)	29.120.70	2023-04
EN IEC 60268-23	Sound system equipment – Part 23: TVs and monitors – Loudspeaker systems (IEC 60268-23:2023)	33.160.01; 33.160.50	2023-04
EN IEC 60350-1	Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance (IEC 60350-1:2023)	97.040.20	2023-04
EN IEC 60794-2-10	Optical fibre cables – Part 2-10: Indoor optical fibre cables – Family specification for simplex and duplex cables (IEC 60794-2-10:2023)	33.180.10	2023-04
EN IEC 60947-8	Low-voltage switchgear and controlgear – Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines (IEC 60947-8:2021)	29.130.20	2023-04
EN IEC 60966-3-3	Radio frequency and coaxial cable assemblies – Part 3-3: Detail specification for semi-flexible cable assemblies (jumper) – Frequency range up to 18 GHz, Type 50-141 semi-flexible coaxial cable (IEC 60966-3-3:2023)	33.120.01; 33.120.10	2023-04
EN IEC 60966-3-4	Radio frequency and coaxial cable assemblies – Part 3-4: Detail specification for semi-flexible cable assemblies (jumper) – Frequency range up to 6 GHz, Type 50-141 semi-flexible coaxial cable (IEC 60966-3-4:2023)	33.120.01; 33.120.10	2023-04
EN IEC 61124	Reliability testing – Compliance tests for constant failure rate and constant failure intensity (IEC 61124:2023)	03.120.30; 19.020; 21.020; 29.020	2023-04
EN IEC 61158-1	Industrial communication networks – Fieldbus specifications – Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series (IEC 61158-1:2023)	25.040.40; 33.040.40; 35.100.05; 35.110; 35.240.50	2023-04
EN IEC 61158-2	Industrial communication networks – Fieldbus specifications – Part 2: Physical layer specification and service definition (IEC 61158-2:2023)	25.040.40; 35.100.10; 35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61158-3-2	Industrial communication networks – Fieldbus specifications – Part 3-2: Data-link layer service definition – Type 2 elements (IEC 61158-3-2:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-3-4	Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements (IEC 61158-3-4:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-3-24	Industrial communication networks – Fieldbus specifications – Part 3-24: Data-link layer service definition – Type 24 elements (IEC 61158-3-24:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61158-3-28	Industrial communication networks – Fieldbus specifications – Part 3-28: Data-link layer service definition – Type 28 elements (IEC 61158-3-28:2023)	35.100.70; 35.160	2023-04
EN IEC 61158-4-2	Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements (IEC 61158-4-2:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-4-4	Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-4-28	Industrial communication networks – Fieldbus specifications – Part 4-28: Data-link layer protocol specification – Type 28 elements (IEC 61158-4-28:2023)	35.100.70; 35.160	2023-04
EN IEC 61158-5-23	Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23 elements (IEC 61158-5-23:2023)	25.040.40; 35.100.70; 35.110	2023-04
EN IEC 61158-5-24	Industrial communication networks – Fieldbus specifications – Part 5-24: Application layer service definition – Type 24 elements (IEC 61158-5-24:2023)	25.040.40; 35.100.70; 35.110	2023-04
EN IEC 61158-5-26	Industrial communication networks – Fieldbus specifications – Part 5-26: Application layer service definition – Type 26 elements (IEC 61158-5-26:2023)	25.040.40; 35.100.70; 35.110	2023-04
EN IEC 61158-5-27	Industrial communication networks – Fieldbus specifications – Part 5-27: Application layer service definition – Type 27 elements (IEC 61158-5-27:2023)	35.100.70; 35.160	2023-04
EN IEC 61158-5-28	Industrial communication networks – Fieldbus specifications – Part 5-28: Application layer service definition – Type 28 elements (IEC 61158-5-28:2023)	35.100.70; 35.160	2023-04
EN IEC 61158-6-27	Industrial communication networks – Fieldbus Specifications Part 6-27: Application layer protocol specification – Type 27 elements (IEC 61158-6-27:2023)	35.100.70; 35.160	2023-04
EN IEC 61547	Equipment for general lighting purposes – EMC immunity requirements (IEC 61547:2020)	29.020; 29.140.01; 33.100.10; 33.100.20; 91.160.01	2023-04
EN IEC 61784-1-1	Industrial networks – Profiles – Part 1-1: Fieldbus profiles – Communication Profile Family 1 (IEC 61784-1-1:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-2	Industrial networks – Profiles – Part 1-2: Fieldbus profiles – Communication Profile Family 2 (IEC 61784-1-2:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-3	Industrial networks – Profiles – Part 1-3: Fieldbus profiles – Communication Profile Family 3 (IEC 61784-1-3:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-4	Industrial networks – Profiles – Part 1-4: Fieldbus profiles – Communication Profile Family 4 (IEC 61784-1-4:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-5	Industrial networks – Profiles – Part 1-5: Fieldbus profiles – Communication Profile Family 5 (IEC 61784-1-5:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-6	Industrial networks – Profiles – Part 1-6: Fieldbus profiles – Communication Profile Family 6 (IEC 61784-1-6:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-8	Industrial networks – Profiles – Part 1-8: Fieldbus profiles – Communication Profile Family 8 (IEC 61784-1-8:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-22	Industrial networks – Profiles – Part 1-22: Fieldbus profiles – Communication Profile Family 22 (IEC 61784-1-22:2023)	33.020; 35.160; 35.240.50	2023-04
EN IEC 61784-2-0	Industrial networks – Profiles – Part 2-0: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – General concepts and terminology (IEC 61784-2-0:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-2-10	Industrial networks – Profiles – Part 2-10: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 10 (IEC 61784-2-10:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-2-19	Industrial networks – Profiles – Part 2-19: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 19 (IEC 61784-2-19:2023)	33.020; 35.100.20; 35.160	2023-04
EN IEC 62271-110	High-voltage switchgear and controlgear – Part 110: Inductive load switching (IEC 62271-110:2023)	29.130.10	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62281/A2	Safety of primary and secondary lithium cells and batteries during transport (IEC 62281:2019/AMD2:2023)	29.220.01; 29.220.10	2023-04
EN IEC 62321-12	Determination of certain substances in electrotechnical products – Part 12: Simultaneous determination – Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry (IEC 62321-12:2023)	01.110; 13.020.01; 29.020; 29.100.01	2023-04
EN IEC 62386-150	Digital addressable lighting interface – Part 150: Particular requirements – Auxiliary power supply (IEC 62386-150:2023)	29.140.30; 29.140.50; 29.140.99; 35.240.99	2023-04
EN IEC 62439-3/AC	Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR) (IEC 62439-3:2021/COR1:2023)	25.040.40; 35.100.05; 35.110; 35.240.50	2023-04
EN IEC 63203-204-1	Wearable electronic devices and technologies – Part 204-1: Electronic textile – Test method for assessing washing durability of e-textile products (IEC 63203-204-1:2023)	59.080.01; 59.080.80	2023-04
EN ISO 283	Textile conveyor belts – Full thickness tensile strength, elongation at break and elongation at the reference load – Test method (ISO 283:2023)	53.040.20	2023-04
EN ISO 527-4	Plastics – Determination of tensile properties – Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites (ISO 527-4:2023)	83.120	2023-04
EN ISO 535	Paper and board – Determination of water absorptiveness – Cobb method (ISO 535:2023)	85.060	2023-04
EN ISO 3826-1/A1	Plastics collapsible containers for human blood and blood components – Part 1: Conventional containers – Amendment 1 (ISO 3826-1:2019/Amd1:2023)	11.040.20	2023-04
EN ISO 4063	Welding, brazing, soldering and cutting – Nomenclature of processes and reference numbers (ISO 4063:2023)	01.040.25; 25.160.01	2023-04
EN ISO 4491-1	Metallic powders – Determination of oxygen content by reduction methods – Part 1: General guidelines (ISO 4491-1:2023)	77.160	2023-04
EN ISO 4491-2	Metallic powders – Determination of oxygen content by reduction methods – Part 2: Loss of mass on hydrogen reduction (hydrogen loss) (ISO 4491-2:2023)	77.160	2023-04
EN ISO 5667-1	Water quality – Sampling – Part 1: Guidance on the design of sampling programmes and sampling techniques (ISO 5667-1:2023)	13.060.45	2023-04
EN ISO 7439	Copper-bearing contraceptive intrauterine devices – Requirements and tests (ISO 7439:2023)	11.200	2023-04
EN ISO 8586	Sensory analysis – Selection and training of sensory assessors (ISO 8586:2023)	03.100.30; 67.240	2023-04
CEN ISO/TR 9241-100	Ergonomics of human-system interaction – Part 100: Overview of ISO 9241 software ergonomic standards (ISO/TR 9241-100:2023)	13.180; 35.180	2023-04
EN ISO 10651-4	Lung ventilators – Part 4: Particular requirements for user-powered resuscitators (ISO 10651-4:2023)	11.040.10	2023-04
EN ISO 11137-2/A1	Sterilization of health care products – Radiation – Part 2: Establishing the sterilization dose – Amendment 1 (ISO 11137-2:2013/Amd 1:2022)	11.080.01	2023-04
EN ISO 12216/A11	Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements	47.080	2023-04
EN ISO 13132	Laboratory glassware – Petri dishes (ISO 13132:2023)	71.040.20	2023-04
EN ISO 13297/A11	Small craft – Electrical systems – Alternating and direct current installations	47.080	2023-04
EN ISO 13520	Determination of ferrite content in austenitic stainless steel castings (ISO 13520:2023)	77.140.80	2023-04
EN ISO 14083	Greenhouse gases – Quantification and reporting of greenhouse gas emissions arising from transport chain operations (ISO 14083:2023)	13.020.40	2023-04
EN ISO 15083/A11	Small craft – Bilge-pumping systems	47.080	2023-04



Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 16387	Soil quality – Effects of contaminants on Enchytraeidae (Enchytraeus sp.) – Determination of effects on reproduction (ISO 16387:2023)	13.080.30	2023-04
EN ISO 17225-8	Solid biofuels – Fuel specifications and classes – Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use (ISO 17225-8:2023)	27.190; 75.160.40	2023-04
EN ISO 18123	Solid biofuels – Determination of volatile matter (ISO 18123:2023)	27.190; 75.160.40	2023-04
EN ISO 18246	Electrically propelled mopeds and motorcycles – Safety requirements for conductive connection to an external electric power supply (ISO 18246:2023)	43.140	2023-04
EN ISO 19157-1	Geographic information – Data quality – Part 1: General requirements (ISO 19157-1:2023)	35.240.70	2023-04
EN ISO 19160-4	Addressing – Part 4: International postal address components and template language (ISO 19160-4:2023)	35.240.70	2023-04
CEN ISO/TS 20440	Health informatics – Identification of medicinal products – Implementation guidelines for ISO 11239 data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging (ISO/TS 20440:2023)	35.240.80	2023-04
EN ISO 21177	Intelligent transport systems – ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2023)	03.220.01; 35.030; 35.240.60	2023-04
EN ISO 22476-5	Geotechnical investigation and testing – Field testing – Part 5: Prebored pressuremeter test (ISO 22476-5:2023)	93.020	2023-04
EN ISO 22712	Refrigerating systems and heat pumps – Competence of personnel (ISO 22712:2023)	27.080; 27.200	2023-04
EN ISO 23582-1	Plastics and rubber machines – Clamping systems – Part 1: Safety requirements for magnetic clamping systems (ISO 23582-1:2023)	83.200	2023-04
CEN ISO/TR 25060	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – General framework for Common Industry Format (CIF) for usability-related information (ISO/TR 25060:2023)	35.080	2023-04
EN ISO 25197/A11	Small craft – Electrical/electronic control systems for steering, shift and throttle	47.080	2023-04
EN ISO/IEC 29146	Information technology – Security techniques – A framework for access management (ISO/IEC 29146:2016, including Amd 1:2022)	35.030	2023-04
EN ISO/IEC 29184	Information technology – Online privacy notices and consent (ISO/IEC 29184:2020)	35.030	2023-04
EN ISO 41015	Facility management – Influencing organizational behaviours for improved facility outcomes (ISO 41015:2023)	03.080.10	2023-04

## Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50289-1-2	Communication cables – Specifications for test methods – Part 1-2: Electrical test methods – DC resistance	33.120.10; 33.120.20	2023-04
EN 50292	Electrical apparatus for the detection of carbon monoxide in domestic premises, caravans and boats – Guide on the selection, installation, use and maintenance	13.320	2023-04
EN 50518/A1	Monitoring and Alarm Receiving Centre	13.320	2023-04
EN 50705	Lighting equipment with radio communication – Safety requirements	29.140.99; 33.060.01	2023-04
EN IEC 60230/A1	Impulse tests on cables and their accessories (IEC 60230:2018/AMD1:2021)	29.060.20	2023-04
EN IEC 60255-187-1/AC	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/COR1:2023)	29.120.70	2023-04
EN IEC 60268-23	Sound system equipment – Part 23: TVs and monitors – Loudspeaker systems (IEC 60268-23:2023)	33.160.01; 33.160.50	2023-04
EN IEC 60350-1	Household electric cooking appliances – Part 1: Ranges, ovens, steam ovens and grills – Methods for measuring performance (IEC 60350-1:2023)	97.040.20	2023-04
EN IEC 60794-2-10	Optical fibre cables – Part 2-10: Indoor optical fibre cables – Family specification for simplex and duplex cables (IEC 60794-2-10:2023)	33.180.10	2023-04
EN IEC 60947-8	Low-voltage switchgear and controlgear – Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines (IEC 60947-8:2021)	29.130.20	2023-04
EN IEC 60966-3-3	Radio frequency and coaxial cable assemblies – Part 3-3: Detail specification for semi-flexible cable assemblies (jumper) – Frequency range up to 18 GHz, Type 50-141 semi-flexible coaxial cable (IEC 60966-3-3:2023)	33.120.01; 33.120.10	2023-04
EN IEC 60966-3-4	Radio frequency and coaxial cable assemblies – Part 3-4: Detail specification for semi-flexible cable assemblies (jumper) – Frequency range up to 6 GHz, Type 50-141 semi-flexible coaxial cable (IEC 60966-3-4:2023)	33.120.01; 33.120.10	2023-04
EN IEC 61124	Reliability testing – Compliance tests for constant failure rate and constant failure intensity (IEC 61124:2023)	03.120.30; 19.020; 21.020; 29.020	2023-04
EN IEC 61158-1	Industrial communication networks – Fieldbus specifications – Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series (IEC 61158-1:2023)	25.040.40; 33.040.40; 35.100.05; 35.110; 35.240.50	2023-04
EN IEC 61158-2	Industrial communication networks – Fieldbus specifications – Part 2: Physical layer specification and service definition (IEC 61158-2:2023)	25.040.40; 35.100.10; 35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61158-3-2	Industrial communication networks – Fieldbus specifications – Part 3-2: Data-link layer service definition – Type 2 elements (IEC 61158-3-2:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-3-4	Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements (IEC 61158-3-4:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-3-24	Industrial communication networks – Fieldbus specifications – Part 3-24: Data-link layer service definition – Type 24 elements (IEC 61158-3-24:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-3-28	Industrial communication networks – Fieldbus specifications – Part 3-28: Data-link layer service definition – Type 28 elements (IEC 61158-3-28:2023)	35.100.70; 35.160	2023-04
EN IEC 61158-4-2	Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements (IEC 61158-4-2:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-4-4	Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2023)	25.040.40; 35.100.20; 35.110; 35.160	2023-04
EN IEC 61158-4-28	Industrial communication networks – Fieldbus specifications – Part 4-28: Data-link layer protocol specification – Type 28 elements (IEC 61158-4-28:2023)	35.100.70; 35.160	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61158-5-23	Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23 elements (IEC 61158-5-23:2023)	25.040.40; 35.100.70; 35.110	2023-04
EN IEC 61158-5-24	Industrial communication networks – Fieldbus specifications – Part 5-24: Application layer service definition – Type 24 elements (IEC 61158-5-24:2023)	25.040.40; 35.100.70; 35.110	2023-04
EN IEC 61158-5-26	Industrial communication networks – Fieldbus specifications – Part 5-26: Application layer service definition – Type 26 elements (IEC 61158-5-26:2023)	25.040.40; 35.100.70; 35.110	2023-04
EN IEC 61158-5-27	Industrial communication networks – Fieldbus specifications – Part 5-27: Application layer service definition – Type 27 elements (IEC 61158-5-27:2023)	35.100.70; 35.160	2023-04
EN IEC 61158-5-28	Industrial communication networks – Fieldbus specifications – Part 5-28: Application layer service definition – Type 28 elements (IEC 61158-5-28:2023)	35.100.70; 35.160	2023-04
EN IEC 61158-6-27	Industrial communication networks – Fieldbus Specifications Part 6-27: Application layer protocol specification – Type 27 elements (IEC 61158-6-27:2023)	35.100.70; 35.160	2023-04
EN IEC 61547	Equipment for general lighting purposes – EMC immunity requirements (IEC 61547:2020)	29.020; 29.140.01; 33.100.10; 33.100.20; 91.160.01	2023-04
EN IEC 61784-1-1	Industrial networks – Profiles – Part 1-1: Fieldbus profiles – Communication Profile Family 1 (IEC 61784-1-1:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-2	Industrial networks – Profiles – Part 1-2: Fieldbus profiles – Communication Profile Family 2 (IEC 61784-1-2:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-3	Industrial networks – Profiles – Part 1-3: Fieldbus profiles – Communication Profile Family 3 (IEC 61784-1-3:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-4	Industrial networks – Profiles – Part 1-4: Fieldbus profiles – Communication Profile Family 4 (IEC 61784-1-4:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-5	Industrial networks – Profiles – Part 1-5: Fieldbus profiles – Communication Profile Family 5 (IEC 61784-1-5:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-6	Industrial networks – Profiles – Part 1-6: Fieldbus profiles – Communication Profile Family 6 (IEC 61784-1-6:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-8	Industrial networks – Profiles – Part 1-8: Fieldbus profiles – Communication Profile Family 8 (IEC 61784-1-8:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-1-22	Industrial networks – Profiles – Part 1-22: Fieldbus profiles – Communication Profile Family 22 (IEC 61784-1-22:2023)	33.020; 35.160; 35.240.50	2023-04
EN IEC 61784-2-0	Industrial networks – Profiles – Part 2-0: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – General concepts and terminology (IEC 61784-2-0:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-2-10	Industrial networks – Profiles – Part 2-10: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 10 (IEC 61784-2-10:2023)	35.100.20; 35.160; 35.240.50	2023-04
EN IEC 61784-2-19	Industrial networks – Profiles – Part 2-19: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 – CPF 19 (IEC 61784-2-19:2023)	33.020; 35.100.20; 35.160	2023-04
EN IEC 62271-110	High-voltage switchgear and controlgear – Part 110: Inductive load switching (IEC 62271-110:2023)	29.130.10	2023-04
EN IEC 62281/A2	Safety of primary and secondary lithium cells and batteries during transport (IEC 62281:2019/AMD2:2023)	29.220.01; 29.220.10	2023-04
EN IEC 62321-12	Determination of certain substances in electrotechnical products – Part 12: Simultaneous determination – Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry (IEC 62321-12:2023)	01.110; 13.020.01; 29.020; 29.100.01	2023-04
EN IEC 62386-150	Digital addressable lighting interface – Part 150: Particular requirements – Auxiliary power supply (IEC 62386-150:2023)	29.140.30; 29.140.50; 29.140.99; 35.240.99	2023-04
EN IEC 62439-3/AC	Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR) (IEC 62439-3:2021/COR1:2023)	25.040.40; 35.100.05; 35.110; 35.240.50	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 63203-204-1	Wearable electronic devices and technologies – Part 204-1: Electronic textile – Test method for assessing washing durability of e-textile products (IEC 63203-204-1:2023)	59.080.01; 59.080.80	2023-04
EN ISO/IEC 29146	Information technology – Security techniques – A framework for access management (ISO/IEC 29146:2016, including Amd 1:2022)	35.030	2023-04
EN ISO/IEC 29184	Information technology – Online privacy notices and consent (ISO/IEC 29184:2020)	35.030	2023-04



## Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 102230-2 V 14.0.0	Smart Cards – UICC-Terminal interface – Physical, electrical and logical test specification – Part 2: UICC features (Release 14)	35.240.15	2023-04
ETSI TS 102230-2 V 15.0.0	Smart Cards – UICC-Terminal interface – Physical, electrical and logical test specification – Part 2: UICC features (Release 15)	35.240.15	2023-04
ETSI TS 102230-2 V 16.0.0	Smart Cards – UICC-Terminal interface – Physical, electrical and logical test specification – Part 2: UICC features (Release 16)	35.240.15	2023-04
ETSI TS 102230-2 V 17.0.0	Smart Cards – UICC-Terminal interface – Physical, electrical and logical test specification – Part 2: UICC features (Release 17)	35.240.15	2023-04
ETSI TS 103481 V 16.2.0	Smart Cards – Test specification for the Remote APDU structure for UICC based applications – UICC features (Release 16)	35.240.15	2023-04
ETSI TR 103750 V 1.1.1	System Reference document (SRdoc) – Short Range Devices (SRD) using Ultra Wide Band (UWB) – Technical characteristics for UWB operation in the frequency band between 8,5 GHz to 10,6 GHz	33.100.10	2023-04
ETSI TR 103904 V 1.1.1	SmartM2M – SAREF extension investigation Requirements for the Smart Grid domain	33.200	2023-04
ETSI TS 121101 V 14.2.0	Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 14.2.0 Release 14)	33.070.50	2023-04
ETSI TS 121101 V 15.1.0	Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 15.1.0 Release 15)	33.070.50	2023-04
ETSI TS 121101 V 16.1.0	Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 16.1.0 Release 16)	33.070.50	2023-04
ETSI TS 121101 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 17.1.0 Release 17)	33.070.50	2023-04
ETSI TS 121201 V 14.2.0	LTE – Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 14.2.0 Release 14)	33.070.50	2023-04
ETSI TS 121201 V 15.1.0	LTE – Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 15.1.0 Release 15)	33.070.50	2023-04
ETSI TS 121201 V 16.1.0	LTE – Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 16.1.0 Release 16)	33.070.50	2023-04
ETSI TS 121201 V 17.1.1	LTE – Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 17.1.1 Release 17)	33.070.50	2023-04
ETSI TS 121205 V 15.1.0	5G – Technical Specifications and Technical Reports for a 5G based 3GPP system (3GPP TS 21.205 version 15.1.0 Release 15)	33.070.50	2023-04
ETSI TS 121205 V 16.1.0	5G – Technical Specifications and Technical Reports for a 5G based 3GPP system (3GPP TS 21.205 version 16.1.0 Release 16)	33.070.50	2023-04
ETSI TS 121205 V 17.1.0	5G – Technical Specifications and Technical Reports for a 5G based 3GPP system (3GPP TS 21.205 version 17.1.0 Release 17)	33.070.50	2023-04
ETSI TS 123003 V 16.11.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 16.11.1 Release 16)	33.070.50	2023-04
ETSI TS 123003 V 17.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 17.9.0 Release 17)	33.070.50	2023-04
ETSI TS 123247 V 17.6.0	5G – Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.6.0 Release 17)	33.070.50	2023-04
ETSI TS 123255 V 17.5.0	LTE – Application layer support for Uncrewed Aerial System (UAS) – Functional architecture and information flows (3GPP TS 23.255 version 17.5.0 Release 17)	33.070.50	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123256 V 17.6.0	5G – Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking – Stage 2 (3GPP TS 23.256 version 17.6.0 Release 17)	33.070.50	2023-04
ETSI TS 123273 V 16.11.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 16.11.0 Release 16)	33.070.50	2023-04
ETSI TS 123273 V 17.8.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 17.8.0 Release 17)	33.070.50	2023-04
ETSI TS 123287 V 17.6.0	5G – Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 17.6.0 Release 17)	33.070.50	2023-04
ETSI TS 123288 V 17.8.0	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.8.0 Release 17)	33.070.50	2023-04
ETSI TS 123304 V 17.6.0	5G – Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 17.6.0 Release 17)	33.070.50	2023-04
ETSI TS 123501 V 16.16.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.16.0 Release 16)	33.070.50	2023-04
ETSI TS 123501 V 17.8.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.8.0 Release 17)	33.070.50	2023-04
ETSI TS 123502 V 17.8.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.8.0 Release 17)	33.070.50	2023-04
ETSI TS 123503 V 16.14.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 16.14.0 Release 16)	33.070.50	2023-04
ETSI TS 123503 V 17.8.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 17.8.0 Release 17)	33.070.50	2023-04
ETSI TS 123558 V 17.7.0	5G – Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.7.0 Release 17)	33.070.50	2023-04
ETSI TS 124193 V 17.8.0	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 17.8.0 Release 17)	33.070.99	2023-04
ETSI TS 124229 V 11.30.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 11.30.0 Release 11)	33.070.50	2023-04
ETSI TS 124229 V 12.26.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 12.26.0 Release 12)	33.070.50	2023-04
ETSI TS 124229 V 13.21.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 13.21.0 Release 13)	33.070.50	2023-04
ETSI TS 124229 V 14.18.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 14.18.0 Release 14)	33.070.50	2023-04
ETSI TS 124229 V 15.15.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 15.15.0 Release 15)	33.070.50	2023-04
ETSI TS 124229 V 16.12.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 16.12.0 Release 16)	33.070.50	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124229 V 17.10.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 17.10.0 Release 17)	33.070.50	2023-04
ETSI TS 124301 V 17.10.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 17.10.0 Release 17)	33.070.50	2023-04
ETSI TS 124302 V 17.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks – Stage 3 (3GPP TS 24.302 version 17.8.0 Release 17)	33.070.50	2023-04
ETSI TS 124379 V 17.10.1	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 17.10.1 Release 17)	33.070.99	2023-04
ETSI TS 124385 V 17.2.0	LTE – V2X services Management Object (MO) (3GPP TS 24.385 version 17.2.0 Release 17)	33.070.50	2023-04
ETSI TS 124386 V 17.2.0	LTE – User Equipment (UE) to V2X control function – protocol aspects – Stage 3 (3GPP TS 24.386 version 17.2.0 Release 17)	33.070.50	2023-04
ETSI TS 124481 V 17.6.0	LTE – Mission Critical Services (MCS) group management – Protocol specification (3GPP TS 24.481 version 17.6.0 Release 17)	33.070.99	2023-04
ETSI TS 124484 V 17.9.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 124486 V 16.5.0	LTE – 5G – Vehicle-to-Everything (V2X) Application Enabler (VAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.486 version 16.5.0 Release 16)	33.070.99	2023-04
ETSI TS 124486 V 17.6.0	LTE – 5G – Vehicle-to-Everything (V2X) Application Enabler (VAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.486 version 17.6.0 Release 17)	33.070.99	2023-04
ETSI TS 124501 V 17.10.1	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 17.10.1 Release 17)	33.070.99	2023-04
ETSI TS 124502 V 17.8.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 17.8.0 Release 17)	33.070.99	2023-04
ETSI TS 124538 V 17.3.0	5G – Enabling MSGin5G Service – Protocol specification (3GPP TS 24.538 version 17.3.0 Release 17)	33.070.50	2023-04
ETSI TS 124544 V 16.5.0	5G – Group Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.544 version 16.5.0 Release 16)	33.070.99	2023-04
ETSI TS 124544 V 17.5.0	5G – Group Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.544 version 17.5.0 Release 17)	33.070.99	2023-04
ETSI TS 124545 V 16.6.1	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 16.6.1 Release 16)	33.070.99	2023-04
ETSI TS 124545 V 17.6.1	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 17.6.1 Release 17)	33.070.99	2023-04
ETSI TS 124546 V 16.3.0	5G – Configuration management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.546 version 16.3.0 Release 16)	33.070.99	2023-04
ETSI TS 124546 V 17.6.0	5G – Configuration management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.546 version 17.6.0 Release 17)	33.070.50	2023-04
ETSI TS 124547 V 17.3.0	5G – Identity management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.547 version 17.3.0 Release 17)	33.070.99	2023-04
ETSI TS 124548 V 16.4.0	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 16.4.0 Release 16)	33.070.99	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124548 V 17.4.1	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 17.4.1 Release 17)	33.070.99	2023-04
ETSI TS 124549 V 17.3.0	5G – Network slice capability enablement- Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification – Stage 3 (3GPP TS 24.549 version 17.3.0 Release 17)	33.070.50	2023-04
ETSI TS 124554 V 17.4.0	5G – Proximity-services (ProSe) in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.554 version 17.4.0 Release 17)	33.070.50	2023-04
ETSI TS 129122 V 16.15.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 16.15.0 Release 16)	33.070.99	2023-04
ETSI TS 129122 V 17.9.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 129222 V 15.13.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 15.13.0 Release 15)	33.070.99	2023-04
ETSI TS 129222 V 16.11.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 16.11.0 Release 16)	33.070.99	2023-04
ETSI TS 129222 V 17.8.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 17.8.0 Release 17)	33.070.99	2023-04
ETSI TS 129244 V 16.11.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 16.11.0 Release 16)	33.070.99	2023-04
ETSI TS 129244 V 17.8.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.8.0 Release 17)	33.070.99	2023-04
ETSI TS 129256 V 17.4.0	5G – Uncrewed Aerial Systems Network Function (UAS-NF) – Aerial Management Services – Stage 3 (3GPP TS 29.256 version 17.4.0 Release 17)	33.070.50	2023-04
ETSI TS 129273 V 17.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 17.6.0 Release 17)	33.070.50	2023-04
ETSI TS 129274 V 17.8.0	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 17.8.0 Release 17)	33.070.50	2023-04
ETSI TS 129500 V 16.13.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 16.13.0 Release 16)	33.070.99	2023-04
ETSI TS 129500 V 17.10.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 17.10.0 Release 17)	33.070.99	2023-04
ETSI TS 129502 V 17.8.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 17.8.0 Release 17)	33.070.99	2023-04
ETSI TS 129503 V 16.15.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 16.15.0 Release 16)	33.070.99	2023-04
ETSI TS 129503 V 17.10.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 17.10.0 Release 17)	33.070.99	2023-04
ETSI TS 129504 V 17.10.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 17.10.0 Release 17)	33.070.99	2023-04
ETSI TS 129507 V 17.9.0	5G – 5G System – Access and Mobility Policy Control Service – Stage 3 (3GPP TS 29.507 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 129508 V 17.10.0	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 17.10.0 Release 17)	33.070.99	2023-04
ETSI TS 129510 V 16.14.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 16.14.0 Release 16)	33.070.99	2023-04
ETSI TS 129510 V 17.9.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 129512 V 15.15.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 15.15.0 Release 15)	33.070.99	2023-04



Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129512 V 16.16.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 16.16.0 Release 16)	33.070.99	2023-04
ETSI TS 129512 V 17.10.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 17.10.0 Release 17)	33.070.99	2023-04
ETSI TS 129513 V 17.10.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 17.10.0 Release 17)	33.070.99	2023-04
ETSI TS 129514 V 16.16.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 16.16.0 Release 16)	33.070.99	2023-04
ETSI TS 129514 V 17.8.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 17.8.0 Release 17)	33.070.99	2023-04
ETSI TS 129517 V 17.9.0	5G – 5G System – Application Function Event Exposure Service – Stage 3 (3GPP TS 29.517 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 129518 V 16.15.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 16.15.0 Release 16)	33.070.99	2023-04
ETSI TS 129518 V 17.9.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 129519 V 15.11.0	5G – 5G System – Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure – Stage 3 (3GPP TS 29.519 version 15.11.0 Release 15)	33.070.99	2023-04
ETSI TS 129519 V 16.12.0	5G – 5G System – Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure – Stage 3 (3GPP TS 29.519 version 16.12.0 Release 16)	33.070.99	2023-04
ETSI TS 129519 V 17.10.0	5G – 5G System – Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure – Stage 3 (3GPP TS 29.519 version 17.10.0 Release 17)	33.070.99	2023-04
ETSI TS 129520 V 15.11.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 15.11.0 Release 15)	33.070.99	2023-04
ETSI TS 129520 V 16.13.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 16.13.0 Release 16)	33.070.99	2023-04
ETSI TS 129520 V 17.10.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 17.10.0 Release 17)	33.070.99	2023-04
ETSI TS 129521 V 17.8.0	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 17.8.0 Release 17)	33.070.99	2023-04
ETSI TS 129522 V 17.9.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 129531 V 17.7.0	5G – 5G System – Network Slice Selection Services – Stage 3 (3GPP TS 29.531 version 17.7.0 Release 17)	33.070.99	2023-04
ETSI TS 129537 V 17.2.0	5G – 5G System – Multicast/Broadcast Policy Control services – Stage 3 (3GPP TS 29.537 version 17.2.0 Release 17)	33.070.50	2023-04
ETSI TS 129552 V 17.4.0	5G – 5G System – Network Data Analytics signalling flows – Stage 3 (3GPP TS 29.552 version 17.4.0 Release 17)	33.070.50	2023-04
ETSI TS 129556 V 17.3.0	5G – Edge Application Server Discovery Services – Stage 3 (3GPP TS 29.556 version 17.3.0 Release 17)	33.070.50	2023-04
ETSI TS 129558 V 17.3.0	5G – Enabling Edge Applications – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.558 version 17.3.0 Release 17)	33.070.50	2023-04
ETSI TS 129565 V 17.3.0	5G – 5G System – Time Sensitive Communication and Time Synchronization Function Services – Stage 3 (3GPP TS 29.565 version 17.3.0 Release 17)	33.070.50	2023-04
ETSI TS 129571 V 17.9.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 129573 V 17.7.0	5G – 5G System – Public Land Mobile Network (PLMN) Interconnection – Stage 3 (3GPP TS 29.573 version 17.7.0 Release 17)	33.070.99	2023-04
ETSI TS 129579 V 17.2.0	5G – 5G System – Interworking MSC For Short Message Services – Stage 3 (3GPP TS 29.579 version 17.2.0 Release 17)	33.070.50	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129580 V 17.2.0	5G – 5G System – Multicast/Broadcast Service Function services – Stage 3 (3GPP TS 29.580 version 17.2.0 Release 17)	33.070.50	2023-04
ETSI TS 129581 V 17.3.0	5G – 5G System – Multicast/Broadcast Service Transport Services – Stage 3 (3GPP TS 29.581 version 17.3.0 Release 17)	33.070.50	2023-04
ETSI TS 129591 V 17.9.0	5G – 5G System – Network Exposure Function Southbound Services – Stage 3 (3GPP TS 29.591 version 17.9.0 Release 17)	33.070.99	2023-04
ETSI TS 129675 V 16.5.0	LTE – 5G – User Equipment (UE) radio capability provisioning service – Stage 3 (3GPP TS 29.675 version 16.5.0 Release 16)	33.070.50	2023-04
ETSI TS 129675 V 17.7.0	LTE – 5G – User Equipment (UE) radio capability provisioning service – Stage 3 (3GPP TS 29.675 version 17.7.0 Release 17)	33.070.50	2023-04
ETSI TS 131102 V 17.9.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 17.9.0 Release 17)	33.070.50	2023-04
ETSI TS 131111 V 15.13.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 15.13.0 Release 15)	33.070.50	2023-04
ETSI TS 131111 V 16.8.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 16.8.0 Release 16)	33.070.50	2023-04
ETSI TS 131121 V 16.11.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.11.0 Release 16)	33.070.50	2023-04
ETSI TS 131124 V 16.11.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 16.11.0 Release 16)	33.070.50	2023-04
ETSI TS 131130 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – (U)SIM Application Programming Interface (API) – (U)SIM API for Java Card (3GPP TS 31.130 version 17.2.0 Release 17)	33.070.50	2023-04
ETSI TS 136300 V 17.4.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 17.4.0 Release 17)	33.070.50	2023-04
ETSI TS 136304 V 16.8.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 16.8.0 Release 16)	33.070.50	2023-04
ETSI TS 136304 V 17.4.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 17.4.0 Release 17)	33.070.50	2023-04
ETSI TS 136306 V 16.11.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 16.11.0 Release 16)	33.070.50	2023-04
ETSI TS 136306 V 17.4.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 17.4.0 Release 17)	33.070.50	2023-04
ETSI TS 136321 V 17.4.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 17.4.0 Release 17)	33.070.50	2023-04
ETSI TS 137213 V 16.12.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 16.12.0 Release 16)	33.070.99	2023-04
ETSI TS 137213 V 17.5.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 17.5.0 Release 17)	33.070.99	2023-04
ETSI TS 138212 V 16.11.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 16.11.0 Release 16)	33.070.99	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138212 V 17.5.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 17.5.0 Release 17)	33.070.99	2023-04
ETSI TS 138213 V 16.13.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 16.13.0 Release 16)	33.070.99	2023-04
ETSI TS 138213 V 17.5.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 17.5.0 Release 17)	33.070.99	2023-04
ETSI TS 138214 V 16.13.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 16.13.0 Release 16)	33.070.99	2023-04
ETSI TS 138214 V 17.5.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 17.5.0 Release 17)	33.070.99	2023-04
ETSI TS 138215 V 16.6.0	5G – NR – Physical layer measurements (3GPP TS 38.215 version 16.6.0 Release 16)	33.070.99	2023-04
ETSI TS 138215 V 17.3.0	5G – NR – Physical layer measurements (3GPP TS 38.215 version 17.3.0 Release 17)	33.070.99	2023-04
ETSI TS 138300 V 15.14.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 15.14.0 Release 15)	33.070.99	2023-04
ETSI TS 138300 V 16.12.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 16.12.0 Release 16)	33.070.99	2023-04
ETSI TS 138300 V 17.4.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 17.4.0 Release 17)	33.070.99	2023-04
ETSI TS 138305 V 17.4.0	5G – NG Radio Access Network (NG-RAN) – Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 17.4.0 Release 17)	33.070.99	2023-04
ETSI TS 138306 V 15.20.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.20.0 Release 15)	33.070.99	2023-04
ETSI TS 138306 V 16.12.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.12.0 Release 16)	33.070.99	2023-04
ETSI TS 138321 V 17.4.0	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 17.4.0 Release 17)	33.070.99	2023-04
ETSI TS 138323 V 17.4.0	5G – NR – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 17.4.0 Release 17)	33.070.99	2023-04
ETSI TS 138331 V 15.21.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 15.21.0 Release 15)	33.070.99	2023-04
ETSI TS 138331 V 16.12.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 16.12.0 Release 16)	33.070.99	2023-04
ETSI TS 138340 V 17.4.0	5G – NR – Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 17.4.0 Release 17)	33.070.99	2023-04
ETSI TS 138351 V 17.4.0	5G – NR – Sidelink Relay Adaptation Protocol (SRAP) Specification (3GPP TS 38.351 version 17.4.0 Release 17)	33.070.50	2023-04
ETSI ES 201873-6 V 4.14.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 6: TTCN-3 Control Interface (TCI)	33.020; 35.100.60	2023-04
ETSI GS F5G 013 V 1.1.1	Fifth Generation Fixed Network (F5G) – F5G Technology Landscape Release 2	33.070.99; 35.110	2023-04
ETSI GR mWT 028 V 1.1.1	New KPI's for planning microwave and millimeter wave backhaul network	33.040.20; 33.070.99; 35.110	2023-04
ETSI GR PDL 018 V 1.1.1	Permissioned Distributed Ledger (PDL) – Redactable Distributed Ledgers	35.240.99	2023-04
ETSI GR RIS 001 V 1.1.1	Reconfigurable Intelligent Surfaces (RIS) – Use Cases, Deployment Scenarios and Requirements	33.070.99; 35.110	2023-04
ETSI GS MEC 002 V 3.1.1	Multi-access Edge Computing (MEC) – Use Cases and Requirements	33.070.99	2023-04
ETSI GS mWT 024 V 1.2.1	millimetre Wave Transmission (mWT) – Definition of a Wireless Transport Profile for Standard SDN Northbound Interfaces	33.040.20	2023-04
ETSI GS NFV-SOL 003 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – RESTful protocols specification for the Or-Vnfm Reference Point	35.110	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS QKD 016 V 1.1.1	Quantum Key Distribution (QKD) – Common Criteria Protection Profile – Pair of Prepare and Measure Quantum Key Distribution Modules	35.240.15	2023-04
ETSI GS ZSM 007 V 2.1.1	Zero-touch network and Service Management (ZSM) – Terminology for concepts in ZSM	35.080	2023-04
ETSI TS 123003 V 16.11.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 16.11.0 Release 16)	33.070.50	2023-04



## Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 161-1 AMD 1	Thermoplastics pipes for the conveyance of fluids – Nominal outside diameters and nominal pressures – Part 1: Metric series; Amendment 1	23.040.20	2023-04
ISO 262	ISO general purpose metric screw threads – Selected sizes for bolts, screws, studs and nuts	21.040.10	2023-04
ISO 724	ISO general purpose metric screw threads – Basic dimensions	21.040.10	2023-04
ISO 1407	Rubber – Determination of solvent extract	83.060	2023-04
ISO 3444	Stainless-steel wire ropes	77.140.65	2023-04
ISO 4250-1	Earth-mover tyres and rims – Part 1: Tyre designation and dimensions	83.160.99	2023-04
ISO 4250-2	Earth-mover tyres and rims – Part 2: Loads and inflation pressures	83.160.99	2023-04
ISO 4254-13	Agricultural machinery – Safety – Part 13: Large rotary mowers	65.060.01	2023-04
ISO 4491-2	Metallic powders – Determination of oxygen content by reduction methods – Part 2: Loss of mass on hydrogen reduction (hydrogen loss)	77.160	2023-04
ISO 4907-1	Plastics – Ion exchange resin – Part 1: Determination of exchange capacity of acrylic anion exchange resins	83.080.01	2023-04
ISO 4907-2	Plastics – Ion exchange resin – Part 2: Determination of water content of anion exchange resins in hydroxide form by centrifugation	83.080.01	2023-04
ISO 4907-3	Plastics – Ion exchange resin – Part 3: Determination of exchange capacity of anion exchange resins in hydroxide form	83.080.01	2023-04
ISO 5162	Textiles – Quality labelling specification for dehaired cashmere	59.060.10	2023-04
ISO/TS 5206-1	Intelligent transport systems – Parking – Part 1: Core data model	03.220.01; 03.220.20; 35.240.60	2023-04
ISO 5684	Adhesives – Floor covering adhesives and products for flooring installation – Assessment and classification of low volatile organic compound (VOC) products	83.180	2023-04
ISO 5718-1	Harvesting equipment – Requirements for cutting elements – Part 1: Blades used on rotary disc mowers and rotary drum mowers	65.060.50	2023-04
ISO 5718-2	Harvesting equipment – Requirements for cutting elements – Part 2: Blades used on large rotary mowers	65.060.50	2023-04
ISO 5773	Textiles – Determination of components in flax fibres	59.060.10	2023-04
ISO 5774	Plastics hoses – Textile-reinforced types for compressed-air applications – Specification	23.040.70	2023-04
ISO/TR 6057	Hydraulic fluid power – Sample calculations for ISO 11171	23.100.60	2023-04
ISO/DTR 6307	Effect of conductivity on multipass testing as per ISO 4548-12:2017	27.020	2023-04
ISO/TR 6409	Road vehicles – Analysis of technical changes of ISO 5011:2020	43.060.20	2023-04
ISO/TR 7015	Ergonomics – The application of ISO/TR 12295, ISO 11226, the ISO 11228 series and ISO/TR 23476 in the construction sector (civil construction)	13.180	2023-04
ISO 7124	Eggs and egg products – Determination of fipronil and metabolites residues – Liquid chromatography tandem mass spectrometry method	67.120.20	2023-04
ISO 7217	Titanium and titanium alloys – Bar, rod and billet – Technical delivery conditions	77.120.50	2023-04
ISO 7439	Copper-bearing contraceptive intrauterine devices – Requirements and tests	11.200	2023-04
ISO/IEC 7816-6	Identification cards – Integrated circuit cards – Part 6: Interindustry data elements for interchange	35.240.15	2023-04
ISO 7914	Forestry machinery – Portable chain-saws – Minimum handle clearance and sizes	65.060.80	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 8586	Sensory analysis – Selection and training of sensory assessors	03.100.30; 67.240	2023-04
ISO 8639	Glass-reinforced thermosetting plastics (GRP) pipes and fittings – Test methods for leaktightness and proof of structural design of flexible joints	23.040.60	2023-04
ISO 9022-23	Optics and photonics – Environmental test methods – Part 23: Low pressure combined with cold, ambient temperature and dry or damp heat	37.020	2023-04
ISO 10791-2	Test conditions for machining centres – Part 2: Geometric tests for machines with vertical spindle (vertical Z-axis)	25.040.10	2023-04
ISO 11992-4	Road vehicles – Interchange of digital information on electrical connections between towing and towed vehicles – Part 4: Diagnostic communication	43.040.15	2023-04
ISO 12460-1 AMD 1	Wood-based panels – Determination of formaldehyde release – Part 1: Formaldehyde emission by the 1-cubic-metre chamber method – Amendment 1: Other analytical procedures	79.060.01	2023-04
ISO 13132	Laboratory glassware – Petri dishes	11.100.01; 71.040.20	2023-04
ISO/IEC 13818-1 Technical Corrigendum 1	Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems – Technical Corrigendum 1: Adding missing fieldcompatibleProfileSetsPresent; Technical Corrigendum 1	35.040.40	2023-04
ISO/IEC 13818-1 AMD 1	Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems – Amendment 1: Carriage of LCEVC and other improvements	35.040.40	2023-04
ISO 13849-1	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design	13.110	2023-04
ISO/IEC 14543-4-302	Information technology – Home Electronic System (HES) architecture – Part 4-302: Application protocols for electrical storage systems and controllers	35.240.67	2023-04
ISO/IEC 14776-253	Information technology – Small Computer System Interface (SCSI) – Part 253: USB attached SCSI – 3 (UAS-3)	35.200	2023-04
ISO 15739	Photography – Electronic still-picture imaging – Noise measurements	37.040.99	2023-04
ISO/TS 15926-11	Industrial automation systems and integration – Integration of life-cycle data for process plants including oil and gas production facilities – Part 11: Simplified industrial usage of reference data based on RDFS methodology	25.040.40; 75.020	2023-04
ISO 16245	Information and documentation – Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents	01.140.20	2023-04
ISO/TS 16774-2	Test methods for repair materials for water-leakage cracks in underground concrete structures – Part 2: Test method for chemical resistance	91.080.40	2023-04
ISO/TS 16774-3	Test methods for repair materials for water-leakage cracks in underground concrete structures – Part 3: Test method for water (wash out) resistance	91.080.40	2023-04
ISO/TS 16774-4	Test methods for repair materials for water-leakage cracks in underground concrete structures – Part 4: Test method for adhesion on wet concrete surface	91.080.40	2023-04
ISO 17663	Welding – Quality requirements for heat treatment in connection with welding and allied processes	25.160.01	2023-04
ISO/IEC 18013-2 AMD 1	Personal identification – ISO-compliant driving licence – Part 2: Machine-readable technologies – Amendment 1: DG11 length for compact encoding	35.240.15	2023-04
ISO/IEC 18013-3 AMD 2	Information technology – Personal identification – ISO-compliant driving licence – Part 3: Access control, authentication and integrity validation – Amendment 2: Updates for passive authentication	35.240.15	2023-04
ISO 18274	Welding consumables – Solid wire electrodes, solid strip electrodes, solid wires and solid rods for fusion welding of nickel and nickel alloys – Classification	25.160.20	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 19124-1	Geographic information – Calibration and validation of remote sensing data and derived products – Part 1: Fundamentals	35.240.70	2023-04
ISO 19156	Geographic information – Observations, measurements and samples	35.240.70	2023-04
ISO 19157-1	Geographic information – Data quality – Part 1: General requirements	35.240.70	2023-04
ISO 19160-4	Addressing – Part 4: International postal address components and template language	35.240.70	2023-04
ISO 19408	Footwear – Sizing – Vocabulary	01.040.61; 61.060	2023-04
ISO/IEC 20008-2 AMD 2	Information technology – Security techniques – Anonymous digital signatures – Part 2: Mechanisms using a group public key; Amendment 2	35.030	2023-04
ISO/DTR 20123	Automation systems and integration – Industrial data – Nuclear digital ecosystem specifications	35.240.63	2023-04
ISO 20404	Biotechnology – Bioprocessing – General requirements for the design of packaging to contain cells for therapeutic use	7.080	2023-04
ISO/TS 20459	Road vehicles – Injury risk functions for advanced pedestrian legform impactor (aPLI)	43.020	2023-04
ISO 20671-3	Brand evaluation – Part 3: Requirements and recommendations for brands related to geographical indications	3.140	2023-04
ISO 21177	Intelligent transport systems – ITS station security services for secure session establishment and authentication between trusted devices	03.220.01; 35.030; 35.240.60	2023-04
ISO 21349	Space systems – Project reviews	49.140	2023-04
ISO 21350	Space systems – Off-the-shelf item utilization	49.140	2023-04
ISO 21928-2	Sustainability in buildings and civil engineering works – Sustainability indicators – Part 2: Framework for the development of indicators for civil engineering works	91.040.01	2023-04
ISO 22007-7	Plastics – Determination of thermal conductivity and thermal diffusivity – Part 7: Transient measurement of thermal effusivity using a plane heat source	83.080.01	2023-04
ISO 22342	Security and resilience – Protective security – Guidelines for the development of a security plan for an organization	03.100.01; 13.310	2023-04
ISO/DTR 22514-9	Statistical methods in process management – Capability and performance – Part 9: Process capability statistics for characteristics defined by geometrical specifications	03.120.30; 17.040.40	2023-04
ISO 22519	Membrane-based generation of water for injection (WFI)	13.060.01	2023-04
ISO 22935-1	Milk and milk products – Sensory analysis – Part 1: Recruitment, selection, training and monitoring of assessors	03.100.30; 67.100.01	2023-04
ISO 22935-2	Milk and milk products – Sensory analysis – Part 2: Methods for sensory evaluation	67.100.01	2023-04
ISO 22935-3	Milk and milk products – Sensory analysis – Part 3: Method for evaluation of compliance with product specifications for sensory properties by scoring	67.100.01	2023-04
ISO/TS 23494-1	Biotechnology – Provenance information model for biological material and data – Part 1: Design concepts and general requirements	7.080	2023-04
ISO 23629-5	UAS traffic management (UTM) – Part 5: UTM functional structure	49.020	2023-04
ISO 23629-8	UAS traffic management (UTM) – Part 8: Remote identification	49.020	2023-04
ISO 23684	Road vehicles – Technical personnel dealing with natural gas vehicles (NGVs) – Training and qualification	03.100.30; 43.020	2023-04
ISO 23701	Optics and photonics – Laser and laser-related equipment – Photothermal technique for absorption measurement and mapping of optical laser components	31.260	2023-04
ISO 23949	Plastics – Application of spread of flame test to plastic pipes	13.220.40; 23.040.20; 83.080.01	2023-04
ISO/TR 24374	Financial services – Security information for PKI in blockchain and DLT implementations	35.030; 35.240.40	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 24469	Road wear test of studded tyres	83.160.01	2023-04
ISO/DTR 24666	Sports and recreational facilities – Probes for entrapment/entanglement on playground equipment – Collection of data	97.200.40	2023-04
ISO 24687	Fine ceramics (advanced ceramics, advanced technical ceramics) – Measurement of Seebeck coefficient and electrical conductivity of bulk-type thermoelectric materials at room and high temperatures	81.060.30	2023-04
ISO/TR 25060	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – General framework for Common Industry Format (CIF) for usability-related information	35.080	2023-04
ISO 28560-3	Information and documentation – RFID in libraries – Part 3: Fixed length encoding	35.040.50; 35.240.30	2023-04
ISO/IEC TS 33010	Information technology – Process assessment – Guidance for performing process assessments	35.080	2023-04
ISO/TS 50011	Energy management systems – Assessing energy management using ISO 50001:2018	27.015	2023-04
ISO/ASTM 51900	Guidance for dosimetry for radiation research	17.240; 67.020	2023-04



## Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CISPR 16-1-4 AMD 2	Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements; Amendment 2	33.100.10; 33.100.20	2023-04
CISPR 16-1-4 Edition 4.2	Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements	33.100.01; 33.100.10; 33.100.20	2023-04
IEC Guide 115	Application of measurement uncertainty to conformity assessment activities in the electrotechnical sector	17.020; 19.080; 29.020	2023-04
IECQ 01-S	IEC Quality Assessment System for Electronic Components (IECQ System) – IECQ Supplement to IEC Conformity Assessment Systems – Basic Rules IEC CA 01; Edition 2.3	03.120.20	2023-04
IEC/TR 63500	Unified power flow controller (UPFC) installations – System tests	29.200; 29.240.99	2023-04
IEC/TR 61850-7-6	Communication networks and systems for power utility automation – Part 7-6: Guideline for definition of Basic Application Profiles (BAPs) using IEC 61850	33.200; 35.240.50	2023-04
IEC/TR 63283-5	Industrial-process measurement, control and automation – Smart manufacturing – Part 5: Market and innovation trends analysis	03.100.20; 25.040.40; 35.240.50	2023-04
IEC/TR 62284	Effective area measurements of single-mode optical fibres – Guidance	33.180.01	2023-04
IEC/TR 63323	Fibre optic interconnecting devices and passive components – A study of an SC connector adaptor with safety lock mechanism	33.180.20	2023-04
IEC/TR 61760-5-1	IEC/TR 61760-5-1, Ed. 1.0: Surface strain on circuit boards – Part 5-1: Strain gauge measurement applied to chip components	31.180	2023-04
IEC/TR 62933-3-200	Electrical Energy Storage (EES) Systems – Part 3-200: Design principles of electrochemical based EES systems	27.010	2023-04
IEC 60255-187-1 Corrigendum 1	Measuring relays and protection equipment – Part 187-1: Functional requirements for differential protection – Restrained and unrestrained differential protection of motors, generators and transformers; Corrigendum 1	29.120.70	2023-04
IEC 60794-1-301	Optical fibre cables – Part 1-301: Generic specification – Basic optical cable test procedures – Cable elements test methods – Bend test, method G1	33.180.10	2023-04
IEC 60794-1-303	Optical fibre cables – Part 1-303: Generic specification – Basic optical cable test procedures – Ribbon dimensions – Aperture gauge, method G3	33.180.10	2023-04
IEC 60794-1-309	Optical fibre cables – Part 1-309: Generic specification – Basic optical cable test procedures – Cable element test methods – Bleeding and evaporation of filling or flooding compounds, Method G9	33.180.10	2023-04
IEC 60838-2-3 AMD 1	Miscellaneous lampholders – Part 2-3: Particular requirements – Lampholders for double-capped linear LED lamps; Amendment 1	29.140.10	2023-04
IEC 60838-2-3 Edition 1.1	Miscellaneous lampholders – Part 2-3: Particular requirements – Lampholders for double-capped linear LED lamps	29.140.10	2023-04
IEC 61744	Calibration of fibre optic chromatic dispersion test sets	33.140; 33.180.01	2023-04
IEC 62386-250	Digital addressable lighting interface – Part 250: Particular requirements – Integrated power supply (device type 49)	29.140.30; 29.140.50; 29.140.99; 35.240.99	2023-04
IEC 62386-251	Digital addressable lighting interface – Part 251: Particular requirements – Memory bank 1 extension (device type 50)	29.140.30; 29.140.50; 29.140.99; 35.240.99	2023-04
IEC 62386-252	Digital addressable lighting interface – Part 252: Particular requirements – Energy reporting (device type 51)	29.140.30; 29.140.50; 29.140.99; 35.240.99	2023-04
IEC 62386-253	Digital addressable lighting interface – Part 253: Particular requirements – Diagnostics and maintenance (device type 52)	29.140.30; 29.140.50; 29.140.99; 35.240.99	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62439-3 Corrigendum 1	Industrial communication networks – High availability automation networks – Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR); Corrigendum 1	25.040.40; 35.110; 35.240.50	2023-04
IEC/TS 62607-6-2	Nanomanufacturing – Key control characteristics – Part 6-2: Graphene – Number of layers: atomic force microscopy, optical transmission, Raman spectroscopy	7.120	2023-04
IEC 62769-1	Field device integration (FDI) – Part 1: Overview	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-2	Field device integration (FDI) – Part 2: Client	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-3	Field device integration (FDI) – Part 3: Server	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-4	Field Device Integration (FDI) – Part 4: FDI Packages	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-5	Field device integration (FDI) – Part 5: FDI Information Model	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-6	Field device integration (FDI) – Part 6: FDI Technology Mappings	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-6-100	Field Device Integration (FDI) – Part 6-100: Technology Mapping – .Net	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-6-200	Field Device Integration (FDI) – Part 6-200: Technology Mapping – HTML5	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-7	Field Device Integration (FDI) – Part 7: Communication Devices	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-8	Field device integration (FDI) – Part 8: EDD to OPC-UA Mapping	25.040.40; 33.040.40; 35.240.50	2023-04
IEC 62769-100	Field device integration (FDI) – Part 100: Profiles – Generic Protocols	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-101-1	Field device Integration (FDI) – Part 101-1: Profiles – Foundation Fieldbus H1	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-101-2	Field Device Integration (FDI) – Part 101-2: Profiles – Foundation Fieldbus HSE	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-102-2	Field device integration (FDI) – Part 102-2: Profiles – EtherNet/IP	25.040.40; 33.040.40; 35.240.50	2023-04
IEC 62769-103-1	Field Device Integration (FDI) – Part 103-1: Profiles – PROFIBUS	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-103-4	Field Device Integration (FDI) – Part 103-4: PROFINET	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-109-1	Field device integration (FDI) – Part 109-1: Profiles – HART and WirelessHART	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-150-1	Field device integration (FDI) – Part 150-1: Profiles – ISA100	25.040.40; 35.100.05; 35.240.50	2023-04
IEC 62769-151-1	Field device integration (FDI) – Part 151-1: Profiles – OPC UA	25.040.40; 33.040.40; 35.240.50	2023-04
IEC/TR 62898-4	Microgrids – Part 4: Use cases	29.240.01	2023-04
IEC 63132-5	Guidance for installation procedures and tolerances of hydroelectric machines – Part 5: Bulb turbines and generators	27.140	2023-04
IEC 63132-6	Guidance for installation procedures and tolerances of hydroelectric machines – Part 6: Vertical Pelton turbines	27.140	2023-04
ISO/IEC 7816-6	Identification cards – Integrated circuit cards – Part 6: Interindustry data elements for interchange	35.240.15	2023-04
ISO/IEC 13818-1 Technical Corrigendum 1	Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems – Technical Corrigendum 1: Adding missing field compatibleProfileSetsPresent; Technical Corrigendum 1	35.040.40	2023-04

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 13818-1 AMD 1	Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems – Amendment 1: Carriage of LCEVC and other improvements	35.040.40	2023-04
ISO/IEC 14543-4-302	Information technology – Home Electronic System (HES) architecture – Part 4-302: Application protocols for electrical storage systems and controllers	35.240.67	2023-04
ISO/IEC 14776-253	Information technology – Small Computer System Interface (SCSI) – Part 253: USB attached SCSI – 3 (UAS-3)	35.200	2023-04
ISO/IEC 18013-2 AMD 1	Personal identification – ISO-compliant driving licence – Part 2: Machine-readable technologies – Amendment 1: DG11 length for compact encoding	35.240.15	2023-04
ISO/IEC 18013-3 AMD 2	Information technology – Personal identification – ISO-compliant driving licence – Part 3: Access control, authentication and integrity validation – Amendment 2: Updates for passive authentication	35.240.15	2023-04
ISO/IEC 20008-2 AMD 2	Information technology – Security techniques – Anonymous digital signatures – Part 2: Mechanisms using a group public key; Amendment 2	35.030	2023-04
ISO/IEC TS 33010	Information technology – Process assessment – Guidance for performing process assessments	35.080	2023-04