

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 nacрте hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije i obavijesti HZN-a.

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

HZN/TO 5, Metalne cijevi i priključci

HRN EN 1515-4:2021/Ispr.1:2022 en pr
Prirubnice i njihovi spojevi – Vijci i matice – 4. dio: Odabir vijaka i matica za opremu obuhvaćenu Direktivom za opremu pod tlakom 2014/68/EU (EN 1515-4:2021/AC:2022)
Flanges and their joints – Bolting – Part 4: Selection of bolting for equipment subject to the Pressure Equipment Directive 2014/68/EU (EN 1515-4:2021/AC:2022)

HZN/TO 6, Papir, karton i pulpe

HRN EN ISO 5270:2022 en pr
Pulpe – Laboratorijski listovi – Određivanje fizikalnih svojstava (ISO 5270:2022; EN ISO 5270:2022)
Pulps – Laboratory sheets – Determination of physical properties (ISO 5270:2022; EN ISO 5270:2022)

HZN/TO 22, Cestovna vozila

HRN ISO 18808:2022 en pr
Poljoprivredne gume za građevinske strojeve (ISO 18808:2021)
Agricultural tyres for construction machines (ISO 18808:2021)

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

HRN EN 14511-1:2022 en pr
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline za grijanje i hlađenje prostora te procesni rashladnici s kompresorima na električni pogon – 1. dio: Nazivi i definicije (EN 14511-1:2022)
Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors – Part 1: Terms and definitions (EN 14511-1:2022)

HRN EN 14511-2:2022 en pr
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline za grijanje i hlađenje prostora te procesni rashladnici s kompresorima na električni pogon – 2. dio: Uvjeti ispitivanja (EN 14511-2:2022)
Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors – Part 2: Test conditions (EN 14511-2:2022)

HRN EN 14511-3:2022 en pr
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline za grijanje i hlađenje prostora te procesni rashladnici s kompresorima na električni pogon – 3. dio: Metode ispitivanja (EN 14511-3:2022)
Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors – Part 3: Test methods (EN 14511-3:2022)

HRN EN 14511-4:2022 en pr
Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline za grijanje i hlađenje prostora te procesni rashladnici s kompresorima na električni pogon – 4. dio: Zahtjevi (EN 14511-4:2022)
Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors – Part 4: Requirements (EN 14511-4:2022)

HZN/TO 92, Zaštita od požara

HRN EN 13823:2022 en pr
Ispitivanja reakcije na požar građevinskih proizvoda – Građevni proizvodi osim podnih obloga izloženi termičkom opterećenju pojedinačno gorućeg elementa (EN 13823:2020+A1:2022)
Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item (EN 13823:2020+A1:2022)

HZN/TO 120, Koža i obuća

HRN EN ISO 17072-2:2022 en pr
Koža – Kemijsko određivanje sadržaja metala – 2. dio: Ukupan sadržaj metala (ISO 17072-2:2022; EN ISO 17072-2:2022)
Leather – Chemical determination of metal content – Part 2: Total metal content (ISO 17072-2:2022; EN ISO 17072-2:2022)

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 23368:2022 en pr
Anestetička i respiracijska oprema – Nosne kanile za niskoprotlačnu terapiju kisikom (ISO 23368:2022; EN ISO 23368:2022)
Anaesthetic and respiratory equipment – Low flow nasal cannulae for oxygen therapy (ISO 23368:2022; EN ISO 23368:2022)

HZN/TO 126, Duhan i duhanski proizvodi

HRN ISO 16055:2022 en pr
Duhan i duhanski proizvodi – Etalonska cigareta za uređaj za pušenje – Zahtjevi i upotreba (ISO 16055:2021)
Tobacco and tobacco products – Monitor test piece for smoking machine – Requirements and use (ISO 16055:2021)

HRN ISO 16632:2022 en pr
Duhan i duhanski proizvodi – Određivanje sadržaja vode – Metoda plinske kromatografije (ISO 16632:2021)
Tobacco and tobacco products – Determination of water content – Gas-chromatographic method (ISO 16632:2021)

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 15749:2022 en pr
Gnojiva – Određivanje sadržaja sulfata primjenom tri različite metode (EN 15749:2022)
Fertilizers – Determination of sulfates content using three different methods (EN 15749:2022)

HZN/TO 163, Toplinska izolacija

HRN EN ISO 12623:2022 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje vodopropnosti kod kratkotrajnog djelomičnog uranjanja predgotovljene izolacije za cijevi (ISO 12623:2022; EN ISO 12623:2022)
Thermal insulating products for building equipment and industrial installations – Determination of short-term water absorption by partial immersion of preformed pipe insulation (ISO 12623:2022; EN ISO 12623:2022)

HRN EN ISO 12624:2022 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje količine u vodi topljivih kloridnih, fluoridnih, silikatnih, natrijevih iona i pH vrijednosti (ISO 12624:2022; EN ISO 12624:2022)
Thermal insulating products for building equipment and industrial installations – Determination of trace quantities of water soluble chloride, fluoride, silicate, sodium ions and pH (ISO 12624:2022; EN ISO 12624:2022)

HRN EN ISO 12628:2022 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje dimenzija, pravokutnosti i linearnosti predgotovljene izolacije cjevovoda (ISO 12628:2022; EN ISO 12628:2022)
Thermal insulating products for building equipment and industrial installations – Determination of dimensions, squareness and linearity of preformed pipe insulation (ISO 12628:2022; EN ISO 12628:2022)

HRN EN ISO 12629:2022 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje svojstava propusnosti vodene pare predgotovljene izolacije cjevovoda (ISO 12629:2022; EN ISO 12629:2022)
Thermal insulating products for building equipment and industrial installations – Determination of water vapour transmission properties of preformed pipe insulation (ISO 12629:2022; EN ISO 12629:2022)

HRN EN ISO 18096:2022 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje najviše dozvoljene temperature uporabe za predgotovljene izolacije cjevovoda (ISO 18096:2022; EN ISO 18096:2022)
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature for preformed pipe insulation (ISO 18096:2022; EN ISO 18096:2022)

HRN EN ISO 18097:2022 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje najviše dozvoljene temperature uporabe (ISO 18097:2022; EN ISO 18097:2022)
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature (ISO 18097:2022; EN ISO 18097:2022)

HRN EN ISO 18098:2022 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje prividne gustoće predgotovljene izolacije cjevovoda (ISO 18098:2022; EN ISO 18098:2022)
Thermal insulating products for building equipment and industrial installations – Determination of the apparent density of preformed pipe insulation (ISO 18098:2022; EN ISO 18098:2022)

HRN EN ISO 18099:2022 en pr
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje koeficijenta toplinskog izduženja (ISO 18099:2022; EN ISO 18099:2022)
Thermal insulating products for building equipment and industrial installations – Determination of the coefficient of thermal expansion (ISO 18099:2022; EN ISO 18099:2022)

HRN EN ISO 29465:2022 en pr
Toplinsko-izolacijski proizvodi za primjenu u građevinarstvu – Određivanje duljine i širine (ISO 29465:2022; EN ISO 29465:2022)
Thermal insulating products for building applications – Determination of length and width (ISO 29465:2022; EN ISO 29465:2022)

HRN EN ISO 29468:2022 en pr
Toplinsko-izolacijski proizvodi za primjenu u građevinarstvu – Određivanje ravnosti (ISO 29468:2022; EN ISO 29468:2022)
Thermal insulating products for building applications – Determination of flatness (ISO 29468:2022; EN ISO 29468:2022)

HRN EN ISO 29770:2022 en pr
Toplinsko-izolacijski proizvodi za primjenu u građevinarstvu – Određivanje debljine izolacijskih proizvoda za plivajuće podove (ISO 29770:2022; EN ISO 29770:2022)
Thermal insulating products for building applications – Determination of thickness for floating-floor insulating products (ISO 29770:2022; EN ISO 29770:2022)

HZN/TO 228, Usluge u turizmu

HRN ISO 23405:2022 en pr
Turističke i srodne usluge – Održivi turizam – Načela, rječnik i model (ISO 23405:2022)
Tourism and related services – Sustainable tourism – Principles, vocabulary and model (ISO 23405:2022)

HZN/TO 301, Upravljanje energijom i ušteda energije

HRN EN 16247-1:2022 en pr
Energijski audit – 1. dio: Opći zahtjevi (EN 16247-1:2022)
Energy audits – Part 1: General requirements (EN 16247-1:2022)

HRN EN 16247-2:2022 en pr
Energijski audit – 2. dio: Zgrade (EN 16247-2:2022)
Energy audits – Part 2: Buildings (EN 16247-2:2022)

HRN EN 16247-3:2022 en pr
Energijski audit – 3. dio: Procesi (EN 16247-3:2022)
Energy audits – Part 3: Processes (EN 16247-3:2022)

HRN EN 16247-4:2022 en pr
Energijski audit – 4. dio: Prijevoz (EN 16247-4:2022)
Energy audits – Part 4: Transport (EN 16247-4:2022)

HZN/TO 502, Plinski uređaji

HRN EN 13203-2:2022 en pr
Plinski uređaji za pripremu potrošne tople vode za kućanstva – 2. dio: Procjena potrošnje energije (EN 13203-2:2022)
Gas-fired domestic appliances producing hot water – Part 2: Assessment of energy consumption (EN 13203-2:2022)

HRN EN 13203-3:2022 en pr
Plinski uređaji za pripremu potrošne tople vode za kućanstva – 3. dio: Procjena potrošnje energije solarnih plinskih uređaja (EN 13203-3:2022)
Gas-fired domestic appliances producing hot water – Part 3: Assessment of energy consumption of solar supported gas-fired appliances (EN 13203-3:2022)

HRN EN 13203-4:2022 en pr
Plinski uređaji za pripremu potrošne tople vode za kućanstva – 4. dio: Ocjenjivanje potrošnje energije uređaja s kombinacijom plina i električne energije koji proizvode toplu vodu i električnu energiju (EN 13203-4:2022)
Gas-fired domestic appliances producing hot water – Part 4: Assessment of energy consumption of gas combined heat and power appliances (mCHP) producing hot water and electricity (EN 13203-4:2022)

HRN EN 13203-5:2022 en pr
Plinski uređaji za pripremu potrošne tople vode za kućanstva – 5. dio: Procjena potrošnje energije plinskih uređaja kombiniranih s električnom dizalicom topline (EN 13203-5:2022)
Gas-fired domestic appliances producing hot water – Part 5: Assessment of energy consumption of gas-fired appliances combined with electrical heat pump (EN 13203-5:2022)

HRN EN 13203-6:2022 en pr
Plinski uređaji za pripremu potrošne tople vode za kućanstva – 6. dio: Procjena potrošnje energije adsorpcijskih i apsorpcijskih dizalica topline (EN 13203-6:2022)
Gas-fired domestic appliances producing hot water – Part 6: Assessment of energy consumption of adsorption and absorption heat pumps (EN 13203-6:2022)

HRN EN 13203-7:2022 en pr
Plinski uređaji za pripremu potrošne tople vode za kućanstva – 7. dio: Procjena potrošnje energije kombiniranih bojlera s pasivnim uređajem za povrat topline dimnih plinova (EN 13203-7:2022)
Gas-fired domestic appliances producing hot water – Part 7: Assessment of energy consumption of combination boilers equipped with a passive flue heat recovery device (EN 13203-7:2022)

HRN EN 15502-1:2021/Ispr.1:2022 en pr
Plinski kotlovi za centralno grijanje – 1. dio: Opći zahtjevi i ispitivanja (EN 15502-1:2021/AC:2022)
Gas-fired heating boilers – Part 1: General requirements and tests (EN 15502-1:2021/AC:2022)

HZN/TO 503, Metalni materijali

HRN EN 10107:2022 en pr
Čelična elektrotraka i elektrolim usmjerenoga zrna isporučeni u potpuno obrađenom stanju (EN 10107:2022)
Grain-oriented electrical steel strip and sheet delivered in the fully processed state (EN 10107:2022)

HRN EN 10357:2022 en pr
Austenitne, austenitno-feritne i feritne uzdužno zavarene cijevi od nehrđajućeg čelika za prehrambenu i kemijsku industriju (EN 10357:2022)
Austenitic, austenitic-ferritic and ferritic longitudinally welded stainless steel tubes for the food and chemical industry (EN 10357:2022)

HZN/TO 508, Ambalaža i pakiranje

HRN EN 13045:2022 en pr
Ambalaža – Savitljive valjkaste plastične tube – Dimenzije i dopuštena odstupanja (EN 13045:2022)
Packaging – Flexible cylindrical plastic tubes – Dimensions and tolerances (EN 13045:2022)

HRN EN ISO 15750-3:2022 en pr
Ambalaža – Čelične bačve – 3. dio: Sustavi za zatvaranje čeličnih bačava s uprešanom prirubnicom (ISO 15750-3:2022; EN ISO 15750-3:2022)
Packaging – Steel drums – Part 3: Inserted flange-type closure systems (ISO 15750-3:2022; EN ISO 15750-3:2022)

HRN EN 17665:2022 en pr
Ambalaža – Metode ispitivanja i zahtjevi kojima se dokazuje da plastične kapice i poklopci ostaju pričvršćeni na posudi za napitke (EN 17665:2022)
Packaging – Test methods and requirements to demonstrate that plastic caps and lids remain attached to beverage containers (EN 17665:2022)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 1434-1:2022 en pr
Mjerila toplinske energije – 1. dio: Opći zahtjevi (EN 1434-1:2022)
Thermal energy meters – Part 1: General requirements (EN 1434-1:2022)

HRN EN 1434-2:2022 en pr
Mjerila toplinske energije – 2. dio: Konstrukcijski zahtjevi (EN 1434-2:2022)
Thermal energy meters – Part 2: Constructional requirements (EN 1434-2:2022)

HRN EN 1434-4:2022 en pr
Mjerila toplinske energije – 4. dio: Ispitivanja prilikom odobranja tipa (EN 1434-4:2022)
Thermal energy meters – Part 4: Pattern approval tests (EN 1434-4:2022)

HRN EN 1434-5:2022 en pr
Mjerila toplinske energije – 5. dio: Ispitivanja prilikom prvog ovjeravanja (EN 1434-5:2022)
Thermal energy meters – Part 5: Initial verification tests (EN 1434-5:2022)

HRN EN 1434-6:2022 en pr
Mjerila toplinske energije – 6. dio: Ugradnja, preuzimanje, nadzor u radu i održavanje (EN 1434-6:2022)
Thermal energy meters – Part 6: Installation, commissioning, operational monitoring and maintenance (EN 1434-6:2022)

HZN/TO 528, Oprema za željeznice

HRN EN 12080:2022 en pr
Željeznički sustav – Kućišta osovinskih ležaja – Kotrljajući ležaji (EN 12080:2017+A1:2022)
Railway applications – Axleboxes – Rolling bearings (EN 12080:2017+A1:2022)

HRN EN 14363:2022 en pr
Željeznički sustav – Ispitivanje i simulacija za prihvatljivost vozničkih svojstava željezničkih vozila – Dinamička i statička ispitivanja (EN 14363:2016+A2:2022)
Railway applications – Testing and Simulation for the acceptance of running characteristics of railway vehicles – Running Behaviour and stationary tests (EN 14363:2016+A2:2022)

HRN EN 15020:2022 en pr
Željeznički sustav – Pomoćno kvačilo – Zahtjevi za radne značajke, posebna utjecajna geometrija i metode ispitivanja (EN 15020:2022)
Railway applications – Rescue coupler – Performance requirements, specific interface geometry and test methods (EN 15020:2022)

HRN EN 15551:2022 en pr
Željeznički sustav – Željeznička vozila – Odbojnici (EN 15551:2022)
Railway applications – Railway rolling stock – Buffers (EN 15551:2022)

HRN EN 15566:2022 en pr
Željeznički sustav – Željeznička vozila – Vučni uređaj i vijčano kvačilo (EN 15566:2022)
Railway applications – Railway Rolling stock – Draw gear and screw coupling (EN 15566:2022)

HRN EN 16839:2022 en pr
Željeznički sustav – Željeznička vozila – Raspored opreme na čelnoj gredi vozila (EN 16839:2022)
Railway applications – Rolling stock – Head stock layout (EN 16839:2022)

HRN EN 17495:2022 en pr
Željeznički sustav – Akustika – Određivanje dinamičke krutosti elastičnih komponenata kolosijeka koje se odnose na generiranje buke i vibracija – Tračnički podlošci i kolosiječni pričvrtni pribor (EN 17495:2022)
Railway Applications – Acoustics – Determination of the dynamic stiffness of elastic track components related to noise and vibration: Rail pads and track fastener assemblies (EN 17495:2022)

HZN/TO 531, Plastika i guma

HRN EN 14420-2:2022 en pr
Crijevni priključci sa stezaljkama – 2. dio: Bočni dijelovi nastavka za crijevo (EN 14420-2:2022)
Hose fittings with clamp units – Part 2: Hose side parts of hose tail (EN 14420-2:2022)

HRN EN 14420-4:2022 en pr
Crijevni priključci sa stezaljkama – 4. dio: Spojevi s prirubnicom (EN 14420-4:2022)
Hose fittings with clamp units – Part 4: Flange connections (EN 14420-4:2022)

HRN EN 14420-7:2022 en pr
Crijevni priključci sa stezaljkama – 7. dio: Spojke za zatvaranje (EN 14420-7:2022)
Hose fittings with clamp units – Part 7: Cam locking couplings (EN 14420-7:2022)

HZN/TO 534, Spremnici za teret

HRN EN 13922:2022 en pr
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Sustavi za sprečavanje prepunjenosti za tekuća goriva (EN 13922:2020+A1:2022)
Tanks for transport of dangerous goods – Service equipment for tanks – Overfill prevention systems for liquid fuels (EN 13922:2020+A1:2022)

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

HRN EN 17610:2022 en pr
Građevni okovi – Izjave o utjecaju proizvoda na okoliš – Pravila za kategorizaciju proizvoda kao dopuna norme EN 15804 za građevne okove (EN 17610:2022)
Building hardware – Environmental product declarations – Product category rules complementary to EN 15804 for building hardware (EN 17610:2022)

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

HRN EN 13141-8:2022 en pr
Ventilacija u zgradama – Ispitivanje značajki dijelova/proizvoda za ventilaciju stambenih zgrada – 8. dio: Ispitivanje značajki za beskanalnu dobavnu i otkisnu ventilacijsku opremu (uključujući povrat topline) (EN 13141-8:2022)
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 8: Performance testing of non-ducted mechanical supply and exhaust ventilation units (including heat recovery) (EN 13141-8:2022)

HRN EN ISO 16890-2:2022 en pr
Zračni filtri za opću ventilaciju – 2. dio: Mjerenje frakcijske učinkovitosti i otpora strujanju zraka (ISO 16890-2:2022; EN ISO 16890-2:2022)
Air filters for general ventilation – Part 2: Measurement of fractional efficiency and air flow resistance (ISO 16890-2:2022; EN ISO 16890-2:2022)

HRN EN ISO 16890-4:2022 en pr
Zračni filtri za opću ventilaciju – 4. dio: Metoda kondicioniranja za određivanje minimalne frakcijske učinkovitosti (ISO 16890-4:2022; EN ISO 16890-4:2022)
Air filters for general ventilation – Part 4: Conditioning method to determine the minimum fractional test efficiency (ISO 16890-4:2022; EN ISO 16890-4:2022)

HRN EN ISO 29461-2:2022 en pr
Sustavi za filtriranje usisnog zraka za rotirajuće strojeve – Metode ispitivanja – 2. dio: Ispitivanje izdržljivosti filterarskih elemenata u magli i izmaglici (ISO 29461-2:2022)
Air intake filter systems for rotary machinery – Test methods – Part 2: Filter element endurance test in fog and mist environments (ISO 29461-2:2022; EN ISO 29461-2:2022)

HRN EN ISO 29462:2022 en pr
Ispitivanje učinkovitosti odstranjivanja čestica filterarskih uređaja i sustava tijekom rada na licu mjesta prema veličini čestica i otpora protoku zraka (ISO 29462:2022; EN ISO 29462:2022)
Field testing of general ventilation filtration devices and systems for in situ removal efficiency by particle size and resistance to airflow (ISO 29462:2022; EN ISO 29462:2022)

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 17652:2022 en pr
Kulturna baština – Istraživanje i praćenje stanja arheoloških nalazišta radi očuvanja in situ (EN 17652:2022)
Cultural heritage – Assessment and monitoring of archaeological deposits for preservation in situ (EN 17652:2022)

HZN/TO 551, Gradnja

HRN EN ISO 12006-3:2022 en pr
Građenje – Organiziranje informacija o građevinama – 3. dio: Okvir za objektno usmjerene informacije (ISO 12006-3:2022; EN ISO 12006-3:2022)
Building construction – Organization of information about construction works – Part 3: Framework for object-oriented information (ISO 12006-3:2022; EN ISO 12006-3:2022)

HRN DIN 18202:2022 hr pp
Dopuštena odstupanja pri gradnji – Zgrade (DIN 18202:2019)
Toleranzen im Hochbau – Bauwerke (DIN 18202:2019)

HZN/TO 553, Predgotovljeni proizvodi

HRN EN ISO 10545-20:2022 en pr
Keramičke pločice – 20. dio: Određivanje progiba keramičkih pločica za izračun radijusa zakrivljenosti (ISO 10545-20:2022; EN ISO 10545-20:2022)
Ceramic tiles – Part 20: Determination of deflection of ceramic tiles for calculating their radius of curvature (ISO 10545-20:2022; EN ISO 10545-20:2022)

HZN/TO 557, Zaštitna odjeća

HRN EN 17673:2022 en pr
Zaštitna odjeća – Zaštita od topline i plamena – Zahtjevi i metode ispitivanja za odjeću s integriranim pametnim tekstilom i netekstilnim elementima (EN 17673:2022)
Protective clothing – Protection against heat and flame – Requirements and test methods for garments with integrated smart textiles and non textile elements (EN 17673:2022)

HZN/TO 567, Meso, meso peradi, jaja i njihovi proizvodi, ribe, proizvodi ribarstva i akvakultura

HRN ISO 4134:2022 en pr
Meso i mesni proizvodi – Određivanje količine L-(+)-glutaminske kiseline – Referentna metoda (ISO 4134:2021)
Meat and meat products – Determination of L-(+)-glutamic acid content – Reference method (ISO 4134:2021)

HRN ISO 23776:2022 en pr
Meso i mesni proizvodi – Određivanje ukupne količine fosfora (ISO 23776:2021)
Meat and meat products – Determination of total phosphorous content (ISO 23776:2021)

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

HRN EN 1186-3:2022 en pr
Materijali i proizvodi u kontaktu s hranom – Plastika – 3. dio: Metode ispitivanja globalne migracije u hlapljivim modelnim otopinama (EN 1186-3:2022)
Materials and articles in contact with foodstuffs – Plastics – Part 3: Test methods for overall migration in evaporable simulants (EN 1186-3:2022)

HRN EN 17641:2022 en pr
Hrana – Multimetoda za određivanje aflatoksina, deoksinivalenola, fumonizina, okratoksina A, T-2 toksina, HT-2 toksina i zearalenona LC-MS/MS tehnikom (EN 17641:2022)
Foodstuffs – Multimethod for the determination of aflatoxins, deoxynivalenol, fumonisins, ochratoxin A, T-2 toxin, HT-2 toxin and zearalenone by LC-MS/MS (EN 17641:2022)

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

HRN EN ISO 23611-4:2022 en pr
Kvaliteta tla – Uzorkovanje beskralježnjaka u tlu – 4. dio: Uzorkovanje, izdvajanje i identifikacija slobodno živućih nematoda (ISO 23611-4:2022; EN ISO 23611-4:2022)
Soil quality – Sampling of soil invertebrates – Part 4: Sampling, extraction and identification of soil-inhabiting nematodes (ISO 23611-4:2022; EN ISO 23611-4:2022)

HZN/TO 579, Robotika, sustavi automatizacije i integracije

HRN ISO 8373:2022 en pr
Robotika – Terminološki rječnik (ISO 8373:2021)
Robotics – Vocabulary (ISO 8373:2021)

HRN ISO 10303-1:2022 en pr
Sustavi industrijske automatizacije i integracija – Prikaz i razmjena podataka o proizvodu – 1. dio: Pregled i osnovna načela (ISO 10303-1:2021)
Industrial automation systems and integration – Product data representation and exchange – Part 1: Overview and fundamental principles (ISO 10303-1:2021)

HRN ISO 19649:2022 en pr
Mobilni roboti – Terminološki rječnik (ISO 19649:2017)
Mobile robots – Vocabulary (ISO 19649:2017)

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50163:2007/A3:2022 en pr
Željeznički sustav – Naponi napajanja vučnih sustava (EN 50163:2004/A3:2022)
Railway applications – Supply voltages of traction systems (EN 50163:2004/A3:2022)

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

HRN EN IEC 62055-31:2022 en pr
Mjerenje električne energije – Sustavi plaćanja – 31. dio: Posebni zahtjevi – Statička brojlara za plaćanje djelatne energije (razreda 0,5, 1 i 2) (IEC 62055-31:2022; EN IEC 62055-31:2022)
Electricity metering – Payment systems – Part 31: Particular requirements – Static payment meters for active energy (classes 0,5, 1 and 2) (IEC 62055-31:2022; EN IEC 62055-31:2022)

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

HRN EN IEC 60674-3-4:2022 en pr
Plastične folije za elektrotehničke svrhe – 3. dio: Specifikacije za pojedinačne materijale – 4. list: Poliamidne folije koje se upotrebljavaju za električnu izolaciju (IEC 60674-3-4:2022; EN IEC 60674-3-4:2022)
Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheets 4: Polyimide films used for electrical insulation (IEC 60674-3-4:2022; EN IEC 60674-3-4:2022)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 62271-202:2022 en pr
Visokonaponska sklopna aparatura – 202. dio: Izmjenične tvornički dogotovljene transformatorske stanice za nazivne napone iznad 1 kV do uključivo 52 kV (IEC 62271-202:2022; EN IEC 62271-202:2022)
High-voltage switchgear and controlgear – Part 202: AC prefabricated substations for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-202:2022; EN IEC 62271-202:2022)

HRN EN IEC 62271-212:2022 en pr
Visokonaponska sklopna aparatura – 212. dio: Blokovi kompaktne izvedbe za distribucijske transformatorske stanice (CEADS) za izmjenične napone do 52 kV (IEC 62271-212:2022; EN IEC 62271-212:2022)
High-voltage switchgear and controlgear – Part 212: Compact Equipment Assembly for Distribution Substation (CEADS) for AC voltages up to 52 kV (IEC 62271-212:2022; EN IEC 62271-212:2022)

HZN/TO E45, Nuklearna instrumentacija

HRN EN IEC 61031:2022 en pr
Nuklearna postrojenja – Instrumentacija i kontrolni sustavi – Kriteriji projektiranja, smještaja i primjene instalirane opreme za prostorno praćenje brzina doza gama zračenja za uporabu tijekom normalnog rada i očekivanih operativnih odstupanja (IEC 61031:2020; EN IEC 61031:2022)
Nuclear facilities – Instrumentation and control systems – Design, location and application criteria for installed area gamma radiation dose rate monitoring equipment for use during normal operation and anticipated operational occurrences (IEC 61031:2020; EN IEC 61031:2022)

HRN EN IEC 62988:2022 en pr
Nuklearne elektrane – Instrumentacija i kontrolni sustavi važni za sigurnost – Odabir i uporaba bežičnih uređaja (IEC 62988:2018; EN IEC 62988:2022)
Nuclear power plants – Instrumentation and control systems important to safety – Selection and use of wireless devices (IEC 62988:2018; EN IEC 62988:2022)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 50706:2022 en pr
Kućanski i slični električni aparati – Posebni zahtjevi za električne industrijske rotacijske strojeve za glačanje (EN 50706:2022)
Household and similar electrical appliances – Particular requirements for electrical operated commercial rotary ironers (EN 50706:2022)

HRN EN 60335-2-65:2008/A12:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-65: Posebni zahtjevi aparata za pročišćavanje zraka (EN 60335-2-65:2003/A12:2022)
Household and similar electrical appliances – Safety – Part 2-65: Particular requirements for air-cleaning appliances (EN 60335-2-65:2003/A12:2022)

HRN EN 60335-2-65:2008/A2:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-65: Posebni zahtjevi aparata za pročišćavanje zraka (IEC 60335-2-65:2002/am2:2015; EN 60335-2-65:2003/A2:2022)
Household and similar electrical appliances – Safety – Part 2-65: Particular requirements for air-cleaning appliances (IEC 60335-2-65:2002/am2:2015; EN 60335-2-65:2003/A2:2022)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60731:2012/A1:2022 en pr
Medicinska električna oprema – Dozimetri s ionizacijskim komorama koji se upotrebljavaju u radioterapiji (IEC 60731:2011/am1:2016; EN 60731:2012/A1:2022)
Medical electrical equipment – Dosimeters with ionization chambers as used in radiotherapy (IEC 60731:2011/am1:2016; EN 60731:2012/A1:2022)

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

HRN HD 60364-5-53:2022/Ispr.1:2022 en pr
Niskonaponske električne instalacije – Dio 5-53: Odabir i ugradnja električne opreme – Sklopni i upravljački uređaji (HD 60364-5-53:2022/AC:2022-08)
Low-voltage electrical installations – Part 5-53: Selection and erection of electrical equipment – Switchgear and controlgear (HD 60364-5-53:2022/AC:2022-08)

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

HRN EN IEC 62657-2:2022 en pr
Industrijske mreže – Koegzistencija bežičnih sustava – 2. dio: Upravljanje koegzistencijom (IEC 62657-2:2022; EN IEC 62657-2:2022)
Industrial networks – Coexistence of wireless systems – Part 2: Coexistence management (IEC 62657-2:2022; EN IEC 62657-2:2022)

HRN EN IEC 62657-3:2022 en pr
Industrijske mreže – Koegzistencija bežičnih sustava – 3. dio: Formalni opis automatiziranog upravljanja koegzistencijom i smjernica za primjenu (IEC 62657-3:2022; EN IEC 62657-3:2022)
Industrial networks – Coexistence of wireless systems – Part 3: Formal description of the automated coexistence management and application guidance (IEC 62657-3:2022; EN IEC 62657-3:2022)

HRN EN IEC 62657-4:2022 en pr
Industrijske mreže – Koegzistencija bežičnih sustava – 4. dio: Upravljanje koegzistencijom sa centraliziranom koordinacijom bežičnih aplikacija (IEC 62657-4:2022; EN IEC 62657-4:2022)
Industrial networks – Coexistence of wireless systems – Part 4: Coexistence management with central coordination of wireless applications (IEC 62657-4:2022; EN IEC 62657-4:2022)

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

HRN EN IEC 63269:2022 en pr
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Uređaji za lociranje preživjelih na moru (uređaji za spašavanje čovjeka u moru) – Minimalni zahtjevi, metode ispitivanja i obvezni rezultati ispitivanja (IEC 63269:2022; EN IEC 63269:2022)
Maritime navigation and radiocommunication equipment and systems – Maritime survivor locating devices (man overboard devices) – Minimum requirements, methods of testing and required test results (IEC 63269:2022; EN IEC 63269:2022)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 019-2-0 V2.2.1:2022 en pr
Inženjerstvo okoliša (EE) – Uvjeti okoliša i ispitivanja telekomunikacijske opreme u okolišu – 2. dio: Specifikacija ispitivanja okoliša – 0. poddio: Uvod (EN 300 019-2-0 V2.2.1:2022)
Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2: Specification of environmental tests – Sub-part 0: Introduction (EN 300 019-2-0 V2.2.1:2022)

HRN EN 300 386 V2.2.1:2022 en pr
Telekomunikacijska mrežna oprema – Harmonizirana norma za zahtjeve elektromagnetske kompatibilnosti (EMC) (EN 300 386 V2.2.1:2022)
Telecommunication network equipment – Harmonised Standard for ElectroMagnetic Compatibility (EMC) requirements (EN 300 386 V2.2.1:2022)

HRN EN 301 489-19 V2.2.1:2022 en pr
Norma elektromagnetske kompatibilnosti (EMC) za radijsku opremu i službe – 19. dio: Posebni uvjeti za samo prijemne pokretne zemaljske postaje (ROMES) za podatkovnu komunikaciju u frekvencijskom pojasu 1,5 GHz i GNSS prijarnike koji rade u RNSS pojasu osiguravajući pozicioniranje, navigaciju i pravovremenost podataka – Harmonizirana norma za elektromagnetsku kompatibilnost (EN 301 489-19 V2.2.1:2022)
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band providing positioning, navigation, and timing data – Harmonised Standard for ElectroMagnetic Compatibility (EN 301 489-19 V2.2.1:2022)

HRN EN 302 077 V2.3.1:2022 en pr
Odašiljačka oprema za digitalnu audio radiodifuzijsku (DAR) službu – Harmonizirana norma za pristup radijskom spektru (EN 302 077 V2.3.1:2022)
Transmitting equipment for the Digital Audio Broadcasting (DAB) service – Harmonised Standard for access to radio spectrum (EN 302 077 V2.3.1:2022)

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

HRN EN 17645:2022 en pr
Bazeni u kućanstvu – Svojstva s obzirom na zaštitu okoliša – Vrednovanje, metode ispitivanja i klasifikacija uporabe vanjskih bazena i njihove opreme (EN 17645:2022)
Domestic swimming pools – Environmental performance efficiency – Performance evaluation, methodology, and classification of the use of outdoor pools and their equipment (EN 17645:2022)

HRN EN 17687:2022 en pr
Javna nabava – Poštenje i odgovornost – Zahtjevi i upute (EN 17687:2022)
Public procurement – Integrity and accountability – Requirements and guidance (EN 17687:2022)

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

HRN EN 17668:2022 en pr
Adhezivi za podne obloge – Priprema za nanošenje adheziva – Metode ispitivanja za određivanje odgovarajuće vlažnosti mineralnih podloga (EN 17668:2022)
Adhesives for floor coverings – Preparation of adhesive application – Test methods for the determination of corresponding humidity of mineral substrates (EN 17668:2022)

HZN/TU F1, Osnovne norme 1

HRN EN 17650:2022 en pr
Okvir za digitalno očuvanje kinematografskih djela – Cinema Preservation Package (EN 17650:2022)
A framework for digital preservation of cinematographic works – The Cinema Preservation Package (EN 17650:2022)

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

HRN EN 12183:2022 en pr
Invalidska kolica na ručni pogon – Zahtjevi i metode ispitivanja (EN 12183:2022)
Manual wheelchairs – Requirements and test methods (EN 12183:2022)

HRN EN 12184:2022 en pr
Invalidska kolica na električni pogon, skuteri i njihovi punjači
– Zahtjevi i metode ispitivanja (EN 12184:2022)
Electrically powered wheelchairs, scooters and their chargers
– Requirements and test methods (EN 12184:2022)

HRN EN ISO 21606:2022 en pr
Stomatologija – Elastomerni pomoćni proizvodi za upotrebu u
ortodontiji (ISO 21606:2022; EN ISO 21606:2022)
Dentistry – Elastomeric auxiliaries for use in orthodontics
(ISO 21606:2022; EN ISO 21606:2022)

HZNTU T1, Prijevoz, rukovanje materijalima i pakiranje 1

HRN EN 2287:2022 en pr
Zrakoplovstvo – Čahure izrađene od običnog čelika otpornog
na koroziju sa samopodmazujućom površinom – Dimenzije i
opterećenja (EN 2287:2022)
Aerospace series – Bush, plain, in corrosion resisting steel with
self-lubricating liner – Dimensions and loads (EN 2287:2022)

HRN EN 3645-001:2022 en pr
Zrakoplovstvo – Spojnice, električne, okrugle, sa zaštitnim
plaštom za pinove, za spajanje pomoću trostrukog navoja,
stalne radne temperature 175 °C ili 200 °C – Dio 001: Tehničke
specifikacije (EN 3645-001:2022)
Aerospace series – Connectors, electrical, circular, scoop-proof,
triple start threaded coupling, operating temperature 175 °C
or 200 °C continuous – Part 001: Technical specification
(EN 3645-001:2022)

HZNTU V1, Elektronika 1

HRN EN 50377-4-3:2022 en pr
Skupovi konektora i komponenti za međusobno povezivanje
za upotrebu u komunikacijskim sustavima s optičkim vlaknima
– Specifikacije proizvoda – Dio 4-3: Tip SC-APC simplex 9° za
povezivanje s jednomodnim vlaknima tipova B-652.D i B-657.A
prema normi EN 60793-2-50 s čvrstom cirkonijskom navlakom,
kategorija OP (EN 50377-4-3:2022)
Connector sets and interconnect components to be used in
optical fibre communication systems – Product specifications
– Part 4-3: Type SC/APC simplex 9° terminated on
EN 60793-2-50 of type B-652.D and B-657.A singlemode fibre
with full zirconia ferrule, category OP (EN 50377-4-3:2022)

HRN EN IEC 60793-1-1:2022 en pr
Optička vlakna – Dio 1-1: Metode mjerenja i postupci ispitivanja
– Općenito i upute (IEC 60793-1-1:2022; EN IEC 60793-1-1:2022)
Optical fibres – Part 1-1: Measurement methods and test
procedures – General and guidance (IEC 60793-1-1:2022;
EN IEC 60793-1-1:2022)

HRN EN IEC 60966-2-8:2022 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 2-8:
Detaljna specifikacija za sklopove kabela za radio i
televizijske prijemnike – Frekvencijsko područje do 3000 MHz,
klasa zaštite A++, konektori prema normi IEC 61169-47
(IEC 60966-2-8:2022; EN IEC 60966-2-8:2022)
Radio frequency and coaxial cable assemblies – Part 2-8:
Detail specification for cable assemblies for radio and TV
receivers – Frequency range up to 3 000 MHz, Screening
class A++, IEC 61169-47 connectors (IEC 60966-2-8:2022;
EN IEC 60966-2-8:2022)

HRN EN IEC 60966-4-2:2022 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 4-2:
Detaljna specifikacija za sklopove polukrutih koaksijalnih
kabela (kratkospojnik) – Frekvencijsko područje do 6 000 MHz,
polukruti koaksijalni kabeli tipa 50-9 (IEC 60966-4-2:2022;
EN IEC 60966-4-2:2022)
Radio frequency and coaxial cable assemblies – Part 4-2:
Detail specification for semi rigid cable assemblies (jumper)
– Frequency range up to 6000 MHz, type 50-9 semi-rigid
coaxial cable (IEC 60966-4-2:2022; EN IEC 60966-4-2:2022)

HRN EN IEC 60966-4-3:2022 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 4-3:
Detaljna specifikacija za sklopove polukrutih koaksijalnih kabela
– Frekvencijsko područje do 6 000 MHz, polukruti koaksijalni
kabeli s malim gubicima tipa 50-12 (IEC 60966-4-3:2022;
EN IEC 60966-4-3:2022)
Radio frequency and coaxial cable assemblies – Part 4-3:
Detail specification for semi-rigid cable assemblies – Frequency
range up to 6 000 MHz, type 50-12 low loss semi-rigid coaxial
cable (IEC 60966-4-3:2022; EN IEC 60966-4-3:2022)

HRN EN IEC 61290-1:2022 en pr
Optička pojačala – Metode ispitivanja – 1. dio: Parametri snage
i pojačanja (IEC 61290-1:2022; EN IEC 61290-1:2022)
Optical amplifiers – Test methods – Part 1: Power and gain
parameters (IEC 61290-1:2022; EN IEC 61290-1:2022)

HRN EN 61340-2-1:2015/A1:2022 en pr
Elektrostatika – Dio 2-1: Metode mjerenja – Sposobnost
materijala i proizvoda da rasprše elektrostatički naboj
(IEC 61340-2-1:2015/am1:2022; EN 61340-2-1:2015/A1:2022)
Electrostatics – Part 2-1: Measurement methods – Ability
of materials and products to dissipate static electric charge
(IEC 61340-2-1:2015/am1:2022; EN 61340-2-1:2015/A1:2022)

HRN EN 61754-20:2014/A1:2022 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne
komponente – Sučelja svjetlovodnih konektora – 20. dio:
Obitelj konektora tipa LC (IEC 61754-20:2012/am1:2022;
EN 61754-20:2012/A1:2022)
Fibre optic interconnecting devices and passive components
– Fibre optic connector interfaces – Part 20: Type LC connector
family (IEC 61754-20:2012/am1:2022; EN 61754-20:2012/A1:2022)

HRN EN IEC 62108:2022 en pr
Konzentratorski fotonaponski (CPV) moduli i sklopovi
– Procjena dizajna i odobrenje tipa (IEC 62108:2022;
EN IEC 62108:2022)
Concentrator photovoltaic (CPV) modules and assemblies
– Design qualification and type approval (IEC 62108:2022;
EN IEC 62108:2022)

HRN EN IEC 62759-1:2022 en pr
Fotonaponski (PV) moduli – Ispitivanje prijevoza – 1. dio:
Prijevoz i otprema jedinica za pakiranje modula
(IEC 62759-1:2022; EN IEC 62759-1:2022)
Photovoltaic (PV) modules – Transportation testing – Part 1:
Transportation and shipping of module package units
(IEC 62759-1:2022; EN IEC 62759-1:2022)

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 5, *Metalne cijevi i priključci*

- prEN 1092-2 en
Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories, PN designated – Part 2: Cast iron flanges
Prirubnice i njihovi spojevi – Okrugle prirubnice za cijevi, armature, spojne dijelove i pribor, s PN oznakom – 2. dio: Lijevano-željezne prirubnice

HZN/TO 21, *Protupožarna i vatrogasna oprema*

- prEN 13204 en
Powered rescue tools for fire and rescue service use – Safety and performance requirements
Pogonjeni spasilački alati za upotrebu u vatrogastvu i spasilačkoj službi – Zahtjevi za sigurnost i svojstva

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

- EN ISO 8437-4:2021/prA1 en
Snow throwers – Safety requirements and test procedures – Part 4: Additional national and regional requirements (ISO 8437-4:2019/DAMd 1:2022)
Bacači snijega – Sigurnosni zahtjevi i postupci ispitivanja – 4. dio: Dodatni nacionalni i regionalni zahtjevi (ISO 8437-4:2019/DAMd 1:2022)
- prEN ISO 18497-2 en
Agricultural machinery and tractors – Safety of partially automated, semi-autonomous and autonomous machinery – Part 2: Design principles for obstacle protection systems (ISO/DIS 18497-2:2022)
Poljoprivredna mehanizacija i traktori – Sigurnost djelomično automatiziranih, poluautonomnih i autonomnih strojeva – 2. dio: Načela dizajna sustava zaštite od prepreka (ISO/DIS 18497-2:2022)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

- ISO 6079:2021 en
Instant tea in solid form – Specification
Instant-čaj u krutome obliku – Specifikacija
- ISO 7305:2019 en
Milled cereal products – Determination of fat acidity
Mljeveni proizvodi od žitarica – Određivanje kiselosti masti

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

- ISO 22003-1:2022 en
Food safety – Part 1: Requirements for bodies providing audit and certification of food safety management systems
Sigurnost hrane – 1. dio: Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja sigurnošću hrane
- ISO 22003-2:2022 en
Food safety – Part 2: Requirements for bodies providing evaluation and certification of products, processes and services, including an audit of the food safety system
Sigurnost hrane – 2. dio: Zahtjevi za tijela koja provode vrednovanje i certifikaciju proizvoda, procesa i usluga, uključujući audit sustava sigurnosti hrane

HZN/TO 44, *Zavarivanje i srodni postupci*

- prEN ISO 4761 en
Non-destructive testing of welds – Phased array ultrasonic testing (UT-PA) for thin-walled steel components – Acceptance levels (ISO 4761:2022)
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje višepretvorničkom tehnikom (UT-PA) čeličnih komponenti tankih stijenki – Razine prihvatljivosti (ISO 4761:2022)
- prEN ISO 9455-1 en
Soft soldering fluxes – Test methods – Part 1: Determination of non-volatile matter, gravimetric method (ISO/FDIS 9455-1:2022)
Talila za meko lemljenje – Metode ispitivanja – 1. dio: Određivanje nehlapivih tvari, gravimetrijska metoda (ISO/FDIS 9455-1:2022)
- prEN ISO 9455-6 en
Soft soldering fluxes – Test methods – Part 6: Determination and detection of halide (excluding fluoride) content (ISO/FDIS 9455-6:2022)
Talila za meko lemljenje – Metode ispitivanja – 6. dio: Određivanje i otkrivanje sadržaja halida (isključujući fluoride) (ISO/FDIS 9455-6:2022)
- prEN ISO 9455-17 en
Soft soldering fluxes – Test methods – Part 17: Surface insulation resistance comb test and electrochemical migration test of flux residues (ISO/DIS 9455-17:2022)
Talila za meko lemljenje – Metode ispitivanja – 17. dio: Ispitivanje otpora površinske izolacije češljem i ispitivanje elektrokemijskom migracijom ostataka talila (ISO/DIS 9455-17:2022)
- prEN ISO 15613 en
Specification and qualification of welding procedures for metallic materials – Qualification based on pre-production welding test (ISO/DIS 15613:2022)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Kvalifikacija pri pokusnome zavarivanju (ISO/DIS 15613:2022)
- prEN ISO 15614-11 en
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 11: Electron and laser beam welding (ISO/DIS 15614-11:2022)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 11. dio: Zavarivanje elektronskim snopom i laserom (ISO/DIS 15614-11:2022)
- prEN ISO 17779 en
Brazing – Specification and qualification of brazing procedures for metallic materials (ISO 17779:2021)
Tvrdo lemljenje – Specifikacija i kvalifikacija postupaka tvrdog lemljenja metalnih materijala (ISO 17779:2021)

HZN/TO 54, *Eterična ulja*

- ISO 3518:2022 en
Essential oil of sandalwood (*Santalum album* L.)
Eterično ulje sandalova drveta (*Santum album* L.)
- ISO 3520:2022 en
Essential oil of bergamot [*Citrus bergamia* Risso et Poit], Calabrian type
Eterično ulje bergamota, hladno tiješteno [*Citrus bergamia* Risso et Poit], kalabrijski tip
- ISO 22769:2022 en
Essential oil of Australian sandalwood [*Santalum spicatum* (R.Br.) A.DC.]
Eterično ulje australskog sandalova drveta [*Santalum spicatum* (R.Br.) A.DC.]

HZN/TO 120, *Koža i obuća*

- prEN 17900 en
Leather – specification of leather density

HZN/TO 121, *Anestetička i respiracijska oprema*

- prEN ISO 21917 en
Anaesthetic and respiratory equipment – Voice prostheses (ISO 21917:2021)

HZN/TO 136, Namještaj

prEN 16139 en
Furniture – Strength, durability and safety – Requirements for non-domestic seating
Namještaj – Čvrstoća, izdržljivost i sigurnost – Zahtjevi za namještaj za sjedenje koji nije za uporabu u kućanstvu

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

EN 549:2019/prA1 en
Rubber materials for seals and diaphragms for gas appliances and gas equipment
Elastomerni materijali za brtve i membrane za plinske uređaje i plinsku opremu

HZN/TO 146, Kvaliteta zraka

prEN 15267-3 en
Air quality – Assessment of air quality monitoring equipment – Part 3: Performance criteria and test procedures for stationary automated measuring systems for continuous monitoring of emissions from stationary sources
Kvaliteta zraka – Ocjena uređaja za praćenje kvalitete zraka – 3. dio: Kriteriji izvedbe i postupci ispitivanja nepokretnih automatskih mjernih sustava za kontinuirano praćenje emisija iz nepokretnih izvora

prEN 15267-4 en
Air quality – Assessment of air quality monitoring equipment – Part 4: Performance criteria and test procedures for portable automated measuring systems for periodic measurements of emissions from stationary sources
Kvaliteta zraka – Ocjena uređaja za praćenje kvalitete zraka – 4. dio: Kriteriji izvedbe i postupci ispitivanja prijenosnih automatskih mjernih sustava za povremena mjerenja emisija iz nepokretnih izvora

HZN/TO 147, Kvaliteta vode

prEN 17892 en
Water quality – Determination of the sum of perfluorinated substances (Sum of PFAS) in drinking water – Method using liquid chromatography/mass spectrometry (LC/MS)

HZN/TO 159, Ergonomija

prEN ISO 15535 en
General requirements for establishing anthropometric databases (ISO/DIS 15535:2022)
Opći zahtjevi za utvrđivanje antropometrijske baze podataka (ISO/DIS 15535:2022)

HZN/TO 172, Optika i optički instrumenti

prEN ISO 24013 en
Optics and photonics – Lasers and laser-related equipment – Measurement of phase retardation of optical components for polarized laser radiation (ISO/DIS 24013:2022)
Optika i fotonika – Laseri i pridružena oprema – Mjerenje faznog usporenja optičkih komponenti za polarizirano lasersko zračenje (ISO/DIS 24013:2022)

HZN/TO 211, Geoinformacije/Geomatika

prEN ISO 19131 en
Geographic information – Data product specifications (ISO/FDIS 19131:2022)
Geoinformacije – Specifikacije podatkovnih proizvoda (ISO/FDIS 19131:2022)

HZN/TO 228, Usluge u turizmu

prEN ISO 24806 en
Recreational diving services – Requirements for rebreather diver training – Decompression diving to 60 m (ISO/DIS 24806:2022)
Usluge rekreativnog ronjenja – Zahtjevi za obuku ronjenja s aparatima zatvorenog kruga (rebreather) – Ronjenje s dekompresijom na 60 m (ISO/DIS 24806:2022)

prEN ISO 24807 en
Recreational diving services – Requirements for rebreather diver training – Decompression diving to 100 m (ISO/DIS 24807:2022)
Usluge rekreativnog ronjenja – Zahtjevi za obuku ronjenja s aparatima zatvorenog kruga (rebreather) – Ronjenje s dekompresijom na 100 m (ISO/DIS 24807:2022)

HZN/TO 503, Metalni materijali

prEN 10244-2 en
Steel wire and wire products – Non-ferrous metallic coatings on steel wire – Part 2: Zinc or zinc alloy coatings
Čelična žica i žičani proizvodi – Neželjezne metalne prevlake na čeličnim žicama – 2. dio: Prevlake od cinka i cinkovih legura

prEN 10264-3 en
Steel wire and wire products – Steel wire for ropes – Part 3: Round and shaped non alloyed steel wire for high duty applications
Čelična žica i žičani proizvodi – Čelična žica za užad – 3. dio: Okrugla i profilirana žica od nelegiranog čelika za visoka opterećenja

prEN 10270-1 en
Steel wire for mechanical springs – Part 1: Patented cold drawn unalloyed spring steel wire
Čelična žica za opruge – 1. dio: Patentirana hladno vučena žica od nelegiranog čelika za opruge

prEN 12163 en
Copper and copper alloys – Rod for general purposes
Bakar i legure bakra – Šipke za opću namjenu

prEN 12164 en
Copper and copper alloys – Rod for free machining purposes
Bakar i legure bakra – Šipke namijenjene strojnoj obradi

prEN 12165 en
Copper and copper alloys – Wrought and unwrought forging stock
Bakar i legure bakra – Gnječeni i negnječeni materijal namijenjen kovanju

prEN 12166 en
Copper and copper alloys – Wire for general purposes
Bakar i legure bakra – Žica za opću namjenu

prEN 12167 en
Copper and copper alloys – Profiles and bars for general purposes
Bakar i legure bakra – Profili i šipke za opću namjenu

prEN 12168 en
Copper and copper alloys – Hollow rod for free machining purposes
Bakar i legure bakra – Šuplje šipke namijenjene strojnoj obradi

prEN 12420 en
Copper and copper alloys – Forgings
Bakar i legure bakra – Otkivci

HZN/TO 505, Prijenos i distribucija plina

prEN 1594 en
Gas infrastructure – Pipelines for maximum operating pressure over 16 bar – Functional requirements
Plinska infrastruktura – Cjevovodi za najveći radni tlak preko 16 bara – Funkcionalni zahtjevi

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

prEN ISO 19901-3 en
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 3: Topsides structure (ISO/DIS 19901-3:2022)
Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne objekte – 3. dio: Konstrukcije na platformi (ISO/DIS 19901-3:2022)

HZN/TO 513, Mjerne jedinice i mjerila

prEN ISO 25377 en
Hydrometric uncertainty guidance (HUG) (ISO 25377:2020)
Smjernice za određivanje mjerne nesigurnosti u hidrometriji (ISO 25377:2020)

HZN/TO 518, Podovi, stropovi i zidne obloge

prEN 15330-5 en
Surfaces for sport areas – Synthetic turf and textile sports surfaces – Part 5: Specification for infill materials
Površine sportskih terena – Sintetičke travnate podloge i tekstilne sportske površine – 5. dio: Specifikacija za materijale ispune

HZN/TO 524, *Inteligentni transportni sustavi*

prEN 17905 en
Intelligent transport systems – eSafety – eCall HLAP in hybrid circuit switched/packet switched network environments

prEN ISO 20524-1 en
Intelligent transport systems – Geographic Data Files (GDF) GDF5.1 – Part 1: Application independent map data shared between multiple sources (ISO 20524-1:2020)

prEN ISO 20524-2 en
Intelligent transport systems – Geographic Data Files (GDF) GDF5.1 – Part 2: Map data used in automated driving systems, Cooperative ITS, and multi-modal transport (ISO 20524-2:2020)

HZN/TO 526, *Bitumenska veziva*

prEN 16346 en
Bitumen and bituminous binders – Determination of breaking behaviour and immediate adhesivity of cationic bituminous emulsions
Bitumenska veziva – Određivanje stupnja stabilnosti i neposrednog prijanjanja kationskih bitumenskih emulzija

HZN/TO 528, *Oprema za željeznice*

prEN 15827 en
Railway applications – System Engineering requirements for bogies and running gear

prEN 15955-1 en
Railway applications – Infrastructure – Demountable machines, trailers and associated equipment – Part 1: Technical requirements for travelling and working
Željeznički sustav – Željeznički gornji ustroj – Rasklopivi strojevi i pripadajuća oprema – 1. dio: Tehnički zahtjevi za vožnju i rad

prEN 15955-2 en
Railway applications – Infrastructure – Demountable machines, trailers and associated equipment – Part 2: General safety requirements

prEN 16451 en
Railway applications – Braking – Brake pad holder
Željeznički sustav – Kočenje – Nosač kočne papuče

HZN/TO 531, *Plastika i guma*

prEN ISO 8256 en
Plastics – Determination of tensile-impact strength (ISO/DIS 8256:2022)
Plastika – Određivanje rastezne žilavosti (ISO/DIS 8256:2022)

prEN 12608-2 en
Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors – Classification, requirements and test methods – Part 2: PVC-U profiles covered with foils bonded with adhesives

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

prEN 16035 en
Hardware performance sheet (HPS) – Identification and summary of test evidence to facilitate the inter-changeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows
Lista svojstava okova (HPS) – Identifikacija i sažetak dokaza ispitivanja za omogućavanje međusobne izmjenjivosti građevnih okova za primjenu na vatrootpornim i/ili dimonepropusnim vratima i/ili prozorima koji se mogu otvarati

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

prEN ISO 4351 en
Geometrical product specifications (GPS) – Association (ISO/DIS 4351:2022)

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

prEN 13697 en
Chemical disinfectants and antiseptics – Quantitative non-porous surface test for the evaluation of bactericidal and yeasticidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas without mechanical action – Test method and requirements without mechanical action (phase 2, step 2)

HZN/TO 546, *Očuvanje kulturne baštine*

prEN 17891 en
Conservation of cultural heritage – Desalination of porous inorganic materials by poultices
Očuvanje kulturne baštine – Desalinacija poroznih anorganskih materijala kompresama od pulpe

HZN/TO 548, *Konstruktivski eurokodovi*

prEN 1996-1-2 en
Eurocode 6 – Design of masonry structures – Part 1-2: General rules – Structural fire design
Eurokod 6 – Projektiranje zidanih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara

prEN 1996-2 en
Eurocode 6 – Design of masonry structures – Part 2: Design considerations, selection of materials and execution of masonry
Eurokod 6 – Projektiranje zidanih konstrukcija – 2. dio: Konstruiranje, odabir materijala i izvedba zida

prEN 1997-1 en
Eurocode 7: Geotechnical design – Part 1: General rules
Eurokod 7: Geotehničko projektiranje – 1. dio: Opća pravila

prEN 1997-2 en
Eurocode 7 – Geotechnical design – Part 2: Ground properties
Eurokod 7 – Geotehničko projektiranje – 2. dio: Svojstva temeljnog tla

prEN 1997-3 en
Eurocode 7 – Geotechnical design – Part 3: Geotechnical structures
Eurokod 7 – Geotehničko projektiranje – 3. dio: Geotehničke konstrukcije

prEN 1998-1-1 en
Eurocode 8 – Design of structures for earthquake resistance – Part 1-1: General rules and seismic action
Eurokod 8 – Projektiranje potresne otpornosti konstrukcija – Dio 1-1: Opća pravila i potresna djelovanja

prEN 1998-5 en
Eurocode 8 – Design of structures for earthquake resistance – Part 5: Geotechnical aspects, foundations, retaining and underground structures
Eurokod 8 – Projektiranje potresne otpornosti konstrukcija – 5. dio: Geotehnička pitanja, temelji, potporne i podzemne konstrukcije

HZN/TO 551, *Gradnja*

ISO 21931-1:2022 en
Sustainability in buildings and civil engineering works – Framework for methods of assessment of the environmental, social and economic performance of construction works as a basis for sustainability assessment – Part 1: Buildings
Održivost zgrada i inženjerskih građevina – Metodološki okvir za ocjenjivanje svojstava građevina s obzirom na okoliš te socijalnih i ekonomskih svojstava kao podloga za procjenu održivosti – 1. dio: Zgrade

HZN/TO 554, *Obrada otpadnih voda*

prEN 16941-1 en
On-site non-potable water systems – Part 1: Systems for the use of rainwater
Sustavi za prikupljanje nepitke vode koja se upotrebljava na licu mjesta – 1. dio: Sustavi za uporabu kišnice

HZN/TO 555, *Medicinski proizvodi*

EN ISO 11607-1:2020/prA1 en
Packaging for terminally sterilized medical devices – Part 1: Requirements for materials, sterile barrier systems and packaging systems (ISO 11607-1:2019/DAM 1:2022)
Ambalaža za završno sterilizirane medicinske proizvode – 1. dio: Zahtjevi za materijale, sustave sterilne obloge i sustave ambalaže (ISO 11607-1:2019/DAM 1:2022)

EN ISO 11607-2:2020/prA1 en
Packaging for terminally sterilized medical devices – Part 2: Validation requirements for forming, sealing and assembly processes (ISO 11607-2:2019/DAM 1:2022)
Ambalaža za završno sterilizirane medicinske proizvode – 2. dio: Vrednovanje zahtjeva za oblikovanje, lijepljenje i postupke sastavljanja (ISO 11607-2:2019/DAM 1:2022)

prEN ISO 17665 en

Sterilization of health care products – Moist heat – Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO/DIS 17665:2022)
Sterilizacija medicinskih proizvoda – Vlažna toplina – 1. dio: Zahtjevi za provedbu, vrednovanje i rutinsku kontrolu sterilizacije medicinskih proizvoda (ISO/DIS 17665:2022)

HZN/TO 557, Zaštitna odjeća

prEN ISO 11611 en

Protective clothing for use in welding and allied processes (ISO/DIS 11611:2022)
Zaštitna odjeća za uporabu kod zavarivanja i srodnih procesa (ISO/DIS 11611:2022)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 5157 en

Textiles – Environmental aspects – Vocabulary (ISO/DIS 5157:2022)

prEN ISO 17751-1 en

Textiles – Quantitative analysis of cashmere, wool, other specialty animal fibers and their blends – Part 1: Light microscopy method (ISO/DIS 17751-1:2022)
Tekstil – Kvantitativne metode analize kašmira, vune i drugih specijalnih životinjskih vlakana i njihovih mješavina – 1. dio: Metoda svjetlosne mikroskopije (ISO/DIS 17751-1:2022)

prEN ISO 17751-2 en

Textiles – Quantitative analysis of cashmere, wool, other specialty animal fibres and their blends – Part 2: Scanning electron microscopy method (ISO/DIS 17751-2:2022)
Tekstil – Kvantitativne metode analize kašmira, vune i drugih specijalnih životinjskih vlakana i njihovih mješavina – 2. dio: Metoda skeniranja elektronskim mikroskopom (ISO/DIS 17751-2:2022)

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

prEN ISO 9809-4 en

Gas cylinders – Design, construction and testing of refillable seamless steel gas cylinders and tubes – Part 4: Stainless steel cylinders with an Rm value of less than 1 100 MPa (ISO 9809-4:2021)
Plinske boce – Projektiranje, konstruiranje i ispitivanje ponovo punjivih bešavnih, čeličnih plinskih boca i cilindričnih spremnika – 4. dio: Boce od nehrđajućeg čelika s Rm vrijednosti manjom od 1100 MPa (ISO 9809-4:2021)

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

prEN ISO 20813 en

Molecular biomarker analysis – Methods of analysis for the detection and identification of animal species in foods and food products (nucleic acid-based methods) – General requirements and definitions (ISO 20813:2019)
Analiza molekularnih biomarkera – Metode analize za dokazivanje i identifikaciju životinjskih vrsta u hrani i prehrambenim proizvodima (metode zasnovane na nukleinskim kiselinama) – Opći zahtjevi i definicije (ISO 20813:2019)

HZN/TO E2, Rotacijski strojevi

prEN IEC 60136:2022 en

Dimensions, marking and testing of carbon brushes and dimensions of brush-holders for electrical machinery (IEC 60136 ED3)
Dimenzije, označavanje i ispitivanje ugljenih četkica i dimenzije nosača četkica za električne strojeve (IEC 60136 ED3)

HZN/TO E14, Energetski transformatori

prEN 50708-3-1 en

Power transformers – Additional European requirements – Part 3-1: Large power transformer – General requirements
Energetski transformatori – Dodatni europski zahtjevi – Dio 3-1: Veliki energetski transformatori – Opći zahtjevi

HZN/TO E17, Sklopni i upravljački uređaji

prEN IEC 60947-5-1:2022 en

Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices (IEC 60947-5-1 ED5)
Niskonaponska sklopna aparatura – Dio 5-1: Aparati za upravljačke strujne krugove i sklopni elementi – Elektromehanički aparati za upravljačke strujne krugove (IEC 60947-5-1 ED5)

prEN IEC 60947-5-7:2022 en

Low-voltage switchgear and controlgear – Part 5-7: Control circuit devices and switching elements – Requirements for proximity devices with analogue output (IEC 60947-5-7 ED2)
Niskonaponska sklopna aparatura – Dio 5-7: Aparati za upravljačke strujne krugove i sklopni elementi – Zahtjevi za blizinske aparate s analognim izlazom (IEC 60947-5-7 ED2)

prEN IEC 62271-110:2022 en

High-voltage switchgear and controlgear – Part 110: Inductive load switching (IEC 62271-110 ED5)
Visokonaponska sklopna aparatura – 110. dio: Sklapanje induktivnih tereta (IEC 62271-110 ED5)

prEN IEC 62271-214:2022 en

High-voltage switchgear and controlgear – Part 214: Internal arc classification for metal-enclosed pole-mounted switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (IEC 62271-214 ED2)
Visokonaponska sklopna aparatura – 214. dio: Klasifikacija prema internom električnom luku za sklopnu aparaturu u metalnom kućištu postavljenu na stup, za nazivne napone iznad 1 kV do uključivo 52 kV (IEC 62271-214 ED2)

HZN/TO E20, Električni kabeli

prEN IEC 60228:2022 en

Conductors of insulated cables (IEC 60228 ED4)
Vodiči za kabele (IEC 60228 ED4)

HZN/TO E31, Eksplozivne atmosfere

prEN 13237 en

Potentially explosive atmospheres – Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres
Potencijalno eksplozivne atmosfere – Nazivlje i definicije za opremu i zaštitne sustave za uporabu u ugroženim prostorima

prEN IEC 60079-2:2022 en

Explosive atmospheres – Part 2: Equipment protection by pressurized enclosure "p" (IEC 60079-2 ED7)
Eksplozivne atmosfere – 2. dio: Vrsta zaštite opreme nadtlak "p" (IEC 60079-2 ED7)

prEN ISO/IEC 80079-49 en

Explosive atmospheres – Part 49: Flame arresters – Performance requirements, test methods and limits for use (ISO/IEC/DIS 80079-49:2022)
Eksplozivne atmosfere – 49. dio: Prigušivači plamena – Zahtjevi za pogonska svojstva, metode ispitivanja i ograničenja za uporabu (ISO/IEC/DIS 80079-49:2022)

HZN/TO E45, Nuklearna instrumentacija

prEN IEC 62372 en

Nuclear instrumentation – Housed scintillators – Test methods of light output and intrinsic resolution (IEC 62372:2021)

EN IEC 62976:2019/prA1 en

Industrial non-destructive testing equipment – Electron linear accelerator (IEC 62976:2017/am1:2021)
Industrijska nedestruktivna oprema za testiranje – Linearni akceleratori elektrona (IEC 62976:2017/am1:2021)

HZN/TO E62, Električna oprema u medicinskoj praksi

prEN IEC 62220-2:2022 en

Medical electrical equipment – Characteristics of digital X-ray imaging devices – Part 2: Determination of dual-energy subtraction efficiency – Detectors used for dual-energy radiographic imaging (IEC 62220-2 ED1)

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

- IEC 60364-4-44:2007 en
Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances
Niskonaponske električne instalacije – Dio 4-44: Sigurnosna zaštita – Zaštita od naponskih i elektromagnetskih smetnji
- IEC 60364-4-44:2007/am1:2015 en
Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances
Niskonaponske električne instalacije – Dio 4-44: Sigurnosna zaštita – Zaštita od naponskih i elektromagnetskih smetnji
- IEC 60364-4-44:2007/am1:2015/Corr.1:2016 en
Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances
Niskonaponske električne instalacije – Dio 4-44: Sigurnosna zaštita – Zaštita od naponskih i elektromagnetskih smetnji
- IEC 60364-4-44:2007/am2:2018 en
Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances
Niskonaponske električne instalacije – Dio 4-44: Sigurnosna zaštita – Zaštita od naponskih i elektromagnetskih smetnji
- IEC 60364-4-44:2007/Corr.1:2010 en
Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances
Niskonaponske električne instalacije – Dio 4-44: Sigurnosna zaštita – Zaštita od naponskih i elektromagnetskih smetnji
- IEC 60364-4-44:2007/Corr.2:2011 en
Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances
Niskonaponske električne instalacije – Dio 4-44: Sigurnosna zaštita – Zaštita od naponskih i elektromagnetskih smetnji

HZN/TO E88, Vjetroagregati

- prEN IEC 61400-8:2022 en
Wind energy generation systems – Part 8: Design of wind turbine structural components (IEC 61400-8 ED1)
Sustavi za proizvodnju energije iz vjetra – 8. dio: Projektiranje strukturnih komponenata vjetroagregata (IEC 61400-8 ED1)

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

- prEN IEC 61936-2:2022 en
Power installations exceeding 1 kV AC and 1,5 kV DC – Part 2: DC (IEC 61936-2 ED1)
Električna postrojenja nazivnih izmjeničnih napona iznad 1 kV izmjenično i 1,5 kV istosmjerno – 2. dio: Istosmjerno (IEC 61936-2 ED1)

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

- prEN IEC 60728-101-1:2022 en
RF cabling for two-way home networks with all-digital channels load (TA5) (IEC 60728-101-1 ED1)
- prEN IEC 60728-101-2:2022 en
Performance requirements for signals delivered at the system outlet in operation with alldigital channels load (IEC 60728-101-2 ED1)

HZN/TO T4, Normizacija u telekomunikacijama

- Draft EN 300 176-1 V2.3.8:2022 en
Digital Enhanced Cordless Telecommunications (DECT) – Test specification – Part 1: Radio
Digitalne poboljšane bežične telekomunikacije (DECT) – Ispitna specifikacija – 1. dio: Radio

Draft EN 301 489-17 V3.2.5:2022 en
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 17: Specific conditions for Broadband and Wideband Data Transmission Systems – Harmonised Standard for ElectroMagnetic Compatibility
Norma za elektromagnetsku kompatibilnost (EMC) za radijsku opremu i službe – 17. dio: Posebni uvjeti za brze širokopolasne sustave prijenosa podataka – Harmonizirana norma za elektromagnetsku kompatibilnost

Draft EN 304 220-1 V1.1.0:2022 en
Wideband data transmission SRD operating in the frequency range 25 MHz to 1 000 MHz – Harmonised Standard for access to radio spectrum – Part 1: Wideband data transmission devices: network access points operating in designated bands
Uređaji kratkog dometa (SRD) za širokopolasni prijenos podataka koji rade u frekvencijskom području od 25 MHz do 1000 MHz – Harmonizirana norma za pristup radijskom spektru – 1. dio: Uređaji za širokopolasni prijenos podataka: pristupne točke (access points) koje rade u dodijeljenim pojasi

Draft EN 304 220-2 V1.1.0:2022 en
Wideband data transmission SRD operating in the frequency range 25 MHz to 1 000 MHz – Harmonised Standard for access to radio spectrum – Part 2: Wideband data transmission devices: terminal node operating in designated bands
Uređaji kratkog dometa (SRD) za širokopolasni prijenos podataka koji rade u frekvencijskom području od 25 MHz do 1000 MHz – Harmonizirana norma za pristup radijskom spektru – 2. dio: Uređaji za širokopolasni prijenos podataka: završni čvor koji radi u dodijeljenim pojasi

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

ISO/IEC 17060:2022 en
Conformity assessment – Code of good practice
Ocjenjivanje sukladnosti – Kodeks dobre prakse

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

FprCEN/TS 927-9 en
Paints and varnishes – Coating materials and coating systems for exterior wood – Part 9: Determination of pull-off strength after water exposure
Boje i lakovi – Prekrivni materijali i prekrivni sustavi za drvo izloženo vanjskim utjecajima – 9. dio: Određivanje prionjivosti nakon izlaganja vodi

prEN 13523-23 en
Coil coated metals – Test methods – Part 23: Resistance to humid atmospheres containing sulfur dioxide
Prevučeni metali u namotajima – Metode ispitivanja – 23. dio: Otpornost na vlažnu atmosferu koja sadrži sumporov dioksid

prEN ISO 22916 en
Microfluidic devices – Interoperability requirements for dimensions, connections and initial device classification (ISO 22916:2022)
Mikrofluidni uređaji – Zahtjevi kompatibilnosti za dimenzije, veze i početnu klasifikaciju uređaja (ISO 22916:2022)

prEN ISO/ASTM 52910 en
Additive manufacturing – Design – Requirements, guidelines and recommendations (ISO/ASTM DIS 52910:2022)
Aдитivna proizvodnja – Dizajn – Zahtjevi, smjernice i preporuke (ISO/ASTM DIS 52910:2022)

HZN/TU I2, Strojarstvo 2

prEN ISO 8769 en
Measurement of radioactivity – Alpha-, beta- and photon emitting radionuclides – Reference measurement standard specifications for the calibration of surface contamination monitors (ISO 8769:2020)
Mjerenje radioaktivnosti – Radionuklidi koji emitiraju alfa i beta čestice i fotone – Standardne specifikacije referentnih mjerenja za kalibraciju monitora površinske kontaminacije (ISO 8769:2020)

prEN ISO 9978 en
Radiation protection – Sealed sources – Leakage test methods (ISO 9978:2020)
Zaštita od zračenja – Zatvoreni izvori – Metode ispitivanja popuštanja (ISO 9978:2020)

prEN ISO 13304-1 en

Radiological protection – Minimum criteria for electron paramagnetic resonance (EPR) spectroscopy for retrospective dosimetry of ionizing radiation – Part 1: General principles (ISO 13304-1:2020)
Radiološka zaštita – Minimalni kriteriji za spektroskopiju elektronske paramagnetne rezonancije (EPR) za retrospektivnu dozimetriju ionizirajućeg zračenja – 1. dio: Opća načela (ISO 13304-1:2020)

prEN ISO 13304-2 en

Radiological protection – Minimum criteria for electron paramagnetic resonance (EPR) spectroscopy for retrospective dosimetry of ionizing radiation – Part 2: Ex vivo human tooth enamel dosimetry (ISO 13304-2:2020)
Radiološka zaštita – Minimalni kriteriji za spektroskopiju elektronske paramagnetne rezonancije (EPR) za retrospektivnu dozimetriju ionizirajućeg zračenja – 2. dio: Ex vivo dozimetrija ljudske zubne cakline (ISO 13304-2:2020)

prEN ISO 16640 en

Monitoring radioactive gases in effluents from facilities producing positron emitting radionuclides and radiopharmaceuticals (ISO 16640:2021)
Praćenje radioaktivnih plinova u otpadnim vodama iz postrojenja koja proizvode radionuklide koji emitiraju pozitron i radiofarmaceutike (ISO 16640:2021)

prEN 17206-2 en

Entertainment technology – Machinery for stages and other production areas – Part 2: Safety requirements for stands and truss lifts of stands
Tehnologija za industriju zabave – Scenska i studijska oprema i ostala slična oprema – 2. dio: Sigurnosni zahtjevi za tribine i nosače tribina

prEN ISO 23133 en

Nuclear criticality safety – Nuclear criticality safety training for operations (ISO 23133:2021)
Sigurnost s obzirom na nuklearnu kritičnost – Obuka o sigurnost s obzirom na nuklearnu kritičnost za operacije (ISO 23133:2021)

HZN/TU N1, Nemetalni materijali 1

prEN ISO 20501 en

Fine ceramics (advanced ceramics, advanced technical ceramics) – Weibull statistics for strength data (ISO 20501:2019)

prEN ISO 20504 en

Fine ceramics (advanced ceramics, advanced technical ceramics) – Mechanical properties of ceramic composites at room temperature – Determination of compressive properties (ISO/FDIS 20504:2022)

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

prEN ISO 14356 en

Dentistry – Duplicating material (ISO/DIS 14356:2022)
Stomatologija – Materijal za dupliciranje (ISO/DIS 14356:2022)

prEN ISO 18675 en

Dentistry – Machinable ceramic blanks (ISO 18675:2022)
Stomatologija – Strojno obradivi keramički blokovi za izradu restauracija (ISO 18675:2022)

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

prEN 415-7 en

Safety of packaging machines – Part 7: Cartoning and case packing machines
Sigurnost strojeva za pakiranje – 7. dio: Strojevi za skupno i sekundarno pakiranje

prEN 4886 en

Aerospace series – Rotorcraft life raft – Requirements, testing and marking

prEN 4905 en

Aerospace series – Passive UHF RFID for airborne use

prEN 4906 en

Aerospace series – Embedded tags – Choice of fixation for installation, removal and replacement of embedded tags

prEN 16603-20-08 en

Space engineering – Photovoltaic assemblies and components
Svemirsko inženjerstvo – Fotonaponski sklopovi i dijelovi

HZN/TU V1, Elektronika 1

prEN 50289-1-2 en

Communication cables – Specifications for test methods – Part 1-2: Electrical test methods – DC resistance
Komunikacijski kabeli – Specifikacije za metode ispitivanja – Dio 1-2: Metode električnih ispitivanja – Otpor za istosmjernu struju

prEN IEC 61189-2-809:2022 en

Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-809: X/Y Coefficient of Thermal Expansion Test (CTE) for Thick Base Materials by TMA (IEC 61189-2-809 ED1)
Metode ispitivanja za električne materijale, tiskane pločice i druge strukture i sklopove za međusobno povezivanje – Dio 2-809: Ispitivanje X/Y koeficijenta toplinskog širenja (CTE) za debele osnovne materijale pomoću termomehaničkog analizatora (TMA) (IEC 61189-2-809 ED1)

prEN IEC 61300-2-34:2022 en

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-34: Tests – Resistance to solvents and contaminating fluids (IEC 61300-2-34 ED3)
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-34: Ispitivanja – Otpornost na otapala i kontaminirajuće tekućine (IEC 61300-2-34 ED3)

prEN IEC 61753-021-02:2022 en

Fibre optic interconnecting devices and passive components – Performance standard – Part 021-02: Single-mode fibre optic connectors terminated as pigtailed and patchcords for category C – Controlled environment (IEC 61753-021-02 ED3)
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 021-02: Jednomodni svjetlovodni konektori povezani kao pletenice i vrpce za kategoriju C – Kontrolirano okruženje (IEC 61753-021-02 ED3)

prEN IEC 61753-021-06:2022 en

Fibre optic interconnecting devices and passive components – Performance standard – Part 021-06: Single-mode fibre optic connectors terminated as pigtailed and patchcords for category OP+ – Extended outdoor protected environment (IEC 61753-021-06 ED2)
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 021-06: Jednomodni svjetlovodni konektori povezani kao pletenice i vrpce za kategoriju OP+ – Prošireno vanjsko zaštićeno okruženje (IEC 61753-021-06 ED2)

prEN IEC 61753-081-03:2022 en

Fibre optic interconnecting devices and passive components – Performance standard – Part 081-03: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP – Outdoor protected environment (IEC 61753-081-03 ED1)
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 081-03: Jednomodni svjetlovodni uređaji srednje veličine 1 x N DWDM koji nisu opremljeni konektorima za kategoriju OP – Zaštićeno vanjsko okruženje (IEC 61753-081-03 ED1)

prEN IEC 61753-081-06:2022 en

Fibre optic interconnecting devices and passive components – Performance standard – Part 081-06: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP+ – Extended outdoor protected environment (IEC 61753-081-06 ED1)
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Izvedbena norma – Dio 081-06: Jednomodni svjetlovodni uređaji srednje veličine 1 x N DWDM koji nisu opremljeni konektorima za kategoriju OP+ – Prošireno zaštićeno vanjsko okruženje (IEC 61753-081-06 ED1)

HZN/TU W1, Energetska elektrotehnika 1

prEN IEC 61820-3-4:2022 en

Electrical installations for lighting and beaconing of aerodromes – Safety secondary circuits in series circuits – General safety requirements (IEC 61820-3-4 ED1)
Električne instalacije za osvjetljavanje i označavanje uzletišta – Sigurnosni sekundarni strujni krugovi u serijskim strujnim krugovima – Opći zahtjevi za sigurnost (IEC 61820-3-4 ED1)

prEN IEC 62841-3-15:2022 en

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-15: Particular requirements for transportable magnetic drills (IEC 62841-3-15 ED1)
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-15: Posebni zahtjevi za prijenosne magnetske bušilice (IEC 62841-3-15 ED1)

prEN IEC 62841-3-15/prAA en

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-15: Particular requirements for transportable magnetic drills
Ručni elektromotorni alati, prijenosni alati i mehanizacija za travnjake i vrtove – Sigurnost – Dio 3-15: Posebni zahtjevi za prijenosne magnetske bušilice

prEN IEC 63086-2-1:2022 en

Household and similar electrical air cleaning appliances – Methods for measuring the performance – Part 2-1: Particular requirements for determination of reduction of particles (IEC 63086-2-1 ED1)
Kućanski i slični električni aparati za pročišćavanje zraka – Metode za mjerenje značajki – Dio 2-1: Posebni zahtjevi za određivanje smanjenja broja čestica (IEC 63086-2-1 ED1)

prEN IEC 63118:2022 en

12V Lithium-ion Secondary Battery for Automotive Starting, Lighting, Ignition (SLI) Applications and Auxiliary purposes Part 1 – General requirements and methods of test (IEC 63118 ED1)
Litij-ionske sekundarne baterije 12V za pokretanje, osvjetljenje, paljenje (SLI) i pomoćne svrhe – 1. dio: Opći zahtjevi i metode ispitivanja (IEC 63118 ED1)

1.4 Povučene hrvatske norme

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

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

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

HRN EN ISO 5270:2012 en

Pulpe – Laboratorijski listovi – Određivanje fizikalnih svojstava (ISO 5270:2012; EN ISO 5270:2012)
Pulps – Laboratory sheets – Determination of physical properties (ISO 5270:2012; EN ISO 5270:2012)
- zamijenjena s: HRN EN ISO 5270:2022

HZN/TO 22, *Cestovna vozila*

HRN ISO 13442:2005 en

Gume i naplatci za građevinske strojeve (ISO 13442:2004)
Tyres and rims for construction machines (ISO 13442:2004)
- zamijenjena s: HRN ISO 18808:2022

HZN/TO 54, *Eterična ulja*

HRN ISO 3756:2005 en

Ulje kubebe (ISO 3756:1976)
Oil of cubeb (ISO 3756:1976)
- bez zamjene

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

HRN EN 14511-1:2018 en

Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline za grijanje i hlađenje prostora te procesni rashladnici s kompresorima na električni pogon – 1. dio: Nazivi i definicije (EN 14511-1:2018)
Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors – Part 1: Terms and definitions (EN 14511-1:2018)
- zamijenjena s: HRN EN 14511-1:2022

HRN EN 14511-2:2018 en

Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline za grijanje i hlađenje prostora te procesni rashladnici s kompresorima na električni pogon – 2. dio: Uvjeti ispitivanja (EN 14511-2:2018)
Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors – Part 2: Test conditions (EN 14511-2:2018)
- zamijenjena s: HRN EN 14511-2:2022

HRN EN 14511-3:2018 en

Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline za grijanje i hlađenje prostora te procesni rashladnici s kompresorima na električni pogon – 3. dio: Metode ispitivanja (EN 14511-3:2018)
Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors – Part 3: Test methods (EN 14511-3:2018)
- zamijenjena s: HRN EN 14511-3:2022

HRN EN 14511-4:2018 en

Klimatizacijski uređaji, rashladnici kapljevina i dizalice topline za grijanje i hlađenje prostora te procesni rashladnici s kompresorima na električni pogon – 4. dio: Zahtjevi (EN 14511-4:2018)
Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors – Part 4: Requirements (EN 14511-4:2018)
- zamijenjena s: HRN EN 14511-4:2022

HZN/TO 92, Zaštita od požara

HRN EN 13823:2020 en
Ispitivanja reakcije na požar građevnih proizvoda – Građevni proizvodi osim podnih obloga izloženi termičkom opterećenju pojedinačno gorućeg elementa (EN 13823:2020)
Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item (EN 13823:2020)
- zamijenjena s: HRN EN 13823:2022

HZN/TO 120, Koža i obuća

HRN EN ISO 17072-2:2019 en
Koža – Kemijsko određivanje sadržaja metala – 2. dio: Ukupan sadržaj metala (ISO 17072-2:2019; EN ISO 17072-2:2019)
Leather – Chemical determination of metal content – Part 2: Total metal content (ISO 17072-2:2019; EN ISO 17072-2:2019)
- zamijenjena s: HRN EN ISO 17072-2:2022

HZN/TO 126, Duhan i duhanski proizvodi

HRN ISO 16055:2020 en
Duhan i duhanski proizvodi – Etalonska cigareta – Zahtjevi i upotreba (ISO 16055:2019)
Tobacco and tobacco products – Monitor test piece – Requirements and use (ISO 16055:2019)
- zamijenjena s: HRN ISO 16055:2022

HRN ISO 16632:2013 en
Duhan i duhanski proizvodi – Određivanje sadržaja vode – Metoda plinske kromatografije (ISO 16632:2013)
Tobacco and tobacco products – Determination of water content – Gas-chromatographic method (ISO 16632:2013)
- zamijenjena s: HRN ISO 16632:2022

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 15749:2010 en
Gnojiva – Određivanje sadržaja sulfata primjenom tri različite metode (EN 15749:2009)
Fertilizers – Determination of sulfates content using three different methods (EN 15749:2009)
- zamijenjena s: HRN EN 15749:2022

HZN/TO 163, Toplinska izolacija

HRN EN 822:2013 en
Toplinsko-izolacijski proizvodi za graditeljstvo – Određivanje duljine i širine (EN 822:2013)
Thermal insulating products for building applications – Determination of length and width (EN 822:2013)
- zamijenjena s: HRN EN ISO 29465:2022

HRN EN 825:2013 en
Toplinsko-izolacijski proizvodi za graditeljstvo – Određivanje ravnosti (EN 825:2013)
Thermal insulating products for building applications – Determination of flatness (EN 825:2013)
- zamijenjena s: HRN EN ISO 29468:2022

HRN EN 12431:2013 en
Toplinsko-izolacijski proizvodi za graditeljstvo – Određivanje debljine izolacijskih proizvoda za plivajuće podove (EN 12431:2013)
Thermal insulating products for building applications – Determination of thickness for floating floor insulating products (EN 12431:2013)
- zamijenjena s: HRN EN ISO 29770:2022

HRN EN 13467:2018 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje dimenzija, pravokutnosti i linearnosti predgotovljene izolacije za cijevi (EN 13467:2018)
Thermal insulating products for building equipment and industrial installations – Determination of dimensions, squareness and linearity of preformed pipe insulation (EN 13467:2018)
- zamijenjena s: HRN EN ISO 12628:2022

HRN EN 13468:2002 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje količine u vodi topljivih kloridnih, fluoridnih, silikatnih, natrijevih iona i pH vrijednosti (EN 13468:2001)
Thermal insulating products for building equipment and industrial installations – Determination of trace quantities of water soluble chloride, fluoride, silicate, and sodium ions and pH (EN 13468:2001)
- zamijenjena s: HRN EN ISO 12624:2022

HRN EN 13469:2012 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje svojstava propusnosti vodene pare predgotovljene izolacije za cijev (EN 13469:2012)
Thermal insulating products for building equipment and industrial installations – Determination of water vapour transmission properties of preformed pipe insulation (EN 13469:2012)
- zamijenjena s: HRN EN ISO 12629:2022

HRN EN 13470:2002 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje prividne gustoće predgotovljene izolacije za cijevi (EN 13470:2001)
Thermal insulating products for building equipment and industrial installations – Determination of the apparent density of preformed pipe insulation (EN 13470:2001)
- zamijenjena s: HRN EN ISO 18098:2022

HRN EN 13471:2002 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje koeficijenta toplinskog izduženja (EN 13471:2001)
Thermal insulating products for building equipment and industrial installations – Determination of the coefficient of thermal expansion (EN 13471:2001)
- zamijenjena s: HRN EN ISO 18099:2022

HRN EN 13472:2012 en
Toplinsko-izolacijski proizvodi za opremu zgrada i industrijske instalacije – Određivanje vodopojnosti kod kratkotrajnog djelomičnog uranjanja predgotovljene izolacije za cijevi (EN 13472:2012)
Thermal insulating products for building equipment and industrial installations – Determination of short term water absorption by partial immersion of preformed pipe insulation (EN 13472:2012)
- zamijenjena s: HRN EN ISO 12623:2022

HRN EN 14706:2012 en
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje najviše dozvoljene temperature uporabe (EN 14706:2012)
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature (EN 14706:2012)
- zamijenjena s: HRN EN ISO 18097:2022

HRN EN 14707:2012 en
Toplinsko-izolacijski proizvodi za instalacije u zgradama i u industriji – Određivanje najviše dozvoljene temperature uporabe za predgotovljene izolacije cjevovoda (EN 14707:2012)
Thermal insulating products for building equipment and industrial installations – Determination of maximum service temperature for preformed pipe insulation (EN 14707:2012)
- zamijenjena s: HRN EN ISO 18096:2022

HZN/TO 301, Upravljanje energijom i ušteda energije

HRN EN 16247-1:2013 en
Energijski audit – 1. dio: Opći zahtjevi (EN 16247-1:2012)
Energy audits – Part 1: General requirements (EN 16247-1:2012)
- zamijenjena s: HRN EN 16247-1:2022

HRN EN 16247-2:2014 en
Energijski audit – 2. dio: Zgrade (EN 16247-2:2014)
Energy audits – Part 2: Buildings (EN 16247-2:2014)
- zamijenjena s: HRN EN 16247-2:2022

HRN EN 16247-3:2014 en
Energijski audit – 3. dio: Procesi (EN 16247-3:2014)
Energy audits – Part 3: Processes (EN 16247-3:2014)
- zamijenjena s: HRN EN 16247-3:2022

HRN EN 16247-4:2014 en
Energijski audit – 4. dio: Prijevoz (EN 16247-4:2014)
Energy audits – Part 4: Transport (EN 16247-4:2014)
- zamijenjena s: HRN EN 16247-4:2022

HZN/TO 502, Plinski uređaji

HRN EN 13203-2:2018 en
Kućanski plinski uređaji za grijanje vode – 2. dio: Ocjenjivanje potrošnje energije (EN 13203-2:2018)
Gas-fired domestic appliances producing hot water – Part 2: Assessment of energy consumption (EN 13203-2:2018)
- zamijenjena s: HRN EN 13203-2:2022

HRN EN 13203-3:2012 en
Solarni kućanski plinski uređaji za grijanje vode – Uređaji s nazivnim toplinskim opterećenjem do 70 kW i 500 litara kapaciteta spremnika vode – 3. dio: Procjena potrošnje energije (EN 13203-3:2010)
Solar supported gas-fired domestic appliances producing hot water – Appliances not exceeding 70 kW heat input and 500 litres water storage capacity – Part 3: Assessment of energy consumption (EN 13203-3:2010)
- zamijenjena s: HRN EN 13203-3:2022

HRN EN 13203-4:2016 en
Kućanski plinski uređaji za grijanje vode – 4. dio: Ocjenjivanje potrošnje energije uređaja s kombinacijom plina i električne energije koji proizvode toplu vodu i električnu energiju (EN 13203-4:2016)
Gas-fired domestic appliances producing hot water – Part 4: Assessment of energy consumption of gas combined heat and power appliances (mCHP) producing hot water and electricity (EN 13203-4:2016)
- zamijenjena s: HRN EN 13203-4:2022

HRN EN 13203-5:2019 en
Kućanski plinski uređaji za grijanje vode – 5. dio: Ocjenjivanje potrošnje energije plinskih uređaja kombiniranih s električnom dizalicom topline (EN 13203-5:2018)
Gas-fired domestic appliances producing hot water – Part 5: Assessment of energy consumption of gas fired appliances combined with electrical heat pump (EN 13203-5:2018)
- zamijenjena s: HRN EN 13203-5:2022

HRN EN 13203-6:2020 en
Plinski uređaji za pripremu potrošne tople vode za kućanstva – 6. dio: Ocjenjivanje potrošnje energije adsorpcijskih i apsorpcijskih dizalica topline (EN 13203-6:2018)
Gas-fired domestic appliance producing hot water – Part 6: Assessment of energy consumption of ad-sorption and absorption heat pumps (EN 13203-6:2018)
- zamijenjena s: HRN EN 13203-6:2022

HZN/TO 503, Metalni materijali

HRN EN 10107:2014 en
Čelična elektrotraka i elektrolim usmjerenoga zrna isporučeni u potpuno obrađenom stanju (EN 10107:2014)
Grain-oriented electrical steel strip and sheet delivered in the fully processed state (EN 10107:2014)
- zamijenjena s: HRN EN 10107:2022

HRN EN 10357:2014 en
Austenitne, austenitno-feritne i feritne uzdužno zavarene cijevi od nehrđajućeg čelika za prehrambenu i kemijsku industriju (EN 10357:2013)
Austenitic, austenitic-ferritic and ferritic longitudinally welded stainless steel tubes for the food and chemical industry (EN 10357:2013)
- zamijenjena s: HRN EN 10357:2022

HZN/TO 508, Ambalaža i pakiranje

HRN EN 13045:2009 en
Ambalaža – Savitljive valjkaste plastične tube – Dimenzije i dopuštena odstupanja (EN 13045:2009)
Packaging – Flexible cylindrical plastic tubes – Dimensions and tolerances (EN 13045:2009)
- zamijenjena s: HRN EN 13045:2022

HRN EN ISO 15750-3:2008 en
Ambalaža – Čelične bačve – 3. dio: Sustavi za zatvaranje čeličnih bačava s uprešanom prirubnicom (ISO 15750-3:2002; EN ISO 15750-3:2008)
Packaging – Steel drums – Part 3: Inserted flange-type closure systems (ISO 15750-3:2002; EN ISO 15750-3:2008)
- zamijenjena s: HRN EN ISO 15750-3:2022

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN 1434-1:2018 en
Mjerila toplinske energije – 1. dio: Opći zahtjevi (EN 1434-1:2015+A1:2018)
Thermal energy meters – Part 1: General requirements (EN 1434-1:2015+A1:2018)
- zamijenjena s: HRN EN 1434-1:2022

HRN EN 1434-2:2018 en
Mjerila toplinske energije – 2. dio: Konstrukcijski zahtjevi (EN 1434-2:2015+A1:2018)
Thermal energy meters – Part 2: Constructional requirements (EN 1434-2:2015+A1:2018)
- zamijenjena s: HRN EN 1434-2:2022

HRN EN 1434-4:2018 en
Mjerila toplinske energije – 4. dio: Ispitivanja prilikom odobravanja tipa (EN 1434-4:2015+A1:2018)
Thermal energy meters – Part 4: Pattern approval tests (EN 1434-4:2015+A1:2018)
- zamijenjena s: HRN EN 1434-4:2022

HRN EN 1434-5:2020 en
Mjerila toplinske energije – 5. dio: Ispitivanja prilikom prvog ovjeravanja (EN 1434-5:2015+A1:2019)
Thermal energy meters – Part 5: Initial verification tests (EN 1434-5:2015+A1:2019)
- zamijenjena s: HRN EN 1434-5:2022

HRN EN 1434-6:2020 en
Mjerila toplinske energije – 6. dio: Ugradnja, preuzimanje, nadzor u radu i održavanje (EN 1434-6:2015+A1:2019)
Thermal energy meters – Part 6: Installation, commissioning, operational monitoring and maintenance (EN 1434-6:2015+A1:2019)
- zamijenjena s: HRN EN 1434-6:2022

HZN/TO 528, Oprema za željeznice

HRN EN 12080:2017 en
Željeznički sustav – Kucišta osovinskih ležaja – Kotrljajući ležaji (EN 12080:2017)
Railway applications – Axleboxes – Rolling bearings (EN 12080:2017)
- zamijenjena s: HRN EN 12080:2022

HRN EN 14363:2019 en
Željeznički sustav – Ispitivanje i simulacija za prihvatljivost voznih svojstava željezničkih vozila – Dinamička i statička ispitivanja (EN 14363:2016+A1:2018)
Railway applications – Testing and Simulation for the acceptance of running characteristics of railway vehicles – Running Behaviour and stationary tests (EN 14363:2016+A1:2018)
- zamijenjena s: HRN EN 14363:2022

HRN EN 15020:2011 en
Željeznički sustav – Pomoćno kvačilo – Zahtjevi za radne značajke, posebna utjecajna geometrija i metode ispitivanja (EN 15020:2006+A1:2010)
Railway applications – Rescue coupler – Performance requirements, specific interface geometry and test methods (EN 15020:2006+A1:2010)
- zamijenjena s: HRN EN 15020:2022

HRN EN 15551:2017 en
Željeznički sustav – Željeznička vozila – Odbojnici (EN 15551:2017)
Railway applications – Railway rolling stock – Buffers (EN 15551:2017)
- zamijenjena s: HRN EN 15551:2022

HRN EN 15566:2016 en
Željeznički sustav – Željeznička vozila – Vučni uređaj i vijčano kvačilo (EN 15566:2016)
Railway applications – Railway rolling stock – Draw gear and screw coupling (EN 15566:2016)
- zamijenjena s: HRN EN 15566:2022

HRN EN 16839:2017 en
Željeznički sustav – Željeznička vozila – Raspored opreme na čelnoj gredi vozila (EN 16839:2017)
Railway applications – Rolling stock – Head stock layout (EN 16839:2017)
- zamijenjena s: HRN EN 16839:2022

HZN/TO 531, Plastika i guma

HRN EN 14420-2:2013 en
Crijevni priključci sa stezaljkama – 2. dio: Bočni dijelovi nastavka za crijevo (EN 14420-2:2013)
Hose fittings with clamp units – Part 2: Hose side parts of hose tail (EN 14420-2:2013)
- zamijenjena s: HRN EN 14420-2:2022

HRN EN 14420-4:2013 en
Crijevni priključci sa stezaljkama – 4. dio: Spojevi s prirubnicom (EN 14420-4:2013)
Hose fittings with clamp units – Part 4: Flange connections (EN 14420-4:2013)
- zamijenjena s: HRN EN 14420-4:2022

HRN EN 14420-7:2013 en
Cijevni priključci sa stezaljkama – 7. dio: Spojke za zatvaranje (EN 14420-7:2013)
Hose fittings with clamp units – Part 7: Cam locking couplings (EN 14420-7:2013)
- zamijenjena s: HRN EN 14420-7:2022

HZN/TO 534, Spremnici za teret

HRN EN 13922:2020 en
Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Sustavi za sprečavanje prepunjenosti za tekuća goriva (EN 13922:2020)
Tanks for transport of dangerous goods – Service equipment for tanks – Overfill prevention systems for liquid fuels (EN 13922:2020)
- zamijenjena s: HRN EN 13922:2022

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

HRN EN 13141-8:2014 en
Ventilacija u zgradama – Ispitivanje značajka dijelova/proizvoda za ventilaciju stambenih zgrada – 8. dio: Ispitivanje značajka za beskanalnu dobavnu i otsisnu ventilacijsku opremu (uključujući povrat topline) za sustave prisilne ventilacije namijenjene jednoj prostoriji (EN 13141-8:2014)
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 8: Performance testing of un-ducted mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for a single room (EN 13141-8:2014)
- zamijenjena s: HRN EN 13141-8:2022

HRN EN ISO 16890-2:2016 en
Zračni filtri za opću ventilaciju – 2. dio: Mjerenje frakcijske učinkovitosti i otpora strujanju zraka (ISO 16890-2:2016; EN ISO 16890-2:2016)
Air filters for general ventilation – Part 2: Measurement of fractional efficiency and air flow resistance (ISO 16890-2:2016; EN ISO 16890-2:2016)
- zamijenjena s: HRN EN ISO 16890-2:2022

HRN EN ISO 16890-4:2016 en
Zračni filtri za opću ventilaciju – 4. dio: Metoda kondicioniranja za određivanje minimalne frakcijske učinkovitosti (ISO 16890-4:2016; EN ISO 16890-4:2016)
Air filters for general ventilation – Part 4: Conditioning method to determine the minimum fractional test efficiency (ISO 16890-4:2016; EN ISO 16890-4:2016)
- zamijenjena s: HRN EN ISO 16890-4:2022

HRN EN ISO 29462:2013 en
Ispitivanje učinkovitosti odstranjivanja čestica filtera uređaja i sustava tijekom rada na licu mjesta prema veličini čestica i otpora protoku zraka (ISO 29462:2013; EN ISO 29462:2013)
Field testing of general ventilation filtration devices and systems for in situ removal efficiency by particle size and resistance to airflow (ISO 29462:2013; EN ISO 29462:2013)
- zamijenjena s: HRN EN ISO 29462:2022

HZN/TO 551, Gradnja

HRN EN ISO 12006-3:2016 en
Građenje – Organiziranje informacija o građevinama – 3. dio: Okvir za objektno usmjerene informacije (ISO 12006-3:2007; EN ISO 12006-3:2016)
Building construction – Organization of information about construction works – Part 3: Framework for object-oriented information (ISO 12006-3:2007; EN ISO 12006-3:2016)
- zamijenjena s: HRN EN ISO 12006-3:2022

HRN DIN 18201:1997 de
Tolerancije u graditeljstvu – Pojmovi, načela, primjena, ispitivanje (DIN 18201:1997)
Tolerances in building – Terminology, principles, application, testing (DIN 18201:1997)
- zamijenjena s: HRN DIN 18202:2022

HRN DIN 18202:1997 de
Tolerancije u visokogradnji – Zgrade (DIN 18202:1997)
Dimensional tolerances in building construction – Buildings (DIN 18202:1997)
- zamijenjena s: HRN DIN 18202:2022

HZN/TO 567, Meso, meso peradi, jaja i njihovi proizvodi, ribe, proizvodi ribarstva i akvakultura

HRN ISO 4134:2000 en
Meso i mesni proizvodi – Određivanje količine L-(+)-glutaminske kiseline (Referentna metoda) (ISO 4134:1999)
Meat and meat products – Determination of L-(+)-glutamic acid content (Reference method) (ISO 4134:1999)
- zamijenjena s: HRN ISO 4134:2022

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

HRN EN 1186-3:2004 en
Materijali i predmeti u kontaktu s namirnicama – Plastika – 3. dio: Metode ispitivanja globalne migracije nakon potpunog uranjanja predmeta u vodeni model otopine namirnica (EN 1186-3:2002)
Materials and articles in contact with foodstuffs – Plastics – Part 3: Test methods for overall migration into aqueous food simulants by total immersion (EN 1186-3:2002)
- zamijenjena s: HRN EN 1186-3:2022

HRN EN 1186-5:2004 en
Materijali i predmeti u kontaktu s namirnicama – Plastika – 5. dio: Metode ispitivanja globalne migracije iz pojedinih dodirnih dijelova predmeta u vodeni model otopine namirnica (EN 1186-5:2002)
Materials and articles in contact with foodstuffs – Plastics – Part 5: Test methods for overall migration into aqueous food simulants by cell (EN 1186-5:2002)
- zamijenjena s: HRN EN 1186-3:2022

HRN EN 1186-7:2004 en
Materijali i predmeti u kontaktu s namirnicama – Plastika – 7. dio: Metode ispitivanja globalne migracije iz polimernih lamina oblikovanih u vrećice u vodeni model otopine namirnica (EN 1186-7:2002)
Materials and articles in contact with foodstuffs – Plastics – Part 7: Test methods for overall migration into aqueous food simulants using pouch (EN 1186-7:2002)
- zamijenjena s: HRN EN 1186-3:2022

HRN EN 1186-9:2004 en
Materijali i predmeti u kontaktu s namirnicama – Plastika – 9. dio: Metode ispitivanja globalne migracije predmeta koji su ispunjeni vodenim modelom otopine namirnica (EN 1186-9:2002)
Materials and articles in contact with foodstuffs – Plastics – Part 9: Test methods for overall migration into aqueous food simulants by article filling (EN 1186-9:2002)
- zamijenjena s: HRN EN 1186-3:2022

HRN EN 1186-14:2005 en
Materijali i proizvodi u kontaktu s namirnicama – Plastika – 14. dio: Metode ispitivanja za «zamjenska ispitivanja» globalne migracije u plastici koja dolazi u dodir s masnim namirnicama upotrebljavajući za ispitivanje iso-oktan i 95 % etanol (EN 1186-14:2002)
Materials and articles in contact with foodstuffs – Plastics – Part 14: Test methods for „substitute tests“ for overall migration from plastics intended to come into contact with fatty foodstuffs using test media iso-octane and 95 % ethanol (EN 1186-14:2002)
- zamijenjena s: HRN EN 1186-3:2022

HRN EN 1186-15:2005 en
Materijali i proizvodi u kontaktu s namirnicama – Plastika – 15. dio: Alternativne metode ispitivanja migracije u model otopine masti pomoću brze ekstrakcije u iso-oktan i/ili 95 % etanol (EN 1186-15:2002)
Materials and articles in contact with foodstuffs – Plastics – Part 15: Alternative test methods to migration into fatty food simulants by rapid extraction into iso-octane and/or 95 % ethanol (EN 1186-15:2002)
- zamijenjena s: HRN EN 1186-3:2022

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

HRN EN ISO 23611-4:2011 en
Kvaliteta tla – Uzorkovanje beskralježnjaka u tlu – 4. dio: Uzorkovanje, izdvajanje i identifikacija slobodno živućih nematoda (ISO 23611-4:2007; EN ISO 23611-4:2011)
Soil quality – Sampling of soil invertebrates – Part 4: Sampling, extraction and identification of soil-inhabiting nematodes (ISO 23611-4:2007; EN ISO 23611-4:2011)
- zamijenjena s: HRN EN ISO 23611-4:2022

HZN/TO 579, Robotika, sustavi automatizacije i integracije

HRN ISO 10303-1:2005 en

Sustavi industrijske automatizacije i integracija – Prikaz i razmjena podataka o proizvodu – 1. dio: Pregled i osnovna načela (ISO 10303-1:1994)
Industrial automation systems and integration – Product data representation and exchange – Part 1: Overview and fundamental principles (ISO 10303-1:1994)
- zamijenjena s: HRN ISO 10303-1:2022

HZN/TO E2, Rotacijski strojevi

HRN EN 60276:2008 en

Definicije i nomenklatura ugljenih četkica, držača četkica, komutatora i kliznih koluta (IEC 60276:1968+am1:1987; EN 60276:1996)
Definitions and nomenclature for carbon brushes, brush-holders, commutators and slip-rings (IEC 60276:1968+am1:1987; EN 60276:1996)
- zamijenjena s: HRN EN IEC 60276:2019

HZN/TO E11, Nadzemni vodovi

HRN EN 50341-2-20:2015 en

Nadzemni električni vodovi izmjenične struje iznad 1 kV – Dio 2-20: Nacionalni normativni aspekti (NNA) za Estoniju (na temelju EN 50341-1:2012) (EN 50341-2-20:2015)
Overhead electrical lines exceeding AC 1 kV – Part 2-20: National Normative Aspects (NNA) for ESTONIA (based on EN 50341-1:2012) (EN 50341-2-20:2015)
- zamijenjena s: HRN EN 50341-2-20:2021

HZN/TO E14, Energetski transformatori

HRN EN 50216-2:2008 en

Oprema za energetske transformatore i prigušnice – 2. dio: Plinski relej za uljne transformatore i prigušnice s konzervatorom (EN 50216-2:2002+A1:2002)
Power transformer and reactor fittings – Part 2: Gas and oil actuated relay for liquid immersed transformers and reactors with conservator (EN 50216-2:2002+A1:2002)
- zamijenjena s: HRN EN IEC 60076-22-1:2019

HRN EN 50216-3:2008 en

Oprema za energetske transformatore i prigušnice – 3. dio: Zaštitni relej za potpuno zatvorene transformatore i prigušnice napunjene tekućinom bez zračnog jastuka (EN 50216-3:2002+A2:2006)
Power transformer and reactor fittings – Part 3: Protective relay for hermetically sealed liquid-immersed transformers and reactors without gaseous cushion (EN 50216-3:2002+A2:2006)
- zamijenjena s: HRN EN IEC 60076-22-1:2019

HRN EN 50216-6:2008 en

Oprema za energetske transformatore i prigušnice – 6. dio: Oprema za hlađenje – Premjestivi radijatori za uljne transformatore (EN 50216-6:2002)
Power transformer and reactor fittings – Part 6: Cooling equipment – Removable radiators for oil-immersed transformers (EN 50216-6:2002)
- zamijenjena s: HRN EN IEC 60076-22-2:2019

HRN EN 50216-9:2010 en

Oprema za energetske transformatore i prigušnice – 9. dio: Izmjenjivači topline ulje/voda (EN 50216-9:2009)
Power transformer and reactor fittings – Part 9: Oil-to-water heat exchangers (EN 50216-9:2009)
- zamijenjena s: HRN EN IEC 60076-22-4:2019

HRN EN 50216-10:2010 en

Oprema za energetske transformatore i prigušnice – 10. dio: Izmjenjivači topline ulje/zrak (EN 50216-10:2009)
Power transformer and reactor fittings – Part 10: Oil-to-air heat exchangers (EN 50216-10:2009)
- zamijenjena s: HRN EN IEC 60076-22-3:2019

HRN EN 50216-11:2009 en

Oprema za energetske transformatore i prigušnice – 11. dio: Pokazivači temperature ulja i namota (EN 50216-11:2008)
Power transformer and reactor fittings – Part 11: Oil and winding temperature indicators (EN 50216-11:2008)
- zamijenjena s: HRN EN IEC 60076-22-1:2019

HRN EN 50588-1:2017 en

Energetski transformatori srednjih snaga, 50 Hz, najvećeg napona opreme do 36 kV – 1. dio: Opći zahtjevi (EN 50588-1:2017)
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 1: General requirements (EN 50588-1:2017)
- zamijenjena s: HRN EN 50708-1-1:2020

HRN EN 50629:2015 en

Energetske značajke velikih energetskih transformatora najvišeg napona većeg od 36 kV ili nazivne snage veće ili jednake 40 MVA (EN 50629:2015)
Energy performance of large power transformers (Um > 36 kV or Sr ≥ 40 MVA) (EN 50629:2015)
- zamijenjena s: HRN EN 50708-1-1:2020,
HRN EN 50708-3-1:2020

HRN EN 50629:2015/A1:2016 en

Energetske značajke velikih energetskih transformatora najvišeg napona većeg od 36 kV ili nazivne snage veće ili jednake 40 MVA (EN 50629:2015/A1:2016)
Energy performance of large power transformers (Um > 36 kV or Sr ≥ 40 MVA) (EN 50629:2015/A1:2016)
- zamijenjena s: HRN EN 50708-1-1:2020,
HRN EN 50708-3-1:2020

HRN EN 50629:2015/A2:2018 en

Energetske značajke velikih energetskih transformatora najvišeg napona većeg od 36 kV ili nazivne snage veće ili jednake 40 MVA (EN 50629:2015/A2:2018)
Energy performance of large power transformers (Um > 36 kV or Sr ≥ 40 MVA) (EN 50629:2015/A2:2018)
- zamijenjena s: HRN EN 50708-3-1:2020,
HRN EN 50708-1-1:2020

HRN EN 60076-11:2008 en

Energetski transformatori – 11. dio: Suhi transformatori (IEC 60076-11:2004; EN 60076-11:2004)
Power transformers – Part 11: Dry-type transformers (IEC 60076-11:2004; EN 60076-11:2004)
- zamijenjena s: HRN EN IEC 60076-11:2018

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN 50064:2008 en

Kućišta izrađena od aluminija i aluminijskih legura za visokonaponske sklopne aparature punjene plinom (EN 50064:1989+A1:1993)
Wrought aluminium and aluminium alloy enclosures for gas-filled high-voltage switchgear and controlgear (EN 50064:1989+A1:1993)
- bez zamjene

HRN EN 50068:2008 en

Kućišta izrađena od čelika za visokonaponske sklopne aparature punjene plinom (EN 50068:1991+A1:1993)
Wrought steel enclosures for gas-filled high-voltage switchgear and controlgear (EN 50068:1991+A1:1993)
- zamijenjena s: HRN EN 50068:2018

HRN EN 50068:2008/Ispr.1:2014 en

Kućišta izrađena od čelika za visokonaponske sklopne aparature punjene plinom (EN 50068:1991/AC:2007)
Wrought steel enclosures for gas-filled high-voltage switchgear and controlgear (EN 50068:1991/AC:2007)
- zamijenjena s: HRN EN 50068:2018

HRN EN 50069:2008 en

Zavarena kompozitna kućišta od odljevaka aluminijskih legura za visokonaponske sklopne aparature punjene plinom (EN 50069:1991+A1:1993)
Welded composite enclosures of cast and wrought aluminium alloys for gas-filled high-voltage switchgear and controlgear (EN 50069:1991+A1:1993)
- zamijenjena s: HRN EN 50069:2018

HRN EN 50069:2008/Ispr.1:2014 en

Zavarena kompozitna kućišta od odljevaka aluminijskih legura za visokonaponske sklopne aparature punjene plinom (EN 50069:1991/AC:2007)
Welded composite enclosures of cast and wrought aluminium alloys for gas-filled high-voltage switchgear and controlgear (EN 50069:1991/AC:2007)
- zamijenjena s: HRN EN 50069:2018

- HRN EN 60947-4-1:2010 en
Niskonaponska sklopna aparatura – Dio 4-1: Sklopnici i motorski pokretači – Elektromehanički sklopnici i motorski pokretači (IEC 60947-4-1:2009; EN 60947-4-1:2010)
Low voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters (IEC 60947-4-1:2009; EN 60947-4-1:2010)
- zamijenjena s: HRN EN IEC 60947-4-1:2019
- HRN EN 60947-4-1:2010/A1:2013 en
Niskonaponska sklopna aparatura – Dio 4-1: Sklopnici i motorski pokretači – Elektromehanički sklopnici i motorski pokretači (IEC 60947-4-1:2009/am1:2012; EN 60947-4-1:2010/A1:2012)
Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters (IEC 60947-4-1:2009/am1:2012; EN 60947-4-1:2010/A1:2012)
- zamijenjena s: HRN EN IEC 60947-4-1:2019
- HRN EN 60947-7-4:2014 en
Niskonaponska sklopna aparatura – Dio 7-4: Pomoćna oprema – PCB redne stezaljke za bakrene vodiče (IEC 60947-7-4:2013; EN 60947-7-4:2013)
Low-voltage switchgear and controlgear – Part 7-4: Ancillary equipment – PCB terminal blocks for copper conductors (IEC 60947-7-4:2013; EN 60947-7-4:2013)
- zamijenjena s: HRN EN 60947-7-4:2019
- HRN EN 62026-1:2008 en
Niskonaponska sklopna aparatura – Sučelja između upravljačkih i periferijskih uređaja – 1. dio: Opća pravila (IEC 62026-1:2007; EN 62026-1:2007)
Low-voltage switchgear and controlgear – Controller-device interfaces (CDIs) – Part 1: General rules (IEC 62026-1:2007; EN 62026-1:2007)
- zamijenjena s: HRN EN IEC 62026-1:2019
- HRN EN 62271-102:2005 en
Visokonaponska sklopna aparatura – 102. dio: Visokonaponski rastavljači i zemljospojnici izmjenične struje (IEC 62271-102:2001+Corr.1:2002; EN 62271-102:2002)
High-voltage switchgear and controlgear – Part 102: High-voltage alternating current disconnectors and earthing switches (IEC 62271-102:2001+Corr.1:2002; EN 62271-102:2002)
- zamijenjena s: HRN EN IEC 62271-102:2018
- HRN EN 62271-102:2005/A1:2012 en
Visokonaponska sklopna aparatura – 102. dio: Visokonaponski rastavljači i zemljospojnici izmjenične struje (IEC 62271-102:2001/am1:2011; EN 62271-102:2002/A1:2011)
High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (IEC 62271-102:2001/am1:2011; EN 62271-102:2002/A1:2011)
- zamijenjena s: HRN EN IEC 62271-102:2018
- HRN EN 62271-102:2005/A2:2013 en
Visokonaponska sklopna aparatura – 102. dio: Visokonaponski rastavljači i zemljospojnici izmjenične struje (IEC 62271-102:2001/am2:2013; EN 62271-102:2002/A2:2013)
High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (IEC 62271-102:2001/am2:2013; EN 62271-102:2002/A2:2013)
- zamijenjena s: HRN EN IEC 62271-102:2018
- HRN EN 62271-102:2005/Ispr.1:2014 en
Visokonaponska sklopna aparatura – 102. dio: Visokonaponski rastavljači i zemljospojnici izmjenične struje (EN 62271-102:2002/AC:2005)
High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (EN 62271-102:2002/AC:2005)
- zamijenjena s: HRN EN IEC 62271-102:2018
- HRN EN 62271-102:2005/Ispr.2:2014 en
Visokonaponska sklopna aparatura – 102. dio: Visokonaponski rastavljači i zemljospojnici izmjenične struje (EN 62271-102:2002/AC:2014)
High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (EN 62271-102:2002/AC:2014)
- zamijenjena s: HRN EN IEC 62271-102:2018
- HRN EN 62271-107:2013 en
Visokonaponska sklopna aparatura – 107. dio: Osigurač sklopke izmjenične struje za nazivne napone iznad 1 kV do uključujući 52 kV (IEC 62271-107:2012; EN 62271-107:2012)
High-voltage switchgear and controlgear – Part 107: Alternating current fused circuit-switchers for rated voltages above 1 kV up to and including 52 kV (IEC 62271-107:2012; EN 62271-107:2012)
- zamijenjena s: HRN EN IEC 62271-107:2019
- HRN EN 62271-109:2010 en
Visokonaponska sklopna aparatura – 109. dio: Sklopke izmjenične struje za premoštenje serijskog kondenzatora (IEC 62271-109:2008; EN 62271-109:2009)
High-voltage switchgear and controlgear – Part 109: Alternating-current series capacitor by-pass switches (IEC 62271-109:2008; EN 62271-109:2009)
- zamijenjena s: HRN EN IEC 62271-109:2019
- HRN EN 62271-109:2010/A1:2013 en
Visokonaponska sklopna aparatura – 109. dio: Sklopke izmjenične struje za premoštenje serijskog kondenzatora (IEC 62271-109:2008/am1:2013; EN 62271-109:2009/A1:2013)
High-voltage switchgear and controlgear – Part 109: Alternating-current series capacitor by-pass switches (IEC 62271-109:2008/am1:2013; EN 62271-109:2009/A1:2013)
- zamijenjena s: HRN EN IEC 62271-109:2019
- HRN EN 62271-201:2008/Ispr.1:2014 en
Visokonaponska sklopna aparatura – 201. dio: Sklopna aparatura izmjenične struje s krutim izolacijskim plaštem za nazivne napone iznad 1 kV do uključujući 52 kV (EN 62271-201:2006/AC:2006)
High-voltage switchgear and controlgear – Part 201: AC insulation-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (EN 62271-201:2006/AC:2006)
- zamijenjena s: HRN EN 62271-201:2014
- HRN EN 62271-209:2008 en
Visokonaponska sklopna aparatura – 209. dio: Kabelski spojevi za plinom izolirane, metalom oklopljene sklopne blokove za nazivne napone iznad 52 kV – Kabelski završeci ispunjeni tekućim medijem i kabelski završeci suhog tipa (IEC 62271-209:2007; EN 62271-209:2007)
High-voltage switchgear and controlgear – Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV – Fluid-filled and extruded insulation cables – Fluid-filled and dry-type cable-terminations (IEC 62271-209:2007; EN 62271-209:2007)
- zamijenjena s: HRN EN 62271-209:2019
- HRN EN 62683:2016 en
Niskonaponska sklopna aparatura – Strukture podataka za elektroničku razmjenu informacija o svojstvima proizvoda (IEC 62683:2015; EN 62683:2015)
Low-voltage switchgear and controlgear – Product data and properties for information exchange (IEC 62683:2015; EN 62683:2015)
- zamijenjena s: HRN EN 62683-1:2017

HZN/TO E22, Energetska elektronika

- HRN EN 60633:2004 en
Nazivlje u području prijenosa istosmjernom strujom visokog napona (HVDC) (IEC 60633:1998; EN 60633:1999)
Terminology for high-voltage direct current (HVDC) transmission (IEC 60633:1998; EN 60633:1999)
- zamijenjena s: HRN EN IEC 60633:2019
- HRN EN 60633:2004/A1:2010 en
Nazivlje u području prijenosa istosmjernom strujom visokog napona (HVDC) (IEC 60633:1998/am1:2009; EN 60633:1999/A1:2009)
Terminology for high-voltage direct current (HVDC) transmission (IEC 60633:1998/am1:2009; EN 60633:1999/A1:2009)
- zamijenjena s: HRN EN IEC 60633:2019
- HRN EN 60633:2004/A2:2015 en
Nazivlje u području prijenosa istosmjernom strujom visokog napona (HVDC) (IEC 60633:1998/A2:2015; EN 60633:1999/A2:2015)
Terminology for high-voltage direct current (HVDC) transmission (IEC 60633:1998/A2:2015; EN 60633:1999/A2:2015)
- zamijenjena s: HRN EN IEC 60633:2019
- HRN EN 62040-1:2010 en
Energetski sustavi neprekidnog napajanja (UPS) – 1. dio: Opći zahtjevi i zahtjevi na sigurnost za sustave neprekidnog napajanja (IEC 62040-1:2008+Corr.1:2008; EN 62040-1:2008)
Uninterruptible power systems (UPS) – Part 1: General and safety requirements for UPS (IEC 62040-1:2008+Corr.1:2008; EN 62040-1:2008)
- zamijenjena s: HRN EN IEC 62040-1:2019

HRN EN 62040-1:2010/A1:2013 en
Energetski sustavi neprekidnog napajanja (UPS) – 1. dio: Opći zahtjevi i zahtjevi na sigurnost za sustave neprekidnog napajanja (IEC 62040-1:2008/am1:2013; EN 62040-1:2008/A1:2013)
Uninterruptible power systems (UPS) – Part 1: General and safety requirements for UPS (IEC 62040-1:2008/am1:2013; EN 62040-1:2008/A1:2013)
- zamijenjena s: HRN EN IEC 62040-1:2019

HRN EN 62040-1:2010/Ispr.1:2014 en
Energetski sustavi neprekidnog napajanja (UPS) – 1. dio: Opći zahtjevi i zahtjevi na sigurnost za sustave neprekidnog napajanja (EN 62040-1:2008/AC:2009)
Uninterruptible power systems (UPS) – Part 1: General and safety requirements for UPS (EN 62040-1:2008/AC:2009)
- zamijenjena s: HRN EN IEC 62040-1:2019

HZN/TO E23, Električni instalacijski pribor

HRN EN 60309-1/A1:2007/Ispr.1:2014 en
Utični pribor za industrijske svrhe – 1. dio: Opći zahtjevi (IEC 60309-1:1999/am1:2005/Corr.1:2014; EN 60309-1:1999/A1:2007/AC:2014)
Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements (IEC 60309-1:1999/am1:2005/Corr.1:2014; EN 60309-1:1999/A1:2007/AC:2014)
- bez zamjene

HRN EN 60320-2-2:2002 en
Aparatni utični pribor za kućanstvo i slične opće svrhe – Dio 2-2: Spojnice za kućanstvo i sličnu opremu (IEC 60320-2-2:1998; EN 60320-2-2:1998)
Appliance couplers for household and similar general purposes – Part 2-2: Interconnection couplers for household and similar equipment (IEC 60320-2-2:1998; EN 60320-2-2:1998)
- bez zamjene

HRN EN 61020-1:2010 en
Elektromehaničke sklopke za uporabu u električnoj i elektroničkoj opremi – 1. dio: Generička specifikacija (IEC 61020-1:2009; EN 61020-1:2009)
Electromechanical switches for use in electrical and electronic equipment – Part 1: Generic specification (IEC 61020-1:2009; EN 61020-1:2009)
- zamijenjena s: HRN EN IEC 61020-1:2019

HRN EN 61058-2-6:2016 en
Sklopke za aparate – Dio 2-6: Posebni zahtjevi za sklopke u elektromotornim ručnim alatima, prijenosnim alatima i mehanizaciji za vrtove i travnjake (IEC 61058-2-6:2016; EN 61058-2-6:2016)
Switches for appliances – Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery (IEC 61058-2-6:2016; EN 61058-2-6:2016)
- zamijenjena s: HRN EN IEC 61058-2-6:2019

HRN EN 196403:2002 en
Prazna tiskanica za detaljnu specifikaciju – Pritisne sklopke – Procjena razine Y (EN 196403:1998)
Blank Detail Specification – Push button switches – Assessment level Y (EN 196403:1998)
- bez zamjene

HZN/TO E31, Eksplozivne atmosfere

HRN EN 50104:2011 en
Električni uređaji za otkrivanje i mjerenje kisika – Zahtjevi za pogonska svojstva i ispitne metode (EN 50104:2010)
Electrical apparatus for the detection and measurement of oxygen – Performance requirements and test methods (EN 50104:2010)
- zamijenjena s: HRN EN 50104:2019

HRN EN 60079-15:2010 en
Eksplozivne atmosfere – 15. dio: Vrsta zaštite opreme zaštićena "n" (IEC 60079-15:2010; EN 60079-15:2010)
Explosive atmospheres – Part 15: Equipment protection by type of protection "n" (IEC 60079-15:2010; EN 60079-15:2010)
- zamijenjena s: HRN EN IEC 60079-15:2019

HRN EN 60079-17:2008 en
Eksplozivne atmosfere – 17. dio: Pregled i održavanje električnih instalacija (IEC 60079-17:2007; EN 60079-17:2007)
Explosive atmospheres – Part 17: Electrical installations inspection and maintenance (IEC 60079-17:2007; EN 60079-17:2007)
- zamijenjena s: HRN EN 60079-17:2014

HRN EN 60079-17:2008/Ispr.1:2014 en
Eksplozivne atmosfere – 17. dio: Pregled i održavanje električnih instalacija (EN 60079-17:2007/AC:2008)
Explosive atmospheres – Part 17: Electrical installations inspection and maintenance (EN 60079-17:2007/AC:2008)
- zamijenjena s: HRN EN 60079-17:2014

HRN EN 60079-20-1:2011 en
Eksplozivne atmosfere – Dio 20-1: Svojstva plinova i para za njihovu klasifikaciju – Ispitne metode i podaci (IEC 60079-20-1:2010; EN 60079-20-1:2010)
Explosive atmospheres – Part 20-1: Material characteristics for gas and vapour classification – Test methods and data (IEC 60079-20-1:2010; EN 60079-20-1:2010)
- bez zamjene

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 60238:2018/A11:2021 en
Grla za žarulje s Edisonvim navojem (EN IEC 60238:2018/A11:2021)
Edison screw lampholders (EN IEC 60238:2018/A11:2021)
- bez zamjene

HRN EN 60598-1:2009 en
Svjetiljke – 1. dio: Opći zahtjevi i ispitivanja (IEC 60598-1:2008, MOD; EN 60598-1:2008)
Luminaires – Part 1: General requirements and tests (IEC 60598-1:2008, MOD; EN 60598-1:2008)
- zamijenjena s: HRN EN 60598-1:2015

HRN EN 60598-1:2009/A11:2012 en
Svjetiljke – 1. dio: Opći zahtjevi i ispitivanja (EN 60598-1:2008/A11:2009)
Luminaires – Part 1: General requirements and tests (EN 60598-1:2008/A11:2009)
- zamijenjena s: HRN EN 60598-1:2015

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRU ISO/IEC Guide 23:2009 en
Metode iskazivanja sukladnosti s normama kod certifikacijskih sustava treće strane (ISO/IEC Guide 23:1982)
Methods of indicating conformity with standards for third-party certification systems (ISO/IEC Guide 23:1982)
- zamijenjena s: HRN EN ISO/IEC 17030:2021

HRU ISO Guide 27:2009 en
Smjernice za popravnu radnju koju treba poduzeti certifikacijsko tijelo u slučaju zlorabe njegovog znaka sukladnost (ISO Guide 27:1983)
Guidelines for corrective action to be taken by a certification body in the event of misuse of its mark of conformity (ISO Guide 27:1983)
- zamijenjena s: HRN EN ISO/IEC 17030:2021

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

HRN EN 12183:2014 en
Invalidska kolica na ručni pogon – Zahtjevi i metode ispitivanja (EN 12183:2014)
Manual wheelchairs – Requirements and test methods (EN 12183:2014)
- zamijenjena s: HRN EN 12183:2022

HRN EN 12184:2014 en
Invalidska kolica na električni pogon, skuteri i njihovi punjači – Zahtjevi i metode ispitivanja (EN 12184:2014)
Electrically powered wheelchairs, scooters and their chargers – Requirements and test methods (EN 12184:2014)
- zamijenjena s: HRN EN 12184:2022

HRN EN ISO 21606:2008 en
Stomatologija – Elastomerni pomoćni proizvodi za upotrebu u ortodontiji (ISO 21606:2007; EN ISO 21606:2007)
Dentistry – Elastomeric auxiliaries for use in orthodontics (ISO 21606:2007; EN ISO 21606:2007)
- zamijenjena s: HRN EN ISO 21606:2022

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

HRN EN 2287:2017 en
Zrakoplovstvo – Čahure izrađene od običnog čelika otpornog na koroziju sa samopodmazujućom površinom – Dimenzije i opterećenja (EN 2287:2017)
Aerospace series – Bushes, plain corrosion resisting steel with self-lubricating liner – Dimensions and loads (EN 2287:2017)
- zamijenjena s: HRN EN 2287:2022

HRN EN 3645-001:2019 en

Zrakoplovstvo – Spojnice, električne, okrugle, sa zaštitnim plaštom za pinove, za spajanje pomoću trostrukog navoja, stalne radne temperature 175 °C ili 200 °C – Dio 001: Tehničke specifikacije (EN 3645-001:2019)

Aerospace series – Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous – Part 001: Technical specification (EN 3645-001:2019)

- zamijenjena s: HRN EN 3645-001:2022

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 E36, Izolatori

U HZN Glasilu 7/2022 povučena je hrvatska norma HRN EN 61952:2014 jer je CENELEC pogreškom povukao europsku normu EN 61952:2008. S obzirom na to da je CENELEC reaktivirao europsku normu, odlučeno je da se reaktivira hrvatska norma HRN EN 61952:2014 te ona ostaje na snazi kao hrvatska norma.

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

- **umjesto**

HRN ISO 7561:2004

Plemenite pečurke (šampinjoni) – Upute za hladno skladištenje i prijevoz u hladnjačama (ISO 7561:1984)
Cultivated mushrooms – Guide to cold storage and refrigerated transport (ISO 7561:1984)

- **treba biti**

HRN ISO 7561:2004

Gljive iz uzgoja – Upute za hladno skladištenje i prijevoz u hladnjačama (ISO 7561:1984)
Cultivated mushrooms – Guide to cold storage and refrigerated transport (ISO 7561:1984)

HZN/TO 529, Dizalice i prenosila neprekidne dobave

- **umjesto**

HRN ISO 4306-1:2014

Granici – Terminološki rječnik – 1. dio: Općenito (ISO 4306-1:2007)
Cranes – Vocabulary – Part 1: General (ISO 4306-1:2007)

- **treba biti**

HRN ISO 4306-1:2014

Dizalice – Terminološki rječnik – 1. dio: Općenito (ISO 4306-1:2007)
Cranes – Vocabulary – Part 1: General (ISO 4306-1:2007)

HZN/TO 531, Plastika i guma

- **umjesto**

HRN EN ISO 8985:2022

Plastika – Etilen/vinil-acetatni (EVAC) plastomerni kopolimeri – Određivanje sadržaja vinil-acetata (ISO 8985:2022; EN ISO 8985:2022)
Plastics – Ethylene/vinyl acetate copolymer (EVAC) thermoplastics – Determination of vinyl acetate content (ISO 8985:2022; EN ISO 8985:2022)

- **treba biti**

HRN EN ISO 8985:2022

Plastika – Etilen/vinil-acetatni (EVAC) plastomerni kopolimeri – Određivanje sadržaja vinil-acetata (ISO 8985:2022; EN ISO 8985:2022)
ispravljena verzija 2022-08; EN ISO 8985:2022)
Plastics – Ethylene/vinyl acetate copolymer (EVAC) thermoplastics – Determination of vinyl acetate content (ISO 8985:2022, **Corrected version 2022-08; EN ISO 8985:2022)**

HZN/TO 534, Spremnici za teret

- **umjesto**

HRN EN ISO 6346:2022

Kontejneri za teret - Kodiranje, identifikacija i označavanje (ISO 6346:2022; EN ISO 6346:2022)
Freight containers - Coding, identification and marking (ISO 6346:2022; EN ISO 6346:2022)

- **treba biti**

HRN EN ISO 6346:2022

Kontejneri za teret - Kodiranje, identifikacija i označavanje (ISO 6346:2022, ispravljena verzija 2022-08; EN ISO 6346:2022)
Freight containers - Coding, identification and marking (ISO 6346:2022, **Corrected version 2022-08; EN ISO 6346:2022)**

HZN/TO E20, Električni kabeli

• umjesto

HRN EN IEC 61238-1-2:2019

Tlačne i mehaničke spojne čahure za energetske kabele – Dio 1-2: Metode ispitivanja i zahtjevi za **tlačne i mehaničke spojne čahure** za energetske kabele za nazivne napone do 1 kV ($U_m = 1,2$ kV), ispitane na izoliranim vodičima (IEC 61238-1-2:2018; EN IEC 61238-1-2:2019)

Compression and mechanical connectors for power cables – Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV ($U_m = 1,2$ kV) tested on insulated conductors (IEC 61238-1-2:2018; EN IEC 61238-1-2:2019)

• treba biti

HRN EN IEC 61238-1-2:2019

Tlačne i mehaničke spojne čahure za energetske kabele – Dio 1-2: Metode ispitivanja i zahtjevi za **stezaljke za probijanje izolacije** za energetske kabele za nazivne napone do 1 kV ($U_m = 1,2$ kV), ispitane na izoliranim vodičima (IEC 61238-1-2:2018; EN IEC 61238-1-2:2019)

Compression and mechanical connectors for power cables – Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV ($U_m = 1,2$ kV) tested on insulated conductors (IEC 61238-1-2:2018; EN IEC 61238-1-2:2019)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

• umjesto

HRN EN 60061-1:2008

Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969, MOD+IEC 60061-1L:1987, MOD+IEC 60061-1N:1992, MOD+IEC 60061-1P:1994+IEC 60061-1Q:1994+IEC 60061-1R:1995+IEC 60061-1S:1996+IEC 60061-1T:1996

+IEC 60061-1U:1996+IEC 60061-1V:1997+am21:1998+am22:1999+am23:1999+am24:2000+am25:2001+am26:2001+am27:2001+am28:2002+am29:2002+am30:2002+am31:2003+am32:2003+am33:2003; EN 60061-1:1993+A1:1995+A2:1995+A3:1995+A4:1996+A5:1996+A6:1996+A7:1997+A21:1998+A22:1999+A23:1999+A24:2000+A25:2001+A26:2001+A27:2001+A28:2002+A29:2002+A30:2002+A31:2003+A32:2003+A33:2003)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969, MOD+IEC 60061-1L:1987, MOD+IEC 60061-1N:1992, MOD+IEC 60061-1P:1994+IEC 60061-1Q:1994+IEC 60061-1R:1995+IEC 60061-1S:1996+IEC 60061-1T:1996+IEC 60061-1U:1996+IEC 60061-1V:1997+am21:1998+am22:1999+am23:1999+am24:2000+am25:2001+am26:2001+am27:2001+am28:2002+am29:2002+am30:2002+am31:2003+am32:2003+am33:2003; EN 60061-1:1993+A1:1995+A2:1995+A3:1995+A4:1996+A5:1996+A6:1996+A7:1997+A21:1998+A22:1999+A23:1999+A24:2000+A25:2001+A26:2001+A27:2001+A28:2002+A29:2002+A30:2002+A31:2003+A32:2003+A33:2003)

• treba biti

HRN EN 60061-1:2008

Podnošci i grla za žarulje, granična mjerila za kontrolu zamjenjivosti i sigurnosti – 1. dio: Podnošci za žarulje (IEC 60061-1:1969, MOD+IEC 60061-1L:1987, MOD+IEC 60061-1N:1992, MOD+IEC 60061-1P:1994+IEC 60061-1Q:1994+IEC 60061-1R:1995+IEC 60061-1S:1996+IEC 60061-1T:1996+IEC 60061-1U:1996+IEC 60061-1V:1997

+am21:1998+am22:1999+am23:1999+am24:2000+am25:2001+am26:2001+am28:2002+am29:2002+am30:2002+am31:2003+am32:2003+am33:2003; EN 60061-1:1993+A1:1995+A2:1995+A3:1995+A4:1996+A5:1996+A6:1996+A7:1997+A21:1998+A22:1999+A23:1999+A24:2000+A25:2001+A26:2001+A28:2002+A29:2002+A30:2002+A31:2003+A32:2003+A33:2003)

Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969, MOD+IEC 60061-1L:1987, MOD+IEC 60061-1N:1992, MOD+IEC 60061-1P:1994+IEC 60061-1Q:1994+IEC 60061-1R:1995+IEC 60061-1S:1996+IEC 60061-1T:1996+IEC 60061-1U:1996+IEC 60061-1V:1997+am21:1998+am22:1999+am23:1999+am24:2000+am25:2001+am26:2001+am28:2002+am29:2002+am30:2002+am31:2003+am32:2003+am33:2003; EN 60061-1:1993+A1:1995+A2:1995+A3:1995+A4:1996+A5:1996+A6:1996+A7:1997+A21:1998+A22:1999+A23:1999+A24:2000+A25:2001+A26:2001+A28:2002+A29:2002+A30:2002+A31:2003+A32:2003+A33:2003)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

• umjesto

HRN EN 61000-3-3:2013

Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013; EN 61000-3-3:2013)

Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013; EN 61000-3-3:2013)

• treba biti

HRN EN 61000-3-3:2013

Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje **promjena napona**, kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A **po fazi** i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013; EN 61000-3-3:2013)

Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013; EN 61000-3-3:2013)

• umjesto

HRN EN 61000-3-3:2013/A1:2019

Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013/am1:2017; EN 61000-3-3:2013/A1:2019)

Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013/am1:2017; EN 61000-3-3:2013/A1:2019)

• treba biti

HRN EN 61000-3-3:2013/A1:2019

Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje **promjena napona**, kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A **po fazi** i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013/am1:2017; EN 61000-3-3:2013/A1:2019)

Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013/am1:2017; EN 61000-3-3:2013/A1:2019)

• umjesto

HRN EN 61000-3-3:2013/A2:2021

Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013/am2:2021; EN 61000-3-3:2013/A2:2021)

Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013/am2:2021; EN 61000-3-3:2013/A2:2021)

• treba biti

HRN EN 61000-3-3:2013/A2:2021

Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje **promjena napona**, kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A **po fazi** i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013/am2:2021; EN 61000-3-3:2013/A2:2021)

Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013/am2:2021; EN 61000-3-3:2013/A2:2021)

- **umjesto**

HRN EN 61000-3-3:2013/A2:2021/Isp.1:2022
Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013/am2:2021/Corr.1:2022; EN 61000-3-3:2013/A2:2021/AC:2022)
Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013/am2:2021/Corr.1:2022; EN 61000-3-3:2013/A2:2021/AC:2022)

- **treba biti**

HRN EN 61000-3-3:2013/A2:2021/Isp.1:2022
Elektromagnetska kompatibilnost (EMC) – Dio 3-3: Granice – Ograničenje **promjena napona**, kolebanja napona i treperenja u niskonaponskim sustavima napajanja za opremu s nazivnom strujom ≤ 16 A **po fazi** i koja nije predmet uvjetovanog priključka (IEC 61000-3-3:2013/am2:2021/Corr.1:2022; EN 61000-3-3:2013/A2:2021/AC:2022)
Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013/am2:2021/Corr.1:2022; EN 61000-3-3:2013/A2:2021/AC:2022)

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

- **umjesto**

HRN EN 4717:2022
Zrakoplovstvo – Poli(eter-eter-keton) s 55 % neprekinutih ugljičnih vlakana po volumenu (PEEK-CF55) – **Oblik zaliha materijala** – Specifikacija materijala (EN 4717:2022)
Aerospace series – Polyetheretherketone with 55 % continuous carbon fibre by volume (PEEK-CF55) – Stock shape material – Material specification (EN 4717:2022)

- **treba biti**

HRN EN 4717:2022
Zrakoplovstvo – Poli(eter-eter-keton) s 55 % neprekinutih ugljičnih vlakana po volumenu (PEEK-CF55) – **Zaliha poluproizvoda** – Specifikacija materijala (EN 4717:2022)
Aerospace series – Polyetheretherketone with 55 % continuous carbon fibre by volume (PEEK-CF55) – Stock shape material – Material specification (EN 4717:2022)

- **umjesto**

HRN EN 4718:2022
Zrakoplovstvo – Poli(eter-eter-keton) s 55 % neprekinutih staklenih vlakana po volumenu (PEEK-GF55) – **Oblik zaliha materijala** – Specifikacija materijala (EN 4718:2022)
Aerospace series – Polyetheretherketone with 55 % continuous glass fibre by volume (PEEK-GF55) – Stock shape material – Material specification (EN 4718:2022)

- **treba biti**

HRN EN 4718:2022
Zrakoplovstvo – Poli(eter-eter-keton) s 55 % neprekinutih staklenih vlakana po volumenu (PEEK-GF55) – **Zaliha poluproizvoda** – Specifikacija materijala (EN 4718:2022)
Aerospace series – Polyetheretherketone with 55 % continuous glass fibre by volume (PEEK-GF55) – Stock shape material – Material specification (EN 4718:2022)

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/ TU V1, *Elektronika 1*

HRN EN 50289-1-2:2008 en pr
Komunikacijski kabeli – Specifikacije za metode ispitivanja – Dio 1-2: Metode električnih ispitivanja – Otpor za istosmjernu struju (EN 50289-1-2:2001)
Communication cables – Specifications for test methods – Part 1-2: Electrical test methods – DC resistance (EN 50289-1-2:2001)

HRN EN 60793-1-1:2017 en pr
Optička vlakna – Dio 1-1: Metode mjerenja i postupci ispitivanja – Općenito i upute (IEC 60793-1-1:2017; EN 60793-1-1:2017)
Optical fibres – Part 1-1: Measurement methods and test procedures – General and guidance (IEC 60793-1-1:2017; EN 60793-1-1:2017)

HRN EN 60793-1-44:2012 en pr
Optička vlakna – Dio 1-44: Metode mjerenja i postupci ispitivanja – Granična valna duljina (IEC 60793-1-44:2011; EN 60793-1-44:2011)
Optical fibres – Part 1-44: Measurement methods and test procedures – Cut-off wavelength (IEC 60793-1-44:2011; EN 60793-1-44:2011)

HRN EN 60794-1-1:2016 en pr
Svjetlovodni kabeli – Dio 1-1: Generička specifikacija – Općenito (IEC 60794-1-1:2015; EN 60794-1-1:2016)
Optical fibre cables – Part 1-1: Generic specification – General (IEC 60794-1-1:2015; EN 60794-1-1:2016)

HRN EN 60794-1-2:2017 en pr
Svjetlovodni kabeli – Dio 1-2: Osnovni postupci ispitivanja svjetlovodnih kabela – Općenito i definicije (IEC 60794-1-2:2017; EN 60794-1-2:2017)
Optical fibre cables – Part 1-2: Basic optical cable test procedures – General and definitions (IEC 60794-1-2:2017; EN 60794-1-2:2017)

HRN EN 60794-1-3:2017 en pr
Svjetlovodni kabeli – Dio 1-3: Generička specifikacija – Optički elementi kabela (IEC 60794-1-3:2017; EN 60794-1-3:2017)
Optical fibre cables – Part 1-3: Generic specification – Optical cable elements (IEC 60794-1-3:2017; EN 60794-1-3:2017)

HRN EN 60794-1-21:2015 en pr
Svjetlovodni kabeli – Dio 1-21: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Mehaničke metode ispitivanja (IEC 60794-1-21:2015; EN 60794-1-21:2015)
Optical fibre cables – Part 1-21: Generic specification – Basic optical cable test procedures – Mechanical tests methods (IEC 60794-1-21:2015; EN 60794-1-21:2015)

HRN EN IEC 60794-1-22:2018 en pr
Svjetlovodni kabeli – Dio 1-22: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja utjecaja okoliša (IEC 60794-1-22:2017; EN IEC 60794-1-22:2018)
Optical fibre cables – Part 1-22: Generic specification – Basic optical cable test procedures – Environmental test methods (IEC 60794-1-22:2017; EN IEC 60794-1-22:2018)

HRN EN 60794-1-23:2014 en pr
Svjetlovodni kabeli – Dio 1-23: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja elemenata kabela (IEC 60794-1-23:2012; EN 60794-1-23:2012)
Optical fibre cables – Part 1-23: Generic specification – Basic optical cable test procedures – Cable element test methods (IEC 60794-1-23:2012; EN 60794-1-23:2012)

HRN EN 60794-1-24:2014 en pr
Svjetlovodni kabeli – Dio 1-24: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode električnih ispitivanja (IEC 60794-1-24:2014; EN 60794-1-24:2014)
Optical fibre cables – Part 1-24: Generic specification – Basic optical cable test procedures – Electrical test methods (IEC 60794-1-24:2014; EN 60794-1-24:2014)

- HRN EN IEC 60794-1-211:2021 en pr
Svjetlovodni kabeleli – Dio 1-211: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja utjecaja okoliša – Skupljanje plašteva, metoda F11 (IEC 60794-1-211:2021; EN IEC 60794-1-211:2021)
Optical fibre cables – Part 1-211: Generic specification – Basic optical cable test procedures – Environmental test methods – Sheath shrinkage, Method F11 (IEC 60794-1-211:2021; EN IEC 60794-1-211:2021)
- HRN EN 60794-2:2017 en pr
Svjetlovodni kabeleli – 2. dio: Kabeleli za unutarnju primjenu – Sekcijska specifikacija (IEC 60794-2:2017; EN 60794-2:2017)
Optical fibre cables – Part 2: Indoor cables – Sectional specification (IEC 60794-2:2017; EN 60794-2:2017)
- HRN EN 60794-2-10:2012 en pr
Svjetlovodni kabeleli – Dio 2-10: Svjetlovodni kabeleli za unutarnju primjenu – Skupna specifikacija za jednosmjerne i dvosmjerne kabele (IEC 60794-2-10:2011; EN 60794-2-10:2011)
Optical fibre cables – Part 2-10: Indoor optical fibre cables – Family specification for simplex and duplex cables (IEC 60794-2-10:2011; EN 60794-2-10:2011)
- HRN EN IEC 60794-2-11:2019 en pr
Svjetlovodni kabeleli – Dio 2-11: Kabeleli za unutarnju primjenu – Detaljna specifikacija za jednosmjerne i dvosmjerne kabele koji se koriste za polaganje kabela u korisničkim prostorima (IEC 60794-2-11:2019; EN IEC 60794-2-11:2019)
Optical fibre cables – Part 2-11: Indoor cables – Detailed specification for simplex and duplex cables for use in premises cabling (IEC 60794-2-11:2019; EN IEC 60794-2-11:2019)
- HRN EN 60794-2-20:2014 en pr
Svjetlovodni kabeleli – Dio 2-20: Kabeleli za unutarnju primjenu – Skupna specifikacija za svjetlovodne kabele od više vlakana (IEC 60794-2-20:2013; EN 60794-2-20:2014)
Optical fibre cables – Part 2-20: Indoor cables – Family specification for multi-fibre optical cables (IEC 60794-2-20:2013; EN 60794-2-20:2014)
- HRN EN IEC 60794-2-21:2019 en pr
Svjetlovodni kabeleli – Dio 2-21: Kabeleli za unutarnju primjenu – Detaljna specifikacija za distribucijske svjetlovodne kabele od više vlakana koji se koriste za polaganje u korisničkim prostorima (IEC 60794-2-21:2019; EN IEC 60794-2-21:2019)
Optical fibre cables – Part 2-21: Indoor cables – Detailed specification for multi-fibre optical distribution cables for use in premises cabling (IEC 60794-2-21:2019; EN IEC 60794-2-21:2019)
- HRN EN 60794-2-22:2017 en pr
Svjetlovodni kabeleli – Dio 2-22: Kabeleli u zatvorenom prostoru – Detaljna specifikacija za višestruke jednosmjerne i dvosmjerne prespojne optičke kabele za uporabu s konektorima (IEC 60794-2-22:2016; EN 60794-2-22:2017)
Optical fibre cables – Part 2-22: Indoor cables – Detail specification for multi-simplex breakout optical cables to be terminated with connectors (IEC 60794-2-22:2016; EN 60794-2-22:2017)
- HRN EN IEC 60794-2-30:2019 en pr
Svjetlovodni kabeleli – Dio 2-30: Kabeleli za unutarnju primjenu – Skupna specifikacija za trakaste svjetlovodne kabele za uporabu u završnim sklopovima kabela (IEC 60794-2-30:2019; EN IEC 60794-2-30:2019)
Optical fibre cables – Part 2-30: Indoor cables – Family specification for optical fibre ribbon cables for use in terminated cable assemblies (IEC 60794-2-30:2019; EN IEC 60794-2-30:2019)
- HRN EN IEC 60794-2-31:2019 en pr
Svjetlovodni kabeleli – Dio 2-31: Kabeleli za unutarnju primjenu – Detaljna specifikacija za trakaste svjetlovodne kabele koji se koriste za polaganje kabela u korisničkim prostorima (IEC 60794-2-31:2019; EN IEC 60794-2-31:2019)
Optical fibre cables – Part 2-31: Indoor cables – Detailed specification for optical fibre ribbon cables for use in premises cabling (IEC 60794-2-31:2019; EN IEC 60794-2-31:2019)
- HRN EN 60794-2-40:2008 en pr
Svjetlovodni kabeleli – Dio 2-40: Svjetlovodni kabeleli za unutarnju primjenu – Skupna specifikacija za kabele s A4 vlaknima (IEC 60794-2-40:2008; EN 60794-2-40:2008)
Optical fibre cables – Part 2-40: Indoor optical fibre cables – Family specification for A4 fibre cables (IEC 60794-2-40:2008; EN 60794-2-40:2008)
- HRN EN 60794-2-41:2009 en pr
Svjetlovodni kabeleli – Dio 2-41: Kabeleli za unutarnju primjenu – Specifikacije proizvoda za jednosmjerna i dvosmjerna pufirirana A4 vlakna (IEC 60794-2-41:2008; EN 60794-2-41:2008)
Optical fibre cables – Part 2-41: Indoor cables – Product specification for simplex and duplex buffered A4 fibres (IEC 60794-2-41:2008; EN 60794-2-41:2008)
- HRN EN 60794-2-42:2008 en pr
Svjetlovodni kabeleli – Dio 2-42: Svjetlovodni kabeleli za unutarnju primjenu – Specifikacije proizvoda za jednosmjerne i dvosmjerne kabele s A4 vlaknima (IEC 60794-2-42:2008; EN 60794-2-42:2008)
Optical fibre cables – Part 2-42: Indoor optical fibre cables – Product specification for simplex and duplex cables with A4 fibres (IEC 60794-2-42:2008; EN 60794-2-42:2008)
- HRN EN 60794-2-50:2008 en pr
Svjetlovodni kabeleli – Dio 2-50: Kabeleli u vanjsku primjenu – Skupna specifikacija za jednosmjerne i dvosmjerne kabele za uporabu u završnim sklopovima kabela (IEC 60794-2-50:2008; EN 60794-2-50:2008)
Optical fibre cables – Part 2-50: Indoor cables – Family specification for simplex and duplex cables for use in terminated cable assemblies (IEC 60794-2-50:2008; EN 60794-2-50:2008)
- HRN EN 60794-2-51:2014 en pr
Svjetlovodni kabeleli – Dio 2-51: Kabeleli za unutarnju primjenu – Detaljna specifikacija za jednosmjerne i dvosmjerne kabele za upotrebu u kabelelima u kontroliranom okruženju (IEC 60794-2-51:2014; EN 60794-2-51:2014)
Optical fibre cables – Part 2-51: Indoor cables – Detail specification for simplex and duplex cables for use in cords for controlled environment (IEC 60794-2-51:2014; EN 60794-2-51:2014)
- HRN EN 60794-3:2015 en pr
Svjetlovodni kabeleli – 3. dio: Sekcijska specifikacija – Kabeleli za vanjsku primjenu (IEC 60794-3:2014; EN 60794-3:2015)
Optical fibre cables – Part 3: Sectional specification – Outdoor cables (IEC 60794-3:2014; EN 60794-3:2015)
- HRN EN 60794-3-11:2011 en pr
Svjetlovodni kabeleli – Dio 3-11: Kabeleli za vanjsku primjenu – Specifikacije proizvoda za jednomodne svjetlovodne telekomunikacijske kabele u kanalima, izravno ukopane i povezane nadzemno (IEC 60794-3-11:2010; EN 60794-3-11:2010)
Optical fibre cables – Part 3-11: Outdoor cables – Product specification for duct, directly buried and lashed aerial single-mode optical fibre telecommunication cables (IEC 60794-3-11:2010; EN 60794-3-11:2010)
- HRN EN 60794-3-12:2014 en pr
Svjetlovodni kabeleli – Dio 3-12: Kabeleli za vanjsku primjenu – Detaljna specifikacija za svjetlovodne telekomunikacijske kabele u kanalima i izravno ukopane za polaganje u korisničkim prostorima (IEC 60794-3-12:2012; EN 60794-3-12:2013)
Optical fibre cables – Part 3-12: Outdoor cables – Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling (IEC 60794-3-12:2012; EN 60794-3-12:2013)
- HRN EN 60794-3-20:2016 en pr
Svjetlovodni kabeleli – Dio 3-20: Kabeleli za vanjsku primjenu – Skupna specifikacija za samonosive nadzemne telekomunikacijske kabele (IEC 60794-3-20:2016; EN 60794-3-20:2016)
Optical fibre cables – Part 3-20: Outdoor cables – Family specification for self-supporting aerial telecommunication cables (IEC 60794-3-20:2016; EN 60794-3-20:2016)
- HRN EN 60794-3-21:2016 en pr
Svjetlovodni kabeleli – Dio 3-21: Kabeleli za vanjsku primjenu – Specifikacije proizvoda za nadzemne samonosive svjetlovodne telekomunikacijske kabele koji se koriste za polaganje u korisničkim prostorima (IEC 60794-3-21:2015; EN 60794-3-21:2016)
Optical fibre cables – Part 3-21: Outdoor cables – Product specification for optical self-supporting aerial telecommunication cables for use in premises cabling (IEC 60794-3-21:2015; EN 60794-3-21:2016)

- HRN EN 60794-3-30:2009 en pr
Svjetlovodni kabeli – Dio 3-30: Kabeli za vanjsku primjenu – Skupna specifikacija za optičke telekomunikacijske kabele za jezera, riječne prijelaze i obale (IEC 60794-3-30:2008; EN 60794-3-30:2008)
Optical fibre cables – Part 3-30: Outdoor cables – Family specification for optical telecommunication cables for lakes, river crossings and coastal application (IEC 60794-3-30:2008; EN 60794-3-30:2008)
- HRN EN 60794-3-70:2016 en pr
Svjetlovodni kabeli – Dio 3-70: Skupna specifikacija za vanjske svjetlovodne kabele za brzo i višestruko postavljanje (IEC 60794-3-70:2016; EN 60794-3-70:2016)
Optical Cables – Part 3.70: Family specification for outdoor optical fibre cables for rapid/multiple deployment (IEC 60794-3-70:2016; EN 60794-3-70:2016)
- HRN EN 60794-4-10:2016 en pr
Svjetlovodni kabeli – Dio 4-10: Skupna specifikacija – Optičke žice za uzemljenje (OPWG) uz električne vodove (IEC 60794-4-10:2014; EN 60794-4-10:2014)
Optical fibre cables – Part 4-10: Family specification – Optical ground wires (OPGW) along electrical power lines (IEC 60794-4-10:2014; EN 60794-4-10:2014)
- HRN EN 60794-5:2016 en pr
Svjetlovodni kabeli – 5. dio: Sekcijska specifikacija – Kabliranje mikrokanala za instalaciju upuhivanjem (IEC 60794-5:2014; EN 60794-5:2016)
Optical fibre cables – Part 5: Sectional specification – Microduct cabling for installation by blowing (IEC 60794-5:2014; EN 60794-5:2016)
- HRN EN 60794-5-10:2014 en pr
Svjetlovodni kabeli – Dio 5-10: Skupna specifikacija – Vanjski mikrokanalni svjetlovodni kabeli, mikrokanali i zaštićeni mikrokanali za instalaciju upuhivanjem (IEC 60794-5-10:2014; EN 60794-5-10:2014)
Optical fibre cables – Part 5-10: Family specification – Outdoor microduct optical fibre cables, microducts and protected microducts for installation by blowing (IEC 60794-5-10:2014; EN 60794-5-10:2014)
- HRN EN 60794-5-20:2014 en pr
Svjetlovodni kabeli – Dio 5-20: Skupna specifikacija – Vanjske mikrokanalne jedinice s vlaknima, mikrokanali i zaštićeni mikrokanali za instalaciju upuhivanjem (IEC 60794-5-20:2014; EN 60794-5-20:2014)
Optical fibre cables – Part 5-20: Family specification – Outdoor microduct fibre units, microducts and protected microducts for installation by blowing (IEC 60794-5-20:2014; EN 60794-5-20:2014)
- HRN EN 60966-2-1:2010 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 2-1: Sekcijska specifikacija za sklopove savitljivih koaksijalnih kabela (IEC 60966-2-1:2008; EN 60966-2-1:2009)
Radio frequency and coaxial cable assemblies – Part 2-1: Sectional specification for flexible coaxial cable assemblies (IEC 60966-2-1:2008; EN 60966-2-1:2009)
- HRN EN 60966-2-2:2008 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 2-2: Prazna tiskanica za detaljnu specifikaciju za sklopove savitljivih koaksijalnih kabela (IEC 60966-2-2:2003; EN 60966-2-2:2003)
Radio frequency and coaxial cable assemblies – Part 2-2: Blank detail specification for flexible coaxial cable assemblies (IEC 60966-2-2:2003; EN 60966-2-2:2003)
- HRN EN 60966-2-3:2010 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 2-3: Detaljna specifikacija za sklopove savitljivih koaksijalnih kabela – Frekvencijsko područje od 0 MHz do 1000 MHz, konektori prema normi IEC 61169-8 (IEC 60966-2-3:2009; EN 60966-2-3:2009)
Radio frequency and coaxial cable assemblies – Part 2-3: Detail specification for flexible coaxial cable assemblies – Frequency range 0 MHz to 1000 MHz, IEC 61169-8 connectors (IEC 60966-2-3:2009; EN 60966-2-3:2009)
- HRN EN 60966-2-4:2016 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 2-4: Detaljna specifikacija za sklopove kabela za radio i televizijske prijemnike – Frekvencijsko područje od 0 MHz do 3000 MHz, konektori prema normi IEC 61169-2 (IEC 60966-2-4:2016; EN 60966-2-4:2016)
Radio Frequency and coaxial cable assemblies – Part 2-4: Detail specification for cable assemblies for radio and TV receivers – Frequency range 0 MHz to 3 000 MHz, IEC 61169-2 connectors (IEC 60966-2-4:2016; EN 60966-2-4:2016)
- HRN EN 60966-2-5:2017 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 2-5: Detaljna specifikacija za sklopove kabela za radio i televizijske prijemnike – Frekvencijsko područje od 0 MHz do 1000 MHz, konektori prema normi IEC 61169-2 (IEC 60966-2-5:2017; EN 60966-2-5:2017)
Radio frequency and coaxial cable assemblies – Part 2-5: Detail specification for cable assemblies for radio and TV receivers – Frequency range 0 MHz to 1 000 MHz, IEC 61169-2 connectors (IEC 60966-2-5:2017; EN 60966-2-5:2017)
- HRN EN 60966-2-6:2017 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 2-6: Detaljna specifikacija za sklopove kabela za radio i televizijske prijemnike – Frekvencijsko područje od 0 MHz do 3000 MHz, konektori prema normi IEC 61169-24 (IEC 60966-2-6:2017; EN 60966-2-6:2017)
Radio frequency and coaxial cable assemblies – Part 2-6: Detail specification for cable assemblies for radio and TV receivers – Frequency range 0 MHz to 3 000 MHz, IEC 61169-24 connectors (IEC 60966-2-6:2017; EN 60966-2-6:2017)
- HRN EN 60966-2-7:2016 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 2-7: Detaljna specifikacija za sklopove kabela za radio i televizijske prijemnike – Frekvencijsko područje od 0 MHz do 3000 MHz, konektori prema normi IEC 61169-47 (IEC 60966-2-7:2015; EN 60966-2-7:2016)
Radio frequency and coaxial cable assemblies – Part 2-7: Detail specification for cable assemblies for radio and TV receivers – Frequency range 0 MHz to 3 000 MHz, IEC 61169-47 connectors (IEC 60966-2-7:2015; EN 60966-2-7:2016)
- HRN EN 60966-3:2009 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – 3. dio: Sekcijska specifikacija za sklopove polusavitljivih koaksijalnih kabela (IEC 60966-3:2008; EN 60966-3:2009)
Radio frequency and coaxial cable assemblies – Part 3: Sectional specification for semi-flexible coaxial cable assemblies (IEC 60966-3:2008; EN 60966-3:2009)
- HRN EN 60966-3-1:2009 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 3-1: Prazna tiskanica za detaljnu specifikaciju za sklopove polusavitljivih koaksijalnih kabela (IEC 60966-3-1:2009; EN 60966-3-1:2009)
Radio frequency and coaxial cable assemblies – Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies (IEC 60966-3-1:2009; EN 60966-3-1:2009)
- HRN EN 60966-3-2:2008 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 3-2: Detaljna specifikacija za sklopove polusavitljivih koaksijalnih kabela za GSM upotrebu (0,8 GHz – 1 GHz) (IEC 60966-3-2:2003; EN 60966-3-2:2003)
Radio frequency and coaxial cable assemblies – Part 3-2: Detail specification for semi-flexible coaxial cable assemblies for GSM use (0,8 GHz - 1 GHz) (IEC 60966-3-2:2003; EN 60966-3-2:2003)
- HRN EN 60966-4:2008 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – 4. dio: Sekcijska specifikacija za sklopove polukrutih koaksijalnih kabela (IEC 60966-4:2003; EN 60966-4:2003)
Radio frequency and coaxial cable assemblies – Part 4: Sectional specification for semi-rigid coaxial cable assemblies (IEC 60966-4:2003; EN 60966-4:2003)
- HRN EN 60966-4-1:2008 en pr
Sklopovi radiofrekvencijskih i koaksijalnih kabela – Dio 4-1: Prazna tiskanica za detaljnu specifikaciju za sklopove polukrutih koaksijalnih kabela (IEC 60966-4-1:2003; EN 60966-4-1:2003)
Radio frequency and coaxial cable assemblies – Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies (IEC 60966-4-1:2003; EN 60966-4-1:2003)

- HRN EN 61300-2-6:2012 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-6: Ispitivanja – Vlačna čvrstoća mehanizma spajanja (IEC 61300-2-6:2010; EN 61300-2-6:2011)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-6: Tests – Tensile strength of coupling mechanism (IEC 61300-2-6:2010; EN 61300-2-6:2011)
- HRN EN 61340-2-1:2015 en pr
Elektrostatika – Dio 2-1: Metode mjerenja – Sposobnost materijala i proizvoda da rasprše elektrostatički naboj (Predložena horizontalna norma) (IEC 61340-2-1:2015; EN 61340-2-1:2015)
Electrostatics – Part 2-1: Measurement methods – Ability of materials and products to dissipate static electric charge (Proposed horizontal standard) (IEC 61340-2-1:2015; EN 61340-2-1:2015)
- HRN EN 61340-2-3:2016 en pr
Elektrostatika – Dio 2-3: Metode ispitivanja za određivanje otpora i otpornosti krutih materijala koji se upotrebljavaju za izbjegavanje nakupljanja elektrostatičkog naboja (IEC 61340-2-3:2016; EN 61340-2-3:2016)
Electrostatics – Part 2-3: Methods of test for determining the resistance and resistivity of solid materials used to avoid electrostatic charge accumulation (IEC 61340-2-3:2016; EN 61340-2-3:2016)
- HRN EN 61340-3-1:2009 en pr
Elektrostatika – Dio 3-1: Metode za simulaciju elektrostatičkih učinaka – Valni oblici ispitivanja elektrostatičkog pražnjenja za model ljudskog tijela (HBM) (IEC 61340-3-1:2006; EN 61340-3-1:2007)
Electrostatics – Part 3-1: Methods for simulation of electrostatic effects – Human body model (HBM) electrostatic discharge test waveforms (IEC 61340-3-1:2006; EN 61340-3-1:2007)
- HRN EN 61340-3-2:2009 en pr
Elektrostatika – Dio 3-2: Metode za simulaciju elektrostatičkih učinaka – Valni oblici ispitivanja elektrostatičkog pražnjenja za model stroja (MM) (IEC 61340-3-2:2006; EN 61340-3-2:2007)
Electrostatics – Part 3-2: Methods for simulation of electrostatic effects – Machine model (MM) electrostatic discharge test waveforms (IEC 61340-3-2:2006; EN 61340-3-2:2007)
- HRN EN 61340-4-1:2008 en pr
Elektrostatika – Dio 4-1: Standardne metode ispitivanja za posebne primjene – Električni otpor podnih obloga i postavljenih podova (IEC 61340-4-1:2003; EN 61340-4-1:2004)
Electrostatics – Part 4-1: Standard test methods for specific applications – Electrical resistance of floor coverings and installed floors (IEC 61340-4-1:2003; EN 61340-4-1:2004)
- HRN EN 61340-4-1:2008/A1:2015 en pr
Elektrostatika – Dio 4-1: Standardne metode ispitivanja za posebne primjene – Električni otpor podnih obloga i postavljenih podova (IEC 61340-4-1:2003/am1:2015; EN 61340-4-1:2004/A1:2015)
Electrostatics – Part 4-1: Standard test methods for specific applications – Electrical resistance of floor coverings and installed floors (IEC 61340-4-1:2003/am1:2015; EN 61340-4-1:2004/A1:2015)
- HRN EN IEC 61340-4-3:2018 en pr
Elektrostatika – Dio 4-3: Standardne metode ispitivanja za posebne primjene – Obuća (IEC 61340-4-3:2017; EN IEC 61340-4-3:2018)
Electrostatics – Part 4-3: Standard test methods for specific applications – Footwear (IEC 61340-4-3:2017; EN IEC 61340-4-3:2018)
- HRN EN IEC 61340-4-4:2018 en pr
Elektrostatika – Dio 4-4: Standardne metode ispitivanja za posebne primjene – Elektrostatička klasifikacija fleksibilnih srednjih spremnika za rasuti teret (FIBC) (IEC 61340-4-4:2018; EN IEC 61340-4-4:2018)
Electrostatics – Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC) (IEC 61340-4-4:2018; EN IEC 61340-4-4:2018)
- HRN EN IEC 61340-4-5:2018 en pr
Elektrostatika – Dio 4-5: Standardne metode ispitivanja za posebne primjene – Metode za karakterizaciju zaštite obuće i podnih obloga od elektrostatičkog pražnjenja s obzirom na osobu (IEC 61340-4-5:2018; EN IEC 61340-4-5:2018)
Electrostatics – Part 4-5: Standard test methods for specific applications – Methods for characterizing the electrostatic protection of footwear and flooring in combination with a person (IEC 61340-4-5:2018; EN IEC 61340-4-5:2018)
- HRN EN 61340-4-6:2015 en pr
Elektrostatika – Dio 4-6: Standardne metode ispitivanja za posebne primjene – Remeni za zapešće (IEC 61340-4-6:2015; EN 61340-4-6:2015)
Electrostatics – Part 4-6: Standard test methods for specific applications – Wrist straps (IEC 61340-4-6:2015; EN 61340-4-6:2015)
- HRN EN 61340-4-7:2017 en pr
Elektrostatika – Dio 4-7: Standardne metode ispitivanja za posebne primjene – Ionizacija (IEC 61340-4-7:2017; EN 61340-4-7:2017)
Electrostatics – Part 4-7: Standard test methods for specific applications – Ionization (IEC 61340-4-7:2017; EN 61340-4-7:2017)
- HRN EN 61340-4-8:2015 en pr
Elektrostatika – Dio 4-8: Standardne metode ispitivanja za posebne primjene – Zaštita od elektrostatičkog pražnjenja – Vrećice (IEC 61340-4-8:2014; EN 61340-4-8:2015)
Electrostatics – Part 4-8: Standard test methods for specific applications – Electrostatic discharge shielding – Bags (IEC 61340-4-8:2014; EN 61340-4-8:2015)
- HRN EN 61340-4-9:2016 en pr
Elektrostatika – Dio 4-9: Standardne metode ispitivanja za posebne primjene – Odjeća (IEC 61340-4-9:2016; EN 61340-4-9:2016)
Electrostatics – Part 4-9: Standard test methods for specific applications – Garments (IEC 61340-4-9:2016; EN 61340-4-9:2016)
- HRN EN 61340-5-1:2016 en pr
Elektrostatika – Dio 5-1: Zaštita elektroničkih uređaja od elektrostatičkih pojava – Opći zahtjevi (IEC 61340-5-1:2016; EN 61340-5-1:2016)
Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements (IEC 61340-5-1:2016; EN 61340-5-1:2016)
- HRN EN 61340-5-1:2016/Ispr.1:2017 en pr
Elektrostatika – Dio 5-1: Zaštita elektroničkih uređaja od elektrostatičkih pojava – Opći zahtjevi (IEC 61340-5-1:2016/Corr.1:2017; EN 61340-5-1:2016/AC:2017)
Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements (IEC 61340-5-1:2016/Corr.1:2017; EN 61340-5-1:2016/AC:2017)
- HRN EN 61340-5-3:2015 en pr
Elektrostatika – Dio 5-3: Zaštita elektroničkih uređaja od elektrostatičkih pojava – Klasifikacija svojstava i zahtjeva za ambalaže namijenjene za uređaje osjetljive na elektrostatičko pražnjenje (IEC 61340-5-3:2015; EN 61340-5-3:2015)
Electrostatics – Part 5-3: Protection of electronic devices from electrostatic phenomena – Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices (IEC 61340-5-3:2015; EN 61340-5-3:2015)
- HRN EN 61754-20:2014 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Sučelja svjetlovodnih konektora – 20. dio: Obitelj konektora tipa LC (IEC 61754-20:2012; EN 61754-20:2012)
Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 20: Type LC connector family (IEC 61754-20:2012; EN 61754-20:2012)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 136, *Namještaj*

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome jeziku:

HRN EN 1130:2019 hr-en pr-pp
Namještaj za djecu – Dječji krevetići – Sigurnosni zahtjevi i metode ispitivanja (EN 1130:2019)
Children's furniture – Cribs – Safety requirements and test methods (EN 1130:2019)

HRN EN 1130:2019/Ispr.1:2021 hr-en pr-pp
Namještaj za djecu – Dječji krevetići – Sigurnosni zahtjevi i metode ispitivanja (EN 1130:2019/AC:2020)
Children's furniture – Cribs – Safety requirements and test methods (EN 1130:2019/AC:2020)

HZN/TO 526, *Bitumenska veziva*

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome jeziku:

HRN EN 13924-1:2015 hr-en pr-pp
Bitumen i bitumenska veziva – Okvirna specifikacija za specijalni cestograđevni bitumen – 1. dio: Tvrdi cestograđevni bitumeni (EN 13924-1:2015)
Bitumen and bituminous binders – Specification framework for special paving grade bitumen – Part 1: Hard paving grade bitumens (EN 13924-1:2015)

HRN EN 13924-2:2014 hr-en pr-pp
Bitumen i bitumenska veziva – Okvirna specifikacija za posebne cestograđevne bitumene – 2. dio: Višetipni cestograđevni bitumeni (EN 13924-2:2014)
Bitumen and bituminous binders – Specification framework for special paving grade bitumen – Part 2: Multigrade paving grade bitumens (EN 13924-2:2014)

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

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

HRN EN 15650:2010 hr,en-en pr-pp
Ventilacija u zgradama – Protupožarne zaklopke (EN 15650:2010)
Ventilation for buildings – Fire dampers (EN 15650:2010)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 81-70+A1	Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lift – Part 70: Accessibility to lifts for persons including persons with disability	91.140.90	2022-07
EN 528+A1	Rail dependent storage and retrieval equipment – Safety requirements for S/R machines	53.080	2022-07
EN 1186-2	Materials and articles in contact with foodstuffs – Plastics – Part 2: Test methods for overall migration in vegetable oils	67.250	2022-07
EN 1491	Building valves – Expansion valves – Tests and requirements	91.140.60	2022-07
EN 2349-001	Aerospace series – Requirements and test procedures for switching devices	49.060	2022-07
CEN/TS 12101-11	Smoke and heat control systems – Part 11: Horizontal flow powered ventilation systems for enclosed car parks	13.220.99	2022-07
EN 12102-1	Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors – Determination of the sound power level – Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers	17.140.20; 27.080	2022-07
EN 12355	Food processing machinery – Derinding-, skinning- and membrane removal machines – Safety and hygiene requirements	67.260	2022-07
EN 12369-3	Wood-based panels – Characteristic values for structural design – Part 3: Solid wood panels	79.060.99	2022-07
EN 12392+A1	Aluminium and aluminium alloys – Wrought products and cast products – Special requirements for products intended for the production of pressure equipment	77.150.10	2022-07
EN 12847	Bitumen and bituminous binders – Determination of settling tendency of bituminous emulsions	75.140; 91.100.50	2022-07
EN 12850	Bitumen and bituminous binders – Determination of the pH value of bituminous emulsions	75.140; 91.100.50	2022-07
EN 13336	Leather – Upholstery leather characteristics – Guide for selection of leather for furniture	59.140.30	2022-07
EN 13353	Solid wood panels (SWP) – Requirements	79.060.99	2022-07
EN 13481-2	Railway applications – Track – Performance requirements for fastening systems – Part 2: Fastening systems for concrete sleepers in ballast	93.100	2022-07
EN 13481-3	Railway applications – Track – Performance requirements for fastening systems – Part 3: Fastening systems for wood and polymeric composite sleepers	93.100	2022-07
EN 13481-4	Railway applications – Track – Performance requirements for fastening systems – Part 4: Fastening systems for steel sleepers in ballast	93.100	2022-07
EN 13481-5	Railway applications – Track – Performance requirements for fastening systems – Part 5: Fastening systems for ballastless tracks	93.100	2022-07
EN 13481-7	Railway applications – Track – Performance requirements for fastening systems – Part 7: Fastening systems for switches and crossings, check rails, insulated rail joints and rail expansion devices	93.100	2022-07
EN 13732	Food processing machinery – Bulk milk coolers on farms – Requirements for performance, safety and hygiene	65.040.10; 67.260	2022-07
EN 13823+A1	Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item	13.220.50; 91.060.01; 91.100.01	2022-07
EN 13885	Food processing machinery – Clipping machines – Safety and hygiene requirements	67.260	2022-07
EN 14067-6+A1	Railway applications – Aerodynamics – Part 6: Requirements and test procedures for cross wind assessment	45.060.01	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN 14175-8	Fume cupboards – Part 8: Fume cupboards for work with radioactive materials	13.280; 71.040.10	2022-07
CEN/TS 14383-6	Prevention of crime – Urban planning and building design – Part 6: Schools and educational institutions	13.310; 91.020; 91.120.99	2022-07
EN 14825	Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling, commercial and process cooling – Testing and rating at part load conditions and calculation of seasonal performance	27.080; 91.140.30	2022-07
CEN/TS 14826	Postal services – Automatic identification of items – Two dimensional bar code symbol print quality specification for machine readable Digital Postage Marks	03.240; 35.040.50; 35.240.69	2022-07
EN 14885	Chemical disinfectants and antiseptics – Application of European Standards for chemical disinfectants and antiseptics	11.080.20; 71.100.35	2022-07
EN 15776	Unfired pressure vessels – Requirements for the design and fabrication of pressure vessels and pressure vessel parts constructed from cast iron with an elongation after fracture equal or less than 15 %	23.020.30	2022-07
EN 16116-1	Railway applications – Design requirements for steps, handrails and associated access for staff – Part 1: Passenger vehicles, vans and locomotives	45.060.20	2022-07
EN 16223-1	Leather – Requirements for the designation and description of leather in upholstery and automotive interior applications – Part 1: Upholstery applications	59.140.30	2022-07
EN 16223-2	Leather – Requirements for the designation and description of leather in upholstery and automotive interior applications – Part 2: Automotive interior applications	59.140.30	2022-07
EN 16583	Heat exchangers – Hydronic room fan coils units – Determination of the sound power level	27.060.30	2022-07
EN 16603-35-06	Space engineering – Cleanliness requirements for spacecraft propulsion hardware	49.140	2022-07
EN 16603-50	Space engineering – Communications	49.140	2022-07
EN 16603-50-21	Space engineering – Adoption Notice of CCSDS 131.0-B-3, TM Synchronization and Channel Coding	49.140	2022-07
EN 16603-50-22	Space engineering – Adoption Notice of CCSDS 132.0-B-2, TM Space Data Link Protocol	49.140	2022-07
EN 16603-50-23	Space engineering – Adoption Notice of CCSDS 732.0-B-3, AOS Space Data Link Protocol	49.140	2022-07
EN 16603-50-24	Space engineering – Adoption Notice of CCSDS 231.0-B-3, TC Synchronization and Channel Coding	49.140	2022-07
EN 16603-50-25	Space engineering – Adoption Notice of CCSDS 232.0-B-3, TC Space Data Link Protocol	49.140	2022-07
EN 16603-50-26	Space engineering – Adoption Notice of CCSDS 232.1-B-2, Communications Operation Procedure-1	49.140	2022-07
EN 16779-2	Textile child care articles – Safety requirements and test methods for children's cot duvets – Part 2: Duvet covers (excluding duvet)	97.160; 97.190	2022-07
EN 17422	Chemical disinfectants and antiseptics – Quantitative surface test for the evaluation of teat disinfectants used in the veterinary area – Test method and requirements (phase 2 step 2)	71.100.35	2022-07
EN 17460	Railway applications – Adhesive bonding of rail vehicles and their components	45.060.01; 83.180	2022-07
EN 17609	Building automation and control systems – Control applications	35.240.67; 91.140.01	2022-07
EN 17643	Bitumen and bituminous binders – Determination of equi-shear modulus temperature and phase angle using a Dynamic Shear Rheometer (DSR) – BTSV test	75.140; 91.100.50	2022-07
EN 17644	Foodstuffs – Detection of food allergens by liquid chromatography – mass spectrometry (LC-MS) methods – General considerations	67.050	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17647	General principles for manufacturing, filling and holding e-liquids for pre-filled containers or products	65.160	2022-07
EN 17651	Leather – Description, labelling and marking of leather goods	59.140.30	2022-07
EN 17655	Conservation of cultural heritage – Determination of water absorption by contact sponge method	97.195	2022-07
CEN/TS 17812	Determination of the acoustic properties of markings – The CPX measurement method	17.140.30; 93.080.30	2022-07
CEN/TS 17834	European Professional Ethics Framework for the ICT Profession (EU ICT Ethics)	03.100.30; 35.020	2022-07
CEN/TR 17838	Use of plugs of bulk material in screw conveyors and product receivers for explosion isolation	13.230; 53.040.20	2022-07
CEN/TR 17849	Resilient, textile, laminate and modular mechanical locked floor coverings – Guidance on how to implement EN 14041:2004/AC:2006 under the Construction Products Regulation EU 305/2011 (CPR)	97.150	2022-07
CEN/TR 17856	Measurement of the coating properties of non-oriented electrical steel	77.140.40; 77.140.50	2022-07
CEN/TR 17859	Service Modelling Language	35.240.50	2022-07
EN 50317/A1	Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line	29.280; 45.060.10	2022-07
EN 50377-4-3	Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 4-3: Type SC/APC simplex 9° terminated on EN 60793-2-50 of type B-652.D and B-657.A singlemode fibre with full zirconia ferrule, category OP	33.180.20	2022-07
EN 50388-1	Railway Applications – Fixed installations and rolling stock – Technical criteria for the coordination between electric traction power supply systems and rolling stock to achieve interoperability – Part 1: General	29.280; 45.060.01	2022-07
EN 50397-2	Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. – Part 2: Accessories for covered conductors – Tests and acceptance criteria	29.240.20	2022-07
EN 50397-3	Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. – Part 3: Guide to use	29.240.20	2022-07
EN 50419	Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)	01.080.40; 29.020; 31.020	2022-07
EN 50436-4	Alcohol interlocks – Test methods and performance requirements – Part 4: Connection and digital interface between the alcohol interlock and the vehicle	13.320; 43.040.10; 71.040.40	2022-07
EN 50715	Electromagnetic compatibility – Radio frequency emission – Statistical considerations in the determination of compliance for mass-produced products with requirements for unwanted radio frequency emission	33.100.10	2022-07
EN 60061-1/A63	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/AMD63:2022)	29.140.10	2022-07
EN 60061-2/A58	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/AMD58:2022)	29.140.10	2022-07
EN IEC 60086-1/AC	Primary batteries – Part 1: General (IEC 60086-1:2021/COR1:2022)	29.220.10	2022-07
EN IEC 60086-2/AC	Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:2021/COR1:2022)	29.220.10	2022-07
EN IEC 60086-5/AC	Primary batteries – Part 5: Safety of batteries with aqueous electrolyte (IEC 60086-5:2021/COR1:2022)	29.220.10	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60153-4	Hollow metallic waveguides – Part 4: Relevant specifications for circular waveguides (IEC 60153-4:2022)	33.120.10	2022-07
EN 60312-1/A11	Vacuum cleaners for household use – Part 1: Dry vacuum cleaners – Methods for measuring the performance	97.080	2022-07
EN IEC 60335-2-11	Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2019)	13.120; 97.060	2022-07
EN IEC 60335-2-62	Household and similar electrical appliances – Safety – Part 2-62: Particular requirements for commercial electric rinsing sinks (IEC 60335-2-62:2019)	97.040.40; 97.040.50	2022-07
EN IEC 60336/AC	Medical electrical equipment – X-ray tube assemblies for medical diagnosis – Focal spot dimensions and related characteristics (IEC 60336:2020/COR1:2022)	11.040.50	2022-07
EN IEC 60475	Method of sampling insulating liquids (IEC 60475:2022)	29.040.10	2022-07
EN IEC 60599	Mineral oil-filled electrical equipment in service – Guidance on the interpretation of dissolved and free gases analysis (IEC 60599:2022)	17.220.99; 29.040.10; 29.180	2022-07
EN IEC 60721-3-2/AC	Classification of environmental conditions – Part 3-2: Classification of groups of environmental parameters and their severities – Transportation and handling (IEC 60721-3-2:2018/COR2:2022)	19.040	2022-07
EN IEC 60953-0	Rules for steam turbine thermal acceptance tests – Part 0: Wide range of accuracy for various types and sizes of turbines (IEC 60953-0:2022)	27.040	2022-07
EN IEC 61131-9	Programmable controllers – Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI) (IEC 61131-9:2022)	25.040.40; 35.060; 35.240.50	2022-07
EN IEC 61169-71	Radio-frequency connectors – Part 71: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 5 mm – Characteristic impedance 50 Ohms – type NEX10® (IEC 61169-71:2022)	33.120.30	2022-07
EN IEC 61223-3-5/AC	Evaluation and routine testing in medical imaging departments – Part 3-5: Acceptance and constancy tests – Imaging performance of computed tomography X-ray equipment (IEC 61223-3-5:2019/COR1:2022)	11.040.50	2022-07
EN IEC 61290-1	Optical amplifiers – Test methods – Part 1: Power and gain parameters (IEC 61290-1:2022)	33.180.30	2022-07
EN 61643-31/AC	Low-voltage surge protective devices – Part 31: Requirements and test methods for SPDs for photovoltaic installations (IEC 61643-31:2018/COR1:2022)	27.160; 29.120.50; 29.240.01; 29.240.10	2022-07
EN IEC 61757-4-3/AC	Fibre optic sensors – Part 4-3: Electric current measurement – Polarimetric method (IEC 61757-4-3:2020/COR1:2022)	33.180.99	2022-07
EN IEC 61970-401	Energy management system application program interface (EMS-API) – Part 401: Profile framework (IEC 61970-401:2022)	33.200; 35.240.50	2022-07
EN IEC 62108	Concentrator photovoltaic (CPV) modules and assemblies – Design qualification and type approval (IEC 62108:2022)	27.160	2022-07
EN IEC 62271-203	High-voltage switchgear and controlgear – Part 203: AC gas-insulated metal-enclosed switchgear for rated voltages above 52 kV (IEC 62271-203:2022)	29.130.10	2022-07
EN IEC 62271-204	High-voltage switchgear and controlgear – Part 204: Rigid gas-insulated transmission lines for rated voltage above 52 kV (IEC 62271-204:2022)	29.130.10	2022-07
EN IEC 62485-5/AC	Safety requirements for secondary batteries and battery installations – Part 5: Safe operation of stationary lithium ion batteries (IEC 62485-5:2020/COR1:2022)	29.220.20	2022-07
EN IEC 62619	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications (IEC 62619:2022)	13.020-80; 29.220.30	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62657-2	Industrial networks – Coexistence of wireless systems – Part 2: Coexistence management (IEC 62657-2:2022)	25.040.40; 35.110	2022-07
EN IEC 62657-3	Industrial networks – Coexistence of wireless systems – Part 3: Formal description of the automated coexistence management and application guidance (IEC 62657-3:2022)	25.040.40; 35.110	2022-07
EN IEC 62657-4	Industrial networks – Coexistence of wireless systems – Part 4: Coexistence management with central coordination of wireless applications (IEC 62657-4:2022)	25.040.40; 35.110	2022-07
EN 62841-2-1/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-1: Particular requirements for hand-held drills and impact drills (IEC 62841-2-1:2017/AMD1:2021)	25.140.20	2022-07
EN 62841-2-1/A12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-1: Particular requirements for hand-held drills and impact drills	25.140.20	2022-07
EN IEC 62841-3-5	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-5: Particular requirements for transportable band saws (IEC 62841-3-5:2022)	25.140.20	2022-07
EN IEC 62841-3-5/A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-5: Particular requirements for transportable band saws	25.080.60; 25.140.20	2022-07
EN 62841-3-6/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-6: Particular requirements for transportable diamond drills with liquid system (IEC 62841-3-6:2014/AMD1:2022)	25.140.20	2022-07
EN 62841-3-6/A12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-6: Particular requirements for transportable diamond drills with liquid system	25.140.20	2022-07
EN 62841-3-10/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines (IEC 62841-3-10:2015/AMD1:2022)	25.140.20	2022-07
EN 62841-3-10/A12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines	25.140.20	2022-07
EN 62841-4-2/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers (IEC 62841-4-2:2017/AMD1:2022)	25.140.20	2022-07
EN 62841-4-2/A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers	25.140.20	2022-07
EN IEC 62985/AC	Methods for calculating size specific dose estimates (SSDE) for computed tomography (IEC 62985:2019/COR1:2022)	11.040.50	2022-07
EN IEC 63269	Maritime navigation and radiocommunication equipment and systems – Maritime survivor locating devices (man overboard devices) – Minimum requirements, methods of testing and required test results (IEC 63269:2022)	13.200; 47.020.70; 47.020.99	2022-07
EN ISO 1133-1	Plastics – Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics – Part 1: Standard method (ISO 1133-1:2022)	83.080.20	2022-07
EN ISO 4014	Fasteners – Hexagon head bolts – Product grades A and B (ISO 4014:2022)	21.060.10	2022-07
EN ISO 4015	Fasteners – Hexagon head bolts with reduced shank (shank diameter pitch diameter) – Product grade B (ISO 4015:2022)	21.060.10	2022-07
EN ISO 4016	Fasteners – Hexagon head bolts – Product grade C (ISO 4016:2022)	21.060.10	2022-07
EN ISO 4017	Fasteners – Hexagon head screws – Product grades A and B (ISO 4017:2022)	21.060.10	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 4018	Fasteners – Hexagon head screws – Product grade C (ISO 4018:2022)	21.060.10	2022-07
EN ISO 7622-2	Steel cord conveyor belts – Longitudinal traction test – Part 2: Measurement of tensile strength (ISO 7622-2:2022)	53.040.20	2022-07
CEN ISO/TR 8546	Hand protection – Guidance for selection and use (ISO/TR 8546:2022)	13.340.40	2022-07
EN ISO 8676	Fasteners – Hexagon head screws, with fine pitch thread – Product grades A and B (ISO 8676:2022)	21.060.10	2022-07
EN ISO 8765	Fasteners – Hexagon head bolts, with fine pitch thread – Product grades A and B (ISO 8765:2022)	21.060.10	2022-07
EN ISO 8848	Small craft – Remote mechanical steering systems (ISO 8848:2022)	47.080	2022-07
EN ISO 8980-3	Ophthalmic optics – Uncut finished spectacle lenses – Part 3: Transmittance specifications and test methods (ISO 8980-3:2022)	11.040.70	2022-07
EN ISO 10545-20	Ceramic tiles – Part 20: Determination of deflection of ceramic tiles for calculating their radius of curvature (ISO 10545-20:2022)	91.100.23	2022-07
EN ISO 10592	Small craft – Remote hydraulic steering systems (ISO 10592:2022)	47.080	2022-07
EN ISO 11638	Resilient floor coverings – Heterogeneous poly(vinyl chloride) flooring on foam – Specification (ISO 11638:2020, including corrected version 2021-09)	97.150	2022-07
EN ISO 12312-1	Eye and face protection – Sunglasses and related eyewear – Part 1: Sunglasses for general use (ISO 12312-1:2022)	13.340.20	2022-07
EN ISO 13577-4	Industrial furnaces and associated processing equipment – Safety – Part 4: Protective systems (ISO 13577-4:2022)	13.100; 25.180.01	2022-07
EN ISO 14644-8	Cleanrooms and associated controlled environments – Part 8: Assessment of air cleanliness by chemical concentration (ACC) (ISO 14644-8:2022)	13.040.35	2022-07
EN ISO 14708-2	Implants for surgery – Active implantable medical devices – Part 2: Cardiac pacemakers (ISO 14708-2:2019)	11.040.40	2022-07
EN ISO 14708-3	Implants for surgery – Active implantable medical devices – Part 3: Implantable neurostimulators (ISO 14708-3:2017)	11.040.40	2022-07
EN ISO 14708-4	Implants for surgery – Active implantable medical devices – Part 4: Implantable infusion pump systems (ISO 14708-4:2022)	11.040.40	2022-07
EN ISO 14708-5	Implants for surgery – Active implantable medical devices – Part 5: Circulatory support devices (ISO 14708-5:2020)	11.040.40	2022-07
EN ISO 14708-6	Implants for surgery – Active implantable medical devices – Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (ISO 14708-6:2019)	11.040.40	2022-07
EN ISO 14708-7	Implants for surgery – Active implantable medical devices – Part 7: Particular requirements for cochlear and auditory brainstem implant systems (ISO 14708-7:2019)	11.040.40	2022-07
EN ISO 16396-2	Plastics – Polyamide (PA) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 16396-2:2022)	83.080.20	2022-07
EN ISO 16628	Anaesthetic and respiratory equipment – Tracheobronchial tubes (ISO 16628:2022)	11.040.10	2022-07
EN ISO 19105	Geographic information – Conformance and testing (ISO 19105:2022)	35.240.70	2022-07
EN ISO 19901-2	Petroleum and natural gas industries – Specific requirements for offshore structures – Part 2: Seismic design procedures and criteria (ISO 19901-2:2022)	75.180.10	2022-07

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EN ISO 21856	Assistive products – General requirements and test methods (ISO 21856:2022)	11.180.01	2022-07
CEN ISO/TS 21911-2	Solid recovered fuels – Determination of self-heating – Part 2: Basket heating tests (ISO/TS 21911-2:2022)	75.160.10	2022-07
EN ISO 24199	Vapour products – Determination of nicotine in vapour product emissions – Gas chromatographic method (ISO 24199:2022)	65.160	2022-07
EN ISO 24584	Textiles – Smart textiles – Test method for sheet resistance of conductive textiles using non-contact type (ISO 24584:2022)	59.060.01	2022-07
EN ISO 28881	Machine tools – Safety – Electrical discharge machines (ISO 28881:2022)	25.080.01	2022-07

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Oznaka norme	Naslov norme	ICS	Datum objave
EN 16603-35-06	Space engineering – Cleanliness requirements for spacecraft propulsion hardware	49.140	2022-07
EN 16603-50	Space engineering – Communications	49.140	2022-07
EN 16603-50-21	Space engineering – Adoption Notice of CCSDS 131.0-B-3, TM Synchronization and Channel Coding	49.140	2022-07
EN 16603-50-22	Space engineering – Adoption Notice of CCSDS 132.0-B-2, TM Space Data Link Protocol	49.140	2022-07
EN 16603-50-23	Space engineering – Adoption Notice of CCSDS 732.0-B-3, AOS Space Data Link Protocol	49.140	2022-07
EN 16603-50-24	Space engineering – Adoption Notice of CCSDS 231.0-B-3, TC Synchronization and Channel Coding	49.140	2022-07
EN 16603-50-25	Space engineering – Adoption Notice of CCSDS 232.0-B-3, TC Space Data Link Protocol	49.140	2022-07
EN 16603-50-26	Space engineering – Adoption Notice of CCSDS 232.1-B-2, Communications Operation Procedure-1	49.140	2022-07
EN 50317/A1	Railway applications – Current collection systems – Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line	29.280; 45.060.10	2022-07
EN 50377-4-3	Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 4-3: Type SC/APC simplex 9° terminated on EN 60793-2-50 of type B-652.D and B-657.A singlemode fibre with full zirconia ferrule, category OP	33.180.20	2022-07
EN 50388-1	Railway Applications – Fixed installations and rolling stock – Technical criteria for the coordination between electric traction power supply systems and rolling stock to achieve interoperability – Part 1: General	29.280; 45.060.01	2022-07
EN 50397-2	Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. – Part 2: Accessories for covered conductors – Tests and acceptance criteria	29.240.20	2022-07
EN 50397-3	Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. – Part 3: Guide to use	29.240.20	2022-07
EN 50419	Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)	01.080.40; 29.020; 31.020	2022-07
EN 50436-4	Alcohol interlocks – Test methods and performance requirements – Part 4: Connection and digital interface between the alcohol interlock and the vehicle	13.320; 43.040.10; 71.040.40	2022-07
EN 50715	Electromagnetic compatibility – Radio frequency emission – Statistical considerations in the determination of compliance for mass-produced products with requirements for unwanted radio frequency emission	33.100.10	2022-07
EN 60061-1/A63	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 1: Lamp caps (IEC 60061-1:1969/AMD63:2022)	29.140.10	2022-07
EN 60061-2/A58	Lamp caps and holders together with gauges for the control of interchangeability and safety – Part 2: Lampholders (IEC 60061-2:1969/AMD58:2022)	29.140.10	2022-07
EN IEC 60086-1/AC	Primary batteries – Part 1: General (IEC 60086-1:2021/COR1:2022)	29.220.10	2022-07
EN IEC 60086-2/AC	Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:2021/COR1:2022)	29.220.10	2022-07
EN IEC 60086-5/AC	Primary batteries – Part 5: Safety of batteries with aqueous electrolyte (IEC 60086-5:2021/COR1:2022)	29.220.10	2022-07
EN IEC 60153-4	Hollow metallic waveguides – Part 4: Relevant specifications for circular waveguides (IEC 60153-4:2022)	33.120.10	2022-07
EN 60312-1/A11	Vacuum cleaners for household use – Part 1: Dry vacuum cleaners – Methods for measuring the performance	97.080	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60335-2-11	Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2019)	13.120; 97.060	2022-07
EN IEC 60335-2-62	Household and similar electrical appliances – Safety – Part 2-62: Particular requirements for commercial electric rinsing sinks (IEC 60335-2-62:2019)	97.040.40; 97.040.50	2022-07
EN IEC 60336/AC	Medical electrical equipment – X-ray tube assemblies for medical diagnosis – Focal spot dimensions and related characteristics (IEC 60336:2020/COR1:2022)	11.040.50	2022-07
EN IEC 60475	Method of sampling insulating liquids (IEC 60475:2022)	29.040.10	2022-07
EN IEC 60599	Mineral oil-filled electrical equipment in service – Guidance on the interpretation of dissolved and free gases analysis (IEC 60599:2022)	17.220.99; 29.040.10; 29.180	2022-07
EN IEC 60721-3-2/AC	Classification of environmental conditions – Part 3-2: Classification of groups of environmental parameters and their severities – Transportation and handling (IEC 60721-3-2:2018/COR2:2022)	19.040	2022-07
EN IEC 60953-0	Rules for steam turbine thermal acceptance tests – Part 0: Wide range of accuracy for various types and sizes of turbines (IEC 60953-0:2022)	27.040	2022-07
EN IEC 61131-9	Programmable controllers – Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI) (IEC 61131-9:2022)	25.040.40; 35.060; 35.240.50	2022-07
EN IEC 61169-71	Radio-frequency connectors – Part 71: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 5 mm – Characteristic impedance 50 Ohms – type NEX10® (IEC 61169-71:2022)	33.120.30	2022-07
EN IEC 61223-3-5/AC	Evaluation and routine testing in medical imaging departments – Part 3-5: Acceptance and constancy tests – Imaging performance of computed tomography X-ray equipment (IEC 61223-3-5:2019/COR1:2022)	11.040.50	2022-07
EN IEC 61290-1	Optical amplifiers – Test methods – Part 1: Power and gain parameters (IEC 61290-1:2022)	33.180.30	2022-07
EN 61643-31/AC	Low-voltage surge protective devices – Part 31: Requirements and test methods for SPDs for photovoltaic installations (IEC 61643-31:2018/COR1:2022)	27.160; 29.120.50; 29.240.01; 29.240.10	2022-07
EN IEC 61757-4-3/AC	Fibre optic sensors – Part 4-3: Electric current measurement – Polarimetric method (IEC 61757-4-3:2020/COR1:2022)	33.180.99	2022-07
EN IEC 61970-401	Energy management system application program interface (EMS-API) – Part 401: Profile framework (IEC 61970-401:2022)	33.200; 35.240.50	2022-07
EN IEC 62108	Concentrator photovoltaic (CPV) modules and assemblies – Design qualification and type approval (IEC 62108:2022)	27.160	2022-07
EN IEC 62271-203	High-voltage switchgear and controlgear – Part 203: AC gas-insulated metal-enclosed switchgear for rated voltages above 52 kV (IEC 62271-203:2022)	29.130.10	2022-07
EN IEC 62271-204	High-voltage switchgear and controlgear – Part 204: Rigid gasinsulated transmission lines for rated voltage above 52 kV (IEC 62271-204:2022)	29.130.10	2022-07
EN IEC 62485-5/AC	Safety requirements for secondary batteries and battery installations – Part 5: Safe operation of stationary lithium ion batteries (IEC 62485-5:2020/COR1:2022)	29.220.20	2022-07
EN IEC 62619	Secondary cells and batteries containing alkaline or other non- acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications (IEC 62619:2022)	13.020-80; 29.220.30	2022-07
EN IEC 62657-2	Industrial networks – Coexistence of wireless systems – Part 2: Coexistence management (IEC 62657-2:2022)	25.040.40; 35.110	2022-07
EN IEC 62657-3	Industrial networks – Coexistence of wireless systems – Part 3: Formal description of the automated coexistence management and application guidance (IEC 62657-3:2022)	25.040.40; 35.110	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62657-4	Industrial networks – Coexistence of wireless systems – Part 4: Coexistence management with central coordination of wireless applications (IEC 62657-4:2022)	25.040.40; 35.110	2022-07
EN 62841-2-1/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-1: Particular requirements for hand-held drills and impact drills (IEC 62841-2-1:2017/AMD1:2021)	25.140.20	2022-07
EN 62841-2-1/A12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-1: Particular requirements for hand-held drills and impact drills	25.140.20	2022-07
EN IEC 62841-3-5	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-5: Particular requirements for transportable band saws (IEC 62841-3-5:2022)	25.140.20	2022-07
EN IEC 62841-3-5/A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-5: Particular requirements for transportable band saws	25.080.60; 25.140.20	2022-07
EN 62841-3-6/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-6: Particular requirements for transportable diamond drills with liquid system (IEC 62841-3-6:2014/AMD1:2022)	25.140.20	2022-07
EN 62841-3-6/A12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-6: Particular requirements for transportable diamond drills with liquid system	25.140.20	2022-07
EN 62841-3-10/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines (IEC 62841-3-10:2015/AMD1:2022)	25.140.20	2022-07
EN 62841-3-10/A12	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines	25.140.20	2022-07
EN 62841-4-2/A1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers (IEC 62841-4-2:2017/AMD1:2022)	25.140.20	2022-07
EN 62841-4-2/A11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers	25.140.20	2022-07
EN IEC 62985/AC	Methods for calculating size specific dose estimates (SSDE) for computed tomography (IEC 62985:2019/COR1:2022)	11.040.50	2022-07
EN IEC 63269	Maritime navigation and radiocommunication equipment and systems – Maritime survivor locating devices (man overboard devices) – Minimum requirements, methods of testing and required test results (IEC 63269:2022)	13.200; 47.020.70; 47.020.99	2022-07
EN ISO 14708-2	Implants for surgery – Active implantable medical devices – Part 2: Cardiac pacemakers (ISO 14708-2:2019)	11.040.40	2022-07
EN ISO 14708-3	Implants for surgery – Active implantable medical devices – Part 3: Implantable neurostimulators (ISO 14708-3:2017)	11.040.40	2022-07
EN ISO 14708-4	Implants for surgery – Active implantable medical devices – Part 4: Implantable infusion pump systems (ISO 14708-4:2022)	11.040.40	2022-07
EN ISO 14708-5	Implants for surgery – Active implantable medical devices – Part 5: Circulatory support devices (ISO 14708-5:2020)	11.040.40	2022-07
EN ISO 14708-6	Implants for surgery – Active implantable medical devices – Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (ISO 14708-6:2019)	11.040.40	2022-07
EN ISO 14708-7	Implants for surgery – Active implantable medical devices – Part 7: Particular requirements for cochlear and auditory brainstem implant systems (ISO 14708-7:2019)	11.040.40	2022-07

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 100392-12-16 V 1.3.1	Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 16: Pre-emptive Priority Call (PPC)	33.070.10	2022-07
ETSI TS 103096-1 V 1.5.2	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for ITS Security – Part 1: Protocol Implementation Conformance Statement (PICS)	35.240.60	2022-07
ETSI TS 103096-2 V 1.5.2	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for ITS Security – Part 2: Test Suite Structure and Test Purposes (TSS & TP)	35.240.60	2022-07
ETSI TS 103096-3 V 1.5.2	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for ITS Security – Part 3: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT)	35.240.60	2022-07
ETSI TS 103325 V 1.2.1	Smart Body Area Network (SmartBAN) – Low Complexity Medium Access Control (MAC) for SmartBAN	33.040.40; 35.110	2022-07
ETSI TS 103525-1 V 1.2.2	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for ITS PKI management – Part 1: Protocol Implementation Conformance Statement (PICS)	35.240.60	2022-07
ETSI TS 103525-2 V 1.2.2	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for ITS PKI management – Part 2: Test Suite Structure and Test Purposes (TSS & TP)	35.240.60	2022-07
ETSI TS 103525-3 V 1.2.2	Intelligent Transport Systems (ITS) – Testing – Conformance test specifications for ITS PKI management – Part 3: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT)	35.240.60	2022-07
ETSI TS 103836-3 V 2.0.0	Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 3: Network Architecture – Release 2	35.240.60	2022-07
ETSI TS 103898 V 2.0.0	Intelligent Transport Systems (ITS) – Communications Architecture – Release 2	35.240.60	2022-07
ETSI TS 103899 V 2.0.0	Intelligent Transport Systems (ITS) – Vehicular Communications – Geographical Area Definition – Release 2	35.240.60	2022-07
ETSI TS 103900 V 2.0.0	Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Specification of Cooperative Awareness Basic Service – Release 2	35.240.60	2022-07
ETSI TR 121900 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Technical Specification Group working methods (3GPP TR 21.900 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TR 121916 V 16.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Release 16 Description – Summary of Rel-16 Work Items (3GPP TR 21.916 version 16.2.0 Release 16)	33.070.50	2022-07
ETSI TS 122011 V 17.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service accessibility (3GPP TS 22.011 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 122101 V 17.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 122115 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Charging and billing (3GPP TS 22.115 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 123003 V 17.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 123122 V 17.7.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 17.7.1 Release 17)	33.070.50	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123216 V 16.7.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 16.7.0 Release 16)	33.070.50	2022-07
ETSI TS 123216 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 123222 V 15.5.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 15.5.0 Release 15)	33.070.99	2022-07
ETSI TS 123222 V 16.11.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 16.11.0 Release 16)	33.070.99	2022-07
ETSI TS 123222 V 17.6.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 123247 V 17.3.0	5G – Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 123256 V 17.3.0	5G – Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking – Stage 2 (3GPP TS 23.256 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 123273 V 16.10.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 16.10.0 Release 16)	33.070.50	2022-07
ETSI TS 123273 V 17.5.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 123285 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for V2X services (3GPP TS 23.285 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 123286 V 17.4.0	LTE – Application layer support for Vehicle-to-Everything (V2X) services – Functional architecture and information flows (3GPP TS 23.286 version 17.4.0 Release 17)	33.070.99	2022-07
ETSI TS 123287 V 16.7.0	5G – Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 16.7.0 Release 16)	33.070.50	2022-07
ETSI TS 123287 V 17.3.0	5G – Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 123288 V 16.11.0	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 16.11.0 Release 16)	33.070.50	2022-07
ETSI TS 123288 V 17.5.0	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 123289 V 17.2.0	5G – Mission Critical services over 5G System – Stage 2 (3GPP TS 23.289 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 123304 V 17.3.0	5G – Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 123316 V 16.8.0	5G – Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 16.8.0 Release 16)	33.070.50	2022-07
ETSI TS 123316 V 17.3.0	5G – Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 123334 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 123401 V 17.5.0	LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 17.5.0 Release 17)	33.070.50	2022-07

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ETSI TS 123434 V 17.6.0	5G – Service Enabler Architecture Layer for Verticals (SEAL) – Functional architecture and information flows (3GPP TS 23.434 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 123501 V 16.13.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.13.0 Release 16)	33.070.50	2022-07
ETSI TS 123501 V 17.5.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 123502 V 15.16.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.16.0 Release 15)	33.070.50	2022-07
ETSI TS 123502 V 16.13.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.13.0 Release 16)	33.070.50	2022-07
ETSI TS 123502 V 17.5.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 123503 V 16.12.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 16.12.0 Release 16)	33.070.50	2022-07
ETSI TS 123503 V 17.5.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 123527 V 16.7.0	5G – 5G System – Restoration procedures (3GPP TS 23.527 version 16.7.0 Release 16)	33.070.99	2022-07
ETSI TS 123527 V 17.4.1	5G – 5G System – Restoration procedures (3GPP TS 23.527 version 17.4.1 Release 17)	33.070.99	2022-07
ETSI TS 123540 V 17.0.0	5G – 5G System: Technical realization of Service Based Short Message Service – Stage 2 (3GPP TS 23.540 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 123548 V 17.3.0	5G – 5G System Enhancements for Edge Computing – Stage 2 (3GPP TS 23.548 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 123558 V 17.4.0	5G – Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.4.0 Release 17)	33.070.50	2022-07
ETSI TS 123632 V 16.6.0	LTE – 5G – User data interworking, coexistence and migration – Stage 2 (3GPP TS 23.632 version 16.6.0 Release 16)	33.070.99	2022-07
ETSI TS 123632 V 17.2.0	LTE – 5G – User data interworking, coexistence and migration – Stage 2 (3GPP TS 23.632 version 17.2.0 Release 17)	33.070.99	2022-07
ETSI TS 123682 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements to facilitate communications with packet data networks and applications (3GPP TS 23.682 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 124007 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile radio interface signalling layer 3 – General Aspects (3GPP TS 24.007 version 17.4.0 Release 17)	33.070.50	2022-07
ETSI TS 124008 V 17.7.0	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 17.7.0 Release 17)	33.070.50	2022-07
ETSI TS 124011 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface (3GPP TS 24.011 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 124109 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details (3GPP TS 24.109 version 17.2.0 Release 17)	33.070.50	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124174 V 17.6.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Support of multi-device and multi-identity in the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 24.174 version 17.6.0 Release 17)	33.070.50; 33.070.99	2022-07
ETSI TS 124175 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Management Object (MO) for multi-device and multi-identity in the IP Multimedia Subsystem (IMS) (3GPP TS 24.175 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 124193 V 17.5.0	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 124237 V 17.2.0	Universal Mobile Telecommunications System(UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity – Stage 3 (3GPP TS 24.237 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 124257 V 17.1.0	5G – Uncrewed Aerial System (UAS) Application Enabler (UAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.257 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 124282 V 17.7.0	LTE – Mission Critical Data (MCDData) signalling control – Protocol specification (3GPP TS 24.282 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 124301 V 17.7.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 17.7.0 Release 17)	33.070.50	2022-07
ETSI TS 124302 V 17.5.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks – Stage 3 (3GPP TS 24.302 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 124323 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – 3GPP IP Multimedia Subsystem (IMS) service level tracing Management Object (MO) (3GPP TS 24.323 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 124368 V 17.3.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Non-Access Stratum (NAS) configuration Management Object (MO) (3GPP TS 24.368 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 124417 V 17.1.0	LTE – 5G – Management Object (MO) for Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem (3GPP TS 24.417 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 124483 V 14.11.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 14.11.0 Release 14)	33.070.99	2022-07
ETSI TS 124483 V 15.9.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 15.9.0 Release 15)	33.070.99	2022-07
ETSI TS 124483 V 16.8.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 16.8.0 Release 16)	33.070.99	2022-07
ETSI TS 124483 V 17.7.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 124484 V 14.13.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 14.13.0 Release 14)	33.070.99	2022-07
ETSI TS 124484 V 15.12.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 15.12.0 Release 15)	33.070.99	2022-07
ETSI TS 124484 V 16.12.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 124484 V 17.6.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 17.6.0 Release 17)	33.070.99	2022-07

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ETSI TS 124486 V 17.4.0	LTE – 5G – Vehicle-to-Everything (V2X) Application Enabler (VAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.486 version 17.4.0 Release 17)	33.070.99	2022-07
ETSI TS 124502 V 16.9.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 16.9.0 Release 16)	33.070.99	2022-07
ETSI TS 124502 V 17.6.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 124519 V 16.6.0	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 16.6.0 Release 16)	33.070.99	2022-07
ETSI TS 124526 V 16.8.0	5G – User Equipment (UE) policies for 5G System (5GS) – Stage 3 (3GPP TS 24.526 version 16.8.0 Release 16)	33.070.99	2022-07
ETSI TS 124526 V 17.7.0	5G – User Equipment (UE) policies for 5G System (5GS) – Stage 3 (3GPP TS 24.526 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 124538 V 17.0.0	5G – Enabling MSGin5G Service – Protocol specification (3GPP TS 24.538 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 124539 V 17.5.0	5G – 5G System (5GS) – Network to TSN translator (TT) protocol aspects – Stage 3 (3GPP TS 24.539 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 124544 V 17.3.0	5G – Group Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.544 version 17.3.0 Release 17)	33.070.99	2022-07
ETSI TS 124545 V 16.5.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 16.5.0 Release 16)	33.070.99	2022-07
ETSI TS 124545 V 17.3.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 17.3.0 Release 17)	33.070.99	2022-07
ETSI TS 124546 V 17.3.0	5G – Configuration management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.546 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 124547 V 17.2.0	5G – Identity management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.547 version 17.2.0 Release 17)	33.070.99	2022-07
ETSI TS 124548 V 17.1.0	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 124549 V 17.1.0	5G – Network slice capability enablement- Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification – Stage 3 (3GPP TS 24.549 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 124554 V 17.1.0	5G – Proximity-services (ProSe) in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.554 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 124555 V 17.1.0	5G – Proximity-services (ProSe) in 5G System (5GS) – User Equipment (UE) policies – Stage 3 (3GPP TS 24.555 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 125402 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – Synchronisation in UTRAN Stage 2 (3GPP TS 25.402 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 125467 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – UTRAN architecture for 3G Home Node B (HNB) – Stage 2 (3GPP TS 25.467 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 125484 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – Automatic Neighbour Relation (ANR) for UTRAN – Stage 2 (3GPP TS 25.484 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 126114 V 17.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 17.5.0 Release 17)	33.070.50	2022-07

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ETSI TS 126223 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – Telepresence using the IP Multimedia Subsystem (IMS) – Media handling and interaction (3GPP TS 26.223 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 126247 V 16.6.0	Universal Mobile Telecommunications System(UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 16.6.0 Release 16)	33.070.50	2022-07
ETSI TS 126247 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 126346 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 126347 V 17.1.0	LTE – Multimedia Broadcast/Multicast Service (MBMS) – Application Programming Interface and URL (3GPP TS 26.347 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 126348 V 17.1.0	LTE – 5G – Northbound Application Programming Interface (API) for Multimedia Broadcast/Multicast Service (MBMS) at the xMB reference point (3GPP TS 26.348 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 126501 V 17.2.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 126502 V 17.1.0	5G – 5G Multicast-Broadcast User Service Architecture (3GPP TS 26.502 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 126512 V 16.6.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 16.6.0 Release 16)	33.070.50	2022-07
ETSI TS 126512 V 17.1.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 126517 V 17.0.0	LTE – 5G – 5G Multicast-Broadcast User Services – Protocols and Formats (3GPP TS 26.517 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 126531 V 17.0.0	5G – Data Collection and Reporting – General Description and Architecture (3GPP TS 26.531 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 126532 V 17.0.0	5G – Data Collection and Reporting – Protocols and Formats (3GPP TS 26.532 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TR 126955 V 17.0.0	5G – Video codec characteristics for 5G-based services and applications (3GPP TR 26.955 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 128104 V 17.0.1	5G – Management and orchestration – Management Data Analytics (MDA) (3GPP TS 28.104 version 17.0.1 Release 17)	33.070.50	2022-07
ETSI TS 128105 V 17.0.0	5G – Management and orchestration – Artificial Intelligence/ Machine Learning (AI/ML) management (3GPP TS 28.105 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 128312 V 17.0.1	LTE – 5G – Management and orchestration – Intent driven management services for mobile networks (3GPP TS 28.312 version 17.0.1 Release 17)	33.070.50	2022-07
ETSI TS 128313 V 17.5.0	5G – Management and orchestration – Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 128404 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Quality of Experience (QoE) measurement collection – Concepts, use cases and requirements (3GPP TS 28.404 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 128405 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Quality of Experience (QoE) measurement collection – Control and configuration (3GPP TS 28.405 version 17.2.0 Release 17)	33.070.50	2022-07

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ETSI TS 128531 V 17.4.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 17.4.0 Release 17)	33.070.50	2022-07
ETSI TS 128532 V 16.11.1	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 16.11.1 Release 16)	33.070.50	2022-07
ETSI TS 128532 V 17.1.1	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 17.1.1 Release 17)	33.070.50	2022-07
ETSI TS 128535 V 17.5.0	LTE – 5G – Management and orchestration – Management services for communication service assurance – Requirements (3GPP TS 28.535 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 128537 V 17.3.0	5G – Management and orchestration – Management capabilities (3GPP TS 28.537 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 128538 V 17.1.0	5G – Management and orchestration – Edge Computing Management (3GPP TS 28.538 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 128550 V 16.9.0	5G – Management and orchestration – Performance assurance (3GPP TS 28.550 version 16.9.0 Release 16)	33.070.50	2022-07
ETSI TS 128550 V 17.1.0	5G – Management and orchestration – Performance assurance (3GPP TS 28.550 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 128552 V 16.14.1	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 16.14.1 Release 16)	33.070.50	2022-07
ETSI TS 128552 V 17.7.1	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 17.7.1 Release 17)	33.070.50	2022-07
ETSI TS 128554 V 16.10.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 16.10.0 Release 16)	33.070.50	2022-07
ETSI TS 128554 V 17.7.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 17.7.0 Release 17)	33.070.50	2022-07
ETSI TS 128622 V 16.12.1	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 16.12.1 Release 16)	33.070.50	2022-07
ETSI TS 128622 V 17.2.0	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 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 128623 V 16.11.2	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 16.11.2 Release 16)	33.070.50	2022-07
ETSI TS 128623 V 17.2.2	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 17.2.2 Release 17)	33.070.50	2022-07
ETSI TS 128658 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.658 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 128659 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.659 version 17.1.0 Release 17)	33.070.50	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129002 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 129060 V 15.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System(UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 15.6.0 Release 15)	33.070.50	2022-07
ETSI TS 129060 V 16.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System(UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 16.1.0 Release 16)	33.070.50	2022-07
ETSI TS 129060 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System(UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 129229 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System(UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 129244 V 16.10.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 129244 V 17.5.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129256 V 17.1.0	5G – Uncrewed Aerial Systems Network Function (UAS-NF) – Aerial Management Services – Stage 3 (3GPP TS 29.256 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129272 V 16.7.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 16.7.0 Release 16)	33.070.50	2022-07
ETSI TS 129272 V 17.3.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 129273 V 17.3.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 129274 V 17.6.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 129281 V 17.3.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 129309 V 17.1.0	5G – Bootstrapping Server Function (GBA BSF) Services (3GPP TS 29.309 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129334 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System(UMTS) – LTE – IMS Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) – Iq Interface – Stage 3 (3GPP TS 29.334 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 129338 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 17.1.0 Release 17)	33.070.50	2022-07

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ETSI TS 129413 V 16.4.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 16.4.0 Release 16)	33.070.99	2022-07
ETSI TS 129413 V 17.1.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 129500 V 17.7.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 129501 V 17.6.0	5G – 5G System – Principles and Guidelines for Services Definition – Stage 3 (3GPP TS 29.501 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 129502 V 16.12.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 129502 V 17.5.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129503 V 16.12.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 129503 V 17.7.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 129504 V 17.7.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 129505 V 17.7.0	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 129509 V 15.8.0	5G – 5G System – Authentication Server Services – Stage 3 (3GPP TS 29.509 version 15.8.0 Release 15)	33.070.99	2022-07
ETSI TS 129509 V 16.10.0	5G – 5G System – Authentication Server Services – Stage 3 (3GPP TS 29.509 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 129509 V 17.6.0	5G – 5G System – Authentication Server Services – Stage 3 (3GPP TS 29.509 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 129510 V 16.12.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 129510 V 17.6.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 129511 V 17.3.0	5G – 5G System – Equipment Identity Register Services – Stage 3 (3GPP TS 29.511 version 17.3.0 Release 17)	33.070.99	2022-07
ETSI TS 129515 V 17.5.0	5G – 5G System – Gateway Mobile Location Services – Stage 3 (3GPP TS 29.515 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129518 V 16.12.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 129518 V 17.6.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 129521 V 17.5.0	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129522 V 16.11.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 16.11.0 Release 16)	33.070.99	2022-07
ETSI TS 129522 V 17.6.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 129523 V 17.7.0	5G – 5G System – Policy Control Event Exposure Service – Stage 3 (3GPP TS 29.523 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 129525 V 16.11.0	5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 16.11.0 Release 16)	33.070.99	2022-07
ETSI TS 129525 V 17.7.0	5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 17.7.0 Release 17)	33.070.99	2022-07

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ETSI TS 129526 V 17.5.0	5G – 5G System – Network Slice-Specific and SNPN Authentication and Authorization services – Stage 3 (3GPP TS 29.526 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129531 V 17.5.0	5G – 5G System – Network Slice Selection Services – Stage 3 (3GPP TS 29.531 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129532 V 17.1.0	5G – 5G System – 5G Multicast-Broadcast Session Management Services – Stage 3 (3GPP TS 29.532 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129534 V 17.1.0	5G – 5G System – Access and Mobility Policy Authorization Service – Stage 3 (3GPP TS 29.534 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129535 V 17.5.0	5G – 5G System – AKMA Anchor Services – Stage 3 (3GPP TS 29.535 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 129536 V 17.1.0	5G – 5G System – Network Slice Admission Control Services – Stage 3 (3GPP TS 29.536 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129538 V 17.1.0	5G – Enabling MSGin5G Service – Application Programming Interfaces (API) specification – Stage 3 (3GPP TS 29.538 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129540 V 17.5.0	5G – 5G System – SMS Services – Stage 3 (3GPP TS 29.540 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129541 V 17.3.0	LTE – 5G – 5G System – Network Exposure (NE) function services for Non-IP Data Delivery (NIDD) – Stage 3 (3GPP TS 29.541 version 17.3.0 Release 17)	33.070.99	2022-07
ETSI TS 129542 V 17.4.0	LTE – 5G – 5G System – Session management services for Non-IP Data Delivery (NIDD) – Stage 3 (3GPP TS 29.542 version 17.4.0 Release 17)	33.070.50	2022-07
ETSI TS 129544 V 17.3.0	5G – 5G System – Secured Packet Application Function (SP-AF) services – Stage 3 (3GPP TS 29.544 version 17.3.0 Release 17)	33.070.99	2022-07
ETSI TS 129549 V 16.5.0	LTE – 5G – Service Enabler Architecture Layer for Verticals (SEAL) – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.549 version 16.5.0 Release 16)	33.070.99	2022-07
ETSI TS 129549 V 17.5.0	LTE – 5G – Service Enabler Architecture Layer for Verticals (SEAL) – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.549 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129550 V 16.5.0	5G – 5G System – Steering of roaming application function services – Stage 3 (3GPP TS 29.550 version 16.5.0 Release 16)	33.070.99	2022-07
ETSI TS 129550 V 17.4.0	5G – 5G System – Steering of roaming application function services – Stage 3 (3GPP TS 29.550 version 17.4.0 Release 17)	33.070.99	2022-07
ETSI TS 129551 V 15.12.0	5G – 5G System – Packet Flow Description Management Service – Stage 3 (3GPP TS 29.551 version 15.12.0 Release 15)	33.070.99	2022-07
ETSI TS 129551 V 16.11.0	5G – 5G System – Packet Flow Description Management Service – Stage 3 (3GPP TS 29.551 version 16.11.0 Release 16)	33.070.99	2022-07
ETSI TS 129551 V 17.7.0	5G – 5G System – Packet Flow Description Management Service – Stage 3 (3GPP TS 29.551 version 17.7.0 Release 17)	33.070.99	2022-07
ETSI TS 129552 V 17.1.0	5G – 5G System – Network Data Analytics signalling flows – Stage 3 (3GPP TS 29.552 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129554 V 17.4.0	5G – 5G System – Background Data Transfer Policy Control Service – Stage 3 (3GPP TS 29.554 version 17.4.0 Release 17)	33.070.99	2022-07
ETSI TS 129555 V 17.1.0	5G – 5G System – 5G Direct Discovery Name Management Services – Stage 3 (3GPP TS 29.555 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129556 V 17.1.0	5G – Edge Application Server Discovery Services – Stage 3 (3GPP TS 29.556 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129557 V 17.1.0	5G – 5G System – Application Function ProSe Service – Stage 3 (3GPP TS 29.557 version 17.1.0 Release 17)	33.070.50	2022-07

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ETSI TS 129558 V 17.0.0	5G – Enabling Edge Applications – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.558 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 129559 V 17.0.0	5G – 5G System – 5G ProSe Key Management Services – Stage 3 (3GPP TS 29.559 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 129561 V 17.6.0	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 129562 V 17.5.0	5G – 5G System – Home Subscriber Server (HSS) services – Stage 3 (3GPP TS 29.562 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129563 V 17.5.0	5G – 5G System – Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM) – Stage 3 (3GPP TS 29.563 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129564 V 17.1.0	5G – 5G System – User Plane Function Services – Stage 3 (3GPP TS 29.564 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129565 V 17.0.0	5G – 5G System – Time Sensitive Communication and Time Synchronization Function Services – Stage 3 (3GPP TS 29.565 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 129571 V 15.7.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 15.7.0 Release 15)	33.070.99	2022-07
ETSI TS 129571 V 16.12.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 129571 V 17.6.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 129572 V 17.5.0	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129573 V 16.10.0	5G – 5G System – Public Land Mobile Network (PLMN) Interconnection – Stage 3 (3GPP TS 29.573 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 129573 V 17.5.0	5G – 5G System – Public Land Mobile Network (PLMN) Interconnection – Stage 3 (3GPP TS 29.573 version 17.5.0 Release 17)	33.070.99	2022-07
ETSI TS 129574 V 17.1.0	5G – 5G System – Data Collection Coordination Services – Stage 3 (3GPP TS 29.574 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129575 V 17.1.0	5G – 5G System – Analytics Data Repository Services – Stage 3 (3GPP TS 29.575 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129576 V 17.1.0	5G – 5G System – Messaging Framework Adaptor Services – Stage 3 (3GPP TS 29.576 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129577 V 17.0.0	5G – 5G System – IP Short Message Gateway and SMS Router For Short Message Services – Stage 3 (3GPP TS 29.577 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 129578 V 17.0.0	5G – 5G System – Mobile Number Portability Services – Stage 3 (3GPP TS 29.578 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 129579 V 17.0.0	5G – 5G System – Interworking MSC For Short Message Services – Stage 3 (3GPP TS 29.579 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 129581 V 17.0.0	5G – 5G System – Multicast/Broadcast Service Transport Services – Stage 3 (3GPP TS 29.581 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 129591 V 17.6.0	5G – 5G System – Network Exposure Function Southbound Services – Stage 3 (3GPP TS 29.591 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 129594 V 17.4.0	5G – 5G System – Spending Limit Control Service – Stage 3 (3GPP TS 29.594 version 17.4.0 Release 17)	33.070.99	2022-07
ETSI TS 129598 V 17.6.0	5G – Unstructured data storage services (3GPP TS 29.598 version 17.6.0 Release 17)	33.070.99	2022-07

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ETSI TS 129641 V 17.1.0	5G – 3GPP Registry for Service Names and Port Numbers (3GPP TS 29.641 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 129673 V 17.4.0	LTE – 5G – 5G System – UE radio capability management services – Stage 3 (3GPP TS 29.673 version 17.4.0 Release 17)	33.070.50	2022-07
ETSI TS 129675 V 17.6.0	LTE – 5G – User Equipment (UE) radio capability provisioning service – Stage 3 (3GPP TS 29.675 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TR 129941 V 17.2.0	5G – Guidelines on Port Allocation for New 3GPP Interfaces (3GPP TR 29.941 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 131101 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – UICC-terminal interface – Physical and logical characteristics (3GPP TS 31.101 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 131111 V 17.4.0	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 17.4.0 Release 17)	33.070.50	2022-07
ETSI TS 131122 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132156 V 16.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 16.6.0 Release 16)	33.070.50	2022-07
ETSI TS 132156 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132158 V 16.6.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.6.0 Release 16)	33.070.50	2022-07
ETSI TS 132158 V 17.1.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132160 V 17.4.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 17.4.0 Release 17)	33.070.50	2022-07
ETSI TS 132240 V 17.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging architecture and principles (3GPP TS 32.240 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 132254 V 16.5.0	LTE – 5G – Telecommunication management – Charging management – Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 16.5.0 Release 16)	33.070.50	2022-07
ETSI TS 132254 V 17.1.0	LTE – 5G – Telecommunication management – Charging management – Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132255 V 16.12.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 16.12.0 Release 16)	33.070.50	2022-07
ETSI TS 132255 V 17.6.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 132256 V 17.1.0	5G – Charging management – 5G connection and mobility domain charging – Stage 2 (3GPP TS 32.256 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132257 V 17.0.1	5G – Telecommunication management – Charging management – Edge computing domain charging (3GPP TS 32.257 version 17.0.1 Release 17)	33.070.50	2022-07

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ETSI TS 132260 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 132274 V 15.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Short Message Service (SMS) charging (3GPP TS 32.274 version 15.4.0 Release 15)	33.070.50	2022-07
ETSI TS 132274 V 16.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Short Message Service (SMS) charging (3GPP TS 32.274 version 16.4.0 Release 16)	33.070.50	2022-07
ETSI TS 132274 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Short Message Service (SMS) charging (3GPP TS 32.274 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132277 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Proximity-based Services (ProSe) charging (3GPP TS 32.277 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 132290 V 17.5.0	5G – Telecommunication management – Charging management – 5G system – Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 132291 V 16.12.0	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 16.12.0 Release 16)	33.070.50	2022-07
ETSI TS 132291 V 17.3.0	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 132297 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) file format and transfer (3GPP TS 32.297 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132298 V 16.11.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 16.11.0 Release 16)	33.070.50	2022-07
ETSI TS 132298 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 132406 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain (3GPP TS 32.406 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132422 V 16.10.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 16.10.0 Release 16)	33.070.50	2022-07
ETSI TS 132422 V 17.7.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 17.7.1 Release 17)	33.070.50	2022-07

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ETSI TS 132423 V 16.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 16.6.0 Release 16)	33.070.50	2022-07
ETSI TS 132423 V 17.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 17.4.0 Release 17)	33.070.50	2022-07
ETSI TS 132452 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home Node B (HNB) Subsystem (HNS) (3GPP TS 32.452 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132511 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Automatic Neighbour Relation (ANR) management – Concepts and requirements (3GPP TS 32.511 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 132592 V 17.1.0	LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 133127 V 16.11.0	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 16.11.0 Release 16)	33.070.50	2022-07
ETSI TS 133127 V 17.5.0	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 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 133128 V 15.9.0	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 15.9.0 Release 15)	33.070.50	2022-07
ETSI TS 133128 V 16.11.0	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 16.11.0 Release 16)	33.070.50	2022-07
ETSI TS 133128 V 17.5.0	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 17.5.0 Release 17)	33.070.50	2022-07
ETSI TS 133220 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) (3GPP TS 33.220 version 17.3.0 Release 17)	33.070.50	2022-07
ETSI TS 133222 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) (3GPP TS 33.222 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 133256 V 17.1.0	5G – Security aspects of Uncrewed Aerial Systems (UAS) (3GPP TS 33.256 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 133310 V 16.10.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 16.10.0 Release 16)	33.070.50	2022-07
ETSI TS 133310 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 17.3.0 Release 17)	33.070.50	2022-07

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ETSI TS 133401 V 17.2.0	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 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 133434 V 17.2.0	LTE – 5G – Security aspects of Service Enabler Architecture Layer (SEAL) for verticals (3GPP TS 33.434 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 133501 V 15.16.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.16.0 Release 15)	33.070.50	2022-07
ETSI TS 133501 V 16.11.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.11.0 Release 16)	33.070.50	2022-07
ETSI TS 133501 V 17.6.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 133503 V 17.0.1	5G – Security Aspects of Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 33.503 version 17.0.1 Release 17)	33.070.50	2022-07
ETSI TS 133521 V 17.2.0	5G – 5G Security Assurance Specification (SCAS) – Network Data Analytics Function (NWDAF) (3GPP TS 33.521 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 133535 V 17.6.0	5G – Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS) (3GPP TS 33.535 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 133536 V 16.5.0	LTE – 5G – Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services (3GPP TS 33.536 version 16.5.0 Release 16)	33.070.50	2022-07
ETSI TS 133536 V 17.1.0	LTE – 5G – Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services (3GPP TS 33.536 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 133558 V 17.1.0	5G – Security aspects of enhancement of support for enabling edge applications (3GPP TS 33.558 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TR 133926 V 16.5.0	LTE – 5G – Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 16.5.0 Release 16)	33.070.50	2022-07
ETSI TR 133926 V 17.4.0	LTE – 5G – Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 17.4.0 Release 17)	33.070.50	2022-07
ETSI TR 133969 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on security aspects of Public Warning System (PWS) (3GPP TR 33.969 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 134123-1 V 15.6.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 15.6.0 Release 15)	33.070.50	2022-07
ETSI TS 134123-3 V 16.3.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 16.3.0 Release 16)	33.070.50	2022-07
ETSI TS 134124 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 136104 V 17.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 136124 V 13.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 13.2.0 Release 13)	33.070.50	2022-07

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ETSI TS 136124 V 14.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 14.2.0 Release 14)	33.070.50	2022-07
ETSI TS 136124 V 15.4.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 15.4.0 Release 15)	33.070.50	2022-07
ETSI TS 136124 V 16.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 16.3.0 Release 16)	33.070.50	2022-07
ETSI TS 136124 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 136141 V 16.14.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 16.14.0 Release 16)	33.070.50	2022-07
ETSI TS 136141 V 17.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 136171 V 16.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 16.5.0 Release 16)	33.070.50	2022-07
ETSI TS 136171 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 136307 V 13.15.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 13.15.0 Release 13)	33.070.50	2022-07
ETSI TS 136307 V 14.12.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 14.12.0 Release 14)	33.070.50	2022-07
ETSI TS 136307 V 15.9.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 15.9.0 Release 15)	33.070.50	2022-07
ETSI TS 136307 V 16.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 16.5.0 Release 16)	33.070.50	2022-07
ETSI TS 136307 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 136401 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description (3GPP TS 36.401 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 136413 V 16.10.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.10.0 Release 16)	33.070.50	2022-07
ETSI TS 136413 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 136423 V 16.10.1	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.10.1 Release 16)	33.070.50	2022-07

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ETSI TS 136423 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 137104 V 15.17.0	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 15.17.0 Release 15)	33.070.50	2022-07
ETSI TS 137104 V 16.14.0	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 16.14.0 Release 16)	33.070.50	2022-07
ETSI TS 137104 V 17.6.0	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 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 137105 V 15.17.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 15.17.0 Release 15)	33.070.99	2022-07
ETSI TS 137105 V 16.12.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 137105 V 17.6.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 137141 V 15.18.0	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 15.18.0 Release 15)	33.070.50	2022-07
ETSI TS 137141 V 17.6.0	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 17.6.0 Release 17)	33.070.50	2022-07
ETSI TS 137145-1 V 15.14.0	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 15.14.0 Release 15)	33.070.99	2022-07
ETSI TS 137145-1 V 16.11.0	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 16.11.0 Release 16)	33.070.99	2022-07
ETSI TS 137145-1 V 17.6.0	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 17.6.0 Release 17)	33.070.99	2022-07
ETSI TS 137145-2 V 15.15.0	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 15.15.0 Release 15)	33.070.99	2022-07
ETSI TS 137145-2 V 16.12.0	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 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 137145-2 V 17.6.0	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 17.6.0 Release 17)	33.070.99	2022-07

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ETSI TS 137213 V 16.9.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 16.9.0 Release 16)	33.070.99	2022-07
ETSI TS 137213 V 17.2.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 17.2.0 Release 17)	33.070.99	2022-07
ETSI TS 137461 V 15.5.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – luant interface: Layer 1 (3GPP TS 37.461 version 15.5.0 Release 15)	33.070.99	2022-07
ETSI TS 137461 V 16.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – luant interface: Layer 1 (3GPP TS 37.461 version 16.1.0 Release 16)	33.070.99	2022-07
ETSI TS 137461 V 17.1.0	Universal Mobile Telecommunications System(UMTS) – LTE – 5G – luant interface: Layer 1 (3GPP TS 37.461 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 137473 V 16.9.0	LTE – 5G – W1 interface – Application Protocol (W1AP) (3GPP TS 37.473 version 16.9.0 Release 16)	33.070.50	2022-07
ETSI TS 137473 V 17.1.0	LTE – 5G – W1 interface – Application Protocol (W1AP) (3GPP TS 37.473 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 137480 V 17.1.0	5G – E1 general aspects and principles (3GPP TS 37.480 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 137482 V 17.1.0	5G – E1 signalling transport (3GPP TS 37.482 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 137483 V 17.1.0	5G – E1 Application Protocol (E1AP) (3GPP TS 37.483 version 17.1.0 Release 17)	33.070.50	2022-07
ETSI TS 138101-1 V 15.18.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.18.0 Release 15)	33.070.99	2022-07
ETSI TS 138101-1 V 16.12.1	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.12.1 Release 16)	33.070.99	2022-07
ETSI TS 138101-3 V 15.18.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 15.18.0 Release 15)	33.070.99	2022-07
ETSI TS 138101-3 V 16.12.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 138101-5 V 17.0.0	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 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 138108 V 17.0.0	5G – NR – Satellite Node radio transmission and reception (3GPP TS 38.108 version 17.0.0 Release 17)	33.070.50	2022-07
ETSI TS 138133 V 15.18.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.18.0 Release 15)	33.070.99	2022-07
ETSI TS 138133 V 16.12.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.12.0 Release 16)	33.070.99	2022-07
ETSI TS 138202 V 17.2.0	5G – NR – Services provided by the physical layer (3GPP TS 38.202 version 17.2.0 Release 17)	33.070.99	2022-07
ETSI TS 138211 V 16.10.0	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 138211 V 17.2.0	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 17.2.0 Release 17)	33.070.99	2022-07
ETSI TS 138212 V 16.10.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 16.10.0 Release 16)	33.070.99	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138212 V 17.2.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 17.2.0 Release 17)	33.070.99	2022-07
ETSI TS 138213 V 15.15.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 15.15.0 Release 15)	33.070.99	2022-07
ETSI TS 138213 V 16.10.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 138213 V 17.2.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 17.2.0 Release 17)	33.070.99	2022-07
ETSI TS 138214 V 16.10.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 138214 V 17.2.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 17.2.0 Release 17)	33.070.99	2022-07
ETSI TS 138410 V 17.1.0	5G – NG-RAN – NG general aspects and principles (3GPP TS 38.410 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 138413 V 16.10.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 138420 V 17.1.0	5G – NG-RAN – Xn general aspects and principles (3GPP TS 38.420 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 138423 V 16.10.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 138423 V 17.1.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 138463 V 16.10.0	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 138470 V 16.7.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 16.7.0 Release 16)	33.070.99	2022-07
ETSI TS 138470 V 17.1.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 138473 V 16.10.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.10.0 Release 16)	33.070.99	2022-07
ETSI TS 138473 V 17.1.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.1.0 Release 17)	33.070.99	2022-07
ETSI TS 138521-1 V 17.4.1	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Range 1 standalone (3GPP TS 38.521-1 version 17.4.1 Release 17)	33.070.50	2022-07
ETSI TS 138533 V 17.2.0	5G – NR – User Equipment (UE) conformance specification – Radio Resource Management (RRM) (3GPP TS 38.533 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI EG 203499 V 2.1.1	Human Factors (HF) – User-centred terminology for existing and upcoming ICT devices, services and applications	33.040.01	2022-07
ETSI GS MEC 009 V 3.2.1	Multi-access Edge Computing (MEC) – General principles, patterns and common aspects of MEC Service APIs	33.070.99	2022-07
ETSI GS MEC 028 V 2.3.1	Multi-access Edge Computing (MEC) – WLAN Access Information API	33.070.99	2022-07
ETSI GS NFV-SOL 003 V 4.3.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – RESTful protocols specification for the Or-Vnfm Reference Point	35.110	2022-07
ETSI GS NFV-SOL 004 V 4.3.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – VNF Package and PNFD Archive specification	35.110	2022-07
ETSI GS NFV-SOL 007 V 4.3.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – Network Service Descriptor File Structure Specification	35.110	2022-07
ETSI GS NFV-SOL 013 V 4.3.1	Network Functions Virtualisation (NFV) Release 4 – Protocols and Data Models – Specification of common aspects for RESTful NFV MANO APIs	35.110	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI GS ZSM 008 V 1.1.1	Zero-touch network and Service Management (ZSM) – Cross-domain E2E service lifecycle management	35.110	2022-07
EN 303447 V 1.3.1	Short Range Devices (SRD) – Harmonised Standard for access to radio spectrum – Inductive loop systems for robotic mowers operating within the frequency range 100 Hz to 148,5 kHz	65.060.70	2022-07
ETSI TS 124546 V 17.2.0	5G – Configuration management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.546 version 17.2.0 Release 17)	33.070.50	2022-07
ETSI TS 129509 V 17.5.0	5G – 5G System – Authentication Server Services – Stage 3 (3GPP TS 29.509 version 17.5.0 Release 17)	33.070.50	2022-07

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
IWA 39	Gap analysis for standardization on sustainable and human-centred societies enabled with cyber physical systems	03.100.01; 13.020.20	2022-07
ISO 704	Terminology work – Principles and methods	1.020	2022-07
ISO/PAS 1996-3	Acoustics – Description, measurement and assessment of environmental noise – Part 3: Objective method for the measurement of prominence of impulsive sounds and for adjustment of L Aeq	13.140; 17.140.01	2022-07
ISO 2415	Forged shackles for general lifting purposes – Dee shackles and bow shackles	53.020.30	2022-07
ISO 4333	Textiles – Determination of reduction activity of specific proteins derived from pollen, mite and other sources on textile products	59.080.01	2022-07
ISO 4370	Environmental life cycle assessment and recycling of ductile iron pipes for water applications	23.040.10	2022-07
ISO 4405	Hydraulic fluid power – Fluid contamination – Determination of particulate contamination by the gravimetric method	23.100.60	2022-07
ISO 4454	Genomics informatics – Phenopackets: A format for phenotypic data exchange	35.240.80	2022-07
ISO 4664-1	Rubber, vulcanized or thermoplastic – Determination of dynamic properties – Part 1: General guidance	83.060	2022-07
ISO/TS 4676	Coal – Determination of carboxyreactivity	73.040; 75.160.10	2022-07
ISO 5020	Waste reduction and treatment on fishing vessels	65.150	2022-07
ISO 5058-1 AMD 1	Biotechnology – Genome editing – Part 1: Vocabulary; Amendment 1	01.040.07; 07.080	2022-07
ISO 5099	Light gauge metal containers – Easy-open ends and peel-off ends – Classification and dimensions	55.120	2022-07
ISO/TS 5118	Health informatics – Categorial structure of representation for evaluation of clinical practice guidelines of traditional Chinese medicine	35.240.80	2022-07
ISO 5154	Decorative metallic coatings for radio wave transmissive application products – Designation and characterization method	25.220.40	2022-07
ISO 5424	Plastics – Industrial compostable plastic drinking straws	67.250; 83.140.99	2022-07
ISO 5631-1	Paper and board – Determination of colour by diffuse reflectance – Part 1: Indoor daylight conditions (C/2°)	85.060	2022-07
ISO 5631-2	Paper and board – Determination of colour by diffuse reflectance – Part 2: Outdoor daylight conditions (D65/10°)	85.060	2022-07
ISO 5631-3	Paper and board – Determination of colour by diffuse reflectance – Part 3: Indoor illumination conditions (D50/2°)	85.060	2022-07
ISO/IEC TS 5723	Trustworthiness – Vocabulary	01.040.35; 35.020	2022-07
ISO/TR 6030	Smart community infrastructures – Disaster risk reduction – Survey results and gap analysis	13.020.20	2022-07
ISO 6362-1	Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 1: Technical conditions for inspection and delivery	23.040.15; 77.150.10	2022-07
ISO 6362-2	Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 2: Mechanical properties	23.040.15; 77.150.10	2022-07
ISO 6362-3	Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 3: Tolerances on form and dimensions for extruded rectangular bars	77.150.10	2022-07
ISO 6362-4	Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 4: Tolerances on form and dimensions for profiles	77.150.10	2022-07
ISO 6362-5	Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 5: Tolerances on form and dimensions for round, square and hexagonal bars	77.150.10	2022-07
ISO 6362-7	Wrought aluminium and aluminium alloys – Extruded rods/bars, tubes and profiles – Part 7: Chemical composition	77.150.10	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 6363-1	Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 1: Technical conditions for inspection and delivery	23.040.15; 77.150.10	2022-07
ISO 6363-2	Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 2: Mechanical properties	23.040.15; 77.150.10	2022-07
ISO 6363-3	Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 3: Tolerances on form and dimensions for drawn rods/bars and wires	77.150.10	2022-07
ISO 6363-4	Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 4: Tolerances on form and dimensions for drawn rectangular bars and wires	77.150.10	2022-07
ISO 6363-5	Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 5: Tolerances on form and dimensions for drawn square and hexagonal bars and wires	77.150.10	2022-07
ISO 6363-6	Wrought aluminium and aluminium alloys – Cold-drawn rods/bars, tubes and wires – Part 6: Tolerances on form and dimensions for drawn round tubes	23.040.15; 77.150.10	2022-07
ISO/TS 7240-30	Fire detection and alarm systems – Part 30: Design, installation, commissioning and service of video fire detector systems	13.220.20	2022-07
ISO 7494-2	Dentistry – Stationary dental units and dental patient chairs – Part 2: Air, water, suction and wastewater systems	11.060.20	2022-07
ISO 7967-11	Reciprocating internal combustion engines – Vocabulary of components and systems – Part 11: Liquid fuel systems	01.040.27; 27.020	2022-07
ISO 7967-12	Reciprocating internal combustion engines – Vocabulary of components and systems – Part 12: Exhaust emission control systems	01.040.27; 27.020	2022-07
ISO 8443	Rolling bearings – Radial ball bearings with flanged outer ring – Flange dimensions	21.100.20	2022-07
ISO/IEC/IEEE 8802-1CS	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 1CS: Link-local registration protocol	35.110	2022-07
ISO/IEC/IEEE 8802-3 AMD 10	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 10: Maintenance 14: Isolation	35.110	2022-07
ISO/IEC/IEEE 8802-3 AMD 11	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 11: Physical layers and management parameters for 100 Gb/s and 400 Gb/s operation over single-mode fiber at 100 Gb/s per wavelength	35.110	2022-07
ISO/IEC/IEEE 8802-11	Telecommunications and information exchange between systems – Specific requirements for local and metropolitan area networks – Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications	35.110	2022-07
ISO 8965	Logging industry – Technology – Vocabulary	01.040.79; 79.020	2022-07
ISO 9735-10	Electronic data interchange for administration, commerce and transport (EDIFACT) – Application level syntax rules – Part 10: Syntax service directories (Syntax version number: 4, Syntax release number: 3)	35.240.63	2022-07
ISO/TS 10839	Polyethylene pipes and fittings for the supply of gaseous fuels – Code of practice for design, handling and installation	75.200	2022-07
ISO 11228-2 AMD 1	Ergonomics – Manual handling – Part 2: Pushing and pulling; Amendment 1	13.180	2022-07
ISO 11271	Soil quality – Determination of redox potential – Field method	13.080.20	2022-07
ISO 11403-2	Plastics – Acquisition and presentation of comparable multipoint data – Part 2: Thermal and processing properties	83.080.01	2022-07
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	17.240	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 11997-3	Paints and varnishes – Determination of resistance to cyclic corrosion conditions – Part 3: Testing of coating systems on materials and components in automotive construction	87.040	2022-07
ISO 12006-3	Building construction – Organization of information about construction works – Part 3: Framework for object-oriented information	91.010.01	2022-07
ISO/IEC 12113	Information technology – Runtime 3D asset delivery format – Khronos glTF™2.0	35.040.30	2022-07
ISO 12216 AMD 1	Small craft – Windows, portlights, hatches, deadlights and doors – Strength and watertightness requirements; Amendment 1	47.080	2022-07
ISO/TR 12417-2	Cardiovascular implants and extracorporeal systems – Vascular device-drug combination products – Part 2: Local regulatory information	11.040.40	2022-07
ISO 12620-1	Management of terminology resources – Data categories – Part 1: Specifications	01.020; 35.240.30	2022-07
ISO 12620-2	Management of terminology resources – Data categories – Part 2: Repositories	01.020; 35.240.30	2022-07
ISO 13063-1	Electrically propelled mopeds and motorcycles – Safety specifications – Part 1: On-board rechargeable energy storage system (RESS)	43.140	2022-07
ISO 13063-2	Electrically propelled mopeds and motorcycles – Safety specifications – Part 2: Vehicle operational safety	43.140	2022-07
ISO 13063-3	Electrically propelled mopeds and motorcycles – Safety specifications – Part 3: Electrical safety	43.140	2022-07
ISO 13111-2	Intelligent transport systems (ITS) – The use of personal ITS stations to support ITS service provision for travellers – Part 2: General requirements for data exchange between ITS stations	03.220.20; 35.240.60	2022-07
ISO 13209-2	Road vehicles – Open Test sequence eXchange format (OTX) – Part 2: Core data model specification and requirements	43.040.15; 43.180	2022-07
ISO 13577-4	Industrial furnaces and associated processing equipment – Safety – Part 4: Protective systems	13.100; 25.180.01	2022-07
ISO 14030-3	Environmental performance evaluation – Green debt instruments – Part 3: Taxonomy	03.060; 13.020.20	2022-07
ISO 15086-3	Hydraulic fluid power – Determination of the fluid-borne noise characteristics of components and systems – Part 3: Measurement of hydraulic impedance	17.140.20; 23.100.01	2022-07
ISO 15701	Leather – Tests for colour fastness – Colour fastness to migration into polymeric material	59.140.30	2022-07
ISO 16030	Pneumatic fluid power – Connections – Ports and stud ends	23.100.40	2022-07
ISO 16890-2	Air filters for general ventilation – Part 2: Measurement of fractional efficiency and air flow resistance	91.140.30	2022-07
ISO 16890-4	Air filters for general ventilation – Part 4: Conditioning method to determine the minimum fractional test efficiency	91.140.30	2022-07
ISO 17572-1	Intelligent transport systems (ITS) – Location referencing for geographic databases – Part 1: General requirements and conceptual model	03.220.01; 35.240.60	2022-07
ISO 17636-1	Non-destructive testing of welds – Radiographic testing – Part 1: X- and gamma-ray techniques with film	25.160.40	2022-07
ISO 19105	Geographic information – Conformance and testing	35.240.70	2022-07
ISO 20041-1	Tritium and carbon-14 activity in gaseous effluents and gas discharges of nuclear installations – Part 1: Sampling of tritium and carbon-14	27.120.20	2022-07
ISO 20342-1	Assistive products for tissue integrity when lying down – Part 1: General requirements	11.180.01	2022-07
ISO 20468-8	Guidelines for performance evaluation of treatment technologies for water reuse systems – Part 8: Evaluation of treatment systems based on life cycle cost	13.020.40; 13.060.01	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 20507	Fine ceramics (advanced ceramics, advanced technical ceramics) – Vocabulary	81.060.30	2022-07
ISO/TR 20580	Preparation of metallographic specimens	77.080.20	2022-07
ISO 21070 AMD 1	Ships and marine technology – Marine environment protection – Management and handling of shipboard garbage – Amendment 1: Updates to classification of garbage	13.020.99; 47.020.99	2022-07
ISO 21420 AMD 1	Protective gloves – General requirements and test methods; Amendment 1	13.340.40	2022-07
ISO 21789	Gas turbine applications – Safety	27.040	2022-07
ISO 21826-1	Iron ores – Determination of total iron content using the EDTA photometric titration method – Part 1: Microwave digestion method	73.060.10	2022-07
ISO 21856	Assistive products – General requirements and test methods	11.180.01	2022-07
ISO/TS 21911-2	Solid recovered fuels – Determination of self-heating – Part 2: Basket heating tests	75.160.10	2022-07
ISO 22762-6	Elastomeric seismic-protection isolators – Part 6: High-durability and high-performance specifications and test methods	83.140.99; 91.120.25	2022-07
ISO/TS 22859	Biotechnology – Biobanking – Requirements for human mesenchymal stromal cells derived from umbilical cord tissue	7.080	2022-07
ISO 22863-11	Fireworks – Test methods for determination of specific chemical substances – Part 11: Phosphorus content by inductively coupled plasma optical emission spectrometry (ICP-OES)	71.100.30	2022-07
ISO/IEC 22989	Information technology – Artificial intelligence – Artificial intelligence concepts and terminology	01.040.35; 35.020	2022-07
ISO/IEC 23003-4 AMD 1	Information technology – MPEG audio technologies – Part 4: Dynamic range control – Amendment 1: Side chain normalization	35.040.40	2022-07
ISO 23062	Foundry machinery – Safety requirements for molding and coremaking machinery and associated equipment	13.110; 25.120.30; 77.180	2022-07
ISO 23067	Grading system for rattan: Requirements and classification	79.040	2022-07
ISO 23134	Coffee and coffee products – Determination of particle size of ground roasted coffee – Horizontal sieving motion method using circular brushes	67.140.20	2022-07
ISO 23219	Natural gas – Format for data from gas chromatograph analysers for natural gas – XML file format	35.240.50; 75.060	2022-07
ISO 23312	Space systems – Detailed space debris mitigation requirements for spacecraft	49.140	2022-07
ISO 23365	Heavy commercial vehicles and buses – Definitions of properties for the determination of suspension kinematic and compliance characteristics	43.080.01	2022-07
ISO 23368	Anaesthetic and respiratory equipment – Low-flow nasal cannulae for oxygen therapy	11.040.10	2022-07
ISO/IEC 23385	Information technology – Office equipment – Method for measuring single photo printing time for digital printing devices	35.180	2022-07
ISO 23629-12	UAS traffic management (UTM) – Part 12: Requirements for UTM service providers	03.080.99; 49.020	2022-07
ISO 23729	Surface chemical analysis – Atomic force microscopy – Guideline for restoration procedure for atomic force microscopy images diluted by finite probe size	71.040.40	2022-07
ISO/TR 23846	Biomimetics – Image search engine	7.080	2022-07
ISO/TR 23847	Biomimetics – Integrating problem- and function-oriented approaches applying the TRIZ method	7.080	2022-07
ISO 23945-1	Test methods for sprayed concrete – Part 1: Flash setting accelerating admixtures – Setting time	91.100.30	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 23963-1	Traditional Chinese medicine – Requirements for process traceability systems in Chinese materia medica and decoction pieces – Part 1: Components	11.120.10	2022-07
ISO 23992	Soil quality – Framework for detailed recording and monitoring of changes in dynamic soil properties	13.080.01	2022-07
ISO 24088-1	Biotechnology – Biobanking of microorganisms – Part 1: Bacteria and archaea	7.080	2022-07
ISO 24199	Vapour products – Determination of nicotine in vapour product emissions – Gas chromatographic method	65.160	2022-07
ISO 24297	Guidelines for treatment and reuse of leachate from municipal solid waste (MSW) incineration plants	13.060.01	2022-07
ISO 24316	Ships and marine technology – Design and test requirements for steel doors using electrical trace heating	47.020.10	2022-07
ISO 24329	Low-protein natural rubber latex concentrate – Specification	83.060	2022-07
ISO 24330	Space systems – Rendezvous and Proximity Operations (RPO) and On Orbit Servicing (OOS) – Programmatic principles and practices	49.140	2022-07
ISO 24416	Water reuse in urban areas – Guidelines for water reuse safety evaluation – Stability evaluation of reclaimed water	13.060.01	2022-07
ISO/TS 24560-1	Tissue-engineered medical products – MRI evaluation of cartilage – Part 1: Clinical evaluation of regenerative knee articular cartilage using delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) and T2 mapping	11.040.40	2022-07
ISO 24639	Microbeam analysis – Analytical electron microscopy – Calibration procedure of energy scale for elemental analysis by electron energy loss spectroscopy	71.040.50	2022-07
ISO 24688	Determination of modulation period of nano-multilayer coatings by low-angle X-ray methods	25.220.01	2022-07
ISO/IEC TS 25052-1	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE): cloud services – Part 1: Quality model	35.080	2022-07
ISO/IEC 27099	Information technology – Public key infrastructure – Practices and policy framework	35.030	2022-07
ISO 29462	Field testing of general ventilation filtration devices and systems for in situ removal efficiency by particle size and resistance to airflow	91.140.30	2022-07
ISO 41018	Facility management – Development of a facility management policy	03.080.10	2022-07

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/TR 63401-1	Interconnecting inverter-based resources to low short circuit ratio AC networks	27.190; 29.120.50; 29.240.01	2022-07
IEC/TR 62898-4	Microgrids: Part 4: – Use cases	29.240.01	2022-07
IEC/TR 62595-1-5	Display lighting unit – Part 1-5: Electrical signal interface of LED BLU	31.120; 31.260	2022-07
IEC/TR 63463	Life extension guidelines for HVDC converter stations	29.200	2022-07
IEC 60384-1-1	Fixed capacitors for use in electronic equipment – Part 1-1: Generic blank detail specification	31.060.10	2022-07
IEC 60384-19	Fixed capacitors for use in electronic equipment – Part 19: Sectional specification: Fixed metallized polyethylene terephthalate film dielectric surface mount DC capacitors	31.060.30	2022-07
IEC 60598-2-11 AMD 1	Luminaires – Part 2-11: Particular requirements – Aquarium luminaires; Amendment 1	29.140.40	2022-07
IEC 60598-2-11 Edition 2.1	Luminaires – Part 2-11: Particular requirements – Aquarium luminaires	29.140.40	2022-07
IEC/TR 60825-3	Safety of laser products – Part 3: Guidance for laser displays and shows	13.280; 31.260	2022-07
IEC 60825-4	Safety of laser products – Part 4: Laser guards	13.280; 31.260	2022-07
IEC 60953-3	Rules for steam turbine thermal acceptance tests – Part 3: Thermal performance verification tests of retrofitted steam turbines	27.040	2022-07
IEC 60974-12	Arc welding equipment – Part 12: Coupling devices for welding cables	25.160.30	2022-07
IEC/PAS 61191-10	Printed board assemblies – Part 10: Application and utilization of protective coatings for electronic assemblies	31.180; 31.190	2022-07
IEC/TR 61439-0	Low-voltage switchgear and controlgear assemblies – Part 0: Guidance to specifying assemblies	29.130.20	2022-07
IEC 61439-7	Low-voltage switchgear and controlgear assemblies – Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations	29.130.20	2022-07
IEC 61726	Cable assemblies, cables, connectors and passive microwave components – Screening attenuation measurement by the reverberation chamber method	33.120.01; 33.120.10; 33.120.30	2022-07
IEC 61753-051-02	Fibre optic interconnecting devices and passive components – Performance standard – Part 051-02: Plug-receptacle style single-mode fibre fixed optical attenuators for category C – Controlled environments	33.180.20	2022-07
IEC/TS 61850-1-2 AMD 1	Communication networks and systems for power utility automation – Part 1-2: Guideline on extending IEC 61850; Amendment 1	33.040.40; 33.200	2022-07
IEC/TS 61850-1-2 Edition 1.1	Communication networks and systems for power utility automation – Part 1-2: Guideline on extending IEC 61850	33.040.40; 33.200	2022-07
IEC 62055-42	Electricity metering – Payment systems – Part 42: Transaction Reference Numbers (TRN)	17.220.20; 35.100.70; 91.140.50	2022-07
IEC/TR 62131-8	Environmental conditions – Vibration and shock of electrotechnical equipment – Part 8: Transportation by ship	19.040	2022-07
IEC 62271-4	High-voltage switchgear and controlgear – Part 4: Handling procedures for gases for insulation and/or switching	29.130.10; 29.130.99	2022-07
IEC 62271-100 Corrigendum 2	High-voltage switchgear and controlgear – Part 100: Alternating-current circuit-breakers; Corrigendum 2	29.130.10	2022-07
IEC 62314	Solid-state relays – Safety requirements	29.120.70	2022-07

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62394	Service diagnostic interface for consumer electronics products and networks – Implementation for ECHONET	33.160.99; 35.110	2022-07
IEC 62604-1	Surface acoustic wave (SAW) and bulk acoustic wave (BAW) duplexers of assessed quality – Part 1: Generic specification	31.140; 31.160	2022-07
IEC 62676-2-33	Video surveillance systems for use in security applications – Part 2-33: Video transmission protocols – Cloud uplink and remote management system access	13.310; 13.320; 33.160.40	2022-07
IEC 62759-1	Photovoltaic (PV) modules – Transportation testing – Part 1: Transportation and shipping of module package units	27.160	2022-07
IEC/TS 62791	Ultrasonics – Pulse-echo scanners – Low-echo sphere phantoms and method for performance testing of grey-scale medical ultrasound scanners applicable to a broad range of transducer types	11.040.50; 11.040.55; 17.140.50	2022-07
IEC 62841-4-7	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-7: Particular requirements for pedestrian controlled walk-behind lawn scarifiers and aerators	25.140.30; 65.060.70	2022-07
IEC 63145-1-2	Eyewear display – Part 1-2: Generic – Terminology	01.040.31; 01.040.35; 31.120; 35.180	2022-07
IEC/TR 63161	Assignment of safety integrity requirements – Basic rationale	13.110	2022-07
IEC/TS 63342	C-Si photovoltaic (PV) modules – Light and elevated temperature induced degradation (LETID) test – Detection	27.160	2022-07
IEC 63355	Cable management systems – Test method for content of halogens	29.060.01; 29.120.10	2022-07
ISO/IEC TR 3017	Digital Twin – Use cases	29.020; 35.240.01	2022-07
ISO/IEC TS 5723	Trustworthiness – Vocabulary	01.040.35; 35.020	2022-07
ISO/IEC/IEEE 8802-1CS	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 1CS: Link-local registration protocol	35.110	2022-07
ISO/IEC/IEEE 8802-3 AMD 10	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 10: Maintenance 14: Isolation	35.110	2022-07
ISO/IEC/IEEE 8802-3 AMD 11	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 3: Standard for Ethernet – Amendment 11: Physical layers and management parameters for 100 Gb/s and 400 Gb/s operation over single-mode fiber at 100 Gb/s per wavelength	35.110	2022-07
ISO/IEC/IEEE 8802-11	Telecommunications and information exchange between systems – Specific requirements for local and metropolitan area networks – Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications	35.110	2022-07
ISO/IEC 12113	Information technology – Runtime 3D asset delivery format – Khronos glTF™ 2.0	35.040.30	2022-07
ISO/IEC 22989	Information technology – Artificial intelligence – Artificial intelligence concepts and terminology	01.040.35; 35.020	2022-07
ISO/IEC 23003-4 AMD 1	Information technology – MPEG audio technologies – Part 4: Dynamic range control – Amendment 1: Side chain normalization	35.040.40	2022-07
ISO/IEC 23385	Information technology – Office equipment – Method for measuring single photo printing time for digital printing devices	35.180	2022-07
ISO/IEC TS 25052-1	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE): cloud services – Part 1: Quality model	35.080	2022-07
ISO/IEC 27099	Information technology – Public key infrastructure – Practices and policy framework	35.030	2022-07