

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 21, *Protupožarna i vatrogasna oprema*

HRN EN 12259-12:2023 en pr
Stabilni protupožarni sustavi – Dijelovi sustava za prskanje (sprinkler sustava) i sustava raspršene vode – 12. dio: Pumpe (EN 12259-12:2023)
Fixed firefighting systems – Components for sprinkler and water spray systems – Part 12: Pumps (EN 12259-12:2023)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 1089:2023 en pr
Oprema za elektrotopno zavarivanje – Elektrodni konični dosjedi za opremu za točkasto zavarivanje – Dimenzije (ISO 1089:2023; EN ISO 1089:2023)
Resistance welding equipment – Electrode taper fits for spot welding equipment – Dimensions (ISO 1089:2023; EN ISO 1089:2023)

HRN EN ISO 3581:2023 en pr
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje nehrđajućih i vatrootpornih čelika – Razredba (ISO 3581:2023; EN ISO 3581:2023)
Welding consumables – Covered electrodes for manual metal arc welding of stainless and heat-resisting steels – Classification (ISO 3581:2023; EN ISO 3581:2023)

HRN EN ISO 14172:2023 en pr
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje nikla i legura nikla – Razredba (ISO 14172:2023; EN ISO 14172:2023)
Welding consumables – Covered electrodes for manual metal arc welding of nickel and nickel alloys – Classification (ISO 14172:2023; EN ISO 14172:2023)

HRN EN ISO 14920:2023 en pr
Toplinsko naštrcavanje – Naštrcavanje i spajanje legura koje sadržavaju talilo (ISO 14920:2023; EN ISO 14920:2023)
Thermal spraying – Spraying and fusing of self-fluxing alloys (ISO 14920:2023; EN ISO 14920:2023)

HZN/TO 71, *Beton*

HRN EN 17678-2:2023 en pr
Ugradnja sklopova za naknadno napinjanje za prednapinjanje konstrukcija – 2. dio: Ocjenjivanje osoblja (EN 17678-2:2023)
Installation of post-tensioning kits for prestressing of structures – Part 2: Assessment of personnel (EN 17678-2:2023)

HZN/TO 120, *Koža i obuća*

HRN EN 17900:2023 en pr
Koža – Standardni podaci za izračunavanje gustoće kože (EN 17900:2023)
Leather – Standard data for the calculation of leather density (EN 17900:2023)

HRN EN ISO 18218-1:2023 en pr
Koža – Određivanje etoksiliranih alkilfenola – 1. dio: Izravna metoda (ISO 18218-1:2023; EN ISO 18218-1:2023)
Leather – Determination of ethoxylated alkylphenols (APEO) – Part 1: Direct method (ISO 18218-1:2023; EN ISO 18218-1:2023)

HZN/TO 134, *Gnojiva i poboljšivači tla*

HRN EN 15560:2023 en pr
Mineralna gnojiva – Određivanje ukupnog dušika u kalcijevom cijanamidu bez nitrata (EN 15560:2023)
Inorganic fertilizers – Determination of total nitrogen in calcium cyanamide nitrate free (EN 15560:2023)

HRN EN 15561:2023 en pr
Mineralna gnojiva – Određivanje ukupnog dušika u kalcijevom cijanamidu koji sadrži nitrata (EN 15561:2023)
Inorganic fertilizers – Determination of total nitrogen in calcium cyanamide containing nitrates (EN 15561:2023)

HRN EN 15562:2023 en pr
Mineralna gnojiva – Određivanje cijanamidnog dušika (EN 15562:2023)
Inorganic fertilizers – Determination of cyanamide nitrogen (EN 15562:2023)

HZN/TO 146, *Kvaliteta zraka*

HRN EN 12341:2023 en pr
Vanjski zrak – Određivanje masene koncentracije frakcije PM10 ili PM2,5 lebdećih čestica standardnom gravimetrijskom metodom (EN 12341:2023)
Ambient air – Standard gravimetric measurement method for the determination of the PM10 or PM2,5 mass concentration of suspended particulate matter (EN 12341:2023)

HZN/TO 147, *Kvaliteta vode*

HRN EN ISO 13164-4:2023 en pr
Kvaliteta vode – Radon-222 – 4. dio: Metoda ispitivanja s uporabom dvofazne tekućinske scintilacije (ISO 13164-4:2023; EN ISO 13164-4:2023)
Water quality – Radon-222 – Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2023; EN ISO 13164-4:2023)

HRN EN ISO 23196:2023 en pr
Kvaliteta vode – Računanje biološki ekvivalentnih (BEQ) koncentracija (ISO 23196:2022; EN ISO 23196:2023)
Water quality – Calculation of biological equivalence (BEQ) concentrations (ISO 23196:2022; EN ISO 23196:2023)

HZN/TO 163, *Toplinska izolacija*

HRN EN ISO 6781-1:2023 en pr
Značajke zgrada – Otkrivanje nepravilnosti povezanih s toplinom, zrakom i vlagom u zgradama pomoću infracrvenih metoda – 1. dio: Opći postupci (ISO 6781-1:2023; EN ISO 6781-1:2023)
Performance of buildings – Detection of heat, air and moisture irregularities in buildings by infrared methods – Part 1: General procedures (ISO 6781-1:2023; EN ISO 6781-1:2023)

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

HRN EN 14350:2023 en pr
Proizvodi za dojenčad i malu djecu – Oprema za tekuću hranu – Sigurnosni zahtjevi i metode ispitivanja (EN 14350:2020+A1:2023)
Child care articles – Drinking equipment – Safety requirements and test methods (EN 14350:2020+A1:2023)

HZN/TO 211, *Geoinformacije/Geomatika*

HRN EN ISO 19111:2020/A2:2023 en pr
Geoinformacije – Referenciranje koordinatama (ISO 19111:2019/Amd 2:2023; EN ISO 19111:2020/A2:2023)
Geographic information – Referencing by coordinates (ISO 19111:2019/Amd 2:2023; EN ISO 19111:2020/A2:2023)

HRN EN ISO 19115-3:2023 en pr
Geoinformacije – Metapodaci – 3. dio: Implementacija XML sheme za osnovne koncepte (ISO 19115-3:2023; EN ISO 19115-3:2023)
Geographic information – Metadata – Part 3: XML schema implementation for fundamental concepts (ISO 19115-3:2023; EN ISO 19115-3:2023)

HZN/TO 215, Zdravstvena informatika

HRN EN ISO/IEEE 11073-10419:2023 en pr
Medicinska informatika – Povezivost osobnoga medicinskog uređaja – 10419. dio: Namjena uređaja – Inzulinska pumpa (ISO/IEEE 11073-10419:2019; EN ISO/IEEE 11073-10419:2023)
Health informatics – Personal health device communication – Part 10419: Device specialization – Insulin pump (ISO/IEEE 11073-10419:2019; EN ISO/IEEE 11073-10419:2023)

HZN/TO 502, Plinski uređaji

HRN EN 15502-2-3:2023 en pr
Gas-fired central heating boilers – Part 2-3: Specific standard for hybrid units combining a gas-fired boiler and an electrical heat pump in a product (EN 15502-2-3:2023)

HZN/TO 503, Metalni materijali

HRN EN ISO 204:2023 en pr
Metalni materijali – Jednoosno ispitivanje puzanja pri vlačnome naprezanju – Metoda ispitivanja (ISO 204:2023; EN ISO 204:2023)
Metallic materials – Uniaxial creep testing in tension – Method of test (ISO 204:2023; EN ISO 204:2023)

HRN EN 10209:2023 en pr
Hladno valjani čelični plosnati proizvodi od niskougličnog čelika za staklasto emajliranje – Tehnički uvjeti isporuke (EN 10209:2023)
Cold rolled low carbon steel flat products for vitreous enamelling – Technical delivery conditions (EN 10209:2023)

HZN/TO 509, Cestovna oprema

HRN EN 14389:2023 en pr
Barijere za zaštitu od buke s cesta – Postupci za ocjenjivanje dugoročne učinkovitosti (EN 14389:2023)
Road traffic noise reducing devices – Procedures for assessing long term performance (EN 14389:2023)

HZN/TO 521, Usluge održavanja

HRN EN 17840:2023 en pr
Ocjena izvedbe i stanja zgrada i inženjerskih građevina – Okvir za procjenu unutar upravljanja fizičkom imovinom (EN 17840:2023)
Performance and condition assessment for buildings and civil engineering works – Framework for assessment within physical asset management (EN 17840:2023)

HZN/TO 524, Inteligentni transportni sustavi

HRN EN 16062:2023 en pr
Inteligentni transportni sustavi – Elektronička sigurnost – Zahtjevi više razine koji se odnose na aplikacije za hitne elektroničke pozive iz vozila (HLAP) uporabom GSM/UMTS mreža (EN 16062:2023)
Intelligent transport systems – ESafety – eCall high level application requirements (HLAP) using GSM/UMTS circuit switched networks (EN 16062:2023)

HRN EN ISO 17573-3:2023 en pr
Elektronička naplata – Arhitektura sustava za naplatu cestarina za vozila – 3. dio: Rječnik podataka (ISO 17573-3:2023; EN ISO 17573-3:2023)
Electronic fee collection – System architecture for vehicle-related tolling – Part 3: Data dictionary (ISO 17573-3:2023; EN ISO 17573-3:2023)

HZN/TO 528, Oprema za željeznice

HRN EN 15016-1:2023 en pr
Željeznički sustav – Tehnički dokumenti – 1. dio: Osnovna načela (EN 15016-1:2023)
Railway applications – Technical documents – Part 1: General principles (EN 15016-1:2023)

HRN EN 15016-2:2023 en pr
Željeznički sustav – Tehnički dokumenti – 2. dio: Liste dijelova (sastavnice) (EN 15016-2:2023)
Railway applications – Technical documents – Part 2: Parts lists (EN 15016-2:2023)

HRN EN 15016-3:2023 en pr
Željeznički sustav – Tehnički dokumenti – 3. dio: Vođenje izmjena tehničkih dokumenata (EN 15016-3:2023)
Railway applications – Technical documents – Part 3: Handling of modifications of technical documents (EN 15016-3:2023)

HRN EN ISO 19659-1:2023 en pr
Željeznički sustav – Sustavi grijanja, ventilacije i klimatizacije za željeznička vozila – 1. dio: Nazivi i definicije (ISO 19659-1:2017; EN ISO 19659-1:2023)
Railway applications – Heating, ventilation and air conditioning systems for rolling stock – Part 1: Terms and definitions (ISO 19659-1:2017; EN ISO 19659-1:2023)

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

HRN EN ISO 22721:2023 en pr
Transportne trake – Specifikacije za transportne trake s tekstilnim vučnim slojem presvučenim gumom ili plastikom za rad u jami (ISO 22721:2023; EN ISO 22721:2023)
Conveyor belts – Specification for rubber- or plastics-covered conveyor belts of textile construction for underground mining (ISO 22721:2023; EN ISO 22721:2023)

HZN/TO 531, Plastika i guma

HRN EN ISO 1172:2023 en pr
Plastika ojačana tekstilno-staklenim vlaknima – Preprezi, smjese za prešanje i laminati – Određivanje sadržaja tekstilno-staklenog i mineralnog punila metodom kalciniranja (ISO 1172:2023; EN ISO 1172:2023)
Textile-glass-reinforced plastics – Prepregs, moulding compounds and laminates – Determination of the textile-glass and mineral-filler content using calcination methods (ISO 1172:2023; EN ISO 1172:2023)

HRN EN ISO 7231:2023 en pr
Savijljivi pjenasti polimerni materijali – Određivanje protoka zraka pri stalnom padu tlaka (ISO 7231:2023; EN ISO 7231:2023)
Polymeric materials, cellular, flexible – Determination of air flow value at constant pressure-drop (ISO 7231:2023; EN ISO 7231:2023)

HRN EN ISO 13927:2023 en pr
Plastika – Jednostavno ispitivanje oslobađanja topline stožastim radijacijskim grijalom i detektorom s termoelementom (ISO 13927:2023; EN ISO 13927:2023)
Plastics – Simple heat release test using a conical radiant heater and a thermopile detector (ISO 13927:2023; EN ISO 13927:2023)

HRN EN ISO 20200:2023 en pr
Plastika – Određivanje stupnja raspadanja plastičnih materijala simulacijom kompostnih uvjeta u laboratorijskome mjerilu (ISO 20200:2023; EN ISO 20200:2023)
Plastics – Determination of the degree of disintegration of plastic materials under composting conditions in a laboratory-scale test (ISO 20200:2023; EN ISO 20200:2023)

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-47:2023 en pr
Bitumsenske mješavine – Metode ispitivanja – 47. dio: Određivanje udjela pepela u prirodnom asfaltu (EN 12697-47:2023)
Bituminous mixtures – Test methods – Part 47: Determination of the ash content of natural asphalts (EN 12697-47:2023)

HZN/TO 544, Strojni elementi

HRN EN ISO 4032:2023 en pr
Spojni elementi – Šesterokutne matice (tip 1) (ISO 4032:2023; EN ISO 4032:2023)
Fasteners – Hexagon regular nuts (style 1) (ISO 4032:2023; EN ISO 4032:2023)

HRN EN ISO 4033:2023 en pr
Spojni elementi – Šesterokutne visoke matice (tip 2) (ISO 4033:2023; EN ISO 4033:2023)
Fasteners – Hexagon high nuts (style 2) (ISO 4033:2023; EN ISO 4033:2023)

HRN EN ISO 4035:2023 en pr
Spojni elementi – Šesterokutne niske matice (tip 0) (ISO 4035:2023; EN ISO 4035:2023)
Fasteners – Hexagon thin nuts (style 0) (ISO 4035:2023; EN ISO 4035:2023)

HRN EN ISO 8673:2023 en pr
Spojni elementi – Šesterokutne matice (tip 1) s finim navojem (ISO 8673:2023; EN ISO 8673:2023)
Fasteners – Hexagon regular nuts (style 1), with fine pitch thread (ISO 8673:2023; EN ISO 8673:2023)

HRN EN ISO 8674:2023 en pr
Spojni elementi – Šesterokutne visoke matice (tip 2) s finim navojem (ISO 8674:2023; EN ISO 8674:2023)
Fasteners – Hexagon high nuts (style 2), with fine pitch thread (ISO 8674:2023; EN ISO 8674:2023)

HRN EN ISO 8675:2023 en pr
Spojni elementi – Šesterokutne niske matice (tip 0) s finim navojem (ISO 8675:2023; EN ISO 8675:2023)
Fasteners – Hexagon thin nuts (style 0), with fine pitch thread (ISO 8675:2023; EN ISO 8675:2023)

HZN/TO 550, Opskrba vodom

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

HZN/TO 554, Obrada otpadnih voda

HRN EN 12255-13:2023 en pr
Uređaji za pročišćivanje otpadnih voda – 13. dio: Kemijska obrada – Obrada otpadnih voda precipitacijom/flokulacijom (EN 12255-13:2023)
Wastewater treatment plants – Part 13: Chemical treatment – Treatment of wastewater by precipitation/flocculation (EN 12255-13:2023)

HZN/TO 556, Osobna zaštitna oprema

HRN EN ISO 45001:2023 en pr
Sustavi upravljanja zaštitom zdravlja i sigurnosti pri radu – Zahtjevi s uputama za uporabu (ISO 45001:2018; EN ISO 45001:2023)
Occupational health and safety management systems – Requirements with guidance for use (ISO 45001:2018; EN ISO 45001:2023)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 5157:2023 en pr
Tekstil – Ekološki aspekti – Terminološki rječnik (ISO 5157:2023; EN ISO 5157:2023)
Textiles – Environmental aspects – Vocabulary (ISO 5157:2023; EN ISO 5157:2023)

HRN EN ISO 5978:2023 en pr
Plošni tekstil naslojen gumom ili plastikom – Određivanje otpornosti slučajnog slijepljivanja (ISO 5978:2023; EN ISO 5978:2023)
Rubber- or plastics-coated fabrics – Determination of blocking resistance (ISO 5978:2023; EN ISO 5978:2023)

HRN EN ISO 17751-2:2023 en pr
Tekstil – Kvantitativne metode analize kašmira, vune i drugih specijalnih životinjskih vlakana i njihovih mješavina – 2. dio: Metoda skeniranja elektronskim mikroskopom (ISO 17751-2:2023; EN ISO 17751-2:2023)
Textiles – Quantitative analysis of cashmere, wool, other specialty animal fibres and their blends – Part 2: Scanning electron microscopy method (ISO 17751-2:2023; EN ISO 17751-2:2023)

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

HRN EN ISO 11114-1:2020/A1:2023 en pr
Plinske boce – Uskladivost materijala boce i ventila sa sadržanim plinom – 1. dio: Metalni materijali (ISO 11114-1:2020/Amd 1:2023; EN ISO 11114-1:2020/A1:2023)
Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 1: Metallic materials (ISO 11114-1:2020/Amd 1:2023; EN ISO 11114-1:2020/A1:2023)

HRN EN ISO 11363-1:2018/A1:2023 en pr
Plinske boce – 17E i 25E konusni navoj za spajanje ventila na plinske boce – 1. dio: Specifikacije (ISO 11363-1:2018/Amd 1:2023; EN ISO 11363-1:2018/A1:2023)
Gas cylinders – 17E and 25E taper threads for connection of valves to gas cylinders – Part 1: Specifications (ISO 11363-1:2018/Amd 1:2023; EN ISO 11363-1:2018/A1:2023)

HRN EN ISO 11623:2023 en pr
Plinske boce – Kompozitna konstrukcija – Periodični pregled i ispitivanje (ISO 11623:2023; EN ISO 11623:2023)
Gas cylinders – Composite cylinders and tubes – Periodic inspection and testing (ISO 11623:2023; EN ISO 11623:2023)

HRN EN 13445-2:2023 en pr
Neložene posude pod tlakom – 2. dio: Materijali (EN 13445-2:2021+A1:2023)
Unfired pressure vessels – Part 2: Materials (EN 13445-2:2021+A1:2023)

HRN EN 13445-4:2023 en pr
Neložene posude pod tlakom – 4. dio: Proizvodnja (EN 13445-4:2021+A1:2023)
Unfired pressure vessels – Part 4: Fabrication (EN 13445-4:2021+A1:2023)

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

HRN EN ISO 18743:2015/A1:2023 en pr
Mikrobiologija u lancu hrane – Dokazivanje prisutnosti Trichinella Larvae u mesu metodom umjetne probave – Amandman 1: Istraživanja za validaciju metode s izvedbenim značajkama (ISO 18743:2015/Amd 1:2023; EN ISO 18743:2015/A1:2023)
Microbiology of the food chain – Detection of Trichinella larvae in meat by artificial digestion method – Amendment 1: Method validation studies and performance characteristics (ISO 18743:2015/Amd 1:2023; EN ISO 18743:2015/A1:2023)

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

HRN EN 1176-10:2023 en pr
Oprema i podloge za igrališta – 10. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za potpuno zatvorenu opremu za igru (EN 1176-10:2023)
Playground equipment and surfacing – Part 10: Additional specific safety requirements and test methods for fully enclosed play equipment (EN 1176-10:2023)

HRN EN 17229-2:2023 en pr
Fitness centri – Uvjeti za sadržaj i rad centra – 2. dio: Uvjeti za nadzor i zaposlenike (EN 17229-2:2023)
Fitness centres – Requirements for centre amenities and operation – Part 2: Requirements for supervision and staff (EN 17229-2:2023)

HRN EN ISO 23537-2:2023 en pr
Zahtjevi za vreće za spavanje – 2. dio: Svojstva tkanine i materijala (ISO 23537-2:2023; EN ISO 23537-2:2023)
Requirements for sleeping bags – Part 2: Fabric and material properties (ISO 23537-2:2023; EN ISO 23537-2:2023)

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

HRN EN ISO 21911-1:2023 en pr
Kruta oporabljena goriva – Utvrđivanje samozagrijavanja – 1. dio: Izotermna kalorimetrija (ISO 21911-1:2022; EN ISO 21911-1:2023)
Solid recovered fuels – Determination of self-heating – Part 1: Isothermal calorimetry (ISO 21911-1:2022; EN ISO 21911-1:2023)

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

HRN EN ISO 56007:2023 en pr
Upravljanje inovacijama – Alati i metode za upravljanje prilikama i idejama – Upute (ISO 56007:2023; EN ISO 56007:2023)
Innovation management – Tools and methods for managing opportunities and ideas – Guidance (ISO 56007:2023; EN ISO 56007:2023)

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

HRN EN ISO 11267:2023 en pr
Kvaliteta tla – Inhibicija razmnožavanja Collembole (Folsomia candida) zbog onečišćivača u tlu (ISO 11267:2023; EN ISO 11267:2023)
Soil quality – Inhibition of reproduction of Collembole (Folsomia candida) by soil contaminants (ISO 11267:2023; EN ISO 11267:2023)

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

HRN EN 50470-4:2023 en pr
Oprema za mjerenje električne energije – 4. dio: Posebni zahtjevi – Statička brojila za djelatnu snagu istosmjerne struje (razredi točnosti A, B i C) (EN 50470-4:2023)
Electricity metering equipment – Part 4: Particular requirements – Static meters for DC active energy (class indexes A, B and C) (EN 50470-4:2023)

HZN/TO E23, Električni instalacijski pribor

HRN EN 60670-23:2010/A11:2023 en pr
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 23. dio: Posebni zahtjevi za podne kutije i kućišta (EN 60670-23:2008/A11:2023)
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 23: Particular requirements for floor boxes and enclosures (EN 60670-23:2008/A11:2023)

HRN EN 60670-23:2010/A1:2023 en pr
Kutije i kućišta za električni pribor za kućanstvo i slične fiksne električne instalacije – 23. dio: Posebni zahtjevi za podne kutije i kućišta (IEC 60670-23:2006/am1:2016; EN 60670-23:2008/A1:2023)
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 23: Particular requirements for floor boxes and enclosures (IEC 60670-23:2006/am1:2016; EN 60670-23:2008/A1:2023)

HZN/TO E36, Izolatori

HRN EN IEC 60383-1:2023 en pr
Izolatori za nadzemne vodove nazivnog napona iznad 1 000 V – 1. dio: Keramički ili stakleni izolatorski članci za izmjenične sustave – Definicije, metode ispitivanja i kriteriji prihvaćanja (IEC 60383-1:2023; EN IEC 60383-1:2023)
Insulators for overhead lines with a nominal voltage above 1000 V – Part 1: Ceramic or glass insulator units for a.c. systems – Definitions, test methods and acceptance criteria (IEC 60383-1:2023; EN IEC 60383-1:2023)

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

HRN HD 60364-4-43:2023 en pr
Niskonaponske električne instalacije – Dio 4-43: Sigurnosna zaštita – Nadstrujna zaštita (IEC 60364-4-43:2023; HD 60364-4-43:2023)
Low-voltage electrical installations – Part 4-43: Protection for safety – Protection against overcurrent (IEC 60364-4-43:2023; HD 60364-4-43:2023)

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

HRN EN IEC 62769-3:2023 en pr
Integracija uređaja u postrojenju (FDI®) – 3. dio: Poslužitelj (IEC 62769-3:2023; EN IEC 62769-3:2023)
Field Device Integration (FDI®) – Part 3: Server (IEC 62769-3:2023; EN IEC 62769-3:2023)

HZN/TO E81, Zaštita od munje

HRN EN IEC 62561-3:2023 en pr
Komponente sustava zaštite od munje (LPSC) – 3. dio: Zahtjevi za odvojna iskrišta (IEC 62561-3:2023; EN IEC 62561-3:2023)
Lightning protection system components (LPSC) – Part 3: Requirements for isolating spark gaps (ISG) (IEC 62561-3:2023; EN IEC 62561-3:2023)

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

HRN EN IEC 60728-101-1:2023 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 101-1: RF kabliranje za dvosmjerne kućne mreže koje se sastoje isključivo od digitalnih kanala (IEC 60728-101-1:2023; EN IEC 60728-101-1:2023)
Cable networks for television signals, sound signals and interactive services – Part 101-1: RF cabling for two-way home networks with all-digital channels load (IEC 60728-101-1:2023; EN IEC 60728-101-1:2023)

HRN EN IEC 60728-101-2:2023 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 101-2: Izvedbeni zahtjevi za signale na izlaznom priključku koji radi isključivo s digitalnim kanalima (IEC 60728-101-2:2023; EN IEC 60728-101-2:2023)
Cable networks for television signals, sound signals and interactive services – Part 101-2: Performance requirements for signals delivered at the system outlet in operation with all-digital channels load (IEC 60728-101-2:2023; EN IEC 60728-101-2:2023)

HRN EN IEC 60728-106:2023 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 106. dio: Optička oprema za sustave koji se sastoje samo od digitalnih kanala (IEC 60728-106:2023; EN IEC 60728-106:2023)
Cable networks for television signals, sound signals and interactive services – Part 106: Optical equipment for systems loaded with digital channels only (IEC 60728-106:2023; EN IEC 60728-106:2023)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 406-2 V3.1.1:2023 en pr
Digitalne poboljšane bežične telekomunikacije (DECT) – Harmonizirana norma za pristup radijskom spektru – 2. dio: DECT-2020 NR (EN 301 406-2 V3.1.1:2023)
Digital Enhanced Cordless Telecommunications (DECT) – Harmonised Standard for access to radio spectrum – Part 2: DECT-2020 NR (EN 301 406-2 V3.1.1:2023)

HRN EN 301 908-23 V15.1.1:2023 en pr
IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 23. dio: Bazne postaje (BS) za sustav aktivnih antena (AAS), Izdanje 15 (EN 301 908-23 V15.1.1:2023)
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 23: Active Antenna System (AAS) Base Station (BS), Release 15 (EN 301 908-23 V15.1.1:2023)

HRN EN 301 908-24 V15.1.1:2023 en pr
IMT (International Mobile Telecommunications) celularne mreže – Harmonizirana norma za pristup radijskom spektru – 24. dio: Bazne postaje (BS) za tehnologiju Novi Radio (NR), Izdanje 15 (EN 301 908-24 V15.1.1:2023)
IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 24: New Radio (NR) Base Stations (BS), Release 15 (EN 301 908-24 V15.1.1:2023)

HRN EN 303 213-8 V2.1.1:2023 en pr
Napredni sustav navođenja i kontrole površinskog kretanja (A-SMGCS) – 8. dio: Specifikacija Zajednice za A-SMGCS sustav navođenja (EN 303 213-8 V2.1.1:2023)
Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 8: Community Specification for A-SMGCS guidance service (EN 303 213-8 V2.1.1:2023)

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

HRN EN 17861:2023 en pr
Elastične, tekstilne, laminatne i modularne podne obloge s mehaničkim spajanjem – Kružno gospodarstvo – Nazivi i definicije (EN 17861:2023)
Resilient, textile, laminate and modular mechanical locked floor coverings – Circular Economy – Terms and definitions (EN 17861:2023)

HRN EN 17885:2023 en pr
Pribor za svijeće – Specifikacija za zaštitu od požara i oznake sigurnosti proizvoda (EN 17885:2023)
Candle Accessories – Specification for fire safety and product safety labels (EN 17885:2023)

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

HRN EN ISO 8130-16:2023 en pr
Praškasti prekrivni materijali – 16. dio: Određivanje gustoće istiskivanjem tekućine u menzuri (ISO 8130-16:2022; EN ISO 8130-16:2023)
Coating powders – Part 16: Determination of density by liquid displacement in a measuring cylinder (ISO 8130-16:2022; EN ISO 8130-16:2023)

HRN EN ISO 21368:2023 en pr
Adhezivi – Smjernice za izradu konstrukcija spojenih ljepilom i postupke izvješćivanja prikladnih za procjenu rizika tih konstrukcija (ISO 21368:2022; EN ISO 21368:2023)
Adhesives – Guidelines for the fabrication of adhesively bonded structures and reporting procedures suitable for the risk evaluation of such structures (ISO 21368:2022; EN ISO 21368:2023)

HRN EN ISO 22553-15:2023 en pr
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 15. dio: Ostaci permeata (ISO 22553-15:2022; EN ISO 22553-15:2023)
Paints and varnishes – Electro-deposition coatings – Part 15: Permeate residues (ISO 22553-15:2022; EN ISO 22553-15:2023)

HRN EN ISO 22553-16:2023 en pr
Boje i lakovi – Prevlake za nanošenje elektrodepozicijom – 16. dio: Omjer između pigmenta i veziva (ISO 22553-16:2022; EN ISO 22553-16:2023)
Paints and varnishes – Electro-deposition coatings – Part 16: Pigment-binder ratio (ISO 22553-16:2022; EN ISO 22553-16:2023)

HRN EN ISO/ASTM 52902:2023 en pr
Aditivna proizvodnja – Opća načela – Geometrijska sposobnost za procjenu aditivnih proizvodnih sustava (ISO/ASTM 52902:2023; EN ISO/ASTM 52902:2023)
Additive manufacturing – Test artifacts – Geometric capability assessment of additive manufacturing systems (ISO/ASTM 52902:2023; EN ISO/ASTM 52902:2023)

HRN EN ISO/ASTM 52920:2023 en pr
Aditivna proizvodnja – Načela ispitivanja kvalificiranosti – Zahtjevi za industrijske procese i pogone za aditivnu proizvodnju (ISO/ASTM 52920:2023; EN ISO/ASTM 52920:2023)
Additive manufacturing – Qualification principles – Requirements for industrial additive manufacturing processes and production sites (ISO/ASTM 52920:2023; EN ISO/ASTM 52920:2023)

HRN EN ISO/ASTM 52924:2023 en pr
Aditivna proizvodnja polimera – Načela ispitivanja kvalificiranosti – Klasifikacije svojstava elemenata (ISO/ASTM 52924:2023; EN ISO/ASTM 52924:2023)
Additive manufacturing of polymers – Qualification principles – Classification of part properties (ISO/ASTM 52924:2023; EN ISO/ASTM 52924:2023)

HZN/TU F1, Osnovne norme 1

HRN EN 15713:2023 en pr
Sigurno uništavanje povjerljivih materijala – Kodeks prakse (EN 15713:2023)
Secure destruction of confidential and sensitive material – Code of practice (EN 15713:2023)

HZN/TU N1, Nemetalni materijali 1

HRN EN ISO 2614:2023 en pr
Analiza prirodnog plina – Biometan – Određivanje sadržaja terpena plinskom kromatografijom na mikroskali (ISO 2614:2023; EN ISO 2614:2023)
Analysis of natural gas – Biomethane – Determination of terpenes' content by micro gas chromatography (ISO 2614:2023; EN ISO 2614:2023)

HRN EN ISO 23739:2023 en pr
Fina keramika (napredna keramika, napredna tehnička keramika) – Metode kemijske analize praha cirkonijeva oksida (ISO 23739:2021; EN ISO 23739:2023)
Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods for chemical analysis of zirconium oxide powders (ISO 23739:2021; EN ISO 23739:2023)

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

HRN EN ISO 3630-4:2023 en pr
Stomatologija – Endodontski instrumenti – 4. dio: Pomoćni instrumenti (ISO 3630-4:2023; EN ISO 3630-4:2023)
Dentistry – Endodontic instruments – Part 4: Auxiliary instruments (ISO 3630-4:2023; EN ISO 3630-4:2023)

HRN EN ISO 24395:2023 en pr
Stomatologija – Klasifikacija preparacija kaviteta u restoraciji (ISO 24395:2023; EN ISO 24395:2023)
Dentistry – Classification of tooth restorations preparation (ISO 24395:2023; EN ISO 24395:2023)

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

HRN EN 2591-508:2023 en pr
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 508. dio: Mjerenje debljine prevlaka na kontaktima (EN 2591-508:2023)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 508: Measurement of thickness of coating on contacts (EN 2591-508:2023)

HRN EN 2591-509:2023 en pr
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 509. dio: Prianjanje prevlaka na kontaktima (EN 2591-509:2023)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 509: Adhesion of coating on contacts (EN 2591-509:2023)

HRN EN 2876:2023 en pr
Zrakoplovstvo – Ravne niske šesterokutne matice, normalni otvor ključa, iz aluminijeve legure, anodizirane – Klasifikacija: 450 MPa (pri temperaturi okoline)/120 °C (EN 2876:2023)
Aerospace series – Nuts, hexagon, plain, reduced height, normal across flats, in aluminium alloy, anodized – Classification: 450 MPa (at ambient temperature)/120 °C (EN 2876:2023)

HRN EN 4880:2023 en pr
Zrakoplovstvo – Opće tehničke specifikacije za standardne dijelove (EN 4880:2023)
Aerospace series – General technical specification for standard parts (EN 4880:2023)

HRN EN 6093:2023 en pr
Zrakoplovstvo – Utičnica, plutajuća, jednostrana (EN 6093:2023)
Aerospace series – Receptacle, floating, single lug (EN 6093:2023)

HRN EN 9215:2023 en pr
Upravljanje programom – Obrazloženje i odobravanje definicije proizvoda – Upute za sastavljanje plana obrazloženja definicije proizvoda i spisa obrazloženja definicije proizvoda (EN 9215:2023)
Programme Management – Definition justification and qualification – A guide to drawing up the definition justification plan and of the definition justification dossier (EN 9215:2023)

HRN EN ISO 11243:2023 en pr
Bicikli – Nosači prtljage za bicikle – Zahtjevi i metode ispitivanja (ISO 11243:2023; EN ISO 11243:2023)
Cycles – Luggage carriers for bicycles – Requirements and test methods (ISO 11243:2023; EN ISO 11243:2023)

HRN EN 15194:2023 en pr
Bicikli – Bicikli s pomoćnim električnim pogonom – EPAC Bicikli (EN 15194:2017+A1:2023)
Cycles – Electrically power assisted cycles – EPAC Bicycles (EN 15194:2017+A1:2023)

HRN EN 16603-20-08:2023 en pr
Svemirsko inženjerstvo – Fotonaponski sklopovi i dijelovi (EN 16603-20-08:2023)
Space engineering – Photovoltaic assemblies and components (EN 16603-20-08:2023)

HZN/TU V1, Elektronika 1

HRN EN 50090-6-3:2023 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 6-3: HBES IoT API treće strane (EN 50090-6-3:2023)
Home and Building Electronic Systems (HBES) – Part 6-3: 3rd Party HBES IoT API (EN 50090-6-3:2023)

HRN EN 50411-3-2:2023 en pr
Sustavi upravljanja optičkim vlaknima i zaštitna kućišta za optičke komunikacijske sustave – Specifikacije proizvoda – Dio 3-2: Mehanički spojevi za jednomodna optička vlakna (EN 50411-3-2:2023)
Fibre management systems and protective housings to be used in optical fibre communication systems – Product specifications – Part 3-2: Single-mode mechanical fibre splice (EN 50411-3-2:2023)

HRN EN IEC 60793-1-44:2023 en pr
Optička vlakna – Dio 1-44: Metode mjerenja i postupci ispitivanja – Granična valna duljina (IEC 60793-1-44:2023; EN IEC 60793-1-44:2023)
Optical fibres – Part 1-44: Measurement methods and test procedures – Cut-off wavelength (IEC 60793-1-44:2023; EN IEC 60793-1-44:2023)

- HRN EN IEC 61076-2-115:2023 en pr
Konektori za električnu i elektroničku opremu – Zahtjevi za proizvod – Dio 2-115: Kružni konektori – Detaljna specifikacija za 12-smjerne oklopljene konektore s nazivnom strujom od 2 A i metalnim kućištem IP65/IP67 s push-pull zaključavanjem (IEC 61076-2-115:2023; EN IEC 61076-2-115:2023)
Connectors for electrical and electronic equipment – Product requirements – Part 2-115: Circular connectors – Detail specification for 12-pole shielded connectors with 2 A rated current and IP65/IP67 metal housing with push-pull locking (IEC 61076-2-115:2023; EN IEC 61076-2-115:2023)
- HRN EN IEC 61076-3-106:2023 en pr
Konektori za električnu i elektroničku opremu – Zahtjevi za proizvod – Dio 3-106: Pravokutni konektori – Detaljna specifikacija za zaštitna kućišta za 8-smjerne oklopljene i neoklopljene konektore za industrijska okruženja koja uključuju serijsko sučelje prema normi IEC 60603-7 (IEC 61076-3-106:2023; EN IEC 61076-3-106:2023)
Connectors for electrical and electronic equipment – Product requirements – Part 3-106: Rectangular connectors – Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface (IEC 61076-3-106:2023; EN IEC 61076-3-106:2023)
- HRN EN IEC 61189-2-801:2023 en pr
Metode ispitivanja za električne materijale, tiskane pločice i druge strukture i sklopove za međusobno povezivanje – Dio 2-801: Ispitivanje toplinske provodljivosti osnovnih materijala (IEC 61189-2-801:2023; EN IEC 61189-2-801:2023)
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-801: Thermal conductivity test for base materials (IEC 61189-2-801:2023; EN IEC 61189-2-801:2023)
- HRN EN IEC 61189-2-803:2023 en pr
Metode ispitivanja za električne materijale, tiskane pločice i druge strukture i sklopove za međusobno povezivanje – Dio 2-803: Metode ispitivanja za širenje osnovnih materijala i tiskanih ploča po osi Z (IEC 61189-2-803:2023; EN IEC 61189-2-803:2023)
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-803: Test methods for Z-axis expansion of base materials and printed boards (IEC 61189-2-803:2023; EN IEC 61189-2-803:2023)
- HRN EN IEC 61249-6-3:2023 en pr
Materijali za tiskane pločice i druge strukture za međusobno povezivanje – Dio 6-3: Skup sekcijских specifikacija za materijale za ojačanje – Specifikacija za gotove tkanine od E-staklenih vlakana za tiskane ploče (IEC 61249-6-3:2023; EN IEC 61249-6-3:2023)
Materials for printed boards and other interconnecting structures – Part 6-3: Sectional specification set for reinforcement materials – Specification for finished fabric woven from "E" glass for printed boards (IEC 61249-6-3:2023; EN IEC 61249-6-3:2023)
- HRN EN IEC 61300-2-26:2023 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-26: Ispitivanja – Slana magla (IEC 61300-2-26:2023; EN IEC 61300-2-26:2023)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-26: Tests – Salt mist (IEC 61300-2-26:2023; EN IEC 61300-2-26:2023)
- HRN EN IEC 61300-3-45:2023 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 3-45: Ispitivanja i mjerenja – Prigušenje nasumično uparenih konektora s više vlakana (IEC 61300-3-45:2023; EN IEC 61300-3-45:2023)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-45: Examinations and measurements – Attenuation of random mated multi-fibre connectors (IEC 61300-3-45:2023; EN IEC 61300-3-45:2023)
- HRN EN IEC 62044-3:2023 en pr
Jezgre izrađene od mekih magnetskih materijala – Metode mjerenja – 3. dio: Magnetska svojstva pri visokoj razini pobude (IEC 62044-3:2023; EN IEC 62044-3:2023)
Cores made of soft magnetic materials – Measuring methods – Part 3: Magnetic properties at high excitation level (IEC 62044-3:2023; EN IEC 62044-3:2023)
- HRN EN IEC 62149-3:2023 en pr
Aktivne svjetlovodne komponente i uređaji – Izvedbene norme – 3. dio: Odašiljači s laserskim diodama integriranim u modulator za svjetlovodne prijenosne sustave od 40 Gbit/s (IEC 62149-3:2023; EN IEC 62149-3:2023)
Fibre optic active components and devices – Performance standards – Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems (IEC 62149-3:2023; EN IEC 62149-3:2023)
- HRN EN IEC 63300:2023 en pr
Metoda ispitivanja električnih i magnetskih svojstava jezgri magnetskog praha (IEC 63300:2023; EN IEC 63300:2023)
Test methods for electrical and magnetic properties of magnetic powder cores (IEC 63300:2023; EN IEC 63300:2023)

HZN/TU W1, Energetska elektrotehnika 1

- HRN EN 50723:2023 en pr
Mjerne metode za procjenu kompatibilnosti indukcijskih ploča i kuhala (EN 50723:2023)
Measurement method for assessing the compatibility of induction hob and cookware (EN 50723:2023)
- HRN EN 60127-2:2014/A1:2023 en pr
Minijaturni osigurači – 2. dio: Rastalni ulošci (IEC 60127-2:2014/am1:2020; EN 60127-2:2014/A1:2023)
Miniature fuses – Part 2: Cartridge fuse-links (IEC 60127-2:2014/am1:2020; EN 60127-2:2014/A1:2023)
- HRN EN IEC 62885-4:2020/A1:2023 en pr
Uređaji za čišćenje površina – 4. dio: Bežični suhi usisavači za kućnu i sličnu primjenu – Metode za mjerenje radnih značajka (IEC 62885-4:2020/am1:2023; EN IEC 62885-4:2020/A1:2023)
Surface cleaning appliances – Part 4: Cordless dry vacuum cleaners for household or similar use – Methods for measuring the performance (IEC 62885-4:2020/am1:2023; EN IEC 62885-4:2020/A1:2023)
- HRN EN IEC 63086-1:2020/A1:2023 en pr
Kućanski i slični električni aparati za pročišćavanje zraka – Metode za mjerenje značajki – 1. dio: Opći zahtjevi (IEC 63086-1:2020/am1:2023; EN IEC 63086-1:2020/A1:2023)
Household and similar electrical air cleaning appliances – Methods for measuring the performance – Part 1: General requirements (IEC 63086-1:2020/am1:2023; EN IEC 63086-1:2020/A1:2023)

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 22, *Cestovna vozila*

prEN 16662-2 en
Road vehicles – Supplementary grip devices for tyres of passenger cars and light duty vehicles – Part 2: Specific test procedures
Cestovna vozila – Dodatni uređaji za prianjanje guma osobnih vozila i lakih dostavnih vozila – 2. dio: Specifični postupci ispitivanja

prEN 16662-3 en
Road vehicles – Supplementary grip devices for tyres of passenger cars and light duty vehicles – Part 3: Production control (self monitoring) and third-party surveillance
Cestovna vozila – Dodatni uređaji za prianjanje guma osobnih vozila i lakih dostavnih vozila – 3. dio: Kontrola proizvodnje (samonadzor) i nadzor treće strane

HZN/TO 28, *Naftni proizvodi i maziva*

FprCEN/TR 16389 en
Automotive fuels – Paraffinic diesel fuel and blends with FAME – Background to the parameters required and their respective limits and determination
Motorna goriva – Parafinsko dizelsko gorivo i mješavine s FAME-om – Opis zahtjevanih parametara, postupak određivanja i granične vrijednosti

prEN ISO 22854 en
Liquid petroleum products – Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel – Multidimensional gas chromatography method (ISO/DIS 22854:2023)
Tekući naftni proizvodi – Određivanje vrste ugljikovodika i oksigenata u benzinu i etanolu (E85) kao gorivu za motorna vozila – Metoda višedimenzionalne plinske kromatografije (ISO/DIS 22854:2023)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

EN ISO 7301:2022/prA1 en
Rice – Specification (ISO 7301:2021/DAMd 1:2023)
Riža – Specifikacija (ISO 7301:2021/DAMd 1:2023)

EN ISO 10519:2015/prA1 en
Rapeseed – Determination of chlorophyll content – Spectrometric method – Amendment 1: Preparation of the calibration curve to determine the k factor (ISO 10519:2015/DAMd 1:2023)
Uljana repica – Određivanje količine klorofila – Spektrometrijska metoda – Amandman 1: Izrada kalibracijske krivulje za određivanje faktora k (ISO 10519:2015/DAMd 1:2023)

HZN/TO 43, *Akustika*

prEN ISO 21388-2 en
Acoustics – Hearing Aid Fitting Management – Part 2: Tele-services as part of hearing aid fitting management (tHAFM) (ISO/DIS 21388-2:2023)
Akustika – Namještanje slušnih pomagala – 2. dio: Primjena telekomunikacijskih usluga u namještanju slušnih pomagala (ISO/DIS 21388-2:2023)

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 3677 en
Filler metal for brazing – Designation (ISO/DIS 3677:2023)
Dodatni materijal za tvrdo lemljenje – Označivanje (ISO/DIS 3677:2023)

prEN ISO 12224-1 en
Solder wire, solid and flux cored – Specification and test methods – Part 1: Classification and performance requirements (ISO/DIS 12224-1:2023)
Žica za lemljenje, puna i praškom punjena – Specifikacija i metode ispitivanja – 1. dio: Razredba i zahtijevana svojstva (ISO/DIS 12224-1:2023)

prEN ISO 12224-2 en
Flux cored solder wire – Specification and test methods – Part 2: Determination of flux content (ISO/DIS 12224-2:2023)
Talilom punjena žica za meko lemljenje – Specifikacija i metode ispitivanja – 2. dio: Određivanje sadržaja talila (ISO/DIS 12224-2:2023)

prEN 18007-1 en
Electromagnetic pulse welding – Part 1: Welding knowledge, terminology and vocabulary

prEN 18007-2 en
Electromagnetic pulse welding – Part 2: Design of welded joints

prEN 18007-3 en
Electromagnetic pulse welding – Part 3: Qualification of welding operators and weld setters

prEN 18007-4 en
Electromagnetic pulse welding – Part 4: Specification and qualification of welding procedures

prEN 18007-5 en
Electromagnetic pulse welding – Part 5: Quality and inspection requirements

HZN/TO 71, *Beton*

prEN 12504-5 en
Testing concrete in structures – Part 5: Determination of concrete cover using electromagnetic covermeters
Ispitivanje betona u konstrukcijama – 5. dio: Određivanje debljine zaštitnog sloja betona elektromagnetskim mjeračem

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

prEN ISO 14903 en
Refrigerating systems and heat pumps – Qualification of tightness of components and joints (ISO/DIS 14903:2023)
Rashladni sustavi i dizalice topline – Kvalifikacija nepropusnosti dijelova i spojeva (ISO/DIS 14903:2023)

HZN/TO 89, *Furniri i drvene ploče*

prEN 622-4 en
Fibreboards – Specifications – Part 4: Requirements for softboards
Ploče vlaknatice – Specifikacije – 4. dio: Zahtjevi za lake ploče

prEN 1058 en
Wood-based panels – Determination of characteristic 5-percentile values and characteristic mean values
Ploče na osnovi drva – Određivanje karakteristične vrijednosti petog percentila i karakteristične srednje vrijednosti

HZN/TO 108, *Mehaničke vibracije i udari*

ISO 20816-3:2022 en
Mechanical vibration – Measurement and evaluation of machine vibration – Part 3: Industrial machinery with a power rating above 15 kW and operating speeds between 120 r/min and 30 000 r/min
Mehaničke vibracije – Mjerenje i ocjenjivanje vibracija strojeva – 3. dio: Industrijski strojevi nazivne snage iznad 15 kW i radnih brzina između 120 o/min i 30 000 o/min

ISO 21940-21:2022 en
Mechanical vibration – Rotor balancing – Part 21: Description and evaluation of balancing machines
Mehaničke vibracije – Uravnoteživanje rotora – 21. dio: Opis i procjena strojeva za uravnoteživanje

HZN/TO 126, *Duhan i duhanski proizvodi*

prEN 16156 en
Cigarettes – Assessment of the ignition propensity – Safety requirement
Cigarete – Ocjenjivanje svojstva zapaljivosti – Sigurnosni zahtjevi

HZN/TO 135, *Nerazorna ispitivanja*

prEN ISO 18081 en
Non-destructive testing – Acoustic emission testing (AT) – Leak detection by means of acoustic emission (ISO/DIS 18081:2023)
Nerazorno ispitivanje – Ispitivanje akustičkom emisijom (AT) – Ispitivanje propusnosti akustičkom emisijom (ISO/DIS 18081:2023)

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

CEN/TS 1455-2:2023 en
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Acrylonitrile-butadiene-styrene (ABS) – Part 2: Assessment of conformity
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niska i visoka temperatura) unutar građevinskih konstrukcija – Akrlonitril/butadien/stiren (ABS) – 2. dio: Ocjena sukladnosti

CEN/TS 1566-2:2023 en
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Chlorinated poly(vinyl chloride) (PVC-C) – Part 2: Assessment of conformity
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Klorirani poli(vinil-klorid) (PVC-C) – 2. dio: Ocjena sukladnosti

CEN ISO/TS 16486-7:2023 en
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 7: Assessment of conformity (ISO/TS 16486-7:2023)
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Cijevni sustavi od neomekšanog poliamida (PA-U) spajani zavarivanjem i mehaničkim spojnica – 7. dio: Ocjena sukladnosti (ISO/TS 16486-7:2023)

HZN/TO 146, *Kvaliteta zraka*

prEN 14385 en
Stationary source emissions – Determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl and V
Emisije iz nepokretnih izvora – Određivanje ukupne emisije As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl i V

ISO 16000-3:2022 en
Indoor air – Part 3: Determination of formaldehyde and other carbonyl compounds in indoor and test chamber air – Active sampling method
Zrak u zatvorenom prostoru – 3. dio: Određivanje formaldehida i drugih karbonilnih spojeva u zatvorenom prostoru i ispitnim komorama – Metoda aktivnog uzorkovanja

HZN/TO 147, *Kvaliteta vode*

prEN ISO 20236 en
Water quality – Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion (ISO/DIS 20236:2023)
Kvaliteta vode – Određivanje ukupnoga organskog ugljika (TOC), otopljenoga organskog ugljika (DOC), ukupnoga vezanog dušika (TNb) i otopljenoga vezanog dušika (DNb) nakon visokotemperaturne katalitičke oksidacije (ISO/DIS 20236:2023)

HZN/TO 159, *Ergonomija*

prEN ISO 9241-115 en
Ergonomics of human-system interaction – Part 115: Guidance on conceptual design, user-system interaction design, user interface design, and navigation design (ISO/DIS 9241-115:2023)
Ergonomija interakcije čovjek-sustav – 115. dio: Smjernice za konceptualni dizajn, dizajn interakcije korisnik-sustav, dizajn korisničkog sučelja i dizajn navigacije (ISO/DIS 9241-115:2023)

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

EN ISO 7539-6:2018/prA1 en
Corrosion of metals and alloys – Stress corrosion testing – Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement (ISO 7539-6:2018/DAmD 1:2023)
Korozija metala i legura – Ispitivanje korozije uz naprezanje – 6. dio: Priprema i primjena uzoraka s urezom za ispitivanja pod stalnim opterećenjem ili stalnim pomakom (ISO 7539-6:2018/DAmD 1:2023)

prEN ISO 8044 en
Corrosion of metals and alloys – Vocabulary (ISO/DIS 8044:2023)
Korozija metala i legura – Rječnik (ISO/DIS 8044:2023)

EN ISO 11782-2:2008/prA1 en
Corrosion of metals and alloys – Corrosion fatigue testing – Part 2: Crack propagation testing using precracked specimens (ISO 11782-2:1998/DAmD 1:2023)
Korozija metala i legura – Ispitivanje korozijskog zamora – 2. dio: Ispitivanje širenja pukotina uporabom uzoraka s pukotinom (ISO 11782-2:1998/DAmD 1:2023)

HZN/TO 509, *Cestovna oprema*

prEN 1793-1 en
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions
Barijere za zaštitu od buke s cesta – Metoda ispitivanja za određivanje akustičkih svojstava – 1. dio: Unutarnje značajke zvučne apsorpcije u uvjetima difuznog zvučnog polja

prEN 1793-2 en
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions
Barijere za zaštitu od buke s cesta – Metoda ispitivanja za određivanje akustičkih svojstava – 2. dio: Unutarnje značajke izolacije uzdušnog zvuka u uvjetima difuznog zvučnog polja

prEN 1793-3 en
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 3: Normalized traffic noise spectrum
Barijere za zaštitu od buke s cesta – Metoda ispitivanja za određivanje akustičkih svojstava – 3. dio: Normalizirani spektar buke prometa

prEN 1793-4 en
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 4: Intrinsic characteristics – In situ values of sound diffraction
Barijere za zaštitu od buke s cesta – Ispitne metode za određivanje akustičnih svojstava – 4. dio: Osnovne značajke – In situ vrijednosti difrakcije zvuka

prEN 1793-5 en
Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – In situ values of sound reflection under direct sound field conditions
Barijere za zaštitu od buke s cesta – Metoda ispitivanja za određivanje akustičkih svojstava – 5. dio: Osnovne značajke – In situ vrijednosti refleksije zvuka pod izravnim utjecajem zvučnog polja

prEN 1793-6 en

Road traffic noise reducing devices – Test method for determining the acoustic performance – Part 6: Intrinsic characteristics – In situ values of airborne sound insulation under direct sound field conditions
Barijere za zaštitu od buke s cesta – Metoda ispitivanja za određivanje akustičkih svojstava – 6. dio: Unutarnje značajke – In situ vrijednosti izolacije od vanjske buke u uvjetima neposrednog zvučnog polja

HZN/TO 513, Mjerne jedinice i mjerila

prEN 1434-3 en

Thermal energy meters – Part 3: Data exchange and interfaces
Mjerila toplinske energije – 3. dio: Razmjena podataka i sučelja

FprEN 13485 en

Thermometers for measuring the ambient or internal temperature for the transport, storage and distribution of temperature sensitive goods – Tests, performance, suitability
Termometri za mjerenje okolne ili unutrašnje temperature za prijevoz, skladištenje i distribuciju osjetljive robe – Ispitivanja, izvedba, prikladnost

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

prEN 1848-1 en

Flexible sheets for waterproofing – Determination of length, width and straightness – Part 1: Bitumen sheets for roof waterproofing
Savitljive hidroizolacijske trake – Određivanje duljine, širine i ravnosti – 1. dio: Bitumenske hidroizolacijske trake za krovove

prEN 12310-1 en

Flexible sheets for waterproofing – Part 1: Bitumen sheets for roof waterproofing – Determination of resistance to tearing (nail shank)
Savitljive hidroizolacijske trake – 1. dio: Bitumenske hidroizolacijske trake za krovove – Određivanje otpornosti na trganje (tijelo čavla)

HZN/TO 528, Oprema za željeznice

prEN 17997-1 en

Railway applications – Braking – Definition of ETCS brake curve parameters for Gamma trains – Part 1: Emergency brake curve parameters

HZN/TO 534, Spremnici za teret

prEN 14620-5 en

Design and manufacture of site built, vertical, cylindrical, flat-bottomed tank systems for the storage of refrigerated, liquefied gases with operating temperatures between 0 °C and -196 °C – Part 5: Testing, drying, purging and cool-down

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

prEN 13123-2 en

Windows, doors, shutters and curtain walling – Explosion resistance – Requirements and classification – Part 2: Arena test
Prozori, vrata, zasloni i ovješene fasade – Otpornost na eksploziju – Zahtjevi i razredba – 2. dio: Arena test

prEN 13124-2 en

Windows, doors, shutters and curtain walling – Explosion resistance – Test method – Part 2: Arena test
Prozori, vrata, zasloni i ovješene fasade – Otpornost na eksploziju – Metoda ispitivanja – 2. dio: Arena test

prEN 13126-9 en

Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 9: Hardware for horizontal and vertical pivot windows
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 9. dio: Okovi za horizontalno i vertikalno prevrtne prozore

HZN/TO 552, Društvena odgovornost

ISO/FDIS 37004 en

Governance of organizations – Governance maturity model – Guidance
Upravljanje organizacijama – Model zrelosti upravljanja – Smjernice

HZN/TO 555, Medicinski proizvodi

prEN ISO 17664-2 en

Processing of health care products – Information to be provided by the medical device manufacturer for the processing of medical devices – Part 2: Non-critical medical devices (ISO 17664-2:2021)
Postupci za proizvode za zdravstvenu skrb – Informacije o postupcima za medicinske proizvode koje daje njihov proizvođač – 2. dio: Nerizični medicinski proizvodi (ISO 17664-2:2021)

prEN ISO 80369-6 en

Small bore connectors for liquids and gases in healthcare applications – Part 6: Connectors for neural applications (ISO/DIS 80369-6:2023)
Spojnici malog promjera za tekućine i plinove za primjenu u zdravstvu – 6. dio: Spojnici za neuroaksijalnu primjenu (ISO/DIS 80369-6:2023)

HZN/TO 557, Zaštitna odjeća

prEN ISO 11612 en

Protective clothing – Clothing to protect against heat and flame – Minimum performance requirements (ISO/DIS 11612:2023)
Zaštitna odjeća – Odjeća za zaštitu od topline i plamena – Minimalni zahtjevi za izvedbu (ISO/DIS 11612:2023)

prEN ISO 14116 en

Protective clothing – Protection against flame – Limited flame spread materials, material assemblies and clothing (ISO/DIS 14116:2023)
Zaštitna odjeća – Zaštita od plamena – Materijali, kombinacije materijala i odjeća ograničena širenja plamena (ISO/DIS 14116:2023)

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

EN ISO 14245:2021/prA1 en

Gas cylinders – Specifications and testing of LPG cylinder valves – Self-closing (ISO 14245:2021/DAmD1:2023)
Plinske boce – Specifikacije i ispitivanje ventila boca za UNP – Automatsko zatvaranje (ISO 14245:2021/DAmD1:2023)

EN ISO 15995:2021/prA1 en

Gas cylinders – Specifications and testing of LPG cylinder valves – Manually operated (ISO 15995:2021/DAmD1:2023)
Plinske boce – Specifikacije i ispitivanje ventila boca za UNP – Ručno pokretani ventili (ISO 15995:2021/DAmD1:2023)

EN ISO 17871:2020/prA1 en

Gas cylinders – Quick-release cylinder valves – Specification and type testing (ISO 17871:2020/DAmD1:2023)
Plinske boce – Brzootvarajući ventili – Specifikacija i ispitivanje tipa (ISO 17871:2020/DAmD1:2023)

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

prEN 18003 en

Food Authenticity – Determination of 16-O-methylcafestol content of green and roasted coffee – HPLC-method
Izvornost hrane – Određivanje sadržaja 16-O-metilcafestola u sirovoj i prženoj kavi – Metoda HPLC

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

prEN 18031-1 en

Common security requirements for radio equipment – Part 1: Internet connected radio equipment

prEN 18031-2 en

Common security requirements for radio equipment – Part 2: radio equipment processing data, namely Internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment

prEN 18031-3 en

Common security requirements for radio equipment – Part 3: Internet connected radio equipment processing virtual money or monetary value

HZN/TO 583, Sustavi bespilotnih zrakoplova

prEN 4709-005 en

Aerospace series – Unmanned Aircraft Systems – Part 005: Geo-Caging requirements for UAS (C6)

prEN 4709-006 en

Aerospace series – Unmanned Aircraft Systems – Part 006: Flight Termination System requirements for UAS (C5-C6)

HZN/TO E10, Fluidi za primjenu u elektrotehnici

prEN IEC 60156:2023 en

Insulating liquids – Determination of the breakdown voltage at power frequency – Test method (IEC 60156 ED4)
Izolacijske tekućine – Određivanje probojnog napona kod radne frekvencije – Ispitna metoda (IEC 60156 ED4)

HZN/TO E14, Energetski transformatori

prEN 50708-1-1:2023 en

Power transformers – Additional European requirements – Part 1-1: Common part – General requirements
Energetski transformatori – Dodatni europski zahtjevi – Dio 1-1: Zajednički dio – Opći zahtjevi

HZN/TO E17, Sklopni i upravljački uređaji

EN IEC 62271-100:2021/prA1:2023 en

High-voltage switchgear and controlgear – Part 100: Alternating-current circuit-breakers (IEC 62271-100/am1 ED3)
Visokonaponska sklopna aparatura – 100. dio: Prekidači izmjenične struje (IEC 62271-100/am1 ED3)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN IEC 62386-105:2023 en

Digital addressable lighting interface – Part 105: Particular requirements for control gear and control devices – Firmware transfer (IEC 62386-105 ED2)
Digitalno upravljanje rasvjetom – 105. dio: Posebni zahtjevi za predspojne naprave i upravljačke uređaje – Transfer upravljačkih programa (IEC 62386-105 ED2)

HZN/TO E55, Žice za namote

EN 60317-0-9:2015/prA1:2023 en

Specifications for particular types of winding wires – Part 0-9: General requirements – Enamelled rectangular aluminium wire (IEC 60317-0-9/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – Dio 0-9: Opći zahtjevi – Profilna aluminijska lakirana žica (IEC 60317-0-9/am1 ED1)

EN 60317-8:2010/prA1:2023 en

Specifications for particular types of winding wires – Part 8: Polyesterimide enamelled round copper wire, class 180 (IEC 60317-8/am1 ED4)
Specifikacije pojedinih vrsta žica za namote – 8. dio: Okrugla bakrena žica lakirana poliesterimidom, razreda 180 (IEC 60317-8/am1 ED4)

EN IEC 60317-12:2020/prA1:2023 en

Specifications for particular types of winding wires – Part 12: Polyvinyl acetal enamelled round copper wire, class 120 (IEC 60317-12/am1 ED4)
Specifikacije pojedinih vrsta žica za namote – 12. dio: Okrugla bakrena žica lakirana polivinil acetatom, razreda 120 (IEC 60317-12/am1 ED4)

EN 60317-13:2010/prA1:2023 en

Specifications for particular types of winding wires – Part 13: Polyester or polyesterimide overcoated with polyamide-imide enamelled round copper wire, class 200 (IEC 60317-13/am1 ED3)
Specifikacije pojedinih vrsta žica za namote – 13. dio: Poliesterom ili poliesterimidom lakirana okrugla bakrena žica, prekrivena poliamid-imidom, razreda 200 (IEC 60317-13/am1 ED3)

EN 60317-15:2004/prA2:2023 en

Specifications for particular types of winding wires – Part 15: Polyesterimide enamelled round aluminium wire, class 180 (IEC 60317-15/am2 ED3)
Specifikacije pojedinih vrsta žica za namote – 15. dio: Okrugla aluminijska žica lakirana poliesterimidom, razreda 180 (IEC 60317-15/am2 ED3)

EN IEC 60317-27-2:2020/prA1:2023 en

Specifications for particular types of winding wires – Part 27-2: Paper tape covered round aluminium wire (IEC 60317-27-2/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – Dio 27-2: Okrugla aluminijska žica prekrivena papirnom trakom (IEC 60317-27-2/am1 ED1)

EN IEC 60317-27-3:2019/prA1:2023 en

Specifications for particular types of winding wires – Part 27-3: Paper tape covered rectangular copper wire (IEC 60317-27-3/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – Dio 27-3: Profilna bakrena žica prekrivena papirnom trakom (IEC 60317-27-3/am1 ED1)

EN IEC 60317-27-4:2020/prA1:2023 en

Specifications for particular types of winding wires – Part 27-4: Paper tape covered rectangular aluminium wire (IEC 60317-27-4/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – Dio 27-4: Profilna aluminijska žica prekrivena papirnom trakom (IEC 60317-27-4/am1 ED1)

EN 60317-28:2014/prA1:2023 en

Specifications for particular types of winding wires – Part 28: Polyesterimide enamelled rectangular copper wire, class 180 (IEC 60317-28/am1 ED2)
Specifikacije pojedinih vrsta žica za namote – 28. dio: Profilna bakrena žica lakirana poliesterimidom, razreda 180 (IEC 60317-28/am1 ED2)

EN 60317-35:2014/prA2:2023 en

Specifications for particular types of winding wires – Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer (IEC 60317-35/am2 ED2)
Specifikacije pojedinih vrsta žica za namote – 35. dio: Lemljiva okrugla bakrena žica lakirana poliuretanom, razreda 155, s vezivnim slojem (IEC 60317-35/am2 ED2)

EN 60317-36:2014/prA2:2023 en

Specifications for particular types of winding wires – Part 36: Solderable polyesterimide enamelled round copper wire, class 180, with a bonding layer (IEC 60317-36/am2 ED2)
Specifikacije pojedinih vrsta žica za namote – 36. dio: Lemljiva okrugla bakrena žica lakirana poliesterimidom, razreda 180, s vezivnim slojem (IEC 60317-36/am2 ED2)

EN 60317-37:2014/prA1:2023 en

Specifications for particular types of winding wires – Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer (IEC 60317-37/am1 ED2)
Specifikacije pojedinih vrsta žica za namote – 37. dio: Lemljiva okrugla bakrena žica lakirana poliesterimidom, razreda 180, s vezivnim slojem (IEC 60317-37/am1 ED2)

EN 60317-38:2014/prA1:2023 en

Specifications for particular types of winding wires – Part 38: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 200, with a bonding layer (IEC 60317-38/am1 ED2)
Specifikacije pojedinih vrsta žica za namote – 38. dio: Poliester ili poliesterimidom lakirana okrugla bakrena žica, prekrivena poliamid-imidom, razreda 200, s vezivnim slojem (IEC 60317-38/am1 ED2)

- EN 60317-46:2014/prA1:2023 en
Specifications for particular types of winding wires – Part 46: Aromatic polyimide enamelled round copper wire, class 240 (IEC 60317-46/am1 ED2)
Specifikacije pojedinih vrsta žica za namote – 46. dio: Okrugla bakrena žica lakirana aromatskim poliimidom, razreda 240 (IEC 60317-46/am1 ED2)
- EN 60317-47:2014/prA1:2023 en
Specifications for particular types of winding wires – Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240 (IEC 60317-47/am1 ED2)
Specifikacije pojedinih vrsta žica za namote – 47. dio: Profilna bakrena žica lakirana aromatskim poliimidom, razreda 240 (IEC 60317-47/am1 ED2)
- EN 60317-57:2010/prA1:2023 en
Specifications for particular types of winding wires – Part 57: Polyamide-imide enamelled round copper wire, class 220 (IEC 60317-57/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – 57. dio: Okrugla bakrena žica lakirana poliamid-imidom, razreda 220 (IEC 60317-57/am1 ED1)
- EN 60317-58:2010/prA1:2023 en
Specifications for particular types of winding wires – Part 58: Polyamide-imide enamelled rectangular copper wire, class 220 (IEC 60317-58/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – 58. dio: Profilna bakrena žica lakirana poliamid-imidom, razreda 220 (IEC 60317-58/am1 ED1)
- EN 60317-59:2016/prA1:2023 en
Specifications for particular types of winding wires – Part 59: Polyamide-imide enamelled round copper wire, class 240 (IEC 60317-59/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – 59. dio: Okrugla bakrena žica lakirana poliamid-imidom, razreda 240 (IEC 60317-59/am1 ED1)
- EN 60317-68:2017/prA2:2023 en
Specifications for particular types of winding wires – Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120 (IEC 60317-68/am2 ED1)
Specifikacije pojedinih vrsta žica za namote – 68. dio: Profilna aluminijska žica lakirana polivinil acetatom, razreda 120 (IEC 60317-68/am2 ED1)
- EN 60317-69:2017/prA1:2023 en
Specifications for particular types of winding wires – Part 69: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 220 (IEC 60317-69/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – 69. dio: Poliesterom ili poliesterimidom lakirana profilna aluminijska žica, prekrivena poliamid-imidom, razreda 220 (IEC 60317-69/am1 ED1)
- EN IEC 60317-73:2018/prA1:2023 en
Specifications for particular types of winding wires – Part 73: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200 (IEC 60317-73/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – 73. dio: Poliesterom ili poliesterimidom lakirana profilna aluminijska žica, prekrivena poliamid-imidom, razreda 200 (IEC 60317-73/am1 ED1)
- EN IEC 60317-74:2018/prA1:2023 en
Specifications for particular types of winding wires – Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180 (IEC 60317-74/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – 74. dio: Profilna aluminijska žica lakirana poliesterimidom, razreda 180 (IEC 60317-74/am1 ED1)
- EN IEC 60317-82:2020/prA1:2023 en
Specifications for particular types of winding wires – Part 82: Polyesterimide enamelled rectangular copper wire, class 200 (IEC 60317-82/am1 ED1)
Specifikacije pojedinih vrsta žica za namote – 82. dio: Profilna bakrena žica lakirana poliesterimidom, razreda 200 (IEC 60317-82/am1 ED1)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

- EN 61850-6:2010/prA2:2023 en
Communication networks and systems for power utility automation – Part 6: Configuration description language for communication in electrical substations related to IEDs (IEC 61850-6/am2 ED2)
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – 6. dio: Konfiguracija opisanog jezika za komunikaciju u transformatorskim stanicama s obzirom na IED-ove (IEC 61850-6/am2 ED2)

HZN/TO E62, Električna oprema u medicinskoj praksi

- EN 60601-2-68:2015/prA1:2023 en
Medical electrical equipment – Part 2-68: Particular requirements for the basic safety and essential performance of X-ray-based image-guided radiotherapy equipment for use with electron accelerators, light ion beam therapy equipment and radionuclide beam therapy equipment (IEC 60601-2-68/am1 ED1)
Medicinska električna oprema – Dio 2-68: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke radioterapijske opreme koja radi pod kontrolom rendgena za uporabu s elektronskim akceleratorima, terapijske opreme za zračenje svjetlosnim ionima i terapijske opreme za zračenje radionuklidima (IEC 60601-2-68/am1 ED1)

- prEN IEC 80601-2-71:2023 en
Medical electrical equipment – Part 2-71: Particular requirements for the basic safety and essential performance of functional near-infrared spectroscopy (NIRS) equipment (IEC 80601-2-71 ED2)
Medicinska električna oprema – Dio 2-71: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke funkcionalne opreme za spektroskopiju u bliskom infracrvenom području (NIRS) (IEC 80601-2-71 ED2)

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

- prEN IEC 62381:2023 en
Automation systems in the process industry – Factory acceptance test (FAT), site acceptance test (SAT), and site integration test (SIT) (IEC 62381 ED3)
Sustavi automatizacije u procesnoj industriji – Test tvorničkog preuzimanja (FAT), test preuzimanja na gradilištu (SAT) i test ugradnje na gradilištu (SIT) (IEC 62381 ED3)
- prEN IEC 62382:2023 en
Control systems in the process industry – Electrical and instrumentation loop check (IEC 62382 ED3)
Sustavi za vođenje u procesnoj industriji – Provjera električne i instrumentacijske petlje (IEC 62382 ED3)

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

- prEN IEC 61557-10:2023 en
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 10: Combined measuring equipment (IEC 61557-10 ED3)
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1000 V izmjenične struje i 1500 V istosmjernje struje – Oprema za ispitivanje, mjerenje ili nadzor zaštite – 10. dio: Kombinirana mjerna oprema (IEC 61557-10 ED3)
- prEN IEC 62974-1:2023 en
Monitoring and measuring systems used for data collection, gathering and analysis – Part 1: Device requirements (IEC 62974-1 ED2)
Nadzor i mjerenje sustava koji se upotrebljavaju za prikupljanje podataka, grupiranje i analize – 1. dio: Zahtjevi za uređaj (IEC 62974-1 ED2)

HZN/TO E88, Vjetroagregati

EN IEC 61400-24:2019/prA1:2023 en
Wind energy generation systems – Part 24: Lightning protection (IEC 61400-24/am1 ED2)
Sustavi za proizvodnju energije iz vjetra – 24. dio: Zaštita od munje (IEC 61400-24/am1 ED2)

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

prEN ISO 4628-3 en
Paints and varnishes – Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 3: Assessment of degree of rusting (ISO/DIS 4628-3:2023)
Boje i lakovi – Vrednovanje količine i veličine grešaka i intenzivnosti jednoličnih promjena izgleda – 3. dio: Procjena stupnja hrđanja (ISO/DIS 4628-3:2023)

prEN ISO 11890-1 en
Paints and varnishes – Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content – Part 1: Gravimetric method for VOC determination (ISO/DIS 11890-1:2023)
Boje i lakovi – Određivanje sadržaja hlapljivih organskih tvari (VOC) i/ili poluhlapljivih organskih tvari (SVOC) – 1. dio: Gravimetrijska metoda određivanja VOC-a (ISO/DIS 11890-1:2023)

prEN 17399 en
Algae and algae products – Terms and definitions
Alge i proizvodi na bazi algi – Nazivi i definicije

HZN/TU I2, Strojarstvo 2

prEN ISO 14146 en
Radiological protection – Criteria and performance limits for the periodic evaluation of dosimetry services (ISO/DIS 14146:2023)
Radiološka zaštita – Kriteriji i ograničenja izvedbe za periodično ocjenjivanje dozimetrijskih usluga (ISO/DIS 14146:2023)

prEN ISO 17099 en
Radiological protection – Performance criteria for laboratories using the cytokinesis block micronucleus (CBMN) assay in peripheral blood lymphocytes for biological dosimetry (ISO/DIS 17099:2023)

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

prEN ISO 8362-2 en
Injection containers and accessories – Part 2: Closures for injection vials (ISO/DIS 8362-2:2023)
Posude za injekcije i pribor – 2. dio: Zatvarači za injekcijske bočice (ISO/DIS 8362-2:2023)

prEN ISO 8536-13 en
Infusion equipment for medical use – Part 13: Graduated flow regulators for single use with fluid contact (ISO/DIS 8536-13:2023)
Oprema za infuziju za medicinsku primjenu – 13. dio: Regulatori protoka sa stupnjevanjem za jednokratnu upotrebu u kontaktu s tekućinom (ISO/DIS 8536-13:2023)

prEN 13795-1 en
Surgical clothing and drapes – Requirements and test methods – Part 1: Surgical drapes and gowns
Kirurška odjeća i prekrivači – Zahtjevi i metode ispitivanja – 1. dio: Kirurški prekrivači i ogrtači

prEN 13795-2 en
Surgical clothing and drapes – Requirements and test methods – Part 2: Clean air suits
Kirurška odjeća i prekrivači – Zahtjevi i metode ispitivanja – 2. dio: Operacijska odijela

prEN ISO 14607 en
Non-active surgical implants – Mammary implants – Particular requirements (ISO/DIS 14607:2023)
Neaktivni kirurški implantati – Implantati za dojke – Posebni zahtjevi (ISO/DIS 14607:2023)

prEN 14683 en
Medical face masks – Requirements and test methods
Kirurške maske – Zahtjevi i metode ispitivanja

prEN 17999 en
Accessible systems for living independently – Requirements and recommendations
Pristupačni sustavi za samostalan život – Zahtjevi i preporuke

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

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

HZN/TU V1, Elektronika 1

prEN IEC 60352-2:2023 en
Solderless connections – Part 2: Crimped connections – General requirements, test methods and practical guidance (IEC 60352-2 ED3)
Nelemljeni spojevi – 2. dio: Krimpani spojevi – Opći zahtjevi, metode ispitivanja i praktične upute (IEC 60352-2 ED3)

prEN IEC 60747-15:2023 en
Semiconductor devices – Part 15: Discrete devices – Isolated power semiconductor devices (IEC 60747-15 ED3)

prEN IEC 60793-1-22:2023 en
Optical fibres – Part 1-22: Measurement methods and test procedures – Length measurement (IEC 60793-1-22 ED2)
Optička vlakna – Dio 1-22: Metode mjerenja i postupci ispitivanja – Mjerenje duljine (IEC 60793-1-22 ED2)

prEN IEC 60793-1-40:2023 en
Optical fibres – Part 1-40: Attenuation measurement methods (IEC 60793-1-40 ED3)
Optička vlakna – Dio 1-40: Metode mjerenja prigušenja (IEC 60793-1-40 ED3)

prEN IEC 60793-1-46:2023 en
Optical fibres – Part 1-46: Measurement methods and test procedures – Monitoring of changes in attenuation (IEC 60793-1-46 ED2)

prEN IEC 60794-1-101:2023 en
Optical fibre cables – Part 1-101: Generic specification – Basic optical cable test procedures – Mechanical tests methods – Tensile, method E1 (IEC 60794-1-101 ED1)
Svjetlovodni kabeli – Dio 1-101: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Mehaničke metode ispitivanja – Vlačno ispitivanje, metoda E1 (IEC 60794-1-101 ED1)

prEN IEC 60794-1-104:2023 en
Optical fibre cables – Part 1-104: Generic specification – Basic optical cable test procedures – Mechanical tests method – Impact, method E4 (IEC 60794-1-104 ED1)
Svjetlovodni kabeli – Dio 1-104: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Mehaničke metode ispitivanja – Udar, metoda E4 (IEC 60794-1-104 ED1)

prEN IEC 62276:2023 en
Single crystal wafers for surface acoustic wave (SAW) device applications – Specifications and measuring methods (IEC 62276 ED4)

EN IEC 63281-1:2023 en
E-Transporters – Part 1: Terminology and classification (IEC 63281-1:2023)

HZN/TU W1, Energetska elektrotehnika 1

- prEN 45560 en
Method to achieve circular designs of products
- EN 50636-2-107:2015/prA4:2023 en
Safety of household and similar appliances – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers
Sigurnost kućanskih i sličnih aparata – Dio 2-107: Posebni zahtjevi za robotske kosilice koje se napajaju iz baterije
- prEN 50725 en
Specification for portable electrical apparatus designed to measure draught and gas pressure of heating appliances and systems
- prEN IEC 60704-2-9:2023 en
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-9: Particular requirements for electric hair care appliances (IEC 60704-2-9 ED2)
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-9: Posebni zahtjevi za električne aparate za njegu kose (IEC 60704-2-9 ED2)
- prEN IEC 61810-7-11:2023 en
Electrical relays – Tests and Measurements – Part 7-11: Enclosure Protection and Degree of Protection (IEC 61810-7-11 ED1)
- prEN IEC 61810-7-12:2023 en
Electrical relays – Tests and Measurements – Part 7-12: Internal Moisture (IEC 61810-7-12 ED1)
- prEN IEC 61810-7-13:2023 en
Electrical relays – Tests and Measurements – Part 7-13: Corrosive atmospheres – Polluted atmospheres (IEC 61810-7-13 ED1)
- prEN IEC 61810-7-14:2023 en
Electrical relays – Tests and Measurements – Part 7-14: Mould growth (IEC 61810-7-14 ED1)
- prEN IEC 61810-7-15:2023 en
Electrical relays – Tests and Measurements – Part 7-15: Robustness of Terminals (IEC 61810-7-15 ED1)
- prEN IEC 61810-7-17:2023 en
Electrical relays – Tests and Measurements – Part 7-17: Shock, Acceleration and Vibration (IEC 61810-7-17 ED1)
- prEN IEC 61810-7-19:2023 en
Electrical relays – Tests and Measurements – Part 7-19: Electrical endurance (IEC 61810-7-19 ED1)
- prEN IEC 61810-7-2:2023 en
Electrical relays – Tests and Measurements – Part 7-2: Mechanical tests and weighing (IEC 61810-7-2 ED1)
- prEN IEC 61810-7-21:2023 en
Electrical relays – Tests and Measurements – Part 7-21: Thermal Endurance (IEC 61810-7-21 ED1)
- prEN IEC 61810-7-30:2023 en
Electrical relays – Tests and Measurements – Part 7-30: Contact sticking (delayed release) (IEC 61810-7-30 ED1)
- prEN IEC 61810-7-39:2023 en
Electrical relays – Tests and Measurements – Part 7-39: Insertion and withdrawal force (IEC 61810-7-39 ED1)
- prEN IEC 61810-7-43:2023 en
Electrical relays – Tests and Measurements – Part 7-43: Proof tracking index (PTI) (IEC 61810-7-43 ED1)
- prEN IEC 61810-7-7:2023 en
Electrical relays – Tests and Measurements – Part 7-7: Functional Tests (IEC 61810-7-7 ED1)
- prEN IEC 61810-7-8:2023 en
Electrical relays – Tests and Measurements – Part 7-8: Timing (IEC 61810-7-8 ED1)
- prEN IEC 62841-4-10:2023 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-10: Particular requirements for pole-mounted pruners (IEC 62841-4-10 ED1)
- prEN IEC 62841-4-10:2023/prAA:2023 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-10: Particular requirements for pole-mounted pruners
- EN IEC 62841-4-4:202X/prA1:2023 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws (IEC 62841-4-4/am1 ED1)
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 4-4: Posebni zahtjevi za čistače za travu i rubnjake travnjaka, kosilice trave, rezačiće i pile za grmlje (IEC 62841-4-4/am1 ED1)
- prEN IEC 62841-4-9:2023 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-9: Particular requirements for battery-operated chain saws for tree service (IEC 62841-4-9 ED1)
- prEN IEC 62841-4-9:2023/prAA:2023 en
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-9: Particular requirements for chain saws for tree service
- prEN IEC 62933-5-1:2023 en
Electrical energy storage (EES) systems – Part 5-1: Safety considerations for grid-integrated EES systems – General specification (IEC 62933-5-1 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 44, Zavarivanje i srodni postupci

HRN EN ISO 3581:2016 en

Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje nehrđajućih i vatrootpornih čelika – Razredba (ISO 3581:2016, ispravljena verzija 2017-11-01; EN ISO 3581:2016)

Welding consumables – Covered electrodes for manual metal arc welding of stainless and heat-resisting steels – Classification (ISO 3581:2016, Corrected version 2017-11-01; EN ISO 3581:2016)

- zamijenjena s: HRN EN ISO 3581:2023

HRN EN ISO 14172:2015 en

Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje nikla i legura nikla – Razredba (ISO 14172:2015; EN ISO 14172:2015)

Welding consumables – Covered electrodes for manual metal arc welding of nickel and nickel alloys – Classification (ISO 14172:2015; EN ISO 14172:2015)

- zamijenjena s: HRN EN ISO 14172:2023

HRN EN ISO 14920:2015 en

Toplinsko naštrcavanje – Naštrcavanje i spajanje legura koje sadržavaju talilo (ISO 14920:2015; EN ISO 14920:2015)

Thermal spraying – Spraying and fusing of self-fluxing alloys (ISO 14920:2015; EN ISO 14920:2015)

- zamijenjena s: HRN EN ISO 14920:2023

HRN EN 21089:2002 en

Elektrodni konični dosjedi za opremu za točkasto zavarivanje – Dimenzije (ISO 1089:1980; EN 21089:1991)

Electrode taper fits for spot welding equipment – Dimensions (ISO 1089:1980; EN 21089:1991)

- zamijenjena s: HRN EN ISO 1089:2023

HZN/TO 120, Koža i obuća

HRN EN ISO 18218-1:2015 en

Koža – Određivanje etoksiliranih alkilfenola – 1. dio: Izravna metoda (ISO 18218-1:2015; EN ISO 18218-1:2015)

Leather – Determination of ethoxylated alkylphenols – Part 1: Direct method (ISO 18218-1:2015; EN ISO 18218-1:2015)

- zamijenjena s: HRN EN ISO 18218-1:2023

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 15560:2009 en

Gnojiva – Određivanje ukupnog dušika u kalcijevom cijanamidu bez nitrata (EN 15560:2009)

Fertilizers – Determination of total nitrogen in calcium cyanamide nitrate free (EN 15560:2009)

- zamijenjena s: HRN EN 15560:2023

HRN EN 15561:2009 en

Gnojiva – Određivanje ukupnog dušika u kalcijevom cijanamidu koji sadrži nitrata (EN 15561:2009)

Fertilizers – Determination of total nitrogen in calcium cyanamide containing nitrates (EN 15561:2009)

- zamijenjena s: HRN EN 15561:2023

HRN EN 15562:2009 en

Gnojiva – Određivanje cijanamidnog dušika (EN 15562:2009)

Fertilizers – Determination of cyanamide nitrogen (EN 15562:2009)

- zamijenjena s: HRN EN 15562:2023

HZN/TO 146, Kvaliteta zraka

HRN EN 12341:2014 en

Vanjski zrak – Određivanje masene koncentracije suspendiranih čestica PM10 ili PM2,5 standardnom gravimetrijskom metodom (EN 12341:2014)

Ambient air – Standard gravimetric measurement method for the determination of the PM10 or PM2,5 mass concentration of suspended particulate matter (EN 12341:2014)

- zamijenjena s: HRN EN 12341:2023

HZN/TO 147, Kvaliteta vode

HRN EN ISO 13164-4:2020 en

Kvaliteta vode – Radon-222 – 4. dio: Metoda ispitivanja s upotrebom dvofazne tekućinske scintilacije (ISO 13164-4:2015; EN ISO 13164-4:2020)

Water quality – Radon-222 – Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2015; EN ISO 13164-4:2020)

- zamijenjena s: HRN EN ISO 13164-4:2023

HZN/TO 163, Toplinska izolacija

HRN EN 13187:2000 en

Toplinske značajke zgrada – Kvalitativno otkrivanje toplinskih mostova u obodnim konstrukcijama zgrada – Metoda infracrvenog snimanja (ISO 6781:1983 preinačen; EN 13187:1998)

Thermal performance of buildings – Qualitative detection of thermal irregularities in building envelopes – Infrared method (ISO 6781:1983 modified; EN 13187:1998)

- zamijenjena s: HRN EN ISO 6781-1:2023

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 14350:2020 en

Proizvodi za dojenčad i malu djecu – Oprema za tekuću hranu – Sigurnosni zahtjevi i metode ispitivanja (EN 14350:2020)

Child care articles – Drinking equipment – Safety requirements and test methods (EN 14350:2020)

- zamijenjena s: HRN EN 14350:2023

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 11073-10419:2016 en

Medicinska informatika – Povezivost osobnoga medicinskog uređaja – 10419. dio: Namjena uređaja – Inzulinska pumpa (ISO/IEEE 11073-10419:2016, ispravljena verzija 2018-03; EN ISO 11073-10419:2016)

Health informatics – Personal health device communication – Part 10419: Device specialization – Insulin pump (ISO/IEEE 11073-10419:2016, Corrected version 2018-03; EN ISO 11073-10419:2016)

- zamijenjena s: HRN EN ISO/IEEE 11073-10419:2023

HZN/TO 503, Metalni materijali

HRN EN ISO 204:2018 en

Metalni materijali – Jednoosno ispitivanje puzanja pri vlačnome naprezanju – Metoda ispitivanja (ISO 204:2018; EN ISO 204:2018)

Metallic materials – Uniaxial creep testing in tension – Method of test (ISO 204:2018; EN ISO 204:2018)

- zamijenjena s: HRN EN ISO 204:2023

HRN EN 10209:2014 en

Hladno valjani čelični plosnati proizvodi od niskougličnog čelika za staklasto emajliranje – Tehnički uvjeti isporuke (EN 10209:2013)

Cold rolled low carbon steel flat products for vitreous enamelling – Technical delivery conditions (EN 10209:2013)

- zamijenjena s: HRN EN 10209:2023

HZN/TO 509, Cestovna oprema

HRN EN 14389-1:2015 en

Barijere za zaštitu od buke s cesta – Postupci za procjenjivanje dugoročne učinkovitosti – 1. dio: Akustična svojstva (EN 14389-1:2015)

Road traffic noise reducing devices – Procedures for assessing long term performance – Part 1: Acoustical characteristics (EN 14389-1:2015)

- zamijenjena s: HRN EN 14389:2023

HRN EN 14389-2:2015 en

Barijere za zaštitu od buke s cesta – Postupci za procjenjivanje dugoročne učinkovitosti – 2. dio: Neakustična svojstva (EN 14389-2:2015)

Road traffic noise reducing devices – Procedures for assessing long term performance – Part 2: Non-acoustical characteristics (EN 14389-2:2015)

- zamijenjena s: HRN EN 14389:2023

HZN/TO 524, Inteligentni transportni sustavi

HRN EN 16062:2015 en

Inteligentni transportni sustavi – Elektronička sigurnost – Zahtjevi više razine koji se odnose na aplikacije za hitne elektroničke pozive iz vozila (HLAP) uporabom GSM/UMTS mreža (EN 16062:2015)

Intelligent transport systems – ESafety – eCall high level application requirements (HLAP) using GSM/UMTS circuit switched networks (EN 16062:2015)

- zamijenjena s: HRN EN 16062:2023

HRS CEN ISO/TS 17573-3:2023 en

Elektronička naplata – Arhitektura sustava za naplatu cestarina za vozila – 3. dio: Rječnik podataka (ISO/TS 17573-3:2021; CEN ISO/TS 17573-3:2021)

Electronic fee collection – System architecture for vehicle-related tolling – Part 3: Data dictionary (ISO/TS 17573-3:2021; CEN ISO/TS 17573-3:2021)

- zamijenjena s: HRN EN ISO 17573-3:2023

HZN/TO 528, Oprema za željeznice

HRN EN 15016-1:2008 en

Tehnički crteži – Željeznički sustav – 1. dio: Osnovna načela (EN 15016-1:2004)

Technical drawings – Railway applications – Part 1: General Principles (EN 15016-1:2004)

- zamijenjena s: HRN EN 15016-1:2023

HRN EN 15016-2:2008 en

Tehnički crteži – Željeznički sustav – 2. dio: Liste dijelova (sastavnice) (EN 15016-2:2004+AC:2007)

Technical drawings – Railway applications – Part 2: Parts lists (EN 15016-2:2004+AC:2007)

- zamijenjena s: HRN EN 15016-2:2023

HRN EN 15016-3:2008 en

Tehnički crteži – Željeznički sustav – 3. dio: Vođenje izmjena tehničkih dokumenata (EN 15016-3:2004)

Technical drawings – Railway applications – Part 3: Handling of modifications of technical documents (EN 15016-3:2004)

- zamijenjena s: HRN EN 15016-3:2023

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

HRN EN ISO 22721:2008 en

Conveyor belts – Specification for rubber- or plastics-covered conveyor belts of textile construction for underground mining (ISO 22721:2007; EN ISO 22721:2007)

- zamijenjena s: HRN EN ISO 22721:2023

HZN/TO 531, Plastika i guma

HRN EN ISO 1172:2005 en

Plastika ojačana tekstilno-staklenim vlaknima – Preprezi, smjese za prešanje i laminati – Određivanje sadržaja tekstilno-staklenog i mineralnog punila – Metode kalciniranja (ISO 1172:1996; EN ISO 1172:1998)

Textile-glass-reinforced plastics – Prepregs, moulding compounds and laminates – Determination of the textile-glass and mineral-filler content – Calcination methods (ISO 1172:1996; EN ISO 1172:1998)

- zamijenjena s: HRN EN ISO 1172:2023

HRN EN ISO 7231:2010 en

Savitljivi pjenasti polimerni materijali – Određivanje protoka zraka pri stalnom padu tlaka (ISO 7231:2010; EN ISO 7231:2010)

Polymeric materials, cellular, flexible – Determination of air flow value at constant pressure-drop (ISO 7231:2010; EN ISO 7231:2010)

- zamijenjena s: HRN EN ISO 7231:2023

HRN EN ISO 13927:2015 en

Plastika – Jednostavno ispitivanja oslobađanja topline stožastim radijacijskim grijalom i detektorom s termoelementom (ISO 13927:2015; EN ISO 13927:2015)

Plastics – Simple heat release test using a conical radiant heater and a thermopile detector (ISO 13927:2015; EN ISO 13927:2015)

- zamijenjena s: HRN EN ISO 13927:2023

HRN EN ISO 20200:2016 en

Plastika – Određivanje stupnja raspadanja plastičnih materijala simulacijom kompostnih uvjeta u laboratorijskome mjerilu (ISO 20200:2015; EN ISO 20200:2015)

Plastics – Determination of the degree of disintegration of plastic materials under simulated composting conditions in a laboratory-scale test (ISO 20200:2015; EN ISO 20200:2015)

- zamijenjena s: HRN EN ISO 20200:2023

HZN/TO 533, Kolničke konstrukcije

HRN EN 12697-47:2011 en

Bitumenske mješavine – Metode ispitivanja za asfalt proizveden vrućim postupkom – 47. dio: Određivanje udjela pepela u prirodnom asfaltu (EN 12697-47:2010)

Bituminous mixtures – Test methods for hot mix asphalt – Part 47: Determination of the ash content of natural asphalts (EN 12697-47:2010)

- zamijenjena s: HRN EN 12697-47:2023

HZN/TO 544, Strojni elementi

HRN EN ISO 4032:2013 en

Šesterokutne matice (tip 1) – Proizvod kvalitete izrade A i B (ISO 4032:2012; EN ISO 4032:2012)

Hexagon regular nuts (style 1) – Product grades A and B (ISO 4032:2012; EN ISO 4032:2012)

- zamijenjena s: HRN EN ISO 4032:2023

HRN EN ISO 4033:2013 en

Šesterokutne visoke matice (tip 2) – Proizvod kvalitete izrade A i B (ISO 4033:2012; EN ISO 4033:2012)

Hexagon high nuts (style 2) – Product grades A and B (ISO 4033:2012; EN ISO 4033:2012)

- zamijenjena s: HRN EN ISO 4033:2023

HRN EN ISO 4035:2013 en

Šesterokutne niske skošene matice (tip 0) – Proizvod kvalitete izrade A i B (ISO 4035:2012; EN ISO 4035:2012)

Hexagon thin nuts chamfered (style 0) – Product grades A and B (ISO 4035:2012; EN ISO 4035:2012)

- zamijenjena s: HRN EN ISO 4035:2023

HRN EN ISO 8673:2013 en

Šesterokutne matice (tip 1) s finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO 8673:2012; EN ISO 8673:2012)

Hexagon regular nuts (style 1) with metric fine pitch thread – Product grades A and B (ISO 8673:2012; EN ISO 8673:2012)

- zamijenjena s: HRN EN ISO 8673:2023

HRN EN ISO 8674:2013 en

Šesterokutne visoke matice (tip 2) s finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO 8674:2012; EN ISO 8674:2012)

Hexagon high nuts (style 2) with metric fine pitch thread – Product grades A and B (ISO 8674:2012; EN ISO 8674:2012)

- zamijenjena s: HRN EN ISO 8674:2023

HRN EN ISO 8675:2013 en

Šesterokutne niske skošene matice (tip 1) s finim metričkim navojem – Proizvod kvalitete izrade A i B (ISO 8675:2012; EN ISO 8675:2012)

Hexagon thin nuts chamfered (style 0) with metric fine pitch thread – Product grades A and B (ISO 8675:2012; EN ISO 8675:2012)

- zamijenjena s: HRN EN ISO 8675:2023

HZN/TO 554, Obrada otpadnih voda

HRN EN 12255-13:2005 en

Uređaji za pročišćavanje otpadnih voda – 13. dio: Kemijska obrada – Obrada otpadnih voda precipitacijom/flokulacijom (EN 12255-13:2002)

Wastewater treatment plants – Part 13: Chemical treatment – Treatment of wastewater by precipitation/flocculation (EN 12255-13:2002)

- zamijenjena s: HRN EN 12255-13:2023

HZN/TO 556, Osobna zaštitna oprema

HRN ISO 45001:2018 en

Sustavi upravljanja zaštitom zdravlja i sigurnosti pri radu – Zahtjevi s uputama za uporabu (ISO 45001:2018)

Occupational health and safety management systems – Requirements with guidance for use (ISO 45001:2018)

- zamijenjena s: HRN EN ISO 45001:2023

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 17751-2:2016 en

Tekstil – Kvantitativne metode analize kašmira, vune i drugih specijalnih životinjskih vlakana i njihovih mješavina – 2. dio: Metoda skeniranja elektronskim mikroskopom (ISO 17751-2:2016; EN ISO 17751-2:2016)

Textiles – Quantitative analysis of cashmere, wool, other specialty animal fibers and their blends – Part 2: Scanning Electron Microscopy method (ISO 17751-2:2016; EN ISO 17751-2:2016)

- zamijenjena s: HRN EN ISO 17751-2:2023

HRN EN 25978:2008 en

Plošne tekstilije naslojene gumom ili plastikom – Određivanje otpornosti slučajnog slijepljivanja (ISO 5978:1990; EN 25978:1993)

Rubber- or plastics-coated fabrics – Determination of blocking resistance (ISO 5978:1990; EN 25978:1993)

- zamijenjena s: HRN EN ISO 5978:2023

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

HRN EN ISO 11623:2016 en

Plinske boce – Kompozitna konstrukcija – Periodični pregled i ispitivanje (ISO 11623:2015, ispravljena verzija 2017-02; EN ISO 11623:2015)

Gas cylinders – Composite construction – Periodic inspection and testing (ISO 11623:2015, Corrected version 2017-02; EN ISO 11623:2015)

- zamijenjena s: HRN EN ISO 11623:2023

HRN EN 13445-2:2021 en

Neložene posude pod tlakom – 2. dio: Materijali (EN 13445-2:2021, 1. izdanje 2021-05)

Unfired pressure vessels – Part 2: Materials (EN 13445-2:2021, Issue 1 2021-05)

- zamijenjena s: HRN EN 13445-2:2023

HRN EN 13445-2:2021/A1:2023 en

Neložene posude pod tlakom – 2. dio: Materijali (EN 13445-2:2021/A1:2023)

Unfired pressure vessels – Part 2: Materials (EN 13445-2:2021/A1:2023)

- zamijenjena s: HRN EN 13445-2:2023

HRN EN 13445-4:2021 en

Neložene posude pod tlakom – 4. dio: Proizvodnja (EN 13445-4:2021, 1. izdanje 2021-05)

Unfired pressure vessels – Part 4: Fabrication (EN 13445-4:2021, Issue 1 2021-05)

- zamijenjena s: HRN EN 13445-4:2023

HRN EN 13445-4:2021/A1:2023 en

Neložene posude pod tlakom – 4. dio: Proizvodnja (EN 13445-4:2021/A1:2023)

Unfired pressure vessels – Part 4: Fabrication (EN 13445-4:2021/A1:2023)

- zamijenjena s: HRN EN 13445-4:2023

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

HRN EN 1176-10:2008 en

Oprema i podloge za igrališta – 10. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za potpuno zatvorenu opremu za igru (EN 1176-10:2008)

Playground equipment and surfacing – Part 10: Additional specific safety requirements and test methods for fully enclosed play equipment (EN 1176-10:2008)

- zamijenjena s: HRN EN 1176-10:2023

HRN EN ISO 23537-2:2016 en

Zahtjevi za vreće za spavanje – 2. dio: Svojstva tkanine i materijala (ISO 23537-2:2016; EN ISO 23537-2:2016)

Requirements for sleeping bags – Part 2: Fabric and material properties (ISO 23537-2:2016; EN ISO 23537-2:2016)

- zamijenjena s: HRN EN ISO 23537-2:2023

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

HRS CEN/TS 16555-3:2015 en

Upravljanje inovacijama – 3. dio: Osmišljavanje inovacija (CEN/TS 16555-3:2014)

Innovation management – Part 3: Innovation thinking (CEN/TS 16555-3:2014)

- zamijenjena s: HRN EN ISO 56007:2023

HRS CEN/TS 16555-6:2015 en

Upravljanje inovacijama – 6. dio: Upravljanje kreativnošću (CEN/TS 16555-6:2014)

Innovation management – Part 6: Creativity management (CEN/TS 16555-6:2014)

- zamijenjena s: HRN EN ISO 56007:2023

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

HRN EN ISO 11267:2014 en

Kvaliteta tla – Inhibicija razmnožavanja Collembola (Folsomia candida) zbog onečišćivača u tlu (ISO 11267:2014; EN ISO 11267:2014)

Soil quality – Inhibition of reproduction of Collembola (Folsomia candida) by soil contaminants (ISO 11267:2014; EN ISO 11267:2014)

- zamijenjena s: HRN EN ISO 11267:2023

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

HRN EN ISO/ASTM 52902:2019 en

Aditivna proizvodnja – Opća načela – Geometrijska sposobnost za procjenu aditivnih proizvodnih sustava (ISO/ASTM 52902:2019; EN ISO/ASTM 52902:2019)

Additive manufacturing – Test artifacts – Geometric capability assessment of additive manufacturing systems (ISO/ASTM 52902:2019; EN ISO/ASTM 52902:2019)

- zamijenjena s: HRN EN ISO/ASTM 52902:2023

HZN/TU F1, Osnovne norme 1

HRN EN 15713:2009 en

Secure destruction of confidential material – Code of practice (EN 15713:2009)

- zamijenjena s: HRN EN 15713:2023

HZN/TU N1, Nemetalni materijali 1

HRN EN 725-12:2008 en

Tehnička keramika – Metode ispitivanja keramičkoga praha – 12. dio: Kemijska analiza cirkonija (EN 725-12:2001)

Advanced technical ceramics – Methods of test for ceramic powders – Part 12: Chemical analysis of zirconia (EN 725-12:2001)

- zamijenjena s: HRN EN ISO 23739:2023

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

HRN EN ISO 3630-4:2011 en

Stomatologija – Endodontski instrumenti – 4. dio: Pomoćni instrumenti (ISO 3630-4:2009; EN ISO 3630-4:2009)
Dentistry – Root canal instruments – Part 4: Auxiliary instruments (ISO 3630-4:2009; EN ISO 3630-4:2009)
- zamijenjena s: HRN EN ISO 3630-4:2023

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

HRN EN 2591-508:2008 en

Nizovi o zrakoplovstvu – Elementi električne i optičke veze – Metode ispitivanja – 508. dio: Mjerenje debljine prevlaka na kontaktima (EN 2591-508:2001)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 508: Measurement of thickness of coating on contacts (EN 2591-508:2001)
- zamijenjena s: HRN EN 2591-508:2023

HRN EN 2591-509:2008 en

Nizovi o zrakoplovstvu – Elementi električne i optičke veze – Metode ispitivanja – 509. dio: Prianjanje prevlake na kontaktima (EN 2591-509:2001)
Aerospace series – Elements of electrical and optical connection – Test methods – Part 509: Adhesion of coating on contacts (EN 2591-509:2001)
- zamijenjena s: HRN EN 2591-509:2023

HRN EN ISO 11243:2016 en

Bicikli – Nosači prtljage za bicikle – Zahtjevi i metode ispitivanja (ISO 11243:2016; EN ISO 11243:2016)
Cycles – Luggage carriers for bicycles – Requirements and test methods (ISO 11243:2016; EN ISO 11243:2016)
- zamijenjena s: HRN EN ISO 11243:2023

HRN EN 15194:2017 en

Bicikli – Bicikli s pomoćnim električnim pogonom – EPAC Bicikli (EN 15194:2017)
Cycles – Electrically power assisted cycles – EPAC Bicycles (EN 15194:2017)
- zamijenjena s: HRN EN 15194:2023

HRN EN 16603-20-08:2014 en

Svemirsko inženjerstvo – Dio 20-08: Fotonaponski sklopovi i dijelovi (EN 16603-20-08:2014)
Space engineering – Part 20-08: Photovoltaic assemblies and components (EN 16603-20-08:2014)
- zamijenjena s: HRN EN 16603-20-08:2023

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 44, Zavarivanje i srodni postupci

- umjesto

HRN EN ISO 25980:2023

Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Prozirni zastori za zavarivanje, trake i zasloni za postupke elektrodušnog 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)

- treba biti

HRN EN ISO 25980:2023

Zdravlje i sigurnost pri zavarivanju i srodnim postupcima – Prozirni zastori za zavarivanje, trake i zasloni za postupke elektrodušnog zavarivanja (ISO 25980:2023, **ispravljena verzija 2023-08**; 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, **Corrected version 2023-08**; EN ISO 25980:2023)

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

- umjesto

HRN EN ISO 10535:2021

Pomagala za osobe s invaliditetom – Dizala za prijevoz osoba – Zahtjevi i metode ispitivanja (ISO 10535:2021; EN ISO 10535:2021)
Assistive products – Hoists for the transfer of persons – Requirements and test methods (ISO 10535:2021; EN ISO 10535:2021)

- treba biti

HRN EN ISO 10535:2021

Pomagala za osobe s invaliditetom – Dizala za prijevoz osoba – Zahtjevi i metode ispitivanja (ISO 10535:2021, **ispravljena verzija 2023-08**; EN ISO 10535:2021)
Assistive products – Hoists for the transfer of persons – Requirements and test methods (ISO 10535:2021, **Correction version 2023-08**; EN ISO 10535:2021)

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

- umjesto

HRN EN 2880:2020

Matice, sidrene, samozatvarajuće, otporne na gorivo, brtvene, slobodne, dvokrilne, s upustom, od legure čelika, prevučene kadmijem, podmazane s MoS₂ – Klasifikacija: 900 MPa (pri temperaturi okoline) / 120 °C (EN 2880:2018+AC:2019)
Aerospace series – Nuts, anchor, self-locking, fuel resistant, sealing, floating, two lug, with counterbore, in alloy steel, cadmium plated, MoS₂ lubricated – Classification: 900 MPa (at ambient temperature) / 120 °C (EN 2880:2018+AC:2019)

- treba biti

HRN EN 2880:2020

Zrakoplovstvo – Matice, sidrene, samozatvarajuće, otporne na gorivo, brtvene, slobodne, dvokrilne, s upustom, od legure čelika, prevučene kadmijem, podmazane s MoS₂ – Klasifikacija: 900 MPa (pri temperaturi okoline) / 120 °C (EN 2880:2018+AC:2019)
Aerospace series – Nuts, anchor, self-locking, fuel resistant, sealing, floating, two lug, with counterbore, in alloy steel, cadmium plated, MoS₂ lubricated – Classification: 900 MPa (at ambient temperature) / 120 °C (EN 2880:2018+AC:2019)

- umjesto
HRN EN ISO 4210-4:2023
Bicikli – Sigurnosni zahtjevi za bicikle – 4. dio: Metode ispitivanja kočenja (ISO 4210-4:2023; EN ISO 4210-4:2023)
Cycles – Safety requirements for bicycles – Part 4: Braking test methods (ISO 4210-4:2023; EN ISO 4210-4:2023)
- treba biti
HRN EN ISO 4210-4:2023
Bicikli – Sigurnosni zahtjevi za bicikle – 4. dio: Metode ispitivanja kočenja (ISO 4210-4:2023, **ispravljena verzija 2023-08**; EN ISO 4210-4:2023)
Cycles – Safety requirements for bicycles – Part 4: Braking test methods (ISO 4210-4:2023, **Corrected version 2023-08**; EN ISO 4210-4:2023)
- umjesto
HRN EN ISO 4210-5:2023
Bicikli – Sigurnosni zahtjevi za bicikle – 5. dio: Metode ispitivanja za upravljanje (ISO 4210-5:2023; EN ISO 4210-5:2023)
Cycles – Safety requirements for bicycles – Part 5: Steering test methods (ISO 4210-5:2023; EN ISO 4210-5:2023)
- treba biti
HRN EN ISO 4210-5:2023
Bicikli – Sigurnosni zahtjevi za bicikle – 5. dio: Metode ispitivanja za upravljanje (ISO 4210-5:2023, **ispravljena verzija 2023-08**; EN ISO 4210-5:2023)
Cycles – Safety requirements for bicycles – Part 5: Steering test methods (ISO 4210-5:2023, **Corrected version 2023-08**; EN ISO 4210-5:2023)
- umjesto
HRN EN ISO 4210-6:2023
Bicikli – Sigurnosni zahtjevi za bicikle – 6. dio: Metode ispitivanja za okvir i vilicu (ISO 4210-6:2023; EN ISO 4210-6:2023)
Cycles – Safety requirements for bicycles – Part 6: Frame and fork test methods (ISO 4210-6:2023; EN ISO 4210-6:2023)
- treba biti
HRN EN ISO 4210-6:2023
Bicikli – Sigurnosni zahtjevi za bicikle – 6. dio: Metode ispitivanja za okvir i vilicu (ISO 4210-6:2023, **ispravljena verzija 2023-08**; EN ISO 4210-6:2023)
Cycles – Safety requirements for bicycles – Part 6: Frame and fork test methods (ISO 4210-6:2023, **Corrected version 2023-08**; EN ISO 4210-6:2023)
- umjesto
HRN EN ISO 8098:2023
Bicikli – Sigurnosni zahtjevi za bicikle za malu djecu (ISO 8098:2023; EN ISO 8098:2023)
Cycles – Safety requirements for bicycles for young children (ISO 8098:2023; EN ISO 8098:2023)
- treba biti
HRN EN ISO 8098:2023
Bicikli – Sigurnosni zahtjevi za bicikle za malu djecu (ISO 8098:2023, **ispravljena verzija 2023-08**; EN ISO 8098:2023)
Cycles – Safety requirements for bicycles for young children (ISO 8098:2023, **Corrected version 2023-08**; EN ISO 8098:2023)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

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

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

HRN EN ISO 15156-2:2020 en pr
Industrija nafte i prirodnoga plina – Materijali koji se upotrebljavaju pri proizvodnji nafte i prirodnoga plina uz prisutnost sumporovodika (H₂S) – 2. dio: Ugljični i niskolegirani čelici otporni na pucanje te upotreba lijevanog željeza (ISO 15156-2:2020; EN ISO 15156-2:2020)
Petroleum and natural gas industries – Materials for use in H₂S-containing environments in oil and gas production – Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons (ISO 15156-2:2020; EN ISO 15156-2:2020)

HZN/ TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRN EN ISO/IEC 17043:2023 en pr
Ocjenjivanje sukladnosti – Opći zahtjevi za osposobljenost organizatora ispitivanja sposobnosti (ISO/IEC 17043:2023; EN ISO/IEC 17043:2023)
Conformity assessment – General requirements for the competence of proficiency testing providers (ISO/IEC 17043:2023; EN ISO/IEC 17043:2023)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/ TO 557, *Zaštitna odjeća*

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome i engleskome jeziku, kao dvojezično izdanje:

HRN EN ISO 13688:2013 hr, en- en pr-pp
Zaštitna odjeća – Opći zahtjevi (ISO 13688:2013;
EN ISO 13688:2013)
Protective clothing – General requirements (ISO 13688:2013;
EN ISO 13688:2013)

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

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome i engleskome jeziku, kao dvojezično izdanje:

HRN EN 13480-2:2017 hr, en- en pr-pp
Metalni industrijski cjevovodi – 2. dio: Materijali
(EN 13480-2:2017)
Metallic industrial piping – Part 2: Materials
(EN 13480-2:2017)

HRN EN 13480-2:2017/A1:2018 hr, en- en pr-pp
Metalni industrijski cjevovodi – 2. dio: Materijali
(EN 13480-2:2017/A1:2018)
Metallic industrial piping – Part 2: Materials
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Metalni industrijski cjevovodi – 2. dio: Materijali
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Metalni industrijski cjevovodi – 2. dio: Materijali
(EN 13480-2:2017/A3:2018)
Metallic industrial piping – Part 2: Materials
(EN 13480-2:2017/A3:2018)

2 Rezultati mednarodne i evropske normizacije

Evropska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 480-1	Admixtures for concrete, mortar and grout – Test methods – Part 1: Reference concrete and reference mortar for testing	91.100.10; 91.100.30	2023-07
EN 480-15	Admixtures for concrete, mortar and grout – Test methods – Part 15: Reference concrete and method for testing viscosity modifying admixtures	91.100.30	2023-07
EN 508-3+A1	Roofing and cladding products from metal sheet – Specification for self-supporting products of steel, aluminium or stainless steel sheet – Part 3: Stainless steel	91.060.20	2023-07
EN 1915-1	Aircraft ground support equipment – General requirements – Part 1: Basic safety requirements	49.100	2023-07
EN 3637	Aerospace series – Nut, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy – NI-P101HT (Waspaloy), silver plated, Classification: 1210 MPa/730 °C	49.030.30	2023-07
EN 4165-002	Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 002: Specification of performance and contact arrangements	49.060	2023-07
EN 4269	Aerospace series – Nuts, anchor, self-locking, floating, two lug, reduced series, with counterbore, in steel, cadmium plated, MoS ₂ lubricated – Classification: 1110 MPa (at ambient temperature)/235 °C	49.030.30	2023-07
EN 9215	Programme Management – Definition justification and qualification – A guide to drawing up the definition justification plan and of the definition justification dossier	49.020	2023-07
EN 10209	Cold rolled low carbon steel flat products for vitreous enamelling – Technical delivery conditions	77.140.50	2023-07
EN 12152	Curtain walling – Air permeability – Performance requirements and classification	91.060.10	2023-07
EN 12153	Curtain walling – Air permeability – Test method	91.060.10	2023-07
EN 12255-6	Wastewater treatment plants – Part 6: Activated sludge process	13.060.30	2023-07
EN 12255-13	Wastewater treatment plants – Part 13: Chemical treatment – Treatment of wastewater by precipitation/flocculation	13.060.30	2023-07
EN 12255-14	Wastewater treatment plants – Part 14: Disinfection	13.060.30	2023-07
EN 12595	Bitumen and bituminous binders – Determination of kinematic viscosity	75.140; 91.100.50	2023-07
EN 12596	Bitumen and bituminous binders – Determination of dynamic viscosity by vacuum capillary	75.140; 91.100.50	2023-07
EN 13489	Wood-flooring and parquet – Multi-layer parquet elements	79.080	2023-07
EN 14024	Metal profiles with thermal barrier – Mechanical performance – Requirements, proof and tests for assessment	91.060.10; 91.060.50	2023-07
EN 14334	LPG equipment and accessories – Inspection and testing of LPG road tankers	43.080.10	2023-07
EN 14366-1	Laboratory measurement of airborne and structure-borne sound from service equipment – Part 1: Application rules for waste water installations	17.140.20; 91.140.80	2023-07
EN 14432	Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals and liquefied gases – Product discharge and air inlet valves	23.020.20; 23.060.99	2023-07
EN 14433	Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals and liquefied gases – Foot valves	23.020.20; 23.060.99	2023-07
EN 14470-1	Fire safety storage cabinets – Part 1: Safety storage cabinets for flammable liquids	13.220.40; 71.040.10	2023-07
EN 14769	Bitumen and bituminous binders – Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV)	75.140; 91.100.50	2023-07
EN 14770	Bitumen and bituminous binders – Determination of complex shear modulus and phase angle – Dynamic Shear Rheometer (DSR)	75.140; 91.100.50	2023-07
EN 14771	Bitumen and bituminous binders – Determination of the flexural creep stiffness – Bending Beam Rheometer (BBR)	75.140; 91.100.50	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN 14972-7	Fixed firefighting systems – Water mist systems – Part 7: Test protocol for commercial low hazard occupancies for automatic nozzle systems	13.220.20	2023-07
EN 15026	Hygrothermal performance of building components and building elements – Assessment of moisture transfer by numerical simulation	91.120.01	2023-07
EN 15267-1	Air quality – Assessment of air quality monitoring equipment – Part 1: General principles of certification	13.040.99	2023-07
EN 15267-2	Air quality – Assessment of air quality monitoring equipment – Part 2: Initial assessment of the manufacturer's quality management system and post certification surveillance for the manufacturing process	03.100.70; 13.040.99	2023-07
EN 15287-1	Chimneys – Design, installation and commissioning – Part 1: Chimneys and connecting flue pipes for non-room sealed combustion appliances	91.060.40	2023-07
EN 15287-2	Chimneys – Design, installation and commissioning – Part 2: Chimneys and connecting flue pipes for room sealed combustion appliances	91.060.40	2023-07
EN 17134-2	Textiles and textile products – Determination of biocide additives – Part 2: Chlorophenol-based preservatives, method using gas chromatography	59.080.01	2023-07
EN 17821	Building valves – Frost resistant taps for outdoor use (FRT) – General technical specification	23.060.01; 91.140.60	2023-07
EN 17827	Glass packaging – Finishes for sparkling wines produced by the traditional method (26 mm, 29 mm, 36 mm)	55.100	2023-07
EN 17829	Glass packaging – 28 millimetre-screw finishes (MCA range) – Dimensions	55.100	2023-07
EN 17851	Foodstuffs – Determination of elements and their chemical species -Determination of Ag, As, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Se, Ti, U and Zn in foodstuffs by inductively coupled plasma mass spectrometry (ICP-MS) after pressure digestion	67.050	2023-07
EN 17861	Resilient, textile, laminate and modular mechanical locked floor coverings – Circular Economy – Terms and definitions	01.040.13; 01.040.97; 13.030.50; 97.150	2023-07
CWA 17897-2	Extraction, production and purification of added value products from urban wastes – Part 2: Extraction and purification of PHA biopolymers	13.030.10	2023-07
CEN/TS 17946	Helmets for S-EPAC riders	13.340.20	2023-07
CWA 18004	Requirements for acquiring digital information from victims during Search and Rescue operations	13.200; 35.240.99	2023-07
CWA 18005	Requirements and recommendations for social media early warning messages in crisis and disaster management	13.200; 35.240.99	2023-07
CWA 18008	Design and Construction Code for mechanical equipments of innovative nuclear installations	27.120.01	2023-07
CWA 18009	Evaluation of exercises – Implementation Guidelines	13.200	2023-07
CWA 18011	Guidelines for the evaluation of the plane stress fracture toughness of advanced high strength steel sheets in the frame of fracture mechanics	77.040.10; 77.140.20	2023-07
CWA 18012	Test method for the determination of a cracking resistance index for advanced high strength steel sheets	77.040.10; 77.140.20	2023-07
CWA 18013	Collaborative emergency response – Common addressing format and emergency identification protocol	13.200; 35.240.99	2023-07
CWA 18014	Mediation Grammar – A testing methodology for measuring the empowerment of users of public services for migrants	03.080.30	2023-07
CWA 18017	Management of forest fire incidents – SITAC-based symbology	01.080.10; 13.220.10	2023-07
CWA 18018	Structuring an emergency response plan for crisis management stakeholders	13.200	2023-07
CWA 18019	Specifications for Digital Scenarios for Crisis Management Exercises	13.200; 35.240.99	2023-07
EN 50090-6-3	Home and Building Electronic Systems (HBES) – Part 6-3: 3rd Party HBES IoT API	35.240.67; 97.120	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50341-2-21	Overhead electrical lines exceeding AC 1 kV – National Normative Aspects (NNA) for Slovenia (based on EN 50341-1:2012)	29.240.20	2023-07
EN 50411-3-2	Fibre management systems and protective housings to be used in optical fibre communication systems – Product specifications – Part 3-2: Single-mode mechanical fibre splice	33.180.20	2023-07
EN 50436-1	Alcohol interlocks – Test methods and performance requirements – Part 1: Instruments having a mouthpiece and measuring breath alcohol for drink-driving-offender programs and general preventive use	43.040.10; 71.040.40	2023-07
EN 50626-1	Conduit systems buried underground for the protection and management of insulated electrical cables or communication cables – Part 1: General requirements	29.120.10	2023-07
EN 50626-2	Conduit systems buried underground for the protection and management of insulated electrical cables or communication cables – Part 2: Polyethylene (PE), Polypropylene (PP) or Unplasticized poly(vinyl chloride) (PVC-U) conduit systems – Requirements for solid wall conduits, fittings and the system used in special applications	29.120.10	2023-07
EN 60061-2/A47/AC	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/A47:2014/COR1:2023)	29.140.10	2023-07
EN 60061-2/A59	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/AMD59:2023)	29.140.10	2023-07
EN 60061-3/A59	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/AMD59:2023)	29.140.10	2023-07
EN IEC 60076-22-7/AC	Power transformers – Part 22-7: Power transformer and reactor fittings – Accessories and fittings (IEC 60076-22-7:2020/COR1:2023)	29.180	2023-07
EN IEC 60086-3/AC	Primary batteries – Part 3: Watch batteries (IEC 60086-3:2021/COR1:2023)	29.220.10; 39.040.10	2023-07
EN IEC 60728-101-1	Cable networks for television signals, sound signals and interactive services – Part 101-1: RF cabling for two-way home networks with all-digital channels load (IEC 60728-101-1:2023)	33.040.20; 33.160.01	2023-07
EN IEC 60728-101-2	Cable networks for television signals, sound signals and interactive services – Part 101-2: Performance requirements for signals delivered at the system outlet in operation with all-digital channels load (IEC 60728-101-2:2023)	33.040.20; 33.160.01	2023-07
EN IEC 60728-106	Cable networks for television signals, sound signals and interactive services – Part 106: Optical equipment for systems loaded with digital channels only (IEC 60728-106:2023)	33.060.40	2023-07
EN IEC 60728-113	Cable networks for television signals, sound signals and interactive services – Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only (IEC 60728-113:2023)	33.060.40	2023-07
EN IEC 60794-1-1	Optical fibre cables – Part 1-1: Generic specification – General (IEC 60794-1-1:2023)	33.180.10	2023-07
EN IEC 60947-6-2/AC	Low-voltage switchgear and controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:2020/COR2:2023)	29.120.40; 29.130.20	2023-07
EN IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6:2023)	33.100.20	2023-07
EN IEC 61300-3-4/AC	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-4: Examinations and measurements – Attenuation (IEC 61300-3-4:2023/COR1:2023)	33.180.20	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61300-3-53/AC	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-53: Examinations and measurements – Encircled angular flux (EAF) measurement method based on two-dimensional far field data from multimode waveguide (including fibre) (IEC 61300-3-53:2020/COR1:2023)	33.180.20	2023-07
EN IEC 62228-3/AC	Integrated circuits – EMC evaluation of transceivers – Part 3: CAN transceivers (IEC 62228-3:2019/COR1:2023)	31.200	2023-07
EN IEC 62282-8-301	Fuel cell technologies – Part 8-301: Energy storage systems using fuel cell modules in reverse mode – Power-to-methane energy systems based on solid oxide cells including reversible operation – Performance test methods (IEC 62282-8-301:2023)	27.070	2023-07
EN IEC 62351-3	Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP (IEC 62351-3:2023)	33.200; 35.030; 35.240.50	2023-07
EN IEC 62351-9	Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment (IEC 62351-9:2023)	33.200; 35.030; 35.240.50	2023-07
EN IEC 62471-7/AC	Photobiological safety of lamps and lamp systems – Part 7: Light sources and luminaires primarily emitting visible radiation (IEC 62471-7:2023/COR1:2023)	29.140.01; 31.260	2023-07
EN IEC 62822-3	Electric welding equipment – Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) – Part 3: Resistance welding equipment (IEC 62822-3:2023)	25.160.30	2023-07
EN IEC 63044-4/AC	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS	97.120	2023-07
EN IEC 63474	Electrical and electronic household and office equipment – Measurement of networked standby power consumption of edge equipment (IEC 63474:2023)	35.020; 35.260; 97.030	2023-07
CEN/CENELEC Internal Regulation Part 2	Internal Regulations – Part 2: Common rules for standardization work	1.120	2023-07
EN ISO 1089	Resistance welding equipment – Electrode taper fits for spot welding equipment – Dimensions (ISO 1089:2023)	25.160.30	2023-07
CEN ISO/TS 2610	Analysis of natural gas – Biomethane – Determination of amines content (ISO/TS 2610:2022)	75.060	2023-07
EN ISO 3262-7	Extenders – Specifications and methods of test – Part 7: Dolomite (ISO 3262-7:2023)	87.060.10	2023-07
EN ISO 3262-9	Extenders – Specifications and methods of test – Part 9: Calcined clay (ISO 3262-9:2023)	87.060.10	2023-07
EN ISO 3262-12	Extenders – Specifications and methods of test – Part 12: Muscovite-type mica (ISO 3262-12:2023)	87.060.10	2023-07
EN ISO 3262-14	Extenders – Specifications and methods of test – Part 14: Cristobalite (ISO 3262-14:2023)	87.060.10	2023-07
EN ISO 3262-22	Extenders – Specifications and methods of test – Part 22: Flux-calcined kieselguhr (ISO 3262-22:2023)	87.060.10	2023-07
EN ISO 3657	Animal and vegetable fats and oils – Determination of saponification value (ISO 3657:2023)	67.200.10	2023-07
EN ISO 3691-4	Industrial trucks – Safety requirements and verification – Part 4: Driverless industrial trucks and their systems (ISO 3691-4:2023)	53.060	2023-07
EN ISO 3990	Dentistry – Evaluation of antibacterial activity of dental restorative materials, luting materials, fissure sealants and orthodontic bonding or luting materials (ISO 3990:2023)	11.060.10	2023-07
EN ISO 5117	Automatic steam traps – Production and performance characteristic tests (ISO 5117:2023)	23.060.01	2023-07
EN ISO 5367	Anaesthetic and respiratory equipment – Breathing sets and connectors (ISO 5367:2023)	11.040.10	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 5537	Dried milk and dried milk products – Determination of moisture content (Reference method) (ISO 5537:2023)	67.100.10	2023-07
EN ISO 6186	Plastics – Determination of pourability (ISO 6186:2023)	83.080.01	2023-07
EN ISO 8529-1	Neutron reference radiations fields – Part 1: Characteristics and methods of production (ISO 8529-1:2021)	17.240	2023-07
EN ISO 9342-1	Optics and optical instruments – Test lenses for calibration of focimeters – Part 1: Reference lenses for focimeters used for measuring spectacle lenses (ISO 9342-1:2023)	11.040.70	2023-07
EN ISO 10563	Building and civil engineering sealants – Determination of change in mass and volume (ISO 10563:2023)	91.100.50	2023-07
EN ISO 10993-18/A1	Biological evaluation of medical devices – Part 18: Chemical characterization of medical device materials within a risk management process – Amendment 1: Determination of the uncertainty factor (ISO 10993-18:2020/Amd 1:2022)	11.100.20	2023-07
EN ISO 11929-4	Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation – Fundamentals and application – Part 4: Guidelines to applications (ISO 11929-4:2022)	17.240	2023-07
EN ISO 11936	Leather – Determination of total content of certain bisphenols (ISO 11936:2023)	59.140.30	2023-07
EN ISO 13164-4	Water quality – Radon-222 – Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2023)	13.060.60; 13.280; 17.240	2023-07
CEN ISO/TS 16486-7	Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 7: Assessment of conformity (ISO/TS 16486-7:2023)	03.120.20; 75.200; 83.140.30	2023-07
EN ISO 16796	Nuclear energy – Determination of Gd ₂ O ₃ content in gadolinium fuel blends and gadolinium fuel pellets by atomic emission spectrometry using an inductively coupled plasma source (ICP-AES) (ISO 16796:2022)	27.120.30	2023-07
EN ISO 17117-1	Health informatics – Terminological resources – Part 1: Characteristics (ISO 17117-1:2018)	01.020; 35.240.80	2023-07
EN ISO 17751-1	Textiles – Quantitative analysis of cashmere, wool, other specialty animal fibers and their blends – Part 1: Light microscopy method (ISO 17751-1:2023)	59.060.10	2023-07
EN ISO 18473-4	Functional pigments and extenders for special applications – Part 4: Nanoscale titanium dioxide for photocatalytic application (ISO 18473-4:2022)	87.060.10	2023-07
EN ISO 19123-1	Geographic information – Schema for coverage geometry and functions – Part 1: Fundamentals (ISO 19123-1:2023)	35.240.70	2023-07
EN ISO 19123-3	Geographic information – Schema for coverage geometry and functions – Part 3: Processing fundamentals (ISO 19123-3:2023)	35.240.70	2023-07
EN ISO 19150-6	Geographic information – Ontology – Part 6: Service ontology register (ISO 19150-6:2023)	35.240.70	2023-07
EN ISO 20567-2	Paints and varnishes – Determination of stone-chip resistance of coatings – Part 2: Single-impact test with a guided impact body (ISO 20567-2:2023)	87.040	2023-07
EN ISO 20749	Dentistry – Pre-capsulated dental amalgam (ISO 20749:2023)	11.060.10	2023-07
EN ISO 21909-1	Passive neutron dosimetry systems – Part 1: Performance and test requirements for personal dosimetry (ISO 21909-1:2021)	13.280	2023-07
EN ISO 21909-2	Passive neutron dosimetry systems – Part 2: Methodology and criteria for the qualification of personal dosimetry systems in workplaces (ISO 21909-2:2021)	13.280	2023-07
EN ISO 23547	Measurement of radioactivity – Gamma emitting radionuclides – Reference measurement standard specifications for the calibration of gamma-ray spectrometers (ISO 23547:2022)	17.240	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 24013	Optics and photonics – Lasers and laser-related equipment – Measurement of phase retardation of optical components for polarized laser radiation (ISO 24013:2023)	31.260	2023-07
EN ISO 24072	Aerosol bacterial retention test method for air-inlet on administration devices (ISO 24072:2023)	11.040.20	2023-07
EN ISO 24459	Determination of uranium content in samples coming from the nuclear fuel cycle by L-absorption edge spectrometry (ISO 24459:2021)	27.120.30	2023-07
EN ISO 25745-1	Energy performance of lifts, escalators and moving walks – Part 1: Energy measurement and verification (ISO 25745-1:2023)	91.140.90	2023-07
EN ISO/IEC 27001	Information security, cybersecurity and privacy protection – Information security management systems – Requirements (ISO/IEC 27001:2022)	03.100.70; 35.030	2023-07
EN ISO 27427	Anaesthetic and respiratory equipment – Nebulizing systems and components (ISO 27427:2023)	11.040.10	2023-07
EN ISO/ASTM 52920	Additive manufacturing – Qualification principles – Requirements for industrial additive manufacturing processes and production sites (ISO/ASTM 52920:2023)	25.030	2023-07
CEN ISO/ASTM TR 52952	Additive Manufacturing of metals – Feedstock materials – Correlating of rotating drum measurement with powder spreadability in PBF-LB machines (ISO/ASTM TR 52952:2023)	25.030	2023-07
EN ISO 80601-2-72	Medical electrical equipment – Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients (ISO 80601-2-72:2023)	11.040.10	2023-07

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 50090-6-3	Home and Building Electronic Systems (HBES) – Part 6-3: 3rd Party HBES IoT API	35.240.67; 97.120	2023-07
EN 50341-2-21	Overhead electrical lines exceeding AC 1 kV – National Normative Aspects (NNA) for Slovenia (based on EN 50341-1:2012)	29.240.20	2023-07
EN 50411-3-2	Fibre management systems and protective housings to be used in optical fibre communication systems – Product specifications – Part 3-2: Single-mode mechanical fibre splice	33.180.20	2023-07
EN 50436-1	Alcohol interlocks – Test methods and performance requirements – Part 1: Instruments having a mouthpiece and measuring breath alcohol for drink-driving-offender programs and general preventive use	43.040.10; 71.040.40	2023-07
EN 50626-1	Conduit systems buried underground for the protection and management of insulated electrical cables or communication cables – Part 1: General requirements	29.120.10	2023-07
EN 50626-2	Conduit systems buried underground for the protection and management of insulated electrical cables or communication cables – Part 2: Polyethylene (PE), Polypropylene (PP) or Unplasticized poly(vinyl chloride) (PVC-U) conduit systems – Requirements for solid wall conduits, fittings and the system used in special applications	29.120.10	2023-07
EN 60061-2/A47/AC	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/A47:2014/COR1:2023)	29.140.10	2023-07
EN 60061-2/A59	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/AMD59:2023)	29.140.10	2023-07
EN 60061-3/A59	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 3: Gauges (IEC 60061-3:1969/AMD59:2023)	29.140.10	2023-07
EN IEC 60076-22-7/AC	Power transformers – Part 22-7: Power transformer and reactor fittings – Accessories and fittings (IEC 60076-22-7:2020/COR1:2023)	29.180	2023-07
EN IEC 60086-3/AC	Primary batteries – Part 3: Watch batteries (IEC 60086-3:2021/COR1:2023)	29.220.10; 39.040.10	2023-07
EN IEC 60728-101-1	Cable networks for television signals, sound signals and interactive services – Part 101-1: RF cabling for two-way home networks with all-digital channels load (IEC 60728-101-1:2023)	33.040.20; 33.160.01	2023-07
EN IEC 60728-101-2	Cable networks for television signals, sound signals and interactive services – Part 101-2: Performance requirements for signals delivered at the system outlet in operation with all-digital channels load (IEC 60728-101-2:2023)	33.040.20; 33.160.01	2023-07
EN IEC 60728-106	Cable networks for television signals, sound signals and interactive services – Part 106: Optical equipment for systems loaded with digital channels only (IEC 60728-106:2023)	33.060.40	2023-07
EN IEC 60728-113	Cable networks for television signals, sound signals and interactive services – Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only (IEC 60728-113:2023)	33.060.40	2023-07
EN IEC 60794-1-1	Optical fibre cables – Part 1-1: Generic specification – General (IEC 60794-1-1:2023)	33.180.10	2023-07
EN IEC 60947-6-2/AC	Low-voltage switchgear and controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:2020/COR2:2023)	29.120.40; 29.130.20	2023-07
EN IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6:2023)	33.100.20	2023-07
EN IEC 61300-3-4/AC	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-4: Examinations and measurements – Attenuation (IEC 61300-3-4:2023/COR1:2023)	33.180.20	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 61300-3-53/AC	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-53: Examinations and measurements – Encircled angular flux (EAF) measurement method based on two-dimensional far field data from multimode waveguide (including fibre) (IEC 61300-3-53:2020/COR1:2023)	33.180.20	2023-07
EN IEC 62228-3/AC	Integrated circuits – EMC evaluation of transceivers – Part 3: CAN transceivers (IEC 62228-3:2019/COR1:2023)	31.200	2023-07
EN IEC 62282-8-301	Fuel cell technologies – Part 8-301: Energy storage systems using fuel cell modules in reverse mode – Power-to-methane energy systems based on solid oxide cells including reversible operation – Performance test methods (IEC 62282-8-301:2023)	27.070	2023-07
EN IEC 62351-3	Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP (IEC 62351-3:2023)	33.200; 35.030; 35.240.50	2023-07
EN IEC 62351-9	Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment (IEC 62351-9:2023)	33.200; 35.030; 35.240.50	2023-07
EN IEC 62471-7/AC	Photobiological safety of lamps and lamp systems – Part 7: Light sources and luminaires primarily emitting visible radiation (IEC 62471-7:2023/COR1:2023)	29.140.01; 31.260	2023-07
EN IEC 62822-3	Electric welding equipment – Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) – Part 3: Resistance welding equipment (IEC 62822-3:2023)	25.160.30	2023-07
EN IEC 63044-4/AC	Home and building electronic systems (HBES) and building automation and control systems (BACS) – Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS	97.120	2023-07
EN IEC 63474	Electrical and electronic household and office equipment – Measurement of networked standby power consumption of edge equipment (IEC 63474:2023)	35.020; 35.260; 97.030	2023-07
CEN/CENELEC Internal Regulation Part 2	Internal Regulations – Part 2: Common rules for standardization work	1.120	2023-07
EN ISO/IEC 27001	Information security, cybersecurity and privacy protection – Information security management systems – Requirements (ISO/IEC 27001:2022)	03.100.70; 35.030	2023-07

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 101154 V 2.8.1	Digital Video Broadcasting (DVB) – Specification for the use of Video and Audio Coding in Broadcast and Broadband Applications	33.170	2023-07
ETSI TS 102240 V 18.0.0	Smart Cards – UICC Application Programming Interface and Loader Requirements – Service description (Release 18)	35.240.15	2023-07
ETSI TS 102361-4 V 1.12.1	Electromagnetic compatibility and Radio spectrum Matters (ERM) – Digital Mobile Radio (DMR) Systems – Part 4: DMR trunking protocol	33.100.10	2023-07
ETSI TR 103305-3 V 3.1.1	Cyber Security (CYBER) – Critical Security Controls for Effective Cyber Defence – Part 3: Internet of Things Sector	33.040.99; 35.030	2023-07
ETSI TS 103713 V 18.0.0	Smart Secure Platform (SSP) – SPI interface (Release 18)	35.240.15	2023-07
ETSI TS 103928 V 1.1.1	Cyber Security (CYBER) – Cyber Security for Home Gateways – Conformance Assessment of Security Requirements as vertical from Consumer Internet of Things	33.040.99; 35.030	2023-07
ETSI TR 103972 V 1.1.1	DVB-I service delivery over 5G Systems – Deployment Guidelines	33.170	2023-07
ETSI TS 122101 V 15.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Service aspects – Service principles (3GPP TS 22.101 version 15.8.0 Release 15)	33.070.50	2023-07
ETSI TS 122101 V 16.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Service aspects – Service principles (3GPP TS 22.101 version 16.4.0 Release 16)	33.070.50	2023-07
ETSI TS 122101 V 17.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Service aspects – Service principles (3GPP TS 22.101 version 17.6.0 Release 17)	33.070.50	2023-07
ETSI TS 123003 V 16.12.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 16.12.0 Release 16)	33.070.50	2023-07
ETSI TS 123003 V 17.10.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 17.10.0 Release 17)	33.070.50	2023-07
ETSI TS 123007 V 17.5.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Restoration procedures (3GPP TS 23.007 version 17.5.1 Release 17)	33.070.50	2023-07
ETSI TS 123040 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Technical realization of the Short Message Service (SMS) (3GPP TS 23.040 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 123247 V 17.7.0	5G – Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 123288 V 17.9.0	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 123303 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based services (ProSe) – Stage 2 (3GPP TS 23.303 version 17.1.0 Release 17)	33.070.50	2023-07
ETSI TS 123304 V 17.7.0	5G – Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 123401 V 16.14.0	LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 16.14.0 Release 16)	33.070.50	2023-07
ETSI TS 123401 V 17.8.0	LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 17.8.0 Release 17)	33.070.50	2023-07
ETSI TS 123434 V 16.8.0	5G – Service Enabler Architecture Layer for Verticals (SEAL) – Functional architecture and information flows (3GPP TS 23.434 version 16.8.0 Release 16)	33.070.99	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123434 V 17.8.0	5G – Service Enabler Architecture Layer for Verticals (SEAL) – Functional architecture and information flows (3GPP TS 23.434 version 17.8.0 Release 17)	33.070.99	2023-07
ETSI TS 123501 V 16.17.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.17.0 Release 16)	33.070.50	2023-07
ETSI TS 123501 V 17.9.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 123502 V 16.16.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.16.0 Release 16)	33.070.50	2023-07
ETSI TS 123502 V 17.9.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 123503 V 17.9.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 123540 V 17.2.0	5G – 5G System: Technical realization of Service Based Short Message Service – Stage 2 (3GPP TS 23.540 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 123548 V 17.6.0	5G – 5G System Enhancements for Edge Computing – Stage 2 (3GPP TS 23.548 version 17.6.0 Release 17)	33.070.50	2023-07
ETSI TS 123558 V 17.8.0	5G – Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.8.0 Release 17)	33.070.50	2023-07
ETSI TS 124008 V 17.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 124117 V 14.2.0	LTE – TV service configuration Management Object (MO) (3GPP TS 24.117 version 14.2.0 Release 14)	33.070.50	2023-07
ETSI TS 124117 V 15.1.0	LTE – TV service configuration Management Object (MO) (3GPP TS 24.117 version 15.1.0 Release 15)	33.070.50	2023-07
ETSI TS 124117 V 16.1.0	LTE – TV service configuration Management Object (MO) (3GPP TS 24.117 version 16.1.0 Release 16)	33.070.50	2023-07
ETSI TS 124117 V 17.1.0	LTE – TV service configuration Management Object (MO) (3GPP TS 24.117 version 17.1.0 Release 17)	33.070.50	2023-07
ETSI TS 124193 V 17.9.0	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 17.9.0 Release 17)	33.070.99	2023-07
ETSI TS 124229 V 13.22.0	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 13.22.0 Release 13)	33.070.50	2023-07
ETSI TS 124229 V 14.19.0	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 14.19.0 Release 14)	33.070.50	2023-07
ETSI TS 124229 V 15.16.0	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 15.16.0 Release 15)	33.070.50	2023-07
ETSI TS 124229 V 16.13.1	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 16.13.1 Release 16)	33.070.50	2023-07
ETSI TS 124229 V 17.11.0	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 17.11.0 Release 17)	33.070.50	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124379 V 17.11.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 17.11.0 Release 17)	33.070.99	2023-07
ETSI TS 124386 V 14.6.0	LTE – User Equipment (UE) to V2X control function – protocol aspects – Stage 3 (3GPP TS 24.386 version 14.6.0 Release 14)	33.070.50	2023-07
ETSI TS 124386 V 15.4.0	LTE – User Equipment (UE) to V2X control function – protocol aspects – Stage 3 (3GPP TS 24.386 version 15.4.0 Release 15)	33.070.50	2023-07
ETSI TS 124386 V 16.3.0	LTE – User Equipment (UE) to V2X control function – protocol aspects – Stage 3 (3GPP TS 24.386 version 16.3.0 Release 16)	33.070.50	2023-07
ETSI TS 124386 V 17.3.0	LTE – User Equipment (UE) to V2X control function – protocol aspects – Stage 3 (3GPP TS 24.386 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 124501 V 16.13.0	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 16.13.0 Release 16)	33.070.99	2023-07
ETSI TS 124501 V 17.11.0	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 17.11.0 Release 17)	33.070.99	2023-07
ETSI TS 124502 V 16.10.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 16.10.0 Release 16)	33.070.99	2023-07
ETSI TS 124502 V 17.9.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 17.9.0 Release 17)	33.070.99	2023-07
ETSI TS 124519 V 16.8.0	5G – 5G System (5GS) – Time-Sensitive Networking (TSN) Application Function (AF) to Device-Side TSN Translator (DS-TT) and Network-Side TSN Translator (NW-TT) protocol aspects – Stage 3 (3GPP TS 24.519 version 16.8.0 Release 16)	33.070.99	2023-07
ETSI TS 124538 V 17.4.0	5G – Enabling MSGin5G Service – Protocol specification (3GPP TS 24.538 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 124544 V 16.6.0	5G – Group Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.544 version 16.6.0 Release 16)	33.070.99	2023-07
ETSI TS 124544 V 17.6.0	5G – Group Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.544 version 17.6.0 Release 17)	33.070.99	2023-07
ETSI TS 124545 V 16.7.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 16.7.0 Release 16)	33.070.99	2023-07
ETSI TS 124545 V 17.7.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 17.7.0 Release 17)	33.070.99	2023-07
ETSI TS 124547 V 16.3.0	5G – Identity management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.547 version 16.3.0 Release 16)	33.070.99	2023-07
ETSI TS 124548 V 16.5.0	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 16.5.0 Release 16)	33.070.99	2023-07
ETSI TS 124548 V 17.5.0	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 124554 V 17.5.0	5G – Proximity-services (ProSe) in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.554 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 124558 V 17.4.1	5G – Enabling Edge Applications – Protocol specification (3GPP TS 24.558 version 17.4.1 Release 17)	33.070.50	2023-07
ETSI TS 126114 V 17.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 17.8.0 Release 17)	33.070.50	2023-07
ETSI TS 126117 V 16.1.0	5G – 5G Media Streaming (5GMS) – Speech and audio profiles (3GPP TS 26.117 version 16.1.0 Release 16)	33.070.50	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126117 V 17.1.0	5G – 5G Media Streaming (5GMS) – Speech and audio profiles (3GPP TS 26.117 version 17.1.0 Release 17)	33.070.50	2023-07
ETSI TS 126501 V 16.11.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 16.11.0 Release 16)	33.070.50	2023-07
ETSI TS 126501 V 17.6.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 17.6.0 Release 17)	33.070.50	2023-07
ETSI TS 126502 V 17.5.0	5G – 5G multicast-broadcast services – User service architecture (3GPP TS 26.502 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 126512 V 16.10.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 16.10.0 Release 16)	33.070.50	2023-07
ETSI TS 126512 V 17.5.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 126517 V 17.3.0	LTE – 5G – 5G Multicast-Broadcast User Services – Protocols and Formats (3GPP TS 26.517 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 126531 V 17.2.0	5G – Data Collection and Reporting – General Description and Architecture (3GPP TS 26.531 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 126532 V 17.2.0	5G – Data Collection and Reporting – Protocols and Formats (3GPP TS 26.532 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 127007 V 17.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – AT command set for User Equipment (UE) (3GPP TS 27.007 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 128104 V 17.4.1	5G – Management and orchestration – Management Data Analytics (MDA) (3GPP TS 28.104 version 17.4.1 Release 17)	33.070.50	2023-07
ETSI TS 128105 V 17.4.0	5G – Management and orchestration – Artificial Intelligence/ Machine Learning (AI/ML) management (3GPP TS 28.105 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 128312 V 17.4.1	LTE – 5G – Management and orchestration – Intent driven management services for mobile networks (3GPP TS 28.312 version 17.4.1 Release 17)	33.070.50	2023-07
ETSI TS 128531 V 15.12.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 15.12.0 Release 15)	33.070.50	2023-07
ETSI TS 128531 V 16.15.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 16.15.0 Release 16)	33.070.50	2023-07
ETSI TS 128531 V 17.8.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 17.8.0 Release 17)	33.070.50	2023-07
ETSI TS 128532 V 15.9.0	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 15.9.0 Release 15)	33.070.50	2023-07
ETSI TS 128532 V 16.15.1	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 16.15.1 Release 16)	33.070.50	2023-07
ETSI TS 128535 V 17.7.0	LTE – 5G – Management and orchestration – Management services for communication service assurance – Requirements (3GPP TS 28.535 version 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 128538 V 17.3.0	5G – Management and orchestration – Edge Computing Management (3GPP TS 28.538 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 128541 V 16.16.0	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 16.16.0 Release 16)	33.070.50	2023-07
ETSI TS 128541 V 17.11.1	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 17.11.1 Release 17)	33.070.50	2023-07
ETSI TS 128554 V 15.7.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 15.7.0 Release 15)	33.070.50	2023-07
ETSI TS 128554 V 16.13.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 16.13.0 Release 16)	33.070.50	2023-07
ETSI TS 128554 V 17.10.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 17.10.0 Release 17)	33.070.50	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128622 V 15.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 15.8.0 Release 15)	33.070.50	2023-07
ETSI TS 128622 V 16.16.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 16.16.0 Release 16)	33.070.50	2023-07
ETSI TS 128622 V 17.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 17.6.0 Release 17)	33.070.50	2023-07
ETSI TS 128623 V 17.6.1	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 17.6.1 Release 17)	33.070.50	2023-07
ETSI TS 129002 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 129122 V 15.16.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 15.16.0 Release 15)	33.070.99	2023-07
ETSI TS 129122 V 16.16.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 16.16.0 Release 16)	33.070.99	2023-07
ETSI TS 129122 V 17.10.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 129171 V 16.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 16.6.0 Release 16)	33.070.50	2023-07
ETSI TS 129171 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 129212 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 129214 V 17.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and charging control over Rx reference point (3GPP TS 29.214 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 129244 V 16.12.1	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 16.12.1 Release 16)	33.070.99	2023-07
ETSI TS 129244 V 17.9.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.9.0 Release 17)	33.070.99	2023-07
ETSI TS 129274 V 17.9.0	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 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 129303 V 17.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Domain Name System Procedures – Stage 3 (3GPP TS 29.303 version 17.4.0 Release 17)	33.070.50	2023-07

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ETSI TS 129500 V 16.14.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 16.14.0 Release 16)	33.070.99	2023-07
ETSI TS 129500 V 17.11.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 17.11.0 Release 17)	33.070.99	2023-07
ETSI TS 129502 V 16.15.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 16.15.0 Release 16)	33.070.99	2023-07
ETSI TS 129502 V 17.9.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 17.9.0 Release 17)	33.070.99	2023-07
ETSI TS 129503 V 16.16.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 16.16.0 Release 16)	33.070.99	2023-07
ETSI TS 129503 V 17.11.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 17.11.0 Release 17)	33.070.99	2023-07
ETSI TS 129504 V 17.11.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 17.11.0 Release 17)	33.070.99	2023-07
ETSI TS 129505 V 17.10.0	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 129509 V 17.9.0	5G – 5G System – Authentication Server Services – Stage 3 (3GPP TS 29.509 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 129510 V 17.10.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 129512 V 16.17.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 16.17.0 Release 16)	33.070.99	2023-07
ETSI TS 129512 V 17.11.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 17.11.0 Release 17)	33.070.99	2023-07
ETSI TS 129513 V 16.12.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 16.12.0 Release 16)	33.070.99	2023-07
ETSI TS 129513 V 17.11.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 17.11.0 Release 17)	33.070.99	2023-07
ETSI TS 129514 V 16.17.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 16.17.0 Release 16)	33.070.99	2023-07
ETSI TS 129514 V 17.9.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 17.9.0 Release 17)	33.070.99	2023-07
ETSI TS 129515 V 17.7.0	5G – 5G System – Gateway Mobile Location Services – Stage 3 (3GPP TS 29.515 version 17.7.0 Release 17)	33.070.99	2023-07
ETSI TS 129518 V 17.10.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 129520 V 17.11.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 17.11.0 Release 17)	33.070.99	2023-07
ETSI TS 129521 V 17.9.0	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 17.9.0 Release 17)	33.070.99	2023-07
ETSI TS 129522 V 16.14.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 16.14.0 Release 16)	33.070.99	2023-07
ETSI TS 129522 V 17.10.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 129526 V 17.8.0	5G – 5G System – Network Slice-Specific and SNPN Authentication and Authorization services – Stage 3 (3GPP TS 29.526 version 17.8.0 Release 17)	33.070.99	2023-07
ETSI TS 129532 V 17.4.0	5G – 5G System – 5G Multicast-Broadcast Session Management Services – Stage 3 (3GPP TS 29.532 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 129536 V 17.3.0	5G – 5G System – Network Slice Admission Control Services – Stage 3 (3GPP TS 29.536 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 129552 V 17.5.0	5G – 5G System – Network Data Analytics signalling flows – Stage 3 (3GPP TS 29.552 version 17.5.0 Release 17)	33.070.50	2023-07

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ETSI TS 129553 V 17.2.0	5G – 5G System – 5G ProSe Anchor Services – Stage 3 (3GPP TS 29.553 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 129558 V 17.4.0	5G – Enabling Edge Applications – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.558 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 129559 V 17.3.0	5G – 5G System – 5G ProSe Key Management Services – Stage 3 (3GPP TS 29.559 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 129561 V 17.9.0	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 17.9.0 Release 17)	33.070.99	2023-07
ETSI TS 129565 V 17.4.0	5G – 5G System – Time Sensitive Communication and Time Synchronization Function Services – Stage 3 (3GPP TS 29.565 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 129572 V 17.8.0	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 17.8.0 Release 17)	33.070.99	2023-07
ETSI TS 129581 V 17.4.0	5G – 5G System – Multicast/Broadcast Service Transport Services – Stage 3 (3GPP TS 29.581 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 129582 V 16.5.0	LTE – 5G – Mission Critical Data (MCData) interworking with Land Mobile Radio (LMR) systems – Stage 3 (3GPP TS 29.582 version 16.5.0 Release 16)	33.070.50	2023-07
ETSI TS 129582 V 17.5.0	LTE – 5G – Mission Critical Data (MCData) interworking with Land Mobile Radio (LMR) systems – Stage 3 (3GPP TS 29.582 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 129591 V 17.10.0	5G – 5G System – Network Exposure Function Southbound Services – Stage 3 (3GPP TS 29.591 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 131102 V 17.10.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 17.10.0 Release 17)	33.070.50	2023-07
ETSI TS 131111 V 17.7.0	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 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 131121 V 16.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.12.0 Release 16)	33.070.50	2023-07
ETSI TS 131122 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 131124 V 16.12.2	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 16.12.2 Release 16)	33.070.50	2023-07
ETSI TS 131130 V 17.3.0	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 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 132156 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 132158 V 16.10.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.10.0 Release 16)	33.070.50	2023-07
ETSI TS 132158 V 17.5.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 132160 V 16.7.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 16.7.0 Release 16)	33.070.50	2023-07

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ETSI TS 132160 V 17.8.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 17.8.0 Release 17)	33.070.50	2023-07
ETSI TS 132240 V 17.10.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Charging management – Charging architecture and principles (3GPP TS 32.240 version 17.10.0 Release 17)	33.070.50	2023-07
ETSI TS 132255 V 16.14.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 16.14.0 Release 16)	33.070.50	2023-07
ETSI TS 132255 V 17.10.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 17.10.0 Release 17)	33.070.50	2023-07
ETSI TS 132257 V 17.3.0	5G – Telecommunication management – Charging management – Edge computing domain charging (3GPP TS 32.257 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 132290 V 17.7.0	5G – Telecommunication management – Charging management – 5G system – Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 132291 V 17.7.0	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 132298 V 17.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 133108 V 16.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 16.5.0 Release 16)	33.070.50	2023-07
ETSI TS 133108 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 17.1.0 Release 17)	33.070.50	2023-07
ETSI TS 133126 V 16.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Lawful Interception requirements (3GPP TS 33.126 version 16.5.0 Release 16)	33.070.50	2023-07
ETSI TS 133126 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Lawful Interception requirements (3GPP TS 33.126 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 133127 V 17.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 133128 V 15.11.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 15.11.0 Release 15)	33.070.50	2023-07
ETSI TS 133128 V 16.15.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 16.15.0 Release 16)	33.070.50	2023-07
ETSI TS 133128 V 17.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 133256 V 17.3.0	5G – Security aspects of Uncrewed Aerial Systems (UAS) (3GPP TS 33.256 version 17.3.0 Release 17)	33.070.50	2023-07

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ETSI TS 133303 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based Services (ProSe) – Security aspects (3GPP TS 33.303 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 133401 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 133501 V 15.17.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.17.0 Release 15)	33.070.50	2023-07
ETSI TS 133501 V 16.15.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.15.0 Release 16)	33.070.50	2023-07
ETSI TS 133501 V 17.10.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 17.10.0 Release 17)	33.070.50	2023-07
ETSI TS 133503 V 17.4.0	5G – Security Aspects of Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 33.503 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 133511 V 16.10.0	5G – Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 16.10.0 Release 16)	33.070.50	2023-07
ETSI TS 133511 V 17.4.0	5G – Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 133513 V 16.3.0	5G – 5G Security Assurance Specification (SCAS) – User Plane Function (UPF) (3GPP TS 33.513 version 16.3.0 Release 16)	33.070.50	2023-07
ETSI TS 133513 V 17.2.0	5G – 5G Security Assurance Specification (SCAS) – User Plane Function (UPF) (3GPP TS 33.513 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TR 133926 V 16.8.0	LTE – 5G – Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 16.8.0 Release 16)	33.070.50	2023-07
ETSI TR 133926 V 17.7.0	LTE – 5G – Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 134229-1 V 16.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 16.6.0 Release 16)	33.070.50	2023-07
ETSI TS 134229-2 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 16.7.0 Release 16)	33.070.50	2023-07
ETSI TS 134229-3 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 134229-5 V 16.7.0	5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 5: Protocol conformance specification using 5G System (5GS) (3GPP TS 34.229-5 version 16.7.0 Release 16)	33.070.50	2023-07
ETSI TS 136101 V 13.25.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 13.25.0 Release 13)	33.070.50; 33.070.99	2023-07
ETSI TS 136101 V 14.25.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.25.0 Release 14)	33.070.50; 33.070.99	2023-07

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ETSI TS 136101 V 15.22.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.22.0 Release 15)	33.070.50; 33.070.99	2023-07
ETSI TS 136101 V 16.17.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.17.0 Release 16)	33.070.50; 33.070.99	2023-07
ETSI TS 136101 V 17.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 17.10.0 Release 17)	33.070.50; 33.070.99	2023-07
ETSI TS 136104 V 16.14.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 16.14.0 Release 16)	33.070.50	2023-07
ETSI TS 136104 V 17.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 17.10.0 Release 17)	33.070.50	2023-07
ETSI TS 136133 V 15.20.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 15.20.0 Release 15)	33.070.50; 33.070.99	2023-07
ETSI TS 136133 V 16.17.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 16.17.0 Release 16)	33.070.50; 33.070.99	2023-07
ETSI TS 136133 V 17.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 17.10.0 Release 17)	33.070.50; 33.070.99	2023-07
ETSI TS 136141 V 16.17.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 16.17.0 Release 16)	33.070.50	2023-07
ETSI TS 136141 V 17.10.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 17.10.0 Release 17)	33.070.50	2023-07
ETSI TS 136171 V 16.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 16.6.0 Release 16)	33.070.50	2023-07
ETSI TS 136171 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 136305 V 15.6.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 15.6.0 Release 15)	33.070.50	2023-07
ETSI TS 136305 V 16.5.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 16.5.0 Release 16)	33.070.50	2023-07
ETSI TS 136305 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 136307 V 17.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 136321 V 17.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 136413 V 16.13.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.13.0 Release 16)	33.070.50	2023-07
ETSI TS 136413 V 17.5.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.5.0 Release 17)	33.070.50	2023-07

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ETSI TS 136422 V 16.2.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 signalling transport (3GPP TS 36.422 version 16.2.0 Release 16)	33.070.50	2023-07
ETSI TS 136422 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 signalling transport (3GPP TS 36.422 version 17.1.0 Release 17)	33.070.50	2023-07
ETSI TS 136423 V 16.11.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.11.0 Release 16)	33.070.50	2023-07
ETSI TS 136423 V 17.5.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 136508 V 17.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 17.6.0 Release 17)	33.070.50	2023-07
ETSI TS 136521-1 V 17.7.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 17.7.0 Release 17)	33.070.50	2023-07
ETSI TS 136521-2 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 136523-1 V 17.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 17.6.0 Release 17)	33.070.50	2023-07
ETSI TS 136523-2 V 17.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 17.6.0 Release 17)	33.070.50	2023-07
ETSI TS 136579-1 V 15.10.0	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 15.10.0 Release 15)	33.070.99	2023-07
ETSI TS 136579-1 V 16.1.0	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 16.1.0 Release 16)	33.070.99	2023-07
ETSI TS 136579-2 V 15.8.0	LTE – Mission Critical (MC) services over LTE – Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 15.8.0 Release 15)	33.070.99	2023-07
ETSI TS 136579-2 V 16.1.0	LTE – Mission Critical (MC) services over LTE – Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 16.1.0 Release 16)	33.070.99	2023-07
ETSI TS 136579-4 V 15.6.0	LTE – Mission Critical (MC) services over LTE – Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 15.6.0 Release 15)	33.070.99	2023-07
ETSI TS 136579-4 V 16.1.0	LTE – Mission Critical (MC) services over LTE – Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 16.1.0 Release 16)	33.070.99	2023-07
ETSI TS 136579-5 V 17.2.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 17.2.0 Release 17)	33.070.99	2023-07
ETSI TS 136579-6 V 15.7.0	LTE – Mission Critical (MC) services over LTE – Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 15.7.0 Release 15)	33.070.99	2023-07
ETSI TS 136579-6 V 16.1.0	LTE – Mission Critical (MC) services over LTE – Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 16.1.0 Release 16)	33.070.99	2023-07

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ETSI TS 136579-7 V 16.0.0	LTE – Mission Critical (MC) services over LTE – Part 7: Mission Critical Data (MCData) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-7 version 16.0.0 Release 16)	33.070.99	2023-07
ETSI TR 136903 V 16.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 16.2.0 Release 16)	33.070.50	2023-07
ETSI TR 136903 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 17.1.0 Release 17)	33.070.50	2023-07
ETSI TR 136904 V 14.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 14.1.0 Release 14)	33.070.99	2023-07
ETSI TR 136904 V 15.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 15.1.0 Release 15)	33.070.99	2023-07
ETSI TR 136904 V 16.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 16.1.0 Release 16)	33.070.99	2023-07
ETSI TR 136904 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 17.1.0 Release 17)	33.070.99	2023-07
ETSI TR 136905 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test points for radio transmission and reception conformance test cases (3GPP TR 36.905 version 17.1.0 Release 17)	33.070.99	2023-07
ETSI TS 137104 V 16.17.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 16.17.0 Release 16)	33.070.50	2023-07
ETSI TS 137104 V 17.9.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 17.9.0 Release 17)	33.070.50	2023-07
ETSI TS 137105 V 16.14.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 16.14.0 Release 16)	33.070.99	2023-07
ETSI TS 137105 V 17.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 17.8.0 Release 17)	33.070.99	2023-07
ETSI TS 137113 V 15.13.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 15.13.0 Release 15)	33.070.50	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 137113 V 16.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 16.4.0 Release 16)	33.070.50	2023-07
ETSI TS 137113 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 137141 V 16.18.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 16.18.0 Release 16)	33.070.50	2023-07
ETSI TS 137141 V 17.10.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 17.10.0 Release 17)	33.070.50	2023-07
ETSI TS 137145-1 V 16.13.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 1: conducted conformance testing (3GPP TS 37.145-1 version 16.13.0 Release 16)	33.070.99	2023-07
ETSI TS 137145-1 V 17.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 1: conducted conformance testing (3GPP TS 37.145-1 version 17.8.0 Release 17)	33.070.99	2023-07
ETSI TS 137145-2 V 16.14.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: radiated conformance testing (3GPP TS 37.145-2 version 16.14.0 Release 16)	33.070.99	2023-07
ETSI TS 137145-2 V 17.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: radiated conformance testing (3GPP TS 37.145-2 version 17.8.0 Release 17)	33.070.99	2023-07
ETSI TS 137213 V 17.6.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 17.6.0 Release 17)	33.070.99	2023-07
ETSI TS 137482 V 17.3.0	5G – E1 signalling transport (3GPP TS 37.482 version 17.3.0 Release 17)	33.070.50	2023-07
ETSI TS 137483 V 17.5.0	5G – E1 Application Protocol (E1AP) (3GPP TS 37.483 version 17.5.0 Release 17)	33.070.50	2023-07
ETSI TS 137571-1 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 17.1.0 Release 17)	33.070.50	2023-07
ETSI TS 138101-1 V 15.22.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.22.0 Release 15)	33.070.99	2023-07
ETSI TS 138101-1 V 16.16.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.16.0 Release 16)	33.070.99	2023-07
ETSI TS 138101-1 V 17.10.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 138101-2 V 15.22.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.22.0 Release 15)	33.070.99	2023-07
ETSI TS 138101-2 V 16.16.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.16.0 Release 16)	33.070.99	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138101-2 V 17.10.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 138101-4 V 15.18.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 15.18.0 Release 15)	33.070.99	2023-07
ETSI TS 138101-4 V 16.13.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 16.13.0 Release 16)	33.070.99	2023-07
ETSI TS 138101-4 V 17.9.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 17.9.0 Release 17)	33.070.99	2023-07
ETSI TS 138101-5 V 17.4.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 5: Satellite access Radio Frequency (RF) and performance requirements (3GPP TS 38.101-5 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 138104 V 15.19.0	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 15.19.0 Release 15)	33.070.99	2023-07
ETSI TS 138104 V 16.16.0	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.16.0 Release 16)	33.070.99	2023-07
ETSI TS 138104 V 17.10.0	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 138106 V 17.5.0	5G – NR repeater radio transmission and reception (3GPP TS 38.106 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138108 V 17.4.0	5G – NR – Satellite Access Node radio transmission and reception (3GPP TS 38.108 version 17.4.0 Release 17)	33.070.50	2023-07
ETSI TS 138113 V 17.4.0	5G – NR – Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 17.4.0 Release 17)	33.070.99	2023-07
ETSI TS 138115-1 V 17.2.0	5G – NR – Repeater conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.115-1 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 138115-2 V 17.2.0	5G – NR – Repeater conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.115-2 version 17.2.0 Release 17)	33.070.50	2023-07
ETSI TS 138133 V 15.22.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.22.0 Release 15)	33.070.99	2023-07
ETSI TS 138141-1 V 15.15.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.15.0 Release 15)	33.070.99	2023-07
ETSI TS 138141-1 V 16.16.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.16.0 Release 16)	33.070.99	2023-07
ETSI TS 138141-1 V 17.10.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 138141-2 V 15.18.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.18.0 Release 15)	33.070.99	2023-07
ETSI TS 138141-2 V 16.16.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 16.16.0 Release 16)	33.070.99	2023-07
ETSI TS 138141-2 V 17.10.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 138151 V 17.4.0	5G – NR – User Equipment (UE) Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) performance requirements (3GPP TS 38.151 version 17.4.0 Release 17)	33.070.99	2023-07
ETSI TS 138161 V 17.3.0	5G – NR – User Equipment (UE) TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements – Range 1 Standalone and Range 1 Interworking operation with other radios (3GPP TS 38.161 version 17.3.0 Release 17)	33.070.50	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138171 V 16.5.0	5G – NR – Requirements for support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 38.171 version 16.5.0 Release 16)	33.070.99	2023-07
ETSI TS 138171 V 17.3.0	5G – NR – Requirements for support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 38.171 version 17.3.0 Release 17)	33.070.99	2023-07
ETSI TS 138174 V 16.8.0	5G – NR – Integrated Access and Backhaul (IAB) radio transmission and reception (3GPP TS 38.174 version 16.8.0 Release 16)	33.070.99	2023-07
ETSI TS 138176-1 V 16.6.0	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 16.6.0 Release 16)	33.070.99	2023-07
ETSI TS 138176-1 V 17.5.0	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138176-2 V 16.6.0	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 16.6.0 Release 16)	33.070.99	2023-07
ETSI TS 138176-2 V 17.5.0	5G – NR – Integrated Access and Backhaul (IAB) conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138181 V 17.1.0	5G – NR – Satellite Access Node conformance testing (3GPP TS 38.181 version 17.1.0 Release 17)	33.070.50	2023-07
ETSI TS 138211 V 17.5.0	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138213 V 16.14.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 16.14.0 Release 16)	33.070.99	2023-07
ETSI TS 138213 V 17.6.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 17.6.0 Release 17)	33.070.99	2023-07
ETSI TS 138214 V 16.14.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 16.14.0 Release 16)	33.070.99	2023-07
ETSI TS 138214 V 17.6.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 17.6.0 Release 17)	33.070.99	2023-07
ETSI TS 138307 V 16.14.0	5G – NR – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 16.14.0 Release 16)	33.070.99	2023-07
ETSI TS 138307 V 17.10.0	5G – NR – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 17.10.0 Release 17)	33.070.99	2023-07
ETSI TS 138401 V 17.5.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138413 V 16.13.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.13.0 Release 16)	33.070.99	2023-07
ETSI TS 138413 V 17.5.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138423 V 16.14.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.14.0 Release 16)	33.070.99	2023-07
ETSI TS 138423 V 17.5.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138470 V 16.10.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 16.10.0 Release 16)	33.070.99	2023-07
ETSI TS 138470 V 17.5.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138472 V 16.2.0	5G – NG-RAN – F1 signalling transport (3GPP TS 38.472 version 16.2.0 Release 16)	33.070.99	2023-07
ETSI TS 138472 V 17.2.0	5G – NG-RAN – F1 signalling transport (3GPP TS 38.472 version 17.2.0 Release 17)	33.070.99	2023-07
ETSI TS 138473 V 15.17.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 15.17.0 Release 15)	33.070.99	2023-07
ETSI TS 138473 V 16.14.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.14.0 Release 16)	33.070.99	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138473 V 17.5.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.5.0 Release 17)	33.070.99	2023-07
ETSI TS 138521-4 V 17.2.1	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 17.2.1 Release 17)	33.070.99	2023-07
ETSI TS 138523-1 V 17.2.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Protocol (3GPP TS 38.523-1 version 17.2.0 Release 17)	33.070.99	2023-07
ETSI TS 138533 V 17.6.1	5G – NR – User Equipment (UE) conformance specification – Radio Resource Management (RRM) (3GPP TS 38.533 version 17.6.1 Release 17)	33.070.50	2023-07
ETSI GR ENI 004 V 3.1.1	Experiential Networked Intelligence (ENI) – Terminology	01.040.35; 35.080	2023-07
ETSI GS MEC 014 V 3.1.1	Multi-access Edge Computing (MEC) – UE Identity API	33.070.99	2023-07
ETSI TS 128541 V 16.15.2	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 16.15.2 Release 16)	33.070.50	2023-07
ETSI TS 136521-1 V 17.6.1	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing (3GPP TS 36.521-1 version 17.6.1 Release 17)	33.070.50	2023-07
ETSI TS 138161 V 17.2.0	5G – NR – User Equipment (UE) TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements – Range 1 Standalone and Range 1 Interworking operation with other radios (3GPP TS 38.161 version 17.2.0 Release 17)	33.070.50	2023-07

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC TR 30194	Internet of Things (IoT) and Digital Twin – Best practices for use case projects	35.240.95	2023-07
ISO 204	Metallic materials – Uniaxial creep testing in tension – Method of test	77.040.10	2023-07
ISO 407	Small medical gas cylinders – Pin-index yoke-type valve connections	11.040.10	2023-07
ISO 532-3	Acoustics – Methods for calculating loudness – Part 3: Moore-Glasberg-Schlittenlacher method	17.140.01	2023-07
ISO 1089	Resistance welding equipment – Electrode taper fits for spot welding equipment – Dimensions	25.160.30	2023-07
ISO 1726-3	Road vehicles – Mechanical couplings between tractors and semi-trailers – Part 3: Requirements for semi-trailer contact area to fifth wheel	43.040.70	2023-07
ISO 2889	Sampling airborne radioactive materials from the stacks and ducts of nuclear facilities	13.280	2023-07
ISO/TR 3151-1	Visualization elements of PLM-MES interface – Part 1: Overview	25.040.40	2023-07
ISO 3180	Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods for chemical analysis of calcium-phosphate-based powders for non-biomedical applications	81.060.30	2023-07
ISO 3262-7	Extenders – Specifications and methods of test – Part 7: Dolomite	87.060.10	2023-07
ISO 3262-9	Extenders – Specifications and methods of test – Part 9: Calcined clay	87.060.10	2023-07
ISO 3262-14	Extenders – Specifications and methods of test – Part 14: Cristobalite	87.060.10	2023-07
ISO 3262-18	Extenders – Specifications and methods of test – Part 18: Precipitated sodium aluminium silicate	87.060.10	2023-07
ISO/DTR 3630-6	Dentistry – Endodontic instruments – Part 6: Numeric coding system	11.060.20	2023-07
ISO 3657	Animal and vegetable fats and oils – Determination of saponification value	67.200.10	2023-07
ISO 3725	Ships and marine technology – Aquatic nuisance species – Methods for evaluating the performance of compliance monitoring devices for ballast water discharges	47.020.99	2023-07
ISO 3900	Rubber – Nitrile latex – Determination of bound acrylonitrile content	83.040.10	2023-07
ISO 3990	Dentistry – Evaluation of antibacterial activity of dental restorative materials, luting materials, fissure sealants and orthodontic bonding or luting materials	11.060.10	2023-07
ISO 4266-4	Petroleum and liquid petroleum products – Measurement of level and temperature in storage tanks by automatic methods – Part 4: Measurement of temperature in atmospheric tanks	75.180.30	2023-07
ISO 4410	Test methods for the experimental characterization of in-plane permeability of fibrous reinforcements for liquid composite moulding	83.120	2023-07
ISO/TS 4549	Orthotics – Method for testing the reliability of microprocessor-controlled ankle moment units of ankle-foot orthoses	11.040.40	2023-07
ISO 4556	Wood raw parquet elements – General characteristics	79.080	2023-07
ISO 4561	Wood raw parquets elements – Classification	79.080	2023-07
ISO 4562	Wood parquet strips – Classification	79.080	2023-07
ISO 4768	Measurement method of anti-biofilm activity on plastic and other non-porous surfaces	83.080.01	2023-07
ISO/IEC 4922-1	Information security – Secure multiparty computation – Part 1: General	35.030	2023-07
ISO 4974	Soil quality – Guidance on soil temperature measurement	13.080.05	2023-07
ISO 5091-1	Structural intervention of existing concrete structures using cementitious materials – Part 1: General principles	91.080.40	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 5091-2	Structural intervention of existing concrete structures using cementitious materials – Part 2: Top-surface overlaying	91.080.40	2023-07
ISO 5091-3	Structural intervention of existing concrete structures using cementitious materials – Part 3: Bottom-surface (soffit) underlaying	91.080.40	2023-07
ISO 5091-4	Structural intervention of existing concrete structures using cementitious materials – Part 4: Jacketing	91.080.40	2023-07
ISO 5109	Evaluation method for the resonance frequency of the multi-copter UA (unmanned aircraft) by measurement of rotor and body frequencies	49.020	2023-07
ISO 5120	Soil quality – Determination of perchlorate in soil using liquid chromatography-tandem mass spectrometry (LC-MS/MS)	13.080.10	2023-07
ISO/IEC TS 5147	Information technology – Computer graphics, image processing and environmental data representation – Guidelines for representation and visualization of smart cities	35.140	2023-07
ISO 5154	Decorative metallic coatings for radio wave transmissive application products – Designation and characterization method	25.220.40	2023-07
ISO 5228	Traditional Chinese medicine – Rheum palmatum, Rheum tanguticum and Rheum officinale root and rhizome	11.120.10	2023-07
ISO 5295	Synchronous belts – Calculation of power rating and drive centre distance	21.220.10	2023-07
ISO 5367	Anaesthetic and respiratory equipment – Breathing sets and connectors	11.040.10	2023-07
ISO 5537	Dried milk and dried milk products – Determination of moisture content (reference method)	67.100.10	2023-07
ISO 5668	Corrosion of metals and alloys – Guidelines and requirements for corrosion testing in simulated environment of deep-sea water	77.060	2023-07
ISO 5725-1	Accuracy (trueness and precision) of measurement methods and results – Part 1: General principles and definitions	03.120.30; 17.020	2023-07
ISO 5775-1	Bicycle tyres and rims – Part 1: Tyre designations and dimensions	83.160.10	2023-07
ISO 6128	Laminated products made of bamboo strips for indoor furniture purposes – Requirements and test methods	97.140	2023-07
ISO 6186	Plastics – Determination of pourability	83.080.01	2023-07
ISO 7010 AMD 7	Graphical symbols – Safety colours and safety signs – Registered safety signs; Amendment 7	01.080.10; 01.080.20	2023-07
ISO/TS 7013	Water quality – Guidance and requirements for designing an interlaboratory trial for validation of analytical methods	13.060.45	2023-07
ISO 7059	Caprolactam for industrial use – Determination of absorbance at a wavelength of 290 nm	71.080.30	2023-07
ISO 7177	Traditional Chinese medicine – Coptis chinensis and Coptis japonica rhizome	11.120.10	2023-07
ISO/DTR 7179	Service excellence – Practices for achieving service excellence	03.080.01	2023-07
ISO 7240-7	Fire detection and alarm systems – Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization	13.220.20	2023-07
ISO 7241	Hydraulic fluid power – Dimensions and requirements of quick-action couplings	23.100.40	2023-07
ISO/DTR 7250-4	Basic human body measurements for technological design – Part 4: Expected performance of skilled anthropometrists	13.180	2023-07
ISO 7382	Ethylene for industrial use – Sampling in the liquid and the gaseous phase	71.080.10	2023-07
ISO/TR 7470	Gas cylinders – List of provisions	23.020.35	2023-07
ISO 7933	Ergonomics of the thermal environment – Analytical determination and interpretation of heat stress using calculation of the predicted heat strain	13.180	2023-07
ISO 8066-4	Rubber and plastics hoses and hose assemblies for automotive air conditioning – Specification – Part 4: Low vibration transmission type for Refrigerant 1234yf	43.040.60; 83.140.40	2023-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 8112	Caprolactam for industrial use – Determination of colour of 50 % aqueous caprolactam solution, expressed in Hazen units (platinum-cobalt scale) – Spectrometric method	71.080.30	2023-07
ISO/IEC 8183	Information technology – Artificial intelligence – Data life cycle framework	35.020	2023-07
ISO 8424	Raw optical glass – Resistance to attack by aqueous acidic solutions – Test method and classification	81.040.10	2023-07
ISO 8513	Plastics piping systems – Glass-reinforced thermosetting plastics (GRP) pipes – Test methods for the determination of the initial longitudinal tensile strength	23.040.20	2023-07
ISO 8583	Financial-transaction-card-originated messages – Interchange message specifications	35.240.15	2023-07
ISO 8714	Electric road vehicles – Reference energy consumption and range – Test procedures for passenger cars and light commercial vehicles	43.120	2023-07
ISO/IEC/IEEE 8802-1AB AMD 1	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 1AB: Station and media access control connectivity discovery – Amendment 1: YANG data model	35.110	2023-07
ISO/IEC/IEEE 8802-1AB AMD 2	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 1AB: Station and media access control connectivity discovery – Amendment 2: Support for multiframe protocol data units	35.110	2023-07
ISO 9022-2 AMD 1	Optics and photonics – Environmental test methods – Part 2: Cold, heat and humidity; Amendment 1	37.020	2023-07
ISO 9232 AMD 1*IDF 146	Yogurt – Identification of characteristic microorganisms (Lactobacillus delbrueckii subsp. bulgaricus and Streptococcus thermophilus) – Amendment 1: Inclusion of performance testing of culture media and reagents	07.100.30	2023-07
ISO/TS 9241-620	Ergonomics of human-system interaction – Part 620: The role of sound for users of interactive systems	13.140; 13.180	2023-07
ISO 9342-1	Optics and optical instruments – Test lenses for calibration of focimeters – Part 1: Reference lenses for focimeters used for measuring spectacle lenses	11.040.70	2023-07
ISO 10110-16	Optics and photonics – Preparation of drawings for optical elements and systems – Part 16: Diffractive surfaces	01.100.20; 37.020	2023-07
ISO 10468	Glass-reinforced thermosetting plastics (GRP) pipes – Determination of the ring creep properties under wet or dry conditions	23.040.20	2023-07
ISO/IEC 10646 AMD 1	Information technology – Universal coded character set (UCS) – Amendment 1: CJK Unified Ideographs Extension H, Vithkuqi, Old Uyghur, Cypro-Minoan, and other characters	35.040.10	2023-07
ISO 11114-1 AMD 1	Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 1: Metallic materials; Amendment 1	23.020.35	2023-07
ISO 11119-3 AMD 1	Gas cylinders – Design, construction and testing of refillable composite gas cylinders and tubes – Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners or without liners; Amendment 1	23.020.35	2023-07
ISO 11235	Rubber compounding ingredients – Sulfenamide accelerators – Test methods	83.040.20	2023-07
ISO/TS 11371	Pulps – Guidelines for using laboratory refiners to simulate industrial low consistency refining	85.040	2023-07
ISO 11424	Rubber hoses and tubing for air and vacuum systems for internal-combustion engines – Specification	27.020; 83.140.30; 83.140.40	2023-07
ISO 11623	Gas cylinders – Composite cylinders and tubes – Periodic inspection and testing	23.020.35	2023-07

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ISO/TS 11796	Biological evaluation of medical devices – Requirements for interlaboratory studies to demonstrate the applicability of validated in vitro methods to assess the skin sensitization of medical devices	11.100.20	2023-07
ISO 11936	Leather – Determination of total content of certain bisphenols	59.140.30	2023-07
ISO 13145	Rubber – Determination of viscosity and stress relaxation using a rotorless sealed shear rheometer	83.060	2023-07
ISO 13164-4	Water quality – Radon-222 – Part 4: Test method using two-phase liquid scintillation counting	13.060.60; 13.280; 17.240	2023-07
ISO 13167	Water quality – Plutonium, americium, curium and neptunium – Test method using alpha spectrometry	13.060.60; 13.280; 17.240	2023-07
ISO 13400-2 AMD 1	Road vehicles – Diagnostic communication over Internet Protocol (DoIP) – Part 2: Transport protocol and network layer services; Amendment 1	43.040.10; 43.180	2023-07
ISO 14172	Welding consumables – Covered electrodes for manual metal arc welding of nickel and nickel alloys – Classification	25.160.20	2023-07
ISO 14635-1	Gears – FZG test procedures – Part 1: FZG test method A/8,3/90 for relative scuffing load-carrying capacity of oils	21.200	2023-07
ISO 14635-2	Gears – FZG test procedures – Part 2: FZG step load test A10/16, 6R/120 for relative scuffing load-carrying capacity of high EP oils	21.200	2023-07
ISO 14635-3	Gears – FZG test procedures – Part 3: FZG test method A/2,8/50 for relative scuffing load-carrying capacity and wear characteristics of semifluid gear greases	21.200	2023-07
ISO/IEC 15938-18	Information technology – Multimedia content description interface – Part 18: Conformance and reference software for compression of neural networks	35.040.40	2023-07
ISO/TR 16340	Application of blockchain-based traceability platform for cold chain food	35.240.99; 67.020	2023-07
ISO/TS 16486-7	Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 7: Assessment of conformity	03.120.20; 75.200; 83.140.30	2023-07
ISO 16750-1	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 1: General	43.040.10	2023-07
ISO 16750-2	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 2: Electrical loads	43.040.10	2023-07
ISO 16750-3	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 3: Mechanical loads	43.040.10	2023-07
ISO 16750-4	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 4: Climatic loads	43.040.10	2023-07
ISO 16750-5	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 5: Chemical loads	43.040.10	2023-07
ISO 17751-1	Textiles – Quantitative analysis of cashmere, wool, other specialty animal fibres and their blends – Part 1: Light microscopy method	59.060.10	2023-07
ISO 18589-3	Measurement of radioactivity in the environment – Soil – Part 3: Test method of gamma-emitting radionuclides using gamma-ray spectrometry	13.080.01; 17.240	2023-07
ISO 19682	Furniture – Tables – Test methods for the determination of stability, strength and durability	97.140	2023-07
ISO/IEC 19763-1	Information technology – Metamodel framework for interoperability (MFI) – Part 1: Framework	35.040.50	2023-07
ISO/IEC 19763-10	Information technology – Metamodel framework for interoperability (MFI) – Part 10: Core model and basic mapping	35.040.50	2023-07
ISO 19810	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for self-cleaning performance of semiconducting photocatalytic materials under indoor lighting environment – Measurement of water contact angle	81.060.30	2023-07

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ISO 20043-2	Measurement of radioactivity in the environment – Guidelines for effective dose assessment using environmental monitoring data – Part 2: Emergency exposure situation	13.280; 17.240	2023-07
ISO 20431	Heat treatment – Control of quality	25.200	2023-07
ISO/TS 20458	Road vehicles – Design and performance specifications for advanced Pedestrian Legform Impactor (aPLI)	43.020	2023-07
ISO/TS 20917	Fertilizers, soil conditioners and beneficial substances – Determination of ammonium citrate, disodium-EDTA soluble phosphorus and potassium by ICP-OES in inorganic fertilizers	65.080	2023-07
ISO 21535	Non-active surgical implants – Joint replacement implants – Specific requirements for hip-joint replacement implants	11.040.40	2023-07
ISO 21536	Non-active surgical implants – Joint replacement implants – Specific requirements for knee-joint replacement implants	11.040.40	2023-07
ISO 21622-2	Irrigation techniques – Remote monitoring and control for irrigation – Part 2: Tests	65.060.35	2023-07
ISO/TS 21957	Road vehicles – Visibility – Specifications and test procedures for head-up displays (HUD)	43.040.15	2023-07
ISO 22163	Railway applications – Railway quality management system – ISO 9001:2015 and specific requirements for application in the railway sector	03.100.70; 45.020	2023-07
ISO 22477-2	Geotechnical investigation and testing – Testing of geotechnical structures – Part 2: Testing of piles: Static tension load testing	93.020	2023-07
ISO/TR 22707	Sludge recovery, recycling, treatment and disposal – Information on the processes and technologies for inorganic substance and nutrient recovery	13.030.20	2023-07
ISO 22721	Conveyor belts – Specification for rubber- or plastics-covered conveyor belts of textile construction for underground mining	53.040.20; 73.100.40	2023-07
ISO 22787	Marine environmental impact assessment (MEIA) – Technical specifications for marine biotic surveys in the international seabed area – General principles	13.020.30	2023-07
ISO 22974	Petroleum and natural gas industry – Pipeline transportation systems – Pipeline integrity assessment specification	75.200	2023-07
ISO/IEC/IEEE 23026	Systems and software engineering – Engineering and management of websites for systems, software and services information	35.080; 35.240.95	2023-07
ISO/IEC 23200-2	Information technology – Radio frequency identification for item management – Part 2: Interference rejection performance test method between an Interrogator as defined in ISO/IEC 18000-63 and a heterogeneous wireless system	35.040.50	2023-07
ISO/TS 23357	Genomics informatics – Clinical genomics data sharing specification for next-generation sequencing	35.240.80	2023-07
ISO 23374-1	Intelligent transport systems – Automated valet parking systems (AVPS) – Part 1: System framework, requirements for automated driving and for communications interface	03.220.20; 35.240.60	2023-07
ISO 23484	Determination of particle concentration by small-angle X-ray scattering (SAXS)	19.120	2023-07
ISO/TS 23690	Nanotechnologies – Multiwall carbon nanotubes – Determination of carbon impurity content by thermogravimetric analysis	7.120	2023-07
ISO/IEC 23859	Information technology – User interfaces – Requirements and recommendations on making written text easy to read and understand	35.240.20	2023-07
ISO/TS 23877-1	Petroleum and related products from natural or synthetic sources – Determination of pour point – Part 1: Automated step-wise cooling method	75.080	2023-07
ISO/TS 24217-1	Fine bubble technology – Guideline for indicating benefits – Part 1: Requirements for systematic classification of effective functions of fine bubbles	7.030	2023-07
ISO/IEC 24392	Cybersecurity – Security reference model for industrial internet platform (SRM-IIP)	35.030	2023-07

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ISO 24421	Biotechnology – Minimum requirements for optical signal measurements in photometric methods for biological samples	7.080	2023-07
ISO 24448	Fine ceramics (advanced ceramics, advanced technical ceramics) – LED light source for testing semiconducting photocatalytic materials used under indoor lighting environment	81.060.30	2023-07
ISO 24585-1	Graphic technology – Multispectral imaging measurement and colorimetric computation for graphic arts and industrial application – Part 1: Parameters and measurement methods	37.100.01	2023-07
ISO/TR 24679-5	Fire safety engineering – Performance of structures in fire – Part 5: Example of a timber building in Canada	13.220.01	2023-07
ISO/IEC 24714	Biometrics – Cross-jurisdictional and societal aspects of biometrics – General guidance	35.020	2023-07
ISO/IEC/IEEE 24748-6	Systems and software engineering – Life cycle management – Part 6: System and software integration	35.080	2023-07
ISO/IEC 24773-4	Software and systems engineering – Certification of software and systems engineering professionals – Part 4: Software engineering	35.080	2023-07
ISO 25745-1	Energy performance of lifts, escalators and moving walks – Part 1: Energy measurement and verification	91.140.90	2023-07
ISO/IEC 27071	Cybersecurity – Security recommendations for establishing trusted connections between devices and services	35.030	2023-07
ISO 27427	Anaesthetic and respiratory equipment – Nebulizing systems and components	11.040.10	2023-07
ISO/TS 28560-4	Information and documentation – RFID in libraries – Part 4: Encoding of data elements based on rules from ISO/IEC 15962 in an RFID tag with partitioned memory	35.040.50; 35.240.30	2023-07
ISO 30435	Human resource management – Workforce data quality	03.100.30	2023-07
ISO/TS 32005	Document management – Portable Document Format – PDF 1.7 and 2.0 structure namespace inclusion in ISO 32000-2	35.240.30; 37.100.99	2023-07
ISO/TS 37008	Internal investigations of organizations – Guidance	03.100.02	2023-07
ISO 39003	Road traffic safety (RTS) – Guidance on ethical considerations relating to safety for autonomous vehicles	03.220.20	2023-07
ISO 80004-1	Nanotechnologies – Vocabulary – Part 1: Core vocabulary	01.040.07; 07.120	2023-07
ISO/IEC DTR 6114	Cybersecurity – Security considerations throughout the product life cycle	35.030	2023-07

Međunarodna normizacija (IEC)

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IEC/TR 62271-322	High-voltage switchgear and controlgear – Part 322: Digital technologies – Application and guidance	29.130.10	2023-07
IEC/TR 63368	Control and protection systems for high-voltage direct current (HVDC) power transmission systems – Off-site real-time simulation testing	29.240.30	2023-07
IEC/TR 61200-201	Application guides complying with IEC 60364 – Asynchronous motor starting and protection	29.160.30	2023-07
IEC/TR 63283-2	Industrial-process measurement, control and automation – Smart manufacturing – Part 2: Use cases	25.040.40; 35.240.50	2023-07
IEC/TR 61282-14	Fibre optic communication system design guidelines – Part 14: Determination of the uncertainties of attenuation measurements in fibre plants	33.180.01	2023-07
IEC/TR 63511	Remote control and remote assist system in home and local area	33.200; 35.110	2023-07
IEC/TR 63239	Radio frequency beam wireless power transfer (WPT) for mobile devices	33.160.99	2023-07
IEC/TR 62715-5-61	Flexible display devices – Part 5-61: Stretchable displays – Overview of measurement and application scenarios	31.120	2023-07
IEC 60068-2-14	Environmental testing – Part 2-14: Tests – Test N: Change of temperature	19.040	2023-07
IEC 60204-32	Safety of machinery – Electrical equipment of machines – Part 32: Requirements for hoisting machines	29.020; 53.020.01	2023-07
IEC 60317-89	Specifications for particular types of winding wires – Part 89: Polyesterimide enamelled round aluminum wire, class 200	29.060.10	2023-07
IEC 60317-93	Specifications for particular types of winding wires – Part 93: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular copper wire, class 220	29.060.10	2023-07
IEC 60364-4-43	Low-voltage electrical installations – Part 4-43: Protection for safety – Protection against overcurrent	29.120.50; 91.140.50	2023-07
IEC 60383-1	Insulators for overhead lines with a nominal voltage above 1000 V – Part 1: Ceramic or glass insulator units for a.c. systems – Definitions, test methods and acceptance criteria	29.080.10; 29.240.20	2023-07
IEC 60455-2	Resin based reactive compounds used for electrical insulation – Part 2: Methods of test	17.220.99; 29.035.01; 29.035.20	2023-07
IEC 60601-2-57	Medical electrical equipment – Part 2-57: Particular requirements for the basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring, cosmetic and aesthetic use	11.040.50; 11.040.55; 11.040.60	2023-07
IEC 60721-3-4 Corrigendum 1	Classification of environmental conditions – Part 3-4: Classification of groups of environmental parameters and their severities – Stationary use at non-weatherprotected locations; Corrigendum 1	19.040	2023-07
IEC/TS 60721-4-3	Classification of environmental conditions – Part 4-3: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068 – Stationary use at weatherprotected locations	19.040	2023-07
IEC 60793-1-44	Optical fibres – Part 1-44: Measurement methods and test procedures – Cut-off wavelength	33.180.10	2023-07
IEC 61010-2-034	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength	17.220.20; 19.080; 71.040.10	2023-07
IEC 61076-3-106	Connectors for electrical and electronic equipment – Product requirements – Part 3-106: Rectangular connectors – Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface	31.220.10	2023-07
IEC 61076-8-106	Connectors for electrical and electronic equipment – Product requirements – Part 8-106: Power connectors – Detail specification for 2-poles push-pull coupling rectangular connectors with fuses, for 400 V DC rated voltage and 16 A rated current	31.220.10	2023-07

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IEC 61189-2-801	Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 2-801: Thermal conductivity test for base materials	31.180	2023-07
IEC 61189-2-803	Test methods for electrical materials, printed boards and other interconnection structures and assemblies – Part 2-803: Test methods for Z-axis expansion of base materials and printed boards	31.180	2023-07
IEC 61196-1-119	Coaxial communication cables – Part 1-119: Electrical test methods – RF power for coaxial cables and cable assemblies	33.120.10	2023-07
IEC 61300-2-26	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-26: Tests – Salt mist	33.180.20	2023-07
IEC 61300-2-38	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-38: Tests – Sealing for fibre optic sealed closures and hardened connectors using air pressure	33.180.20	2023-07
IEC 61340-2-3 Corrigendum 1	Electrostatics – Part 2-3: Methods of test for determining the resistance and resistivity of solid materials used to avoid electrostatic charge accumulation; Corrigendum 1	17.220.20	2023-07
IEC 61540	Portable residual current devices (PRCDs) without integral overcurrent protection for household and similar use	29.120.01; 29.120.50	2023-07
IEC/TS 61851-3-1	Electric vehicle conductive charging system – Part 3-1: DC EV supply equipment where protection relies on double or reinforced insulation – General rules and requirements for stationary equipment	43.120	2023-07
IEC/TS 61851-3-2	Electric vehicle conductive charging system – Part 3-2: DC EV supply equipment where protection relies on double or reinforced insulation – Particular requirements for portable and mobile equipment	43.120	2023-07
IEC/TS 61851-3-4	Electric vehicles conductive charging system – Part 3-4: DC EV supply equipment where protection relies on double or reinforced insulation – General definitions and requirements for CANopen communication	43.120	2023-07
IEC/TS 61851-3-5	Electric vehicles conductive charging system – Part 3-5: DC EV supply equipment where protection relies on double or reinforced insulation – Pre-defined communication parameters and general application objects	43.120	2023-07
IEC/TS 61851-3-6	Electric vehicles conductive charging system – Part 3-6: DC EV supply equipment where protection relies on double or reinforced insulation – Voltage converter unit communication	43.120	2023-07
IEC/TS 61851-3-7	Electric vehicles conductive charging system – Part 3-7: DC EV supply equipment where protection relies on double or reinforced insulation – Battery system communication	43.120	2023-07
IEC 62044-3	Cores made of soft magnetic materials – Measuring methods – Part 3: Magnetic properties at high excitation level	17.220.20; 29.030; 29.100.10	2023-07
IEC 62149-3	Fibre optic active components and devices – Performance standards – Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems	33.180.20; 33.180.30	2023-07
IEC 62561-3	Lightning protection system components (LPSC) – Part 3: Requirements for isolating spark gaps (ISGs)	91.120.40	2023-07
IEC/TS 62607-7-2	Nanomanufacturing – Key control characteristics – Part 7-2: Nano-enabled photovoltaics – Device evaluation method for indoor light	07.030; 07.120; 27.160	2023-07
IEC/TS 62786-41	Distributed energy resources connection with the grid – Part 41: Requirements for frequency measurement used to control distributed energy resources (DER) and loads	29.240.01; 91.140.50	2023-07
IEC 62885-4 AMD 1	Surface cleaning appliances – Part 4: Cordless dry vacuum cleaners for household or similar use – Methods for measuring the performance; Amendment 1	97.080	2023-07
IEC 62885-4 Edition 1.1	Surface cleaning appliances – Part 4: Cordless dry vacuum cleaners for household or similar use – Methods for measuring the performance	97.080	2023-07

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IEC/TR 62899-302-5	Printed electronics – Part 302-5: Equipment – Inkjet – Significant characteristics of inkjet printing	19.080; 31.180; 37.100.10	2023-07
IEC 63086-1 AMD 1	Household and similar electrical air cleaning appliances – Methods for measuring the performance – Part 1: General requirements; Amendment 1	23.120; 91.140.30	2023-07
IEC 63086-1 Edition 1.1	Household and similar electrical air cleaning appliances – Methods for measuring the performance – Part 1: General requirements	23.120; 91.140.30	2023-07
IEC/TS 63116 AMD 1	Lighting systems – General requirements; Amendment 1	29.140.01; 29.140.50; 91.160.01	2023-07
IEC/TS 63116 Edition 1.1	Lighting systems – General requirements	29.140.01; 29.140.50; 91.160.01	2023-07
IEC 63241-1	Electric motor-operated tools – Dust measurement procedure – Part 1: General requirements	25.140.20; 25.140.30	2023-07
IEC 63241-2-6	Electric motor-operated tools – Dust measurement procedure – Part 2-6: Particular requirements for hand-held hammers	25.140.20; 25.140.30	2023-07
IEC 63281-1	E-Transporters – Part 1: Terminology and classification	01.040.43; 43.120	2023-07
IEC/TS 63397 Corrigendum 1	Photovoltaic (PV) modules – Qualifying guidelines for increased hail resistance; Corrigendum 1	27.160	2023-07
ISO/IEC TR 30194	Internet of Things (IoT) and Digital Twin – Best practices for use case projects	35.240.95	2023-07
ISO/IEC 4922-1	Information security – Secure multiparty computation – Part 1: General	35.030	2023-07
ISO/IEC TS 5147	Information technology – Computer graphics, image processing and environmental data representation – Guidelines for representation and visualization of smart cities	35.140	2023-07
ISO/IEC 8183	Information technology – Artificial intelligence – Data life cycle framework	35.020	2023-07
ISO/IEC/IEEE 8802-1AB AMD 1	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 1AB: Station and media access control connectivity discovery – Amendment 1: YANG data model	35.110	2023-07
ISO/IEC/IEEE 8802-1AB AMD 2	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 1AB: Station and media access control connectivity discovery – Amendment 2: Support for multiframe protocol data units	35.110	2023-07
ISO/IEC 10646 AMD 1	Information technology – Universal coded character set (UCS) – Amendment 1: CJK Unified Ideographs Extension H, Vithkuqi, Old Uyghur, Cypro-Minoan, and other characters	35.040.10	2023-07
ISO/IEC 15938-18	Information technology – Multimedia content description interface – Part 18: Conformance and reference software for compression of neural networks	35.040.40	2023-07
ISO/IEC 19763-1	Information technology – Metamodel framework for interoperability (MFI) – Part 1: Framework	35.040.50	2023-07
ISO/IEC 19763-10	Information technology – Metamodel framework for interoperability (MFI) – Part 10: Core model and basic mapping	35.040.50	2023-07
ISO/IEC/IEEE 23026	Systems and software engineering – Engineering and management of websites for systems, software and services information	35.080; 35.240.95	2023-07
ISO/IEC 23200-2	Information technology – Radio frequency identification for item management – Part 2: Interference rejection performance test method between an Interrogator as defined in ISO/IEC 18000-63 and a heterogeneous wireless system	35.040.50	2023-07
ISO/IEC 23859	Information technology – User interfaces – Requirements and recommendations on making written text easy to read and understand	35.240.20	2023-07

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ISO/IEC 24392	Cybersecurity – Security reference model for industrial internet platform (SRM-IIP)	35.030	2023-07
ISO/IEC 24714	Biometrics – Cross-jurisdictional and societal aspects of biometrics – General guidance	35.020	2023-07
ISO/IEC/IEEE 24748-6	Systems and software engineering – Life cycle management – Part 6: System and software integration	35.080	2023-07
ISO/IEC 24773-4	Software and systems engineering – Certification of software and systems engineering professionals – Part 4: Software engineering	35.080	2023-07
ISO/IEC 27071	Cybersecurity – Security recommendations for establishing trusted connections between devices and services	35.030	2023-07
ISO 80004-1	Nanotechnologies – Vocabulary – Part 1: Core vocabulary	01.040.07; 07.120	2023-07
ISO/IEC DTR 6114	Cybersecurity – Security considerations throughout the product life cycle	35.030	2023-07