

Hrvatski zavod za norme

Oglasnik za normativne dokumente

7/2022

31. srpnja 2022.

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

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

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

HZN/TO 28, Naftni proizvodi i maziva

HRN EN ISO 4259-4:2022 en pr
Nafta i srodni proizvodi – Preciznost mjernih metoda i rezultata – 4. dio: Uporaba statističkih kontrolnih karti za potvrdu statističke kontrole kvalitete pri provedbi standardne metode ispitivanja u pojedinom laboratoriju (ISO 4259-4:2021; EN ISO 4259-4:2022)
Petroleum and related products – Precision of measurement methods and results – Part 4: Use of statistical control charts to validate 'in-statistical-control' status for the execution of a standard test method in a single laboratory (ISO 4259-4:2021; EN ISO 4259-4:2022)

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 4136:2022 en pr
Razorna ispitivanja zavora na metalnim materijalima – Poprečno vlačno ispitivanje (ISO 4136:2022; EN ISO 4136:2022)
Destructive tests on welds in metallic materials – Transverse tensile test (ISO 4136:2022; EN ISO 4136:2022)

HRN EN ISO 18278-1:2022 en pr
Elektrotoporno zavarivanje – Zavarljivost – 1. dio: Opći zahtjevi za ocjenjivanje zavarljivosti za točkasto, šavno i bradavičasto zavarivanje metalnih materijala (ISO 18278-1:2022; EN ISO 18278-1:2022)
Resistance welding – Weldability – Part 1: General requirements for the evaluation of weldability for resistance spot, seam and projection welding of metallic materials (ISO 18278-1:2022; EN ISO 18278-1:2022)

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 23371:2022 en pr
Anaesthetic and respiratory equipment – Cuff pressure indication, control and regulation devices (ISO 23371:2022; EN ISO 23371:2022)

HRN EN ISO 23372:2022 en pr
Anestetička i respiracijska oprema – Uređaji za obogaćivanje zraka kisikom (ISO 23372:2022; EN ISO 23372:2022)
Anaesthetic and respiratory equipment – Air entrainment devices (ISO 23372:2022; EN ISO 23372:2022)

HRN EN ISO 80601-2-13:2022 en pr
Medicinska električna oprema – Dio 2-13: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke anestezioloških radnih stanica (ISO 80601-2-13:2022; EN ISO 80601-2-13:2022)
Medical electrical equipment – Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2022; EN ISO 80601-2-13:2022)

HZN/TO 135, Nerazorna ispitivanja

HRN EN 17391:2022 en pr
Nerazorno ispitivanje – Ispitivanje akustičkom emisijom – Praćenje akustičkih emisija metalne opreme pod tlakom i konstrukcija – Opći zahtjevi (EN 17391:2022)
Non-destructive testing – Acoustic emission testing – In-service acoustic emission monitoring of metallic pressure equipment and structures – General requirements (EN 17391:2022)

HRN EN 17501:2022 en pr
Nerazorno ispitivanje – Termografsko ispitivanje – Aktivna termografija uz pobudu laserom (EN 17501:2022)
Non-destructive testing – Thermographic testing – Active thermography with laser excitation (EN 17501:2022)

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

HRN EN 751-3:2022 en pr
Brtve za metalne spojnice s navojem u dodiru s plinovima prve, druge i treće skupine i vrućom vodom – 3. dio: Nesinterirane PTFE trake i PTFE niti (EN 751-3:2022)
Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water – Part 3: Unsintered PTFE tapes and PTFE strings (EN 751-3:2022)

HRS CEN/TS 1451-2:2022 en pr
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Polipropilen (PP) – 2. dio: Upute za ocjenjivanje sukladnosti (CEN/TS 1451-2:2019)
Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure – Polypropylene (PP) – Part 2: Guidance for the assessment of conformity (CEN/TS 1451-2:2019)

HRS CEN/TS 13476-4:2022 en pr
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanoga poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 4. dio: Upute za ocjenjivanje sukladnosti (CEN/TS 13476-4:2019)
Plastics piping systems for non-pressure underground drainage and sewerage – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 4: Assessment of conformity (CEN/TS 13476-4:2019)

HRN EN ISO 13479:2022 en pr
Poliolefinske cijevi za transport tekućina – Određivanje otpornosti na širenje pukotine – Metoda ispitivanja za spori rast pukotine na cijevima s urezom (ISO 13479:2022; EN ISO 13479:2022)
Polyolefin pipes for the conveyance of fluids – Determination of resistance to crack propagation – Test method for slow crack growth on notched pipes (ISO 13479:2022; EN ISO 13479:2022)

HRN EN ISO 15874-1:2013/A1:2022 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 1. dio: Općenito – Amandman 1: Ispitivanje otpornosti na udar (ISO 15874-1:2013/Amd 1:2022; EN ISO 15874-1:2013/A1:2022)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 1: General – Amendment 1: Impact test (ISO 15874-1:2013/Amd 1:2022; EN ISO 15874-1:2013/A1:2022)

HRN EN ISO 15874-2:2013/A2:2022 en pr
Plastični cijevni sustavi za instalacije s toplom i hladnom vodom – Polipropilen (PP) – 2. dio: Cijevi – Amandman 2: Ispitivanje otpornosti na udar (ISO 15874-2:2013/Amd 2:2022; EN ISO 15874-2:2013/A2:2022)
Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes – Amendment 2: Impact test (ISO 15874-2:2013/Amd 2:2022; EN ISO 15874-2:2013/A2:2022)

HZN/TO 159, Ergonomija

HRN EN ISO 15537:2022 en pr
Načela odabira i uporabe osoba za ispitivanje antropometrijskih parametara industrijskih proizvoda i oblikovanja (ISO 15537:2022; EN ISO 15537:2022)
Principles for selecting and using test persons for testing anthropometric aspects of industrial products and designs (ISO 15537:2022; EN ISO 15537:2022)

HZN/TO 163, Toplinska izolacija

HRN ISO 9869-1:2022 en pr
Toplinska izolacija – Građevni elementi – Mjerenje toplinskog otpora i prolaska topline in situ – 1. dio: Tokomjerna metoda (ISO 9869-1:2014)
Thermal insulation – Building elements – In-situ measurement of thermal resistance and thermal transmittance – Part 1: Heat flow meter method (ISO 9869-1:2014)

HRN EN ISO 12241:2022 en pr
Toplinsko izoliranje kućnih i industrijskih instalacija – Pravila proračuna (ISO 12241:2022; EN ISO 12241:2022)
Thermal insulation for building equipment and industrial installations – Calculation rules (ISO 12241:2022; EN ISO 12241:2022)

HZN/TO 165, Drvene konstrukcije

HRN EN 384:2022 en pr
Konstrukcijsko drvo – Određivanje karakterističnih vrijednosti mehaničkih svojstava i gustoće (EN 384:2016+A2:2022)
Structural timber – Determination of characteristic values of mechanical properties and density (EN 384:2016+A2:2022)

HRN EN 14081-2:2022 en pr
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 2. dio: Strojno razvrstavanje, dodatni zahtjevi za ispitivanje tipa (EN 14081-2:2018+A1:2022)
Timber structures – Strength graded structural timber with rectangular cross section – Part 2: Machine grading; additional requirements for type testing (EN 14081-2:2018+A1:2022)

HZN/TO 172, Optika i optički instrumenti

HRN ISO 9802:2022 en pr
Sirovo optičko staklo – Rječnik (ISO 9802:2022)
Raw optical glass – Vocabulary (ISO 9802:2022)

HRN EN ISO 12005:2022 en pr
Laseri i pridružena oprema – Metode ispitivanja za parametre laserskog snopa – Polarizacija (ISO 12005:2022; EN ISO 12005:2022)
Lasers and laser-related equipment – Test methods for laser beam parameters – Polarization (ISO 12005:2022; EN ISO 12005:2022)

HRN EN ISO 13696:2022 en pr
Optika i fotonika – Metode ispitivanja za ukupno raspršenje optičkih komponenti (ISO 13696:2022; EN ISO 13696:2022)
Optics and photonics – Test method for total scattering by optical components (ISO 13696:2022; EN ISO 13696:2022)

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

HRN EN 81-28:2022 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za prijevoz osoba i tereta – 28. dio: Daljinska dojava opasnosti na osobnim i osobno teretnim dizalima (EN 81-28:2022)
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 28: Remote alarm on passenger and goods passenger lifts (EN 81-28:2022)

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 14344:2022 en pr
Proizvodi za dojenčad i malu djecu – Dječja sjedala za bicikle – Sigurnosni zahtjevi i metode ispitivanja (EN 14344:2022)
Child care articles – Child seats for cycles – Safety requirements and test methods (EN 14344:2022)

HZN/TO 182, Geotehničke konstrukcije

HRN EN 17542-1:2022 en pr
Zemljani radovi – Geotehničko laboratorijsko ispitivanje – 1. dio: Standardno ispitivanje osjetljivosti na rastrošbu (EN 17542-1:2022)
Earthworks – Geotechnical laboratory tests – Part 1: Degradability test standard (EN 17542-1:2022)

HRN EN 17542-2:2022 en pr
Zemljani radovi – Geotehničko laboratorijsko ispitivanje – 2. dio: Standardno ispitivanje osjetljivosti na usitnjavanje (EN 17542-2:2022)
Earthworks – Geotechnical laboratory tests – Part 2: Fragmentability test standard (EN 17542-2:2022)

HRN EN 17542-3:2022 en pr
Zemljani radovi – Geotehničko laboratorijsko ispitivanje – 3. dio: Vrijednost adsorpcije metilenskog modrila VBS na tlima i stijenama (EN 17542-3:2022)
Earthworks – Geotechnical laboratory tests – Part 3: Methylene blue value VBS on soils and rocks (EN 17542-3:2022)

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14015:2022 en pr
Upravljanje okolišem – Smjernice za dubinsku analizu (due diligence) utjecaja organizacije na okoliš (ISO 14015:2022; EN ISO 14015:2022)
Environmental management – Guidelines for environmental due diligence assessment (ISO 14015:2022; EN ISO 14015:2022)

HZN/TO 217, Kozmetika

HRN EN ISO 24442:2022 en pr
Kozmetika – Metode ispitivanja sredstava za zaštitu od sunca – In vivo određivanje UVA zaštite (ISO 24442:2022; EN ISO 24442:2022)
Cosmetics – Sun protection test methods – In vivo determination of sunscreen UVA protection (ISO 24442:2022; EN ISO 24442:2022)

HZN/TO 218, Drvo

HRN EN 14734:2022 en pr
Trajnost drva i proizvoda na osnovi drva – Određivanje prikladnosti drvene vrste za impregnaciju sredstvima za zaštitu drva – Laboratorijska metoda (EN 14734:2022)
Durability of wood and wood-based products – Determination of treatability of timber species to be impregnated with wood preservatives – Laboratory method (EN 14734:2022)

HZN/TO 502, Plinski uređaji

HRN EN 497:2022 en pr
Specifikacije za uređaje na ukapljeni naftni plin – Višenamjenski plamenici za kuhanje za primjenu na otvorenom – Posude za kuhanje promjera većeg od 300 mm (EN 497:2022)
Specification for dedicated liquefied petroleum gas appliances – Multi purpose boiling burners for outdoor use – Cooking vessels with a diameter greater than 300 mm (EN 497:2022)

HZN/TO 503, Metalni materijali

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

HRN EN ISO 6149-1:2022 en pr
Priključci za hidraulične tekućine za prijenos snage i opću namjenu – Navojni otvori i čepovi s ISO 261 metričkim navojima i brtvljenjem pomoću O-prstena – 1. dio: Navojni otvori sa skraćenim ležištem za O-prsten (ISO 6149-1:2022; EN ISO 6149-1:2022)
Connections for hydraulic fluid power and general use – Ports and stud ends with ISO 261 metric threads and O-ring sealing – Part 1: Ports with truncated housing for O-ring seal (ISO 6149-1:2022; EN ISO 6149-1:2022)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 4528:2022 en pr
Staklaste i porculanske emajlirane površine – Odabir metoda ispitivanja za staklaste i porculanske emajlirane dijelove proizvoda (ISO 4528:2022; EN ISO 4528:2022)
Vitreous and porcelain enamel finishes – Selection of test methods for vitreous and porcelain enamelled areas of articles (ISO 4528:2022; EN ISO 4528:2022)

HRN EN ISO 16539:2022 en pr
Korozija metala i legura – Ubrzana ciklička korozijska ispitivanja uz izlaganje procesu taloženja soli u sintetskoj morskoj vodi – „Suhi“ i „vlažni“ uvjeti pri konstantnoj apsolutnoj vlazi (ISO 16539:2013; EN ISO 16539:2022)
Corrosion of metals and alloys – Accelerated cyclic corrosion tests with exposure to synthetic ocean water salt-deposition process – “Dry” and “wet” conditions at constant absolute humidity (ISO 16539:2013; EN ISO 16539:2022)

HRN EN ISO 21207:2022 en pr
Korozijska ispitivanja u umjetnoj atmosferi – Ubrzana korozijska ispitivanja koja uključuju naizmjenično izlaganje plinovima koji potiču koroziju, prskanju neutralnom slanom otopinom i sušenju (ISO 21207:2015; EN ISO 21207:2022)
Corrosion tests in artificial atmospheres – Accelerated corrosion tests involving alternate exposure to corrosion-promoting gases, neutral salt-spray and drying (ISO 21207:2015; EN ISO 21207:2022)

HRN EN ISO 22479:2022 en pr
Korozija metala i legura – Ispitivanje sumpornim dioksidom u vlažnoj atmosferi (metoda s fiksnim obujmom plina) (ISO 22479:2019; EN ISO 22479:2022)
Corrosion of metals and alloys – Sulfur dioxide test in a humid atmosphere (fixed gas method) (ISO 22479:2019; EN ISO 22479:2022)

HRN EN ISO 24656:2022 en pr
Katodna zaštita odobalnih konstrukcija vjetroelektrana (ISO 24656:2022; EN ISO 24656:2022)
Cathodic protection of offshore wind structures (ISO 24656:2022; EN ISO 24656:2022)

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

HRN EN ISO 3421:2022 en pr
Industrija nafte i prirodnoga plina – Oprema za bušenje i proizvodnju – Projektiranje odobalnih vodilica, podešavanje dubine i ugradnja (ISO 3421:2022; EN ISO 3421:2022)
Petroleum and natural gas industries – Drilling and production equipment – Offshore conductor design, setting depth, and installation (ISO 3421:2022; EN ISO 3421:2022)

HRN EN ISO 19905-3:2022 en pr
Industrija nafte i prirodnoga plina – Procjena specifičnosti lokacije za pokretne odobalne jedinice – 3. dio: Plutajuća jedinica (ISO 19905-3:2021; EN ISO 19905-3:2022)
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 3: Floating units (ISO 19905-3:2021; EN ISO 19905-3:2022)

HZN/TO 508, Ambalaža i pakiranje

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

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN ISO 5167-1:2022 en pr
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 1. dio: Opća načela i zahtjevi (ISO 5167-1:2022; EN ISO 5167-1:2022)
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 1: General principles and requirements (ISO 5167-1:2022; EN ISO 5167-1:2022)

HRN EN ISO 5167-2:2022 en pr
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 2. dio: Prigušnice (ISO 5167-2:2022; EN ISO 5167-2:2022)
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 2: Orifice plates (ISO 5167-2:2022; EN ISO 5167-2:2022)

HRN EN ISO 5167-4:2022 en pr
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 4. dio: Venturijeve cijevi (ISO 5167-4:2022; EN ISO 5167-4:2022)
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 4: Venturi tubes (ISO 5167-4:2022; EN ISO 5167-4:2022)

HRN EN ISO 9300:2022 en pr
Mjerenje protoka plina pomoću sapnica (ISO 9300:2022; EN ISO 9300:2022)
Measurement of gas flow by means of critical flow nozzles (ISO 9300:2022; EN ISO 9300:2022)

HZN/TO 515, Žičare, uspinjače i vučnice

HRN EN 13796-2:2022 en pr
Sigurnosni zahtjevi za žičare za prijevoz osoba – Vozila – 2. dio: Ispitivanje steznog uređaja na proklizavanje (EN 13796-2:2017+A1:2022)
Safety requirements for cableway installations designed to transport persons – Carriers – Part 2: Slipping resistance tests for grips (EN 13796-2:2017+A1:2022)

HZN/TO 521, Usluge održavanja

HRN EN 15341:2022 en pr
Održavanje – Ključni pokazatelji učinkovitosti održavanja (EN 15341:2019+A1:2022)
Maintenance – Maintenance Key Performance Indicators (EN 15341:2019+A1:2022)

HZN/TO 529, Dizalice i prenosila neprekidne dobave

HRN ISO 12210:2022 en pr
Dizalice – Uređaji za sidrenje u pogonskim i izvan pogonskim uvjetima (ISO 12210:2021)
Cranes – Anchoring devices for in-service and out-of-service conditions (ISO 12210:2021)

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

HRN EN ISO 340:2022 en pr
Transportne trake – Laboratorijske značajke zapaljivosti – Zahtjevi i metoda ispitivanja (ISO 340:2022; EN ISO 340:2022)
Conveyor belts – Laboratory scale flammability characteristics – Requirements and test method (ISO 340:2022; EN ISO 340:2022)

HZN/TO 531, Plastika i guma

HRN EN 17615:2022 en pr
Plastika – Aspekti utjecaja na okoliš – Terminološki rječnik (EN 17615:2022)
Plastics – Environmental Aspects – Vocabulary (EN 17615:2022)

HRN EN 17679:2022 en pr
Ispitivanje plastičnih filmova – Određivanje otpornosti na paranje trapezoidalnog ispitka s urezom (EN 17679:2022)
Plastics – Plastic films – Determination of tear resistance using a trapezoidal test specimen with incision (EN 17679:2022)

HRN EN ISO 22007-2:2022 en pr
Plastika – Određivanje toplinske vodljivosti i toplinske difuzivnosti – 2. dio: Metoda kratkotrajnoga površinskog izvora topline (vruća ploča) (ISO 22007-2:2022; EN ISO 22007-2:2022)
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 2: Transient plane heat source (hot disc) method (ISO 22007-2:2022; EN ISO 22007-2:2022)

HZN/TO 534, Spremnici za teret

HRN EN 17124:2022 en pr
Vodik kao gorivo – Specifikacija proizvoda i osiguranje kvalitete vodika u stanicama za punjenje tekućim vodikom – Gorivni članci s polimernom protonski vodljivom membranom (PEM) za cestovna vozila (EN 17124:2022)
Hydrogen fuel – Product specification and quality assurance for hydrogen refuelling points dispensing gaseous hydrogen – Proton exchange membrane (PEM) fuel cell applications for vehicles (EN 17124:2022)

HZN/TO 535, Agregati

HRN EN 932-3:2022 en pr
Ispitivanja općih svojstava agregata – 3. dio: Postupak i nazivlje za pojednostavnjeni petrografski opis (EN 932-3:2022)
Tests for general properties of aggregates – Part 3: Procedure and terminology for simplified petrographic description (EN 932-3:2022)

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

HRN EN 13126-16:2019/Ispr.1:2022 en pr
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 16. dio: Okovi za podizno-klizne prozore (EN 13126-16:2019/AC:2022)
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 16: Hardware for Lift and Slide windows (EN 13126-16:2019/AC:2022)

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

HRN EN ISO 1:2022 en pr
Geometrijska specifikacija proizvoda (GSP) – Standardna referentna temperatura za specifikaciju geometrijskih i dimenzijskih svojstava (ISO 1:2022; EN ISO 1:2022)
Geometrical product specifications (GPS) – Standard reference temperature for the specification of geometrical and dimensional properties (ISO 1:2022; EN ISO 1:2022)

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

HRN EN ISO 24194:2022 en pr
Sunčeva energija – Kolektorska polja – Provjera značajki (ISO 24194:2022; EN ISO 24194:2022)
Solar energy – Collector fields – Check of performance (ISO 24194:2022; EN ISO 24194:2022)

HRN EN ISO 52120-1:2022 en pr
Energetska svojstva zgrada – Doprinos automatizacije, nadzora i upravljanja u zgradama – 1. dio: Opći okvir i postupci (ISO 52120-1:2021; EN ISO 52120-1:2022)
Energy performance of buildings – Contribution of building automation, controls and building management – Part 1: General framework and procedures (ISO 52120-1:2021; EN ISO 52120-1:2022)

HZN/TO 544, Strojni elementi

HRN EN ISO 3506-6:2022 en pr
Spojni elementi – Mehanička svojstva spojnih elemenata izrađenih od nehrđajućih čelika – 6. dio: Opća pravila za odabir nehrđajućih čelika i legura nikla za spojne elemente (ISO 3506-6:2020; EN ISO 3506-6:2022)
Fasteners – Mechanical properties of corrosion-resistant stainless steel fasteners – Part 6: General rules for the selection of stainless steels and nickel alloys for fasteners (ISO 3506-6:2020; EN ISO 3506-6:2022)

HRN EN ISO 4042:2022 en pr
Spojni elementi – Sustavi elektrolitičke zaštite (ISO 4042:2022; EN ISO 4042:2022)
Fasteners – Electroplated coating systems (ISO 4042:2022; EN ISO 4042:2022)

HZN/TO 548, Konstrukcijski eurokodovi

HRN EN 1996-1-1:2022 en pr
Eurokod 6 – Projektiranje zidanih konstrukcija – Dio 1-1: Opća pravila za armirane i nearmirane zidane konstrukcije (EN 1996-1-1:2022)
Eurocode 6 – Design of masonry structures – Part 1-1: General rules for reinforced and unreinforced masonry structures (EN 1996-1-1:2022)

HZN/TO 550, Opskrba vodom

HRN EN 899:2022 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Sumporna kiselina (EN 899:2022)
Chemicals used for treatment of water intended for human consumption – Sulfuric acid (EN 899:2022)

HRN EN 15031:2022 en pr
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Koagulanti na osnovi aluminija (EN 15031:2022)
Chemicals used for treatment of swimming pool water – Aluminium based coagulants (EN 15031:2022)

HRN EN 15796:2022 en pr
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Kalcijev hipoklorit (EN 15796:2022)
Chemicals used for treatment of swimming pool water – Calcium hypochlorite (EN 15796:2022)

HRN EN 15797:2022 en pr
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Koagulanti na bazi željeza (EN 15797:2022)
Chemicals used for the treatment of swimming pool water – Iron based coagulants (EN 15797:2022)

HRN EN 15798:2022 en pr
Proizvodi koji se upotrebljavaju u obradi vode bazena za plivanje – Filtarski materijal (EN 15798:2022)
Products used for the treatment of swimming pool water – Filter media (EN 15798:2022)

HRN EN 15799:2022 en pr
Proizvodi koji se upotrebljavaju u obradi vode bazena za plivanje – Aktivni ugljen u prahu (EN 15799:2022)
Products used for treatment of swimming pool water – Powdered activated carbon (EN 15799:2022)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 11607-1:2020/A11:2022 en pr
Ambalaža za završno sterilizirane medicinske proizvode – 1. dio: Zahtjevi za materijale, sustave sterilne obloge i sustave ambalaže (EN ISO 11607-1:2020/A11:2022)
Packaging for terminally sterilized medical devices – Part 1: Requirements for materials, sterile barrier systems and packaging systems (EN ISO 11607-1:2020/A11:2022)

HRN EN ISO 11607-2:2020/A11:2022 en pr
Ambalaža za završno sterilizirane medicinske proizvode – 2. dio: Vrednovanje zahtjeva za oblikovanje, lijepljenje i postupke sastavljanja (EN ISO 11607-2:2020/A11:2022)
Packaging for terminally sterilized medical devices – Part 2: Validation requirements for forming, sealing and assembly processes (EN ISO 11607-2:2020/A11:2022)

HRN EN ISO 14644-9:2022 en pr
Čisti prostori i odgovarajući kontrolirani okoliš – 9. dio: Procjena čistoće površine s obzirom na koncentraciju čestica (ISO 14644-9:2022; EN ISO 14644-9:2022)
Cleanrooms and associated controlled environments – Part 9: Assessment of surface cleanliness for particle concentration (ISO 14644-9:2022; EN ISO 14644-9:2022)

HRN EN ISO 14644-10:2022 en pr
Čisti prostori i odgovarajući kontrolirani okoliš – 10. dio: Procjena čistoće površine s obzirom na kemijsku kontaminaciju (ISO 14644-10:2022; EN ISO 14644-10:2022)
Cleanrooms and associated controlled environments – Part 10: Assessment of surface cleanliness for chemical contamination (ISO 14644-10:2022; EN ISO 14644-10:2022)

HZN/TO 560, Tekstilni proizvodi

HRN ISO 2403:2022 en pr
Tekstil – Pamučna vlakna – Određivanje mikroner vrijednosti (ISO 2403:2021)
Textiles – Cotton fibres – Determination of micronaire value (ISO 2403:2021)

HRN EN 17667:2022 en pr
Metoda ispitivanja – Određivanje termalne otpornosti tekstilnih i sličnih proizvoda s punilima, uporabom uređaja s vrućom pločom malih dimenzija (EN 17667:2022)
Test method – Determination of thermal resistance of filled textile articles and similar items using small guarded hotplate apparatus (EN 17667:2022)

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

HRN EN 12252:2022 en pr
Oprema i pribor za UNP – Opremanje spremnika za UNP za cestovna vozila (EN 12252:2022)
LPG equipment and accessories – Equipping of LPG road tankers (EN 12252:2022)

HRN EN 12979:2022 en pr
Oprema i pribor za UNP – UNP sustavi za automobile – Zahtjevi za ugradnju (EN 12979:2022)
LPG equipment and accessories – Automotive LPG-systems – Installation requirements (EN 12979:2022)

HRN EN ISO 13338:2022 en pr
Plinske boce – Plinovi i plinske mješavine – Određivanje korozivnog djelovanja na tkiva radi odabira priključaka ventila na bocu (ISO 13338:2022; EN ISO 13338:2022)
Gas cylinders – Gases and gas mixtures – Determination of corrosiveness for the selection of cylinder valve outlet (ISO 13338:2022; EN ISO 13338:2022)

HRN EN 14912:2022 en pr
Oprema i pribor za UNP – Pregled i održavanje ventila boca za UNP tijekom periodičnog pregleda boca (EN 14912:2022)
LPG equipment and accessories – Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders (EN 14912:2022)

HZN/TO 566, Mlijeko i mliječni proizvodi

HRN EN ISO 24223:2022 en pr
Sir – Upute o pripremi uzorka za fizikalna i kemijska ispitivanja (ISO 24223:2021; EN ISO 24223:2021)
Cheese – Guidance on sample preparation for physical and chemical testing (ISO 24223:2021; EN ISO 24223:2021)

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

HRN EN 17644:2022 en pr
Hrana – Dokazivanje alergena u hrani metodom tekućinske kromatografije – masene spektrometrije (LC-MS) – Opća razmatranja (EN 17644:2022)
Foodstuffs – Detection of food allergens by liquid chromatography – mass spectrometry (LC-MS) methods – General considerations (EN 17644:2022)

HRN EN ISO 23418:2022 en pr
Mikrobiologija u lancu hrane – Sekvenciranje cijelog genoma radi tipizacije i genske identifikacije bakterija – Opći zahtjevi i smjernice (ISO 23418:2022; EN ISO 23418:2022)
Microbiology of the food chain – Whole genome sequencing for typing and genomic characterization of bacteria – General requirements and guidance (ISO 23418:2022; EN ISO 23418:2022)

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

HRN EN ISO/IEC 24760-1:2022 en pr
Sigurnost IT-a i privatnost – Okvir za upravljanje identitetom – 1. dio: Terminologija i koncepcija (ISO/IEC 24760-1:2019; EN ISO/IEC 24760-1:2022)
IT Security and Privacy – A framework for identity management – Part 1: Terminology and concepts (ISO/IEC 24760-1:2019; EN ISO/IEC 24760-1:2022)

HZN/TO E10, Fluidi za primjenu u elektrotehnici

HRN EN IEC 60475:2022 en pr
Metoda uzimanja uzoraka izolacijskih tekućina (IEC 60475:2022; EN IEC 60475:2022)
Method of sampling insulating liquids (IEC 60475:2022; EN IEC 60475:2022)

HRN EN IEC 60599:2022 en pr
Mineralnim uljem punjena električna oprema u pogonu – Upute za tumačenje rezultata analize otopljenih i slobodnih plinova (IEC 60599:2022; EN IEC 60599:2022)
Mineral oil-filled electrical equipment in service – Guidance on the interpretation of dissolved and free gases analysis (IEC 60599:2022; EN IEC 60599:2022)

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

HRN EN 50470-3:2022 en pr
Električna brojila za izmjeničnu struju – 3. dio: Posebni zahtjevi – Statička brojila djelatne energije (razredi točnosti A, B i C) (EN 50470-3:2022)
Electricity metering equipment – Part 3: Particular requirements – Static meters for AC active energy (class indexes A, B and C) (EN 50470-3:2022)

HRN EN IEC 62052-11:2021/A11:2022 en pr
Električna brojila za izmjeničnu struju – Opći zahtjevi, ispitivanja i ispitni uvjeti – 11. dio: Mjerna oprema (EN IEC 62052-11:2021/A11:2022)
Electricity metering equipment – General requirements, tests and test conditions – Part 11: Metering equipment (EN IEC 62052-11:2021/A11:2022)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 62271-102:2018/A1:2022 en pr
Visokonaponska sklopna aparatura – 102. dio: Visokonaponski rastavljači i zemljospojnici izmjenične struje (IEC 62271-102:2018/am1:2022; EN IEC 62271-102:2018/A1:2022)
High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches (IEC 62271-102:2018/am1:2022; EN IEC 62271-102:2018/A1:2022)

HZN/TO E20, Električni kabeli

HRN IEC 60183:2022 en pr
Upute za odabir visokonaponskih izmjeničnih kabelskih sustava (IEC 60183:2015)
Guidance for the selection of high-voltage A.C. cable systems (IEC 60183:2015)

HRN IEC 60287-1-1:2022 en pr
Električni kabeli – Proračun strujne opteretivosti – Dio 1-1: Jednačbe za izračun struja (faktor opterećenja 100 %) i proračun gubitaka – Općenito (IEC 60287-1-1:2006)
Electric cables – Calculation of the current rating – Part 1-1: Current rating equations (100 % load factor) and calculation of losses – General (IEC 60287-1-1:2006)

HRN IEC 60287-1-1:2022/A1:2022 en pr
Električni kabeli – Proračun strujne opteretivosti – Dio 1-1: Jednačbe za izračun struja (faktor opterećenja 100 %) i proračun gubitaka – Općenito (IEC 60287-1-1:2006/am1:2014)
Electric cables – Calculation of the current rating – Part 1-1: Current rating equations (100 % load factor) and calculation of losses – General (IEC 60287-1-1:2006/am1:2014)

HRN IEC 60287-2-1:2022 en pr
Električni kabeli – Proračun strujne opteretivosti – Dio 2-1: Toplinski otpor – Proračun toplinskog otpora (IEC 60287-2-1:2015)
Electric cables – Calculation of the current rating – Part 2-1: Thermal resistance – Calculation of thermal resistance (IEC 60287-2-1:2015)

HRN IEC 60287-3-1:2022 en pr
Električni kabeli – Proračun strujne opteretivosti – Dio 3-1: Radni uvjeti – Referentni uvjeti na terenu (IEC 60287-3-1:2017)
Electric cables – Calculation of the current rating – Part 3-1: Operating conditions – Site reference conditions (IEC 60287-3-1:2017)

HRN IEC 60287-3-2:2022 en pr
Električni kabeli – Proračun strujne opteretivosti – Dio 3-2: Radni uvjeti – Ekonomska optimizacija energetskog kabela (IEC 60287-3-2:2012)
Electric cables – Calculation of the current rating – Part 3-2: Sections on operating conditions – Economic optimization of power cable size (IEC 60287-3-2:2012)

HRN IEC 60331-2:2022 en pr
Ispitivanja električnih kabela pod djelovanjem vatre – Cjelovitost izolacije – 2. dio: Ispitna metoda za ispitivanje u vatri pod udarom na temperaturi od najmanje 830 °C za kabele naponskog nivoa do i uključujući 0,6/1 kV i koji ne prelaze vanjski promjer 20 mm (IEC 60331-2:2018)
Tests for electric cables under fire conditions – Circuit integrity – Part 2: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter not exceeding 20 mm (IEC 60331-2:2018)

HRN IEC 60331-3:2022 en pr
Ispitivanja električnih kabela pod djelovanjem vatre – Cjelovitost izolacije – 3. dio: Ispitna metoda za ispitivanje u vatri pod udarom na temperaturi od najmanje 830 °C za kabele naponskog nivoa do i uključujući 0,6/1 kV i koji se ispituju u metalnom kućištu (IEC 60331-3:2018)
Tests for electric cables under fire conditions – Circuit integrity – Part 3: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage up to and including 0,6/1,0 kV tested in a metal enclosure (IEC 60331-3:2018)

HRN IEC 60502-1:2022 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 1. dio: Kabeli za nazivne napone 1 kV (Um = 1,2 kV) i 3 kV (Um = 3,6 kV) (IEC 60502-1:2021)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 1: Cables for rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV) (IEC 60502-1:2021)

HRN IEC 60502-2:2022 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 2. dio: Kabeli za nazivne napone od 6 kV (Um = 7,2 kV) do 30 kV (IEC 60502-2:2014)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 2: Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60502-2:2014)

HRN IEC 60502-4:2022 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 4. dio: Ispitni zahtjevi za pribor kabela nazivnih napona od 6 kV (Um = 7,2 kV) do 30 kV (Um = 36 kV) (IEC 60502-4:2010)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 4: Test requirements on accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60502-4:2010)

HRN IEC 60724:2022 en pr
Temperaturne granice električnih kabela nazivnih napona 1 kV (Um = 1,2 kV) i 3 kV (Um = 3,6 kV) (IEC 60724:2000)
Short-circuit temperature limits of electric cables with rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV) (IEC 60724:2000)

HRN IEC 60724:2022/A1:2022 en pr
Temperaturne granice električnih kabela nazivnih napona 1 kV (Um = 1,2 kV) i 3 kV (Um = 3,6 kV) (IEC 60724:2000/am1:2008)
Short-circuit temperature limits of electric cables with rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV) (IEC 60724:2000/am1:2008)

HRN IEC 60800:2022 en pr
Grijači kabeli nazivnog napona do i uključujući 300/500 V za grijanje i sprečavanje stvaranja leda (IEC 60800:2021)
Heating cables with a rated voltage up to and including 300/500 V for comfort heating and prevention of ice formation (IEC 60800:2021)

HRN IEC 60840:2022 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone iznad 30 kV (Um = 36 kV) do 150 kV (Um = 170 kV) – Ispitne metode i zahtjevi (IEC 60840:2020)
Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV) – Test methods and requirements (IEC 60840:2020)

HRN IEC 60853-1:2001/A2:2022 en pr
Proračun cikličke vrijednosti struje kabela i struje preopterećenja – 1. dio: Faktor cikličke opteretivosti za kabele do 18/30(36) kV (IEC 60853-1:1985/am2:2008)
Calculation of the cyclic and emergency current rating of cables – Part 1: Cyclic rating factor for cables up to and including 18/30 (36) kV (IEC 60853-1:1985/am2:2008)

HRN IEC 60949:2001/A1:2022 en pr
Proračun termički dopustivih struja kratkog spoja, uzimajući u obzir učinke neadiabatskog zagrijavanja (IEC 60949:1988/am1:2008)
Calculation of thermally permissible short-circuit currents, taking into account non-adiabatic heating effects (IEC 60949:1988/am1:2008)

HRN IEC 60986:2022 en pr
Granične vrijednosti temperatura električnih kabela nazivnog napona od 6 kV (Um = 7,2 kV) do 30 kV (Um = 36 kV) (IEC 60986:2000)
Short-circuit temperature limits of electric cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60986:2000)

HRN IEC 60986:2022/A1:2022 en pr
Granične vrijednosti temperatura električnih kabela nazivnog napona od 6 kV (Um = 7,2 kV) do 30 kV (Um = 36 kV) (IEC 60986:2000/am1:2008)
Short-circuit temperature limits of electric cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60986:2000/am1:2008)

HRN IEC 62067:2022 en pr
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone iznad 150 kV (Um = 170 kV) do 500 kV (Um = 550 kV) – Ispitne metode i zahtjevi (IEC 62067:2022)
Power cables with extruded insulation and their accessories for rated voltages above 150 kV (Um = 170 kV) up to 500 kV (Um = 550 kV) – Test methods and requirements (IEC 62067:2022)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 60598-2-22:2022 en pr
Svjetiljke – Dio 2-22: Posebni zahtjevi – Svjetiljke za rasvjetu u slučaju opasnosti (IEC 60598-2-22:2021; EN IEC 60598-2-22:2022)
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (IEC 60598-2-22:2021; EN IEC 60598-2-22:2022)

HRN EN IEC 60810:2018/A2:2022 en pr
Žarulje, izvori svjetla i svjetleće diode za cestovna vozila – Izvedbeni zahtjevi (IEC 60810:2017/am2:2022; EN IEC 60810:2018/A2:2022)
Lamps, light sources and LED packages for road vehicles – Performance requirements (IEC 60810:2017/am2:2022; EN IEC 60810:2018/A2:2022)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN IEC 60335-2-11:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-11: Posebni zahtjevi za sušilice s bubnjem (IEC 60335-2-11:2019; EN IEC 60335-2-11:2022)
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2019; EN IEC 60335-2-11:2022)

HRN EN IEC 60335-2-11:2022/A11:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-11: Posebni zahtjevi za sušilice s bubnjem (EN IEC 60335-2-11:2022/A11:2022)
Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers (EN IEC 60335-2-11:2022/A11:2022)

HRN EN IEC 60335-2-62:2022 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-62: Posebni zahtjevi za ugostiteljske sudopere (IEC 60335-2-62:2019; EN IEC 60335-2-62:2022)
Household and similar electrical appliances – Safety – Part 2-62: Particular requirements for commercial electric rinsing sinks (IEC 60335-2-62:2019; EN IEC 60335-2-62:2022)

HRN EN 61770:2011/A12:2022 en pr
Električni aparati spojeni na vodovod – Izbjegavanje povratnog usisa i otkazivanja cijevnoga priključka (EN 61770:2009/A12:2022)
Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets (EN 61770:2009/A12:2022)

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

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

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

HRN EN IEC 62623:2022 en pr
Stolna i prijenosna računala – Mjerenje potrošnje energije (IEC 62623:2022; EN IEC 62623:2022)
Desktop and notebook computers – Measurement of energy consumption (IEC 62623:2022; EN IEC 62623:2022)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 302 065-4-4 V1.1.1:2022 en pr
Uređaji kratkoga dometa (UKD) koji upotrebljavaju ultra širokopojasnu tehnologiju (UŠT) – Harmonizirana norma za pristup radijskom spektru – 4. dio: Senzori materijala – 4. poddio: Vanjski senzori materijala na zemaljskim vozilima (EN 302 065-4-4 V1.1.1:2022)
Short Range Devices (SRD) using Ultra Wide Band technology (UWB) – Harmonised Standard for access to radio spectrum – Part 4: Material Sensing devices – Sub-part 4: Exterior material sensing applications for ground based vehicles (EN 302 065-4-4 V1.1.1:2022)

HRN EN 303 447 V1.3.1:2022 en pr
Uređaji kratkoga dometa (SRD) – Harmonizirana norma za pristup radijskom spektru – Sustavi s induktivnom petljom za robotizirane uređaje za košnju koji rade u frekvencijskom pojasu od 100 Hz do 148,5 kHz (EN 303 447 V1.3.1:2022)
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 (EN 303 447 V1.3.1:2022)

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

HRN EN ISO 11125-9:2022 en pr
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Metode ispitivanja metalnih abraziva za čišćenje mlazom – 9. dio: Ispitivanje trošenja i izvedbe (ISO 11125-9:2021; EN ISO 11125-9:2022)
Preparation of steel substrates before application of paints and related products – Test methods for metallic blast-cleaning abrasives – Part 9: Wear testing and performance (ISO 11125-9:2021; EN ISO 11125-9:2022)

HRN EN 14111:2022 en pr
Derivati masti i ulja – Metilni esteri masnih kiselina – Određivanje jednog broja (EN 14111:2022)
Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of iodine value (EN 14111:2022)

HRN EN 14175-8:2022 en pr
Digestori – 8. dio: Digestori za rad s radioaktivnim materijalima (EN 14175-8:2022)
Fume cupboards – Part 8: Fume cupboards for work with radioactive materials (EN 14175-8:2022)

HRN EN ISO 19403-1:2022 en pr
Boje i lakovi – Kvašenje – 1. dio: Nazivlje i opća načela
(ISO 19403-1:2022; EN ISO 19403-1:2022)
Paints and varnishes – Wettability – Part 1: Vocabulary and
general principles (ISO 19403-1:2022; EN ISO 19403-1:2022)

HZN/TU I2, Strojarstvo 2

HRN EN 474-3:2022/Ispr.1:2022 en pr
Strojevi za zemljane radove – Sigurnost – 3. dio: Zahtjevi za
utovarivače (EN 474-3:2022/AC:2022)
Earth-moving machinery – Safety – Part 3: Requirements for
loaders (EN 474-3:2022/AC:2022)

HRN EN 474-5:2022/Ispr.1:2022 en pr
Strojevi za zemljane radove – Sigurnost – 5. dio: Zahtjevi za
hidraulične bagere (EN 474-5:2022/AC:2022)
Earth-moving machinery – Safety – Part 5: Requirements for
hydraulic excavators (EN 474-5:2022/AC:2022)

HRN EN 15163-1:2022 en pr
Strojevi i postrojenja za eksploataciju i obradu prirodnog
kama – Sigurnost – 1. dio: Zahtjevi za stacionarne
dijamantne žičane pile (EN 15163-1:2022)
Machines and installations for the exploitation and processing
of natural stone – Safety – Part 1: Requirements for stationary
diamond wire saws (EN 15163-1:2022)

HRN EN 15163-2:2022 en pr
Strojevi i postrojenja za eksploataciju i obradu prirodnog
kama – Sigurnost – 2. dio: Zahtjevi za prenosive dijamantne
žičane pile (EN 15163-2:2022)
Machines and installations for the exploitation and processing
of natural stone – Safety – Part 2: Requirements for
transportable diamond wire saws (EN 15163-2:2022)

HRN EN ISO 19014-2:2022 en pr
Strojevi za zemljane radove – Funkcionalna sigurnost – 2. dio:
Projektiranje i procjena zahtjeva za sklopovlje i arhitekturu
dijelova upravljačkog sustava koji se nose na sigurnost
(ISO 19014-2:2022; EN ISO 19014-2:2022)
Earth-moving machinery – Functional safety – Part 2: Design
and evaluation of hardware and architecture requirements for
safety-related parts of the control system (ISO 19014-2:2022;
EN ISO 19014-2:2022)

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

HRN EN ISO 9999:2022 en pr
Pomagala za osobe s invaliditetom – Klasifikacija i nazivlje
(ISO 9999:2022; EN ISO 9999:2022)
Assistive products – Classification and terminology
(ISO 9999:2022; EN ISO 9999:2022)

HRN EN ISO 22683:2022 en pr
Stomatologija – Ispitivanje prilagodljivosti između tijela
implantata i nosača implantata u sustavima dentalnih
implantata (ISO 22683:2022; EN ISO 22683:2022)
Dentistry – Rotational adaptability test between implant
body and implant abutment in dental implant systems
(ISO 22683:2022; EN ISO 22683:2022)

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

HRN EN 3373-001:2022 en pr
Zrakoplovstvo – Zadnje stopice i redni nastavci za krimpanje
na električnim vodičima – Dio 001: Tehnička specifikacija
(EN 3373-001:2022)
Aerospace series – Terminal lugs and in-line splices for
crimping on electric conductors – Part 001: Technical
specification (EN 3373-001:2022)

HRN EN 4841-1:2022 en pr
Zrakoplovstvo – Amortizer s čahurama – 1. dio: Tehnička
specifikacija (EN 4841-1:2022)
Aerospace series – Shock mount with bushes – Part 1:
Technical specification (EN 4841-1:2022)

HRN EN 4841-2:2022 en pr
Zrakoplovstvo – Amortizer s čahurama – 2. dio: Tehnički
pregled (EN 4841-2:2022)
Aerospace series – Shock mount with bushes – Part 2:
Technical overview (EN 4841-2:2022)

HZN/TU V1, Elektronika 1

HRN EN IEC 60749-10:2022 en pr
Poluvodičke komponente – Metode za mehanička i klimatska
ispitivanja – 10. dio: Mehanički udar – Uređaj i podsklop
(IEC 60749-10:2022; EN IEC 60749-10:2022)
Semiconductor devices – Mechanical and climatic test
methods – Part 10: Mechanical shock – Device and
subassembly (IEC 60749-10:2022; EN IEC 60749-10:2022)

HRN EN IEC 60794-1-310:2022 en pr
Svjetlovodni kabeli – Dio 1-310: Generička specifikacija
– Osnovni postupci ispitivanja svjetlovodnih kabela – Metode
ispitivanja elemenata kabela – Skidanje, metoda G10
(IEC 60794-1-310:2022; EN IEC 60794-1-310:2022)
Optical fibre cables – Part 1-310: Generic specification
– Basic optical cable test procedures – Cable element test
methods – Strippability, method G10 (IEC 60794-1-310:2022;
EN IEC 60794-1-310:2022)

HRN EN IEC 60794-3-40:2022 en pr
Svjetlovodni kabeli – Dio 3-40: Kabeli za vanjsku primjenu
– Skupna specifikacija za kabele za odvodnju sanitarne i oborinske
vode (IEC 60794-3-40:2022; EN IEC 60794-3-40:2022)
Optical fibre cables – Part 3-40: Outdoor cables – Family
specification for cables for storm and sanitary sewers
(IEC 60794-3-40:2022; EN IEC 60794-3-40:2022)

HRN EN IEC 61340-5-3:2022 en pr
Elektrostatika – Dio 5-3: Zaštita elektroničkih uređaja od
elektrostatičkih pojava – Klasifikacija svojstava i zahtjeva za
ambalaze namijenjene za uređaje osjetljive na elektrostatičko
pražnjenje (IEC 61340-5-3:2022; EN IEC 61340-5-3:2022)
Electrostatics – Part 5-3: Protection of electronic devices
from electrostatic phenomena – Properties and requirements
classification for packaging intended for electrostatic
discharge sensitive devices (IEC 61340-5-3:2022;
EN IEC 61340-5-3:2022)

HRN EN IEC 63203-201-1:2022 en pr
Nosivi elektronički uređaji i tehnologije – Dio 201-1: Elektronički
tekstil – Metode mjerenja za osnovna svojstva vodljivih niti
(IEC 63203-201-1:2022; EN IEC 63203-201-1:2022)
Wearable electronic devices and technologies – Part 201-1:
Electronic textile – Measurement methods for basic
properties of conductive yarns (IEC 63203-201-1:2022;
EN IEC 63203-201-1:2022)

HRN EN IEC 63203-201-2:2022 en pr
Nosivi elektronički uređaji i tehnologije – Dio 201-2: Elektronički
tekstil – Metode mjerenja za osnovna svojstva vodljivih
tkanina i izolacijskih materijala (IEC 63203-201-2:2022;
EN IEC 63203-201-2:2022)
Wearable electronic devices and technologies – Part 201-2:
Electronic textile – Measurement methods for basic
properties of conductive fabrics and insulation materials
(IEC 63203-201-2:2022; EN IEC 63203-201-2:2022)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN IEC 62619:2022 en pr
Sekundarni članci i baterije koje sadrže alkalne ili druge
nekisele elektrolite – Sigurnosni zahtjevi za sekundarne
litijevе članke i baterije velikog formata za primjenu u industriji
(IEC 62619:2022; EN IEC 62619:2022)
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; EN IEC 62619:2022)

HRN EN IEC 62841-3-5:2022 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija
za travnjake i vrtove – Sigurnost – Dio 3-5: Posebni
zahtjevi za prijenosne tračne pile (IEC 62841-3-5:2022;
EN IEC 62841-3-5:2022)
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; EN IEC 62841-3-5:2022)

HRN EN IEC 62841-3-5:2022/A11:2022 en pr
Ručni elektromotorni alati, prijenosni alati i mehanizacija za
travnjake i vrtove – Sigurnost – Dio 3-5: Posebni zahtjevi za
prijenosne tračne pile (EN IEC 62841-3-5:2022/A11:2022)
Electric motor-operated hand-held tools, transportable
tools and lawn and garden machinery – Safety – Part 3-5:
Particular requirements for transportable band saws
(EN IEC 62841-3-5:2022/A11:2022)

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 6, *Papir, karton i pulpe*

prEN ISO 12625-12 en
Tissue paper and tissue products – Part 12: Determination of tensile strength of perforated lines – Calculation of perforation efficiency (ISO/DIS 12625-12:2022)
Tanki upijajući papir i proizvodi od tankoga upijajućeg papira – 12. dio: Određivanje prekidne čvrstoće na perforaciji – Izračun učinkovitosti perforacije (ISO/DIS 12625-12:2022)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

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

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

prEN ISO 19932-1 en
Equipment for crop protection – Knapsack sprayers – Part 1: Safety and environmental requirements (ISO/DIS 19932-1:2022)
Oprema za zaštitu bilja – Leđno nosive prskalice – 1. dio: Zahtjevi za sigurnost i s obzirom na zaštitu okoliša (ISO/DIS 19932-1:2022)

prEN ISO 19932-2 en
Equipment for crop protection – Knapsack sprayers – Part 2: Test methods (ISO/DIS 19932-2:2022)
Oprema za zaštitu bilja – Leđno nosive prskalice – 2. dio: Metode ispitivanja (ISO/DIS 19932-2:2022)

prEN ISO 19932-3 en
Equipment for crop protection – Knapsack sprayers – Part 3: Inspection of knapsack sprayers in use (ISO/DIS 19932-3:2022)

HZN/TO 28, *Naftni proizvodi i maziva*

prEN 16568 en
Automotive fuels – Blends of Fatty acid methyl ester (FAME) with diesel fuel – Determination of oxidation stability by rapidly accelerated oxidation method at 120 °C
Goriva za motorna vozila – Mješavine metilnih estera masnih kiselina (FAME) s dizelskim gorivom – Određivanje oksidacijske stabilnosti metodom jako ubrzane oksidacije pri 120 °C

prEN 16709 en
Automotive fuels – High FAME diesel fuel (B20 and B30) – Requirements and test methods
Goriva za motorna vozila – Dizelsko gorivo s velikom količinom FAME (B20 ili B30) – Zahtjevi i metode ispitivanja

prEN 17867 en
Petrol fuel for small internal combustion engines – Requirements and test methods

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

ISO 771:2021 en
Oilseed meals – Determination of moisture and volatile matter content
Uljane pogače i sačme – Određivanje udjela vode i hlapljivih tvari

prEN ISO 11746 en
Rice – Determination of biometric characteristics of kernels (ISO 11746:2020)
Riža – Određivanje biometričkih karakteristika zrna (ISO 11746:2020)

HZN/TO 43, *Akustika*

prEN ISO 20270 en
Acoustics – Characterization of sources of structure-borne sound and vibration – Indirect measurement of blocked forces (ISO 20270:2019)

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 15614-2 en
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 2: Arc welding of aluminium and its alloys (ISO/DIS 15614-2:2022)
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 2. dio: Elektrolučno zavarivanje aluminija i njegovih legura (ISO/DIS 15614-2:2022)

HZN/TO 74, *Cement i vapno*

prEN 197-6 en
Cement – Part 6: Cement with recycled building materials
Cement – 6. dio: Cement s recikliranim građevnim materijalima

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

EN ISO 22042:2021/prA1 en
Blast chiller and freezer cabinets for professional use – Classification, requirements and test conditions (ISO 22042:2021/DAM 1:2022)
Rashladni ormari za brzo hlađenje i zamrzavanje za profesionalnu upotrebu – Klasifikacija, zahtjevi i uvjeti ispitivanja (ISO 22042:2021/DAM 1:2022)

HZN/TO 134, *Gnojiva i poboljšivači tla*

prEN 15959 en
Inorganic fertilizers – Determination of extracted phosphorus P2O5

HZN/TO 136, *Namještaj*

prEN 17684 en
Furniture – Electrically operated furniture – Stability, strength, durability and mechanical safety requirements

prEN 17850 en
Furniture – Star bases for seating – Requirements and test methods

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

EN 1401-1:2019/prA1 en
Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U) – Part 1: Specifications for pipes, fittings and the system
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Neomekšani poli(vinil-klorid) (PVC-U) – 1. dio: Specifikacije za cijevi, spojnice i sustav

HZN/TO 163, *Toplinska izolacija*

prEN 16863 en
Thermal insulation products for buildings – Factory made reflective insulation (RI) products – Specification
Toplinsko-izolacijski proizvodi za zgrade – Tvornički proizvedeni reflektirajući izolacijski (RI) proizvodi – Specifikacija

prEN ISO 18393-1 en
Thermal insulation products – Determination of ageing by settlement – Part 1: Blown loose fill insulation for ventilated attics simulating humidity and temperature cycling (ISO/DIS 18393-1:2022)
Toplinsko-izolacijski proizvodi – Određivanje starenja slijeganjem – 1. dio: Izolacijski materijali u rastresitom stanju za ugradnju upuhivanjem za ventilirana potkrovlja, simulacija ciklusa promjene vlage i temperature (ISO/DIS 18393-1:2022)

HZN/TO 172, *Optika i optički instrumenti*

prEN ISO 9342-1 en
Optics and optical instruments – Test lenses for calibration of focimeters – Part 1: Reference lenses for focimeters used for measuring spectacle lenses (ISO/DIS 9342-1:2022)

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

prEN 81-31 en
Safety rules for the construction and installation of lifts – Lifts for the transport of goods only – Part 31: Accessible goods only lifts
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala samo za prijevoz tereta – 31. dio: Dizala u koja je moguć pristup

prEN 81-42 en
Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 42: Vertical lifting appliance with enclosed carrier intended for use by persons, including persons with disability

prEN 81-76 en
Safety rules for the construction and installation of lifts – Particular applications for passenger and goods passenger lifts – Part 76: Evacuation of persons with disabilities using lifts
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 76. dio: Evakuacija osoba s invalidnošću i sa smanjenom pokretljivošću s pomoću dizala

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

prEN 1888-3 en
Wheeled child conveyances – Part 3: Pushchairs for heavier children intended for sport activities

EN 16232:2013/prA2 en
Child use and care articles – Infant swings
Proizvodi za dojenčad i malu djecu – Njihaljke za dojenčad

HZN/TO 211, Geoinformacije/Geomatika

prEN ISO 19150-6 en
Geographic information – Ontology – Part 6: Service ontology register (ISO/DIS 19150-6:2022)

HZN/TO 215, Zdravstvena informatika

prEN ISO/IEEE 11073-10404 en
Health informatics – Device interoperability – Part 10404: Personal health device communication – Device specialization – Pulse oximeter (ISO/IEEE/FDIS 11073-10404:2022)

prEN ISO/IEEE 11073-10407 en
Health informatics – Device interoperability – Part 10407: Personal health device communication – Device specialization – Blood pressure monitor (ISO/IEEE/FDIS 11073-10407:2022)

prEN ISO/IEEE 11073-10408 en
Health informatics – Device interoperability – Part 10408: Personal health device communication – Device specialization – Thermometer (ISO/IEEE/FDIS 11073-10408:2022)

prEN ISO/IEEE 11073-10415 en
Health informatics – Device interoperability – Part 10415: Personal health device communication – Device specialization – Weighing scale (ISO/IEEE/FDIS 11073-10415:2022)

prEN ISO/IEEE 11073-10420 en
Health informatics – Device interoperability – Part 10420: Personal health device communication – Device specialization – Body composition analyzer (ISO/IEEE/FDIS 11073-10420:2022)

prEN ISO/IEEE 11073-20601 en
Health informatics – Device interoperability – Part 20601: Personal health device communication – Application profile – Optimized exchange protocol (ISO/IEEE/FDIS 11073-20601:2022)

HZN/TO 238, Čvrsta biogoriva

prEN ISO 18123 en
Solid biofuels – Determination of volatile matter (ISO/DIS 18123:2022)

prEN ISO 18134-3 en
Solid biofuels – Determination of moisture content – Oven dry method – Part 3: Moisture in general analysis sample (ISO/DIS 18134-3:2022)
Čvrsta biogoriva – Određivanje udjela vlage – Metoda sušenika – 3. dio: Vlaga u općem uzorku za analizu (ISO/DIS 18134-3:2022)

HZN/TO 307, Ulančani blokovi i tehnologija distribuirane glavne knjige

prEN ISO 22739 en
Blockchain and distributed ledger technologies – Vocabulary (ISO 22739:2020)

HZN/TO 503, Metalni materijali

prEN 10209 en
Cold rolled low carbon steel flat products for vitreous enamelling – Technical delivery conditions
Hladno valjani čelični plosnati proizvodi od niskougljičnog čelika za staklasto emajliranje – Tehnički uvjeti isporuke

prEN 10359 en
Laser welded tailored blanks – Technical delivery conditions
Laserski zavareni umeci, krojeni po mjeri – Tehnički uvjeti isporuke

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

prEN ISO 15551-1 en
Petroleum and natural gas industries – Drilling and production equipment – Part 1: Electric submersible pump systems for artificial lift (ISO 15551-1:2022)
Industrija nafte i prirodnoga plina – Oprema za bušenje i proizvodnju – 1. dio: Električne uronjive pumpe za mehaničko podizanje fluida (ISO 15551-1:2022)

HZN/TO 513, Mjerne jedinice i mjerila

prEN ISO 5167-3 en
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 3: Nozzles and Venturi nozzles (ISO/DIS 5167-3:2022)
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 3. dio: Šapnice i Venturijeve šapnice (ISO/DIS 5167-3:2022)

prEN 13486 en
Temperature recorders and thermometers for measuring the ambient or internal temperature for the transport, storage and distribution of temperature sensitive goods – Periodic verification

HZN/TO 524, Inteligentni transportni sustavi

prEN 15876-1 en
Electronic fee collection – Conformity evaluation of on-board and roadside equipment to EN 15509 – Part 1: Test suite structure and test purposes

prEN 17870 en
Intelligent transport systems – eSafety – eCall additional data concept for equipment limitations

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

prEN 13416 en
Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Rules for sampling
Savitljive hidroizolacijske trake – Bitumenske, plastične i elastomerne hidroizolacijske trake za krovove – Pravila za uzorkovanje

HZN/TO 528, Oprema za željeznice

EN 15152:2019/prA1 en
Railway applications – Windscreens for trains
Željeznički sustav – Vjetrobranska stakla za vlakove

EN 16186-5:2021/prA1 en
Railway applications – Driver's cabs – Part 5: External visibility for tram vehicles
Željeznički sustav – Upravljačnica – 5. dio: Vidljivost iz tramvajske upravljačnice

prEN 45545-6 en
Railway applications – Fire protection on railway vehicles – Part 6: Fire control and management systems
Željeznički sustav – Zaštita od požara na željezničkim vozilima – 6. dio: Nadzor i upravljanje protupožarnim sustavima

HZN/TO 529, Dizalice i prenosila neprekidne dobave

prEN 13001-3-1 en

Cranes – General design – Part 3-1: Limit states and proof competence of steel structure
Graniči – Osnove projektiranja – Dio 3-1: Granična stanja i dokaz sigurnosti za čelične nosive konstrukcije

HZN/TO 531, Plastika i guma

prEN ISO 182-3 en

Plastics – Determination of the tendency of compounds and products based on vinyl chloride homopolymers and copolymers to evolve hydrogen chloride and any other acidic products at elevated temperatures – Part 3: Conductometric method (ISO/DIS 182-3:2022)

Plastika – Određivanje sklonosti smjesa i proizvoda vinil-klorid homopolimera i kopolimera prema stvaranju vodiklorida i ostalih kiselinskih proizvoda pri povišenim temperaturama – 3. dio: Konduktometrijska metoda (ISO/DIS 182-3:2022)

prEN ISO 293 en

Plastics – Compression moulding of test specimens of thermoplastic materials (ISO/DIS 293:2022)

Plastika – Izravno prešani plastomerni ispitci (ISO/DIS 293:2022)

prEN ISO 4608 en

Plastics – Homopolymer and copolymer resins of vinyl chloride for general use – Determination of plasticizer absorption at room temperature (ISO/DIS 4608:2022)

Plastika – Homopolimeri i kopolimeri vinil-klorida za opću uporabu – Određivanje apsorpcije omekšavala pri sobnoj temperaturi (ISO/DIS 4608:2022)

prEN ISO 7231 en

Polymeric materials, cellular, flexible – Determination of air flow value at constant pressure-drop (ISO/DIS 7231:2022)

Savitljivi pjenasti polimerni materijali – Određivanje protoka zraka pri stalnom padu tlaka (ISO/DIS 7231:2022)

prEN ISO 11337 en

Plastics – Polyamides – Determination of ϵ -caprolactam and ω -laurilactam by gas chromatography (ISO/DIS 11337:2022)

Plastika – Poliamidi – Određivanje ϵ -kaprolaktama i ω -laurilaktama plinskom kromatografijom (ISO/DIS 11337:2022)

prEN 15346 en

Plastics – Recycled plastics – Characterization of poly(vinyl chloride) (PVC) recyclates

Plastika – Reciklirana plastika – Karakterizacija poli(vinil-kloridnih) (PVC) reciklata

prEN ISO 20753 en

Plastics – Test specimens (ISO/DIS 20753:2022)

Plastika – Ispitni uzorci (ISO/DIS 20753:2022)

HZN/TO 534, Spremnici za teret

prEN 12285-4 en

Workshop fabricated steel tanks – Part 4: Vertical cylindrical single skin and double skin tanks for the aboveground storage of flammable and nonflammable water polluting liquids other than for heating and cooling of buildings

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

prEN ISO 128-2 en

Technical product documentation (TPD) – General principles of representation – Part 2: Basic conventions for lines (ISO/FDIS 128-2:2022)

Tehnička dokumentacija proizvoda (TDP) – Osnovna načela prikazivanja – 2. dio: Osnovne konvencije o crtama (ISO/FDIS 128-2:2022)

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

EN 253:2019/prA1 en

District heating pipes – Bonded single pipe systems for directly buried hot water networks – Factory made pipe assembly of steel service pipe, polyurethane thermal insulation and a casing of polyethylene

Cijevi za daljinsko grijanje – Povezani cijevni sustavi s jednom cijevi za ukopane vrelododne mreže – Tvornički izrađen cijevni sklop od čelične cijevi, poliuretanske toplinske izolacije i polietilenske ovojnice

FprEN ISO 13349-1 en

Fans – Vocabulary and definitions of categories – Part 1: Vocabulary (ISO/FDIS 13349-1:2022)

Ventilatori – Terminološki rječnik i definicije skupina – 1. dio: Terminološki rječnik (ISO/FDIS 13349-1:2022)

FprEN ISO 13349-2 en

Fans – Vocabulary and definitions of categories – Part 2: Categories (ISO/FDIS 13349-2:2022)

Ventilatori – Terminološki rječnik i definicije skupina – 2. dio: Skupine (ISO/FDIS 13349-2:2022)

prEN ISO 16484-5 en

Building automation and control systems (BACS) – Part 5: Data communication protocol (ISO/FDIS 16484-5:2022)

Sustavi automatizacije i upravljanja u zgradama (BACS) – 5. dio: Podatkovni komunikacijski protokol (ISO/FDIS 16484-5:2022)

prEN 17690-1 en

Components for BAC Control Loop – Sensors – Part 1: Room temperature sensors

Komponente za BAC upravljačku petlju – Osjetnici – 1. dio: Osjetnici sobne temperature

HZN/TO 551, Gradnja

FprEN 17632-1 en

Building information modelling (BIM) – Semantic modelling and linking (SML) – Part 1: Generic modelling patterns

Modeliranje informacija o građevinama (BIM) – Semantičko modeliranje i povezivanje (SML) – 1. dio: Generički uzorci za modeliranje

HZN/TO 557, Zaštitna odjeća

prEN ISO 13997 en

Protective clothing – Mechanical properties – Determination of resistance to cutting by sharp objects (ISO/DIS 13997:2022)

Zaštitna odjeća – Mehanička svojstva – Određivanje otpornosti na razrezivanje oštrim predmetima (ISO/DIS 13997:2022)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN ISO 23632 en

Industrial valves – Design validation-testing of valves (ISO 23632:2021)

Industrijski zaporni uređaji – Validacijsko ispitivanje konstrukcije zapornih uređaja (ISO 23632:2021)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 5978 en

Rubber or plastics-coated fabrics – Determination of blocking resistance (ISO/DIS 5978:2022)

Plošne tekstilije naslojene gumom ili plastikom – Određivanje otpornosti slučajnog slijepijivanja (ISO/DIS 5978:2022)

prEN ISO 9073-13 en

Nonwovens – Test methods – Part 13: Repeated liquid strike-through time (simulated urine) (ISO/DIS 9073-13:2022)

prEN ISO 9073-14 en

Nonwovens – Test methods – Part 14: Coverstock wetback (simulated urine) (ISO/DIS 9073-14:2022)

HZN/TO 562, Alatni strojevi i alati

prEN ISO 19085-7 en

Woodworking machines – Safety – Part 7: Surface planing, thickness planing, combined surface/thickness planing machines (ISO/DIS 19085-7:2022)

Strojevi za obradu drva – Sigurnost – 7. dio: Strojevi za blanjanje površina, strojevi za blanjanje na debljinu i kombinirani strojevi za blanjanje površina i blanjanje na debljinu (ISO/DIS 19085-7:2022)

prEN ISO 19085-9 en

Woodworking machines – Safety – Part 9: Circular saw benches (with and without sliding table) (ISO/DIS 19085-9:2022)

Strojevi za obradu drva – Sigurnost – 9. dio: Kružne stolne pile (sa i bez klizne ploče) (ISO/DIS 19085-9:2022)

prEN ISO 19085-11 en

Woodworking machines – Safety – Part 11: Combined machines (ISO/DIS 19085-11:2022)

Strojevi za obradu drva – Sigurnost – 11. dio: Kombinirani strojevi (ISO/DIS 19085-11:2022)

HZN/TO 563, Sigurnost strojeva

prEN 15518-3 en
Winter maintenance equipment – Road weather information systems – Part 3: Requirements on measured values of stationary equipment
Oprema za zimsko održavanje – Informatički sustav o vremenu na cestama – 3. dio: Zahtjevi za izmjerene vrijednosti nepomične opreme

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

prEN 17855 en
Foodstuffs – Minimum performance requirements for quantitative measurement of the food allergens milk, egg, peanut, hazelnut, almond, walnut, cashew, pecan nut, brazil nut, pistachio nut, macadamia nut, wheat, lupine, sesame, mustard, soy, celery, fish, molluscs and crustaceans

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

prEN ISO 15799 en
Soil quality – Guidance on the ecotoxicological characterization of soils and soil materials (ISO 15799:2019)
Kvaliteta tla – Upute za ekotoksikološku karakterizaciju tla i materijala u tlu (ISO 15799:2019)

prEN ISO 17616 en
Soil quality – Guidance on the choice and evaluation of bioassays for ecotoxicological characterization of soils and soil materials (ISO 17616:2019)

prEN ISO 19204 en
Soil quality – Procedure for site-specific ecological risk assessment of soil contamination (soil quality TRIAD approach) (ISO 19204:2017)

prEN ISO 22036 en
Soil, treated biowaste and sludge – Determination of elements using inductively coupled plasma optical emission spectrometry (ICP-OES) (ISO/DIS 22036:2022)
Tlo, obrađeni biootpad i mulj – Određivanje elemenata pomoću optičke emisijske spektrometrije s induktivno spregnutom plazmom (ICP-OES) (ISO/DIS 22036:2022)

HZN/TO 582, Informacijska sigurnost i upravljanje kontinuitetom poslovanja

prEN ISO/IEC 27006-1 en
Requirements for bodies providing audit and certification of information security management systems – Part 1: General (ISO/IEC/DIS 27006-1:2022)

HZN/TO E2, Rotacijski strojevi

prEN IEC 60034-27-2:2022 en
Rotating electrical machines – Part 27-2: On-line partial discharge measurements on the stator winding insulation of rotating electrical machines (IEC 60034-27-2 ED1)

HZN/TO E9, Električna oprema za željeznicu

prEN IEC 62847 en
Railway applications – Rolling stock – Electrical connectors – Requirements and test methods (IEC 62847:2016)

HZN/TO E15, Čvrsti elektrotehnički izolacijski materijali

prEN IEC 60626-1:2022 en
Combined flexible materials for electrical insulation – Part 1: Definitions and general requirements (IEC 60626-1 ED4)
Kombinirani savitljivi materijali za električne izolacije – 1. dio: Definicije i opći zahtjevi (IEC 60626-1 ED4)

HZN/TO E17, Sklopni i upravljački uređaji

prEN IEC 60947-2:2022 en
Low-voltage switchgear and controlgear – Part 2: Circuit-breakers (IEC 60947-2 ED6)
Niskonaponska sklopna aparatura – 2. dio: Prekidači (IEC 60947-2 ED6)

prEN IEC 61439-5:2022 en
Low-voltage switchgear and controlgear assemblies – Part 5: Assemblies for power distribution in public networks (IEC 61439-5 ED3)
Niskonaponski sklopni blokovi – 5. dio: Blokovi za distribuciju u javnim mrežama (IEC 61439-5 ED3)

HZN/TO E20, Električni kabeli

prHD 620 S3 en
Distribution cables with extruded insulation for rated voltages from 3,6/6 (7,2) kV up to and including 20,8/36 (42) kV
Distribucijski kabeli s ekstrudiranim izolacijom za nazivne napone od 3,6/6 (7,2) kV do i uključivo 20,8/36 (42) kV

HZN/TO E23, Električni instalacijski pribor

EN 62606:2013/prAB en
General requirements for arc fault detection devices
Opći zahtjevi za uređaje za otkrivanje elektrolučnog kvara

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

prEN IEC 60335-1:2022 en
Household and similar electrical appliances – Safety – Part 1: General requirements (IEC 60335-1:2020+Corr.1:2021)
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi (IEC 60335-1:2020+Corr.1:2021)

prEN IEC 60335-1:2022/prAA:2022 en
Household and similar electrical appliances – Safety – Part 1: General requirements
Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi

prEN IEC 60335-2-116:2022 en
Household and similar electrical appliances – Safety – Part 2-116: Particular requirements for furniture with electrically motorized parts (IEC 60335-2-116:2019)

prEN IEC 60335-2-116:2022/prAA:2022 en
Household and similar electrical appliances – Safety – Part 2-116: Particular requirements for furniture with electrically motorized parts

HZN/TO E76, Sigurnost optičkoga zračenja i laserska oprema

prEN IEC 60601-2-57:2022 en
Medical electrical equipment – Part 2-57: Particular requirements for the basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetic use (IEC 60601-2-57 ED2)
Medicinska električna oprema – Dio 2-57: Posebni zahtjevi za temeljnu sigurnost i bitne značajke opreme sa svjetlosnim izvorima koji nisu laseri, a koja je namijenjena za uporabu u terapijske, dijagnostičke, promatračke i kozmetičko/estetske svrhe (IEC 60601-2-57 ED2)

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

EN IEC 63269:2022 en
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)

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

EN IEC 61557-7:2022/prA1:2022 en
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 7: Phase sequence (IEC 61557-7:2019/am1 ED3)
Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjernje struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 7. dio: Redosljed faza (IEC 61557-7:2019/am1 ED3)

prEN IEC 61557-9:2022 en

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 9: Equipment for insulation fault location in IT systems (IEC 61557-9 ED4)

Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 9. dio: Oprema za određivanje mjesta loše izolacije u IT sustavima (IEC 61557-9 ED4)

prEN IEC 61557-14:2022 en

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 14: Equipment for testing the safety of electrical equipment for machinery (IEC 61557-14 ED2)

Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 14. dio: Oprema za ispitivanje sigurnosti električne opreme strojeva (IEC 61557-14 ED2)

prEN IEC 61557-16:2022 en

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment (IEC 61557-16 ED2)

Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjerne struje – Oprema za ispitivanje, mjerenje ili nadzor mjera zaštite – 16. dio: Oprema za ispitivanje učinkovitosti mjera zaštite električne opreme i/ili medicinske električne opreme (IEC 61557-16 ED2)

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

prEN IEC 60728-113:2022 en

Cable networks for television signals, sound signals and interactive services – Part 113: Optical systems for broadcast signal transmissions loaded with digital channels only (IEC 60728-113 ED2)

Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 113. dio: Optički sustavi za radiodifuzijski prijenos signala koji se sastoji samo od digitalnih kanala (IEC 60728-113 ED2)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

prEN IEC/IEEE 63195-1 en

Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) – Part 1: Measurement procedure (IEC/IEEE 63195-1:2022)

Procjena gustoće snage kod izloženosti ljudi radiofrekvencijskim poljima bežičnih uređaja u neposrednoj blizini glave i tijela (frekvencijski raspon od 6 GHz do 300 GHz) – 1. dio: Mjerni postupak (IEC/IEEE 63195-1:2022)

prEN IEC/IEEE 63195-2 en

Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) – Part 2: Computational procedure (IEC/IEEE 63195-2:2022)

Procjena gustoće snage kod izloženosti ljudi radiofrekvencijskim poljima bežičnih uređaja u neposrednoj blizini glave i tijela (frekvencijski raspon od 6 GHz do 300 GHz) – 2. dio: Postupak izračuna (IEC/IEEE 63195-2:2022)

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 300 132-2 V2.6.6:2022 en

Environmental Engineering (EE) – Power supply interface at the input of Information and Communication Technology (ICT) equipment – Part 2: -48 V Direct Current (DC)

Inženjersvo okoliša (EE) – Sučelje za izvore napajanja na ulazu opreme informacijsko-komunikacijske tehnologije (IKT) – 2. dio: -48 V istosmjerna struja (DC)

Draft EN 300 468 V1.17.1:2022 en

Digital Video Broadcasting (DVB) – Specification for Service Information (SI) in DVB systems
Digitalna videodifuzija (DVB) – Specifikacije za servisne informacije (SI) u DVB sustavima

Draft EN 301 489-54 V1.0.1:2022 en

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services – Part 54: Specific conditions for fixed ground based aeronautical and meteorological radars – Harmonised Standard for electromagnetic compatibility
Norma elektromagnetske kompatibilnosti (EMC) za radijsku opremu i usluge – 54. dio: Posebni uvjeti za fiksne zemaljske zrakoplovne i meteorološke radare – Harmonizirana norma za elektromagnetsku kompatibilnost

Draft EN 303 980 V1.3.0:2022 en

Satellite Earth Stations and Systems (SES) – Fixed and in-motion Earth Stations communicating with non-geostationary satellite systems (NEST) in the 11 GHz to 14 GHz frequency bands – Harmonised Standard for access to radio spectrum
Satelitske zemaljske postaje i sustavi (SES) – Nepokretne i pokretne zemaljske postaje koje komuniciraju s negeostacionarnim satelitskim sustavima (NEST) u frekvencijskim pojasima od 11 GHz do 14 GHz – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 981 V1.3.0:2022 en

Satellite Earth Stations and Systems (SES) – Fixed and in-motion Wide Band Earth Stations communicating with non-geostationary satellite systems (WBES) in the 11 GHz to 14 GHz frequency bands – Harmonised Standard for access to radio spectrum
Satelitske zemaljske postaje i sustavi (SES) – Nepokretne i pokretne širokopojasne zemaljske postaje koje komuniciraju s ne-geostacionarnim satelitskim sustavima (WBES) u frekvencijskim pojasima od 11 GHz do 14 GHz – Harmonizirana norma za pristup radijskom spektru

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

prEN ISO 23157 en

Determination of the silanol group content on the surface of fumed silica – Reaction gas chromatographic method (ISO 23157:2021)

HZN/TU I2, Strojarstvo 2

prEN ISO 23779 en

Shot blasting machinery – Safety and environmental requirements (ISO/DIS 23779:2022)

Strojevi za pjekarenje – Zahtjevi s obzirom na sigurnost i okoliš (ISO/DIS 23779:2022)

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

EN ISO 3826-1:2019/prA1 en

Plastics collapsible containers for human blood and blood components – Part 1: Conventional containers (ISO 3826-1:2019/DAM 1:2022)

Plastični sklopivi spremnici za ljudsku krv i komponente krvi – 1. dio: Uobičajeni spremnici (ISO 3826-1:2019/DAM 1:2022)

prEN 17854 en

Antimicrobial wound dressings – Requirements and test method

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

FprEN 2003-2 en

Aerospace series – Steels – Test methods – Part 2: Izod impact test

Zrakoplovstvo – Čelici – Metode ispitivanja – 2. dio: Ispitivanje udarnog rada loma po Izodu

prEN 2267-011 en

Aerospace series – Cables, electrical, for general purpose – Operating temperatures between -55 °C and 260 °C – Part 011: DZA family, single and multicore assembly for use in low pressure atmosphere – Product standard

Zrakoplovstvo – Kabeli, električni, opće namjene – Radna temperatura između -55 °C i 200 °C – Dio 011: DZA porodica, jednožilni i višezilni sklop za upotrebu u atmosferi niskog tlaka – Norma za proizvod

prEN 2267-012 en

Aerospace series – Cables, electrical, for general purpose – Operating temperatures between -55 °C and 260 °C – Part 012: DZ family, single UV laser printable for use in low pressure atmosphere – Product standard

Zrakoplovstvo – Kabeli, električni, opće namjene – Radna temperatura između -55 °C i 200 °C – Dio 012: DZA porodica, jednožilni predviđen za ispisivanje pomoću UV lasera u atmosferi niskog tlaka – Norma za proizvod

- prEN 2302 en
Aerospace series – Heat resisting nickel base alloy Ni Cr20Co3Fe3 – Rm ≥ 650 MPa – Sheets and strips, cold rolled – 0,25 mm < a ≤ 3 mm
Zrakoplovstvo – Legura na bazi nikla otporna na toplinu Ni Cr20Co3Fe3 – Rm ≥ 650 MPa – Limovi i trake, hladno valjani – 0,25 mm < a ≤ 3 mm
- prEN 3014 en
Aerospace series – Shank nuts, self-locking, serrated, in heat resisting steel FE-PA2601 (A286) – Classification: 1 100 MPa (at ambient temperature) / 650 °C
Zrakoplovstvo – Držač matica, samozatvarajući, nazubljen, od čelika otpornog na toplinu FE-PA2601 (A286) – Klasifikacija: 1 100 MPa (pri temperaturi okoline) / 650 °C
- FprEN 3155-074 en
Aerospace series – Electrical contacts used in elements of connection – Part 074: Contacts, electrical, quadax, size 8, male, type E, crimp, class R – Product standard
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – Dio 074: Kontakti, električni, kvadratni, veličina 8, muški, tip E, za krpanje, razreda R – Norma za proizvod
- prEN 3375-008 en
Aerospace series – Cable, electrical, for digital data transmission – Part 008: Single braid – Star Quad 100 Ohms – Type KD – Product standard
Zrakoplovstvo – Električni kabeli za prijenos digitalnih podataka – Dio 008: Jednostruko pleteni – Četverožilni 100 Oma – Tip KD – Norma za proizvod
- prEN 3660-033 en
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 033: stainless steel banding band, style Z, for attachment of individual and /or overall screens to cable outlets – Product standard
Zrakoplovstvo – Oprema utičnice kabela za kružne i kvadratne električne i optičke spojnice – Dio 033: Traka od nehrđajućeg čelika, stila Z, za pričvršćivanje pojedinih i/ili cjelovitih zasloni na utičnice – Norma za proizvod
- prEN ISO 3691-1 en
Industrial trucks – Safety requirements and verification – Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO/DIS 3691-1:2022)
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 1. dio: Industrijska vozila na vlastiti pogon, osim vozila bez vozača, vozila s promjenjivim dometom i teretnih vozila (ISO/DIS 3691-1:2022)
- prEN 4113 en
Aerospace series – Clamps, loop (“P” type) in corrosion resisting steel, passivated, with rubber cushioning – Dimensions, masses
Zrakoplovstvo – Stege, s petljom (tipa „P“) od čelika otpornog na koroziju, pasivizirane s gumenim jastučićima – Dimenzije i mase
- prEN 4114 en
Aerospace series – Clamps, loop (“P” type) in aluminium alloy, with rubber cushioning – Dimensions, masses
Zrakoplovstvo – Stege, s petljom (tipa „P“) od aluminija s gumenim jastučićima – Dimenzije i mase
- prEN 4604-003 en
Aerospace series – Cable, electrical, for signal transmission – Part 003: Cable, coaxial, 50 Ohm, 200 °C, type WZ – Product standard
Zrakoplovstvo – Kabel, električni, za prijenos signala – Dio 003: Kabel, koaksijalni, 50 oma, 200 °C, tip WZ – Norma za proizvod
- prEN 4641-301 en
Aerospace series – Cables, optical 125 µm diameter cladding – Part 301: Tight structure 50/125 µm GI, fibre nominal 1,8 mm, outside diameter – Product standard
Zrakoplovstvo – Kabeli, optički, promjera omotača 125 µm – 301. dio: Čvrsta konstrukcija 50/125 µm GI vlakana nazivnoga vanjskog promjera 1,8 mm – Norma za proizvod
- FprEN 4677-001 en
Aerospace series – Welded and brazed assemblies for aerospace constructions – Joints of metallic materials by electron beam welding – Part 001: Quality of welded assemblies
Zrakoplovstvo – Zavareni ili tvrdo lemljeni spojevi za konstrukcije u zrakoplovstvu – Spajanje metalnih materijala zavarivanjem elektronskom zrakom – Dio 001: Kvaliteta zavarenih spojeva
- FprEN 4840-002 en
Aerospace series – Heat shrinkable moulded shapes – Part 002: Index of product standards and product dimensions
Zrakoplovstvo – Lijevani fazonski dijelovi koji se skupljaju na toplini – Dio 001: Indeks norme za proizvod i dimenzije proizvoda
- prEN 9102 en
Aerospace series – Quality systems – First Article Inspection Requirement
Zrakoplovstvo – Sustavi kvalitete – Zahtjevi za ispitivanje prvog uzorka
- prEN 9115-002 en
Aerospace series – Requirements for Aviation, Space, and Defence Organizations – Non-Deliverable Software
Zrakoplovstvo – Zahtjevi za organizacije u području zrakoplovstva, svemira i obrane – Neisporučiva programska podrška
- prEN 9300-120 en
Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D CAD and PDM data – Part 120: CAD 3D explicit geometry with graphic product and manufacturing information
- prEN 9300-121 en
Aerospace series – LOTAR – LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D CAD and PDM data – Part 121: Semantic representation of CAD 3D Explicit Geometry with Product and Manufacturing Information
- prEN 9300-125 en
Aerospace series – LOTAR – Part 125: Explicit CAD assembly structure with Graphic Product and Manufacturing Information (PMI)
- prEN 9722 en
Aerospace series – Architecture for integrated management of a system's health condition
Zrakoplovstvo – Arhitektura za integrirano upravljanje zdravstvenim stanjem sustava
- EN 16307-1:2020/prA1 en
Industrial trucks – Safety requirements and verification – Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 1. dio: Dopunski zahtjevi za industrijska vozila s vlastitim pogonom osim vozila bez vozača, vozila promjenjivog dohvata i vozila za prijevoz tereta
- prEN 17860-1 en
Carrier cycles – Part 1: Terms and definitions
Teretni bicikli – 1. dio: Nazivi i definicije
- prEN 17860-2 en
Carrier Cycles – Part 2: Lightweight single track carrier cycles – Mechanical aspects
Teretni bicikli – 2. dio: Lagani teretni bicikli s kotačima na istom pravcu – Mehanički aspekti
- prEN 17860-3 en
Carrier Cycles – Part 3: Lightweight multi track carrier cycles – Mechanical aspects
Teretni bicikli – 2. dio: Lagani teretni bicikli s kotačima koji nisu na istom pravcu – Mehanički aspekti

HZN/TU U1, Opća elektrotehnika 1

- prEN IEC 60068-2-14:2022 en
Environmental testing – Part 2-14: Tests – Test N: Change of temperature (IEC 60068-2-14 ED7)
Ispitivanje utjecaja okoliša – Dio 2-14: Ispitivanja – N ispitivanje: Promjena temperature (IEC 60068-2-14 ED7)
- prEN IEC 60068-2-17:2022 en
Environmental testing – Part 2-17: Tests – Test Q: Sealing (IEC 60068-2-17 ED5)
Ispitivanje utjecaja okoliša – Dio 2-17: Ispitivanja – Q ispitivanje: Brtvljenje (IEC 60068-2-17 ED5)
- prEN IEC 60068-3-1:2022 en
Environmental testing – Part 3-1: Supporting documentation and guidance – Cold and dry heat tests (IEC 60068-3-1 ED3)
Ispitivanje utjecaja okoliša – Dio 3-1: Popratna dokumentacija i upute – Ispitivanje hladnoćom i suhom toplinom (IEC 60068-3-1 ED3)

prEN IEC 60068-3-4:2022 en
Environmental testing – Part 3-4: Supporting documentation and guidance – Damp heat tests (IEC 60068-3-4 ED2)
Ispitivanje utjecaja okoliša – Dio 3-4: Popratna dokumentacija i upute – Ispitivanja topline s vlagom (IEC 60068-3-4 ED2)

HZN/TU V1, Elektronika 1

prEN IEC 60793-1-44:2022 en
Optical fibres – Part 1-44: Measurement methods and test procedures – Cut-off wavelength (IEC 60793-1-44 ED3)

prEN IEC 60794-1-303:2022 en
Optical fibre cables – Part 1-303: Generic specification – Basic optical cable test procedures – Cable element test methods – Ribbon dimensions – Aperture gauge, Method G3 (IEC 60794-1-303 ED1)

prEN IEC 60794-2-22:2022 en
Optical fibre cables – Part 2-22: Indoor cables – Detail specification for multi-simplex breakout optical cables for use in terminated breakout cable assemblies (IEC 60794-2-22 ED2)

prEN IEC 60794-2-50:2022 en
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 ED3)
Svjetlovodni kabele – Dio 2-50: Kabeli u zatvorenom prostoru – Specifikacija skupine za jednosmjerne i dvosmjerne kabele za uporabu u završnim sklopovima kabela (IEC 60794-2-50 ED3)

prEN IEC 60966-2-1:2022 en
Radio frequency and coaxial cable assemblies – Part 2-1: Sectional specification for flexible coaxial cable assemblies (IEC 60966-2-1 ED4)

prEN IEC 60966-2-2:2022 en
Radio frequency and coaxial cable assemblies – Part 2-2: Blank detail specification for flexible coaxial cable assemblies (IEC 60966-2-2 ED3)

prEN IEC 60966-3:2022 en
Radio frequency and coaxial cable assemblies – Part 3: Sectional specification for semi-flexible coaxial cable assemblies (IEC 60966-3 ED4)

prEN IEC 60966-3-1:2022 en
Radio frequency and coaxial cable assemblies – Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies (IEC 60966-3-1 ED4)

prEN IEC 60966-4:2022 en
Radio frequency and coaxial cable assemblies – Part 4: Sectional specification for semi-rigid coaxial cable assemblies (IEC 60966-4 ED3)

prEN IEC 60966-4-1:2022 en
Radio frequency and coaxial cable assemblies – Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies (IEC 60966-4-1 ED3)

prEN IEC 61300-2-6:2022 en
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 ED3)

FprEN IEC 61753-053-02:2022 en
Fibre optic interconnecting devices and passive components – Performance standard – Part 053-02: Nonconnectorized, single-mode fibre, electrically controlled, variable optical attenuator for category C – Controlled environments (IEC 61753-053-02 ED1)

prEN IEC 61757-1-2:2022 en
Fibre Optic Sensors – Part 1-2: Strain measurement – Distributed sensing based on Brillouin scattering (IEC 61757-1-2 ED1)

prEN IEC 63203-204-1:2022 en
Wearable electronic devices and technologies – Part 204-1: Electronic textile – Test method for assessing washing durability of e-textile products (IEC 63203-204-1 ED2)

prEN IEC 63203-801-1:2021 en
Wearable electronic devices and technologies – Part 801-1: Smart Body Area Network (SmartBAN) – Enhanced Ultra-Low Power Physical Layer (IEC 63203-801-1 ED1)

prEN IEC 63203-801-2:2021 en
Wearable electronic devices and technologies – Part 801-2: Smart Body Area Network (SmartBAN) – Low Complexity Medium Access Control (MAC) for SmartBAN (IEC 63203-801-2 ED1)

prEN IEC 63215-2:2022 en
Endurance test methods for die attach materials – Part 2: Temperature cycling test method for die attach materials applied to discrete type power electronic devices (IEC 63215-2 ED1)

HZN/TU W1, Energetska elektrotehnika 1

FprEN IEC 60974-1:2021/prAA en
Arc welding equipment – Part 1: Welding power sources
Oprema za elektrolučno zavarivanje – 1. dio: Izvori napajanja za zavarivanje

EN 62620:2015/prA1:2022 en
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for use in industrial applications (IEC 62620:2014/am1 ED1)
Sekundarne ćelije i baterije koje sadrže alkalne i ostale nekisele elektrolite – Sekundarne litijeve ćelije i baterije za uporabu u industrijskim primjenama (IEC 62620:2014/am1 ED1)

prEN IEC 62822-3:2022 en
Electric welding equipment – Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) – Part 3: Resistance welding equipment (IEC 62822-3 ED2)
Električni oprema za zavarivanje – Procjena u vezi s ograničenjem izloženosti ljudi elektromagnetskim poljima (0 Hz do 300 Hz) – 3. dio: Oprema za elektrotoporno zavarivanje (IEC 62822-3 ED2)

1.4 Povučene hrvatske norme

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

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

HZN/TO 21, Protupožarna i vatrogasna oprema

HRN DIN 14675:2015 de
Sustavi za otkrivanje i dojavu požara – Ugradba i rad (DIN 14675:2012+Beiblatt 1:2014)
Brandmeldeanlagen – Aufbau und Betrieb (DIN 14675:2012+Beiblatt 1:2014)
- bez zamjene

HRN DIN 14678:2015 de
Ručni javljač požara (tip K) za primjenu u pogonskim prostorijama potencijalno ugroženim eksplozijom plinova ili prašine (DIN 14678:2008)
Handfeuermelder (Bauart K) zur Anwendung in durch Gase oder Stäube explosionsgefährdeten Betriebsstätten (DIN 14678:2008)
- bez zamjene

HZN/TO 28, Naftni proizvodi i maziva

HRI CR 13837:2008 en
Dizelska goriva za automobile – Određivanje filtrabilnosti – SFPP metoda (CR 13837:2000)
Automotive diesel fuels – Determination of filtrability – SFPP method (CR 13837:2000)
- bez zamjene

HRI CR 13838:2008 en
Dizelska goriva za automobile – Određivanje filtrabilnosti – AGELFI metoda (CR 13838:2000)
Automotive diesel fuels – Determination of filtrability – AGELFI method (CR 13838:2000)
- bez zamjene

HRI CR 13839:2009 en
Naftni proizvodi – Određivanje udjela aromatskog ugljika – ¹³C nuklearna magnetska rezonancija (NMR) spektrometrijska metoda (CR 13839:2000)
Petroleum products – Determination of aromaticity – ¹³C nuclear magnetic resonance (NMR) spectrometric method (CR 13839:2000)
- bez zamjene

HRI CR 13840:2009 en
Naftni proizvodi – Određivanje policikličkih aromatskih ugljikovodika – Metoda ultraljubičaste (UV) spektrometrije (CR 13840:2000)
Petroleum products – Determination of polycyclic aromatic hydrocarbons – Ultraviolet (UV) spectrometric method (CR 13840:2000)
- bez zamjene

HRI CEN/TR 15138:2008 en
Naftni proizvodi i druge tekućine – Uputa za ispitivanje točke paljenja (CEN/TR 15138:2005)
Petroleum products and other liquids – Guide to flash point testing (CEN/TR 15138:2005)
- bez zamjene

HRI CEN/TR 15367-1:2014 en
Naftni proizvodi – Uputa za ispravno postupanje – 1. dio: Dizelska goriva (CEN/TR 15367-1:2014)
Petroleum products – Guidelines for good housekeeping – Part 1: Automotive diesel fuels (CEN/TR 15367-1:2014)
- bez zamjene

HRI CEN/TR 15993:2013 en
Goriva za motorna vozila – Etanol (E85) gorivo za motorna vozila – Osnova zahtjevnih veličina i njihove granične vrijednosti i određivanje (CEN/TR 15993:2013)
Automotive fuels – Ethanol (E85) automotive fuel – Background to the parameters required and their respective limits and determination (CEN/TR 15993:2013)
- bez zamjene

HZN/TO 43, Akustika

HRN ISO 10844:2018 en
Akustika – Specificiranje ispitnih staza za mjerenje buke cestovnih vozila i njihovih pneumatika (ISO 10844:2014)
Acoustics – Specification of test tracks for measuring noise emitted by road vehicles and their tyres (ISO 10844:2014)
- bez zamjene

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 4136:2013 en
Razorna ispitivanja zavarenih spojeva na metalnim materijalima – Poprečno vlačno ispitivanje (ISO 4136:2012; EN ISO 4136:2012)
Destructive tests on welds in metallic materials – Transverse tensile test (ISO 4136:2012; EN ISO 4136:2012)
- zamijenjena s: HRN EN ISO 4136:2022

HRN EN ISO 14327:2008 en
Elektrotoporno zavarivanje – Postupci određivanja zavarljivosti za elektrotoporno točkasto, bradavičasto i šavno zavarivanje (ISO 14327:2004; EN ISO 14327:2004)
Resistance welding – Procedures for determining the weldability lobe for resistance spot, projection and seam welding (ISO 14327:2004; EN ISO 14327:2004)
- zamijenjena s: HRN EN ISO 18278-1:2022

HRN EN ISO 18278-1:2015 en
Elektrotoporno zavarivanje – Zavarljivost – 1. dio: Opći zahtjevi za ocjenjivanje zavarljivosti za točkasto, šavno i bradavičasto zavarivanje metalnih materijala (ISO 18278-1:2015; EN ISO 18278-1:2015)
Resistance welding – Weldability – Part 1: General requirements for the evaluation of weldability for resistance spot, seam and projection welding of metallic materials (ISO 18278-1:2015; EN ISO 18278-1:2015)
- zamijenjena s: HRN EN ISO 18278-1:2022

HZN/TO 89, Furniri i drvene ploče

HRI CR 213:2011 en
Ploče iverice – Određivanje emisije formaldehida u određenim uvjetima – Metoda zvana: metoda emisije formaldehida (CR 213:1984)
Particle boards – Determination of formaldehyde emission under specified conditions – Method called: formaldehyde emission method (CR 213:1984)
- bez zamjene

HZN/TO 108, Mehaničke vibracije i udari

HRN ISO 13091-2:2013 en
Mehaničke vibracije – Vibrotaktilne perceptivne granice za ocjenjivanje nervne disfunkcije – 2. dio: Analiza i interpretacija mjerenja na vršcima prstiju (ISO 13091-2:2003)
Mechanical vibration – Vibrotactile perception thresholds for the assessment of nerve dysfunction – Part 2: Analysis and interpretation of measurements at the fingertips (ISO 13091-2:2003)
- bez zamjene

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN 13544-3:2010 en
Oprema za respiracijsku terapiju – 3. dio: Uređaji za obogaćivanje zraka kisikom (EN 13544-3:2001+A1:2009)
Respiratory therapy equipment – Part 3: Air entrainment devices (EN 13544-3:2001+A1:2009)
- zamijenjena s: HRN EN ISO 23372:2022

HRN EN ISO 80601-2-13:2013 en
Medicinska električna oprema – Dio 2-13: Posebni zahtjevi za osnovnu sigurnost i nužne značajke anestezioloških radnih stanica (ISO 80601-2-13:2011; EN ISO 80601-2-13:2012)
Medical electrical equipment – Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2011; EN ISO 80601-2-13:2012)
- zamijenjena s: HRN EN ISO 80601-2-13:2022

HRN EN ISO 80601-2-13:2013/A1:2019 en
Medicinska električna oprema – Dio 2-13: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke anestezioloških radnih stanica (ISO 80601-2-13:2011/Amd 1:2015; EN ISO 80601-2-13:2012/A1:2019)
Medical electrical equipment – Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2011/Amd 1:2015; EN ISO 80601-2-13:2012/A1:2019)
- zamijenjena s: HRN EN ISO 80601-2-13:2022

HRN EN ISO 80601-2-13:2013/A2:2019 en
Medicinska električna oprema – Dio 2-13: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke anestezioloških radnih stanica (ISO 80601-2-13:2011/Amd 2:2018; EN ISO 80601-2-13:2012/A2:2019)
Medical electrical equipment – Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2011/Amd 2:2018; EN ISO 80601-2-13:2012/A2:2019)
- zamijenjena s: HRN EN ISO 80601-2-13:2022

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

HRS CEN/TS 1401-2:2012 en
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Neomekšani poli(vinil-klorid) (PVC-U) – 2. dio: Upute za ocjenu sukladnosti (CEN/TS 1401-2:2012)
Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U) – Part 2: Guidance for assessment of conformity (CEN/TS 1401-2:2012)
- bez zamjene

HRS CEN/TS 1451-2:2012 en
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Polipropilen (PP) – 2. dio: Upute za ocjenjivanje sukladnosti (CEN/TS 1451-2:2012)
Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure – Polypropylene (PP) – Part 2: Guidance for the assessment of conformity (CEN/TS 1451-2:2012)
- zamijenjena s: HRS CEN/TS 1451-2:2022

HRN EN 1565-1:2003 en
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Mješavine kopolimera stirena (SAN+PVC) – 1. dio: Specifikacije za cijevi, spojnice i sustave (EN 1565-1:1998)
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Styrene copolymer blends (SAN+PVC) – Part 1: Specifications for pipes, fittings and the systems (EN 1565-1:1998)
- bez zamjene

HRS CEN/TS 1565-2:2012 en
Plastični cijevni sustavi za odvodnju onečišćenih i otpadnih voda (niske i visoke temperature) unutar građevinskih konstrukcija – Mješavine kopolimera stirena (SAN+PVC) – 2. dio: Upute za ocjenu sukladnosti (CEN/TS 1565-2:2012)
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure – Styrene-copolymer blends (SAN+PVC) – Part 2: Guidance for the assessment of conformity (CEN/TS 1565-2:2012)
- bez zamjene

HRS CEN/TS 13476-4:2013 en
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Cijevni sustavi sa strukturiranom stijenkom od neomekšanoga poli(vinil-klorida) (PVC-U), polipropilena (PP) i polietilena (PE) – 4. dio: Upute za ocjenjivanje sukladnosti (CEN/TS 13476-4:2013)
Plastics piping systems for non-pressure underground drainage and sewerage – Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 4: Guidance for the assessment of conformity (CEN/TS 13476-4:2013)
- zamijenjena s: HRS CEN/TS 13476-4:2022

HRN EN ISO 13479:2010 en
Poliolefinske cijevi za transport tekućina – Određivanje otpornosti na širenje pukotine – Ispitna metoda za spori rast pukotine na cijevima sa zarezima (ispitivanje sa zarezom) (ISO 13479:2009; EN ISO 13479:2009)
Polyolefin pipes for the conveyance of fluids – Determination of resistance to crack propagation – Test method for slow crack growth on notched pipes (ISO 13479:2009; EN ISO 13479:2009)
- zamijenjena s: HRN EN ISO 13479:2022

HRN EN 15012:2007 en
Plastični cijevni sustavi – Sustavi za odvodnju onečišćenih i otpadnih voda unutar građevinske konstrukcije – Radne značajke cijevi, spojnice i njihovih spojeva (EN 15012:2007)
Plastics piping systems – Soil and waste discharge systems within the building structure – Performance characteristics for pipes, fittings and their joints (EN 15012:2007)
- bez zamjene

HRN EN 15014:2007 en
Plastični cijevni sustavi – Podzemni i nadzemni tlačni sustavi za vodu i ostale tekućine – Radne značajke za cijevi, spojnice i njihove spojeve (EN 15014:2007)
Plastics piping systems – Buried and above ground systems for water and other fluids under pressure – Performance characteristics for pipes, fittings and their joints (EN 15014:2007)
- bez zamjene

HRN EN 15015:2007 en
Plastični cijevni sustavi – Sustavi za toplu i hladnu vodu koja nije namijenjena za ljudsku potrošnju – Radne značajke za cijevi, spojnice i njihove spojeve (EN 15015:2007)
Plastics piping systems – Systems for hot and cold water not intended for human consumption – Performance characteristics for pipes, fittings and their joints (EN 15015:2007)
- bez zamjene

HZN/TO 159, *Ergonomija*

HRN ISO 11228-1:2003 en
Ergonomija – Ručno rukovanje teretom – 1. dio: Podizanje i nošenje (ISO 11228-1:2003)
Ergonomics – Manual handling – Part 1: Lifting and carrying (ISO 11228-1:2003)
- bez zamjene

HRN EN ISO 15537:2007 en
Načela odabira i uporabe osoba za ispitivanje antropometrijskih parametara industrijskih proizvoda i oblikovanja (ISO 15537:2004; EN ISO 15537:2004)
Principles for selecting and using test persons for testing anthropometric aspects of industrial products and designs (ISO 15537:2004; EN ISO 15537:2004)
- zamijenjena s: HRN EN ISO 15537:2022

HZN/TO 163, *Toplinska izolacija*

HRN ISO/TR 9165:1998 en
Svojstva građevnih gradiva i proizvoda u praksi (ISO/TR 9165:1988)
Practical thermal properties of building materials and products (ISO/TR 9165:1988)
- bez zamjene

HRN ISO 9869:1998 en
Toplinska izolacija – Građevinski elementi – Mjerenje toplinskog otpora i toplinske prohodnosti in situ (ISO 9869:1994)
Thermal insulation – Building elements – In-situ measurement of thermal resistance and thermal transmittance (ISO 9869:1994)
- zamijenjena s: HRN ISO 9869-1:2022

HRN EN ISO 12241:2008 en
Toplinsko izoliranje kućnih i industrijskih instalacija – Pravila proračuna (ISO 12241:2008; EN ISO 12241:2008)
Thermal insulation for building equipment and industrial installations – Calculation rules (ISO 12241:2008; EN ISO 12241:2008)
- zamijenjena s: HRN EN ISO 12241:2022

HZN/TO 165, *Drvene konstrukcije*

HRN EN 384:2018 en
Konstrukcijsko drvo – Određivanje karakterističnih vrijednosti mehaničkih svojstava i gustoće (EN 384:2016+A1:2018)
Structural timber – Determination of characteristic values of mechanical properties and density (EN 384:2016+A1:2018)
- zamijenjena s: HRN EN 384:2022

HRN EN 14081-2:2018 en
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 2. dio: Strojno razvrstavanje, dodatni zahtjevi za početno ispitivanje tipa (EN 14081-2:2018)
Timber structures – Strength graded structural timber with rectangular cross section – Part 2: Machine grading, additional requirements for initial type testing (EN 14081-2:2018)
- zamijenjena s: HRN EN 14081-2:2022

HZN/TO 172, *Optika i optički instrumenti*

HRN ISO 9802:2004 en,fr,ru
Sirovo optičko staklo – Rječnik (ISO 9802:1996)
Raw optical glass – Vocabulary (ISO 9802:1996)
- zamijenjena s: HRN ISO 9802:2022

HRN ISO 9802:2004/Ispr.1:2014 en
Sirovo optičko staklo – Rječnik (ISO 9802:1996/Cor 1:2005)
Raw optical glass – Vocabulary (ISO 9802:1996/Cor 1:2005)
- zamijenjena s: HRN ISO 9802:2022

HRN EN ISO 12005:2008 en

Laseri i pridružena oprema – Ispitne metode za parametre laserskog snopa – Polarizacija (ISO 12005:2003; EN ISO 12005:2003)
Lasers and laser-related equipment – Test methods for laser beam parameters – Polarization (ISO 12005:2003; EN ISO 12005:2003)
- zamijenjena s: HRN EN ISO 12005:2022

HRN EN ISO 13696:2008 en

Optika i fotonika – Laseri i pridružena oprema – Ispitne metode za optičkim komponentama raspršeno zračenje (ISO 13696:2002; EN ISO 13696:2002)
Optics and optical instruments – Test methods for radiation scattered by optical components (ISO 13696:2002; EN ISO 13696:2002)
- zamijenjena s: HRN EN ISO 13696:2022

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

HRN EN 81-28:2019 en

Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za prijevoz osoba i tereta – 28. dio: Daljinska dojava opasnosti na osobnim i osobno teretnim dizalima (EN 81-28:2018+AC:2019)
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 28: Remote alarm on passenger and goods passenger lifts (EN 81-28:2018+AC:2019)
- zamijenjena s: HRN EN 81-28:2022

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 14344:2009 en

Proizvodi za dojenčad i malu djecu – Dječja sjedala za bicikle – Sigurnosni zahtjevi i metode ispitivanja (EN 14344:2004)
Child use and care articles – Child seats for cycles – Safety requirements and test methods (EN 14344:2004)
- zamijenjena s: HRN EN 14344:2022

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14015:2010 hr-en

Upravljanje okolišem – Procjena okoliša lokacija i organizacija (EASO) (ISO 14015:2001; EN ISO 14015:2010)
Environmental management – Environmental assessment of sites and organizations (EASO) (ISO 14015:2001; EN ISO 14015:2010)
- zamijenjena s: HRN EN ISO 14015:2022

HZN/TO 217, Kozmetika

HRN EN ISO 24442:2012 en

Kozmetika – Metode ispitivanja sredstava za zaštitu od sunca – In vivo određivanje UVA zaštite (ISO 24442:2011; EN ISO 24442:2011)
Cosmetics – Sun protection test methods – In vivo determination of sunscreen UVA protection (ISO 24442:2011; EN ISO 24442:2011)
- zamijenjena s: HRN EN ISO 24442:2022

HZN/TO 502, Plinski uređaji

HRN EN 497:2000 en

Odredbes za aparate na ukapljeni naftni plin – Višenamjenski plamenici za kuhanje (kuhala) na ukapljeni plin za primjenu na otvorenom (EN 497:1997)
Specification for dedicated liquefied petroleum gas appliances – Multi purpose boiling burners for outdoor use (EN 497:1997)
- zamijenjena s: HRN EN 497:2022

HRN EN 656:2004 en

Plinski kotlovi za centralno grijanje s atmosferskim plamenicima – Kotlovi vrste B s nazivnim toplinskim opterećenjem preko 70 kW do 300 kW (EN 656:1999)
Gas-fired central heating boilers – Type B boilers of nominal heat input exceeding 70 kW but not exceeding 300 kW (EN 656:1999)
- bez zamjene

HRN EN 656:2004/A1:2008 en

Plinski kotlovi za centralno grijanje s atmosferskim plamenicima – Kotlovi vrste B s nazivnim toplinskim opterećenjem preko 70 kW do 300 kW (EN 656:1999/A1:2006)
Gas-fired central heating boilers – Type B boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW (EN 656:1999/A1:2006)
- bez zamjene

HRN EN 751-3/AC:2004 en

Brtvna sredstva za metalne navojne spojeve u dodiru s plinovima prve, druge i treće skupine plinova i vrućom vodom – 3. dio: Nesinterirane PTFE trake (EN 751-3:1996/AC:1997)
Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water – Part 3: Unsintered PTFE tapes (EN 751-3:1996/AC:1997)
- zamijenjena s: HRN EN 751-3:2022

HRN EN 751-3:2000 en

Brtvna sredstva za metalne navojne spojeve u dodiru s plinovima prve, druge i treće skupine plinova i vrućom vodom – 3. dio: Nesinterirane PTFE trake (EN 751-3:1996)
Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water – Part 3: Unsintered PTFE tapes (EN 751-3:1996)
- zamijenjena s: HRN EN 751-3:2022

HRN EN 777-4:2009 en

Plinski ovjesni nekućanski tamno-zračeći cijevni sustavi grijanja s više plamenika s ventilatorima – 4. dio: Sustav H – Sigurnost (EN 777-4:2009)
Multi-burner gas-fired overhead radiant tube heater systems for non-domestic use – Part 4: System H – Safety (EN 777-4:2009)
- zamijenjena s: HRN EN 17175:2021

HZN/TO 503, Metalni materijali

HRN EN 573-3:2019 en

Aluminij i aluminijeve legure – Kemijski sastav i oblik gnječanih proizvoda – 3. dio: Kemijski sastav i oblik proizvoda (EN 573-3:2019)
Aluminium and aluminium alloys – Chemical composition and form of wrought products – Part 3: Chemical composition and form of products (EN 573-3:2019)
- zamijenjena s: HRN EN 573-3:2022

HRN EN ISO 6149-1:2019 en

Priključci za hidraulične tekućine za prijenos snage i opću namjenu – Navojni otvori i čepovi s ISO 261 metričkim navojima i brtvljenjem pomoću O-prstena – 1. dio: Navojni otvori sa skraćenim ležištem za O-prsten (ISO 6149-1:2019; EN ISO 6149-1:2019)
Connections for hydraulic fluid power and general use – Ports and stud ends with ISO 261 metric threads and O-ring sealing – Part 1: Ports with truncated housing for O-ring seal (ISO 6149-1:2019; EN ISO 6149-1:2019)
- zamijenjena s: HRN EN ISO 6149-1:2022

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 4528:2015 en

Staklaste i porculanske emajlirane površine – Smjernice za odabir metoda ispitivanja za staklaste i porculanske emajlirane dijelove proizvoda (ISO 4528:2015; EN ISO 4528:2015)
Vitreous and porcelain enamel finishes – Guide to selection of test methods for vitreous and porcelain enamelled areas of articles (ISO 4528:2015; EN ISO 4528:2015)
- zamijenjena s: HRN EN ISO 4528:2022

HRN EN ISO 6988:2001 en

Metalne i druge neorganske prevlake – Ispitivanje sumpornim dioksidom s općom kondenzacijom vlage (ISO 6988:1985; EN ISO 6988:1994)
Metallic and other non-organic coatings – Sulfur dioxide test with general condensation of moisture (ISO 6988:1985; EN ISO 6988:1994)
- zamijenjena s: HRN EN ISO 22479:2022

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

HRS CEN ISO/TS 16530-2:2016 en

Integritet kanala bušotine – 2. dio: Integritet kanala bušotine pri proizvodnim uvjetima (ISO/TS 16530-2:2014; CEN ISO/TS 16530-2:2015)
Well integrity – Part 2: Well integrity for the operational phase (ISO/TS 16530-2:2014; CEN ISO/TS 16530-2:2015)
- bez zamjene

HRS CEN ISO/TS 17969:2015 en

Industrija nafte, petrokemije i prirodnoga plina – Smjernice za osposobljenost osoblja (ISO/TS 17969:2015; CEN ISO/TS 17969:2015)
Petroleum, petrochemical and natural gas industries – Guidelines on competency for personnel (ISO/TS 17969:2015; CEN ISO/TS 17969:2015)
- bez zamjene

HRN EN ISO 19905-3:2019 en
Industrija nafte i prirodnoga plina – Procjena specifičnosti lokacije za pokretne odobalne jedinice – 3. dio: Plutajuća jedinica (ISO 19905-3:2017; EN ISO 19905-3:2019)
Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 3: Floating unit (ISO 19905-3:2017; EN ISO 19905-3:2019)
- zamijenjena s: HRN EN ISO 19905-3:2022

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 16495:2013 en
Ambalaža – Transportna ambalaža za opasne terete – Metode ispitivanja (ISO 16495:2013; EN ISO 16495:2013)
Packaging – Transport packaging for dangerous goods – Test methods (ISO 16495:2013; EN ISO 16495:2013)
- zamijenjena s: HRN EN ISO 16495:2022

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN ISO 5167-1:2005 en
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 1. dio: Opća načela i zahtjevi (ISO 5167-1:2003; EN ISO 5167-1:2003)
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 1: General principles and requirements (ISO 5167-1:2003; EN ISO 5167-1:2003)
- zamijenjena s: HRN EN ISO 5167-1:2022

HRN EN ISO 5167-2:2005 en
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 2. dio: Prigušnice (ISO 5167-2:2003; EN ISO 5167-2:2003)
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 2: Orifice plates (ISO 5167-2:2003; EN ISO 5167-2:2003)
- zamijenjena s: HRN EN ISO 5167-2:2022

HRN EN ISO 5167-4:2005 en
Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 4. dio: Venturijeve cijevi (ISO 5167-4:2003; EN ISO 5167-4:2003)
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 4: Venturi tubes (ISO 5167-4:2003; EN ISO 5167-4:2003)
- zamijenjena s: HRN EN ISO 5167-4:2022

HRN EN ISO 9300:2008 en
Mjerenje protoka plina pomoću Venturijevih sapnica (ISO 9300:2005; EN ISO 9300:2005)
Measurement of gas flow by means of critical flow Venturi nozzles (ISO 9300:2005; EN ISO 9300:2005)
- zamijenjena s: HRN EN ISO 9300:2022

HZN/TO 515, Žičare, uspinjače i vučnice

HRN EN 13796-2:2017 en
Sigurnosni zahtjevi za žičare za prijevoz osoba – Vozila – 2. dio: Ispitivanje steznog uređaja na proklizavanje (EN 13796-2:2017)
Safety requirements for cableway installations designed to carry persons – Carriers – Part 2: Slipping resistance tests for grips (EN 13796-2:2017)
- zamijenjena s: HRN EN 13796-2:2022

HZN/TO 521, Usluge održavanja

HRN EN 15341:2019 en
Održavanje – Ključni pokazatelji učinkovitosti održavanja (EN 15341:2019)
Maintenance – Maintenance Key Performance Indicators (EN 15341:2019)
- zamijenjena s: HRN EN 15341:2022

HZN/TO 524, Inteligentni transportni sustavi

HRN EN 13149-1:2008 en
Javni prijevoz – Sustavi za planiranje i kontrolu rasporeda vožnje cestovnih vozila – 1. dio: Opis sustava WORLDIFIP i pravila primjene za prijenos podataka u vozilu (EN 13149-1:2004)
Public transport – Road vehicle scheduling and control systems – Part 1: WORLDIFIP definition and application rules for onboard data transmission (EN 13149-1:2004)
- bez zamjene

HRN EN 13149-2:2008 en
Javni prijevoz – Sustavi za planiranje i kontrolu rasporeda vožnje cestovnih vozila – 2. dio: Specifikacije ožičenja sustava WORLDIFIP (EN 13149-2:2004)
Public transport – Road vehicle scheduling and control systems – Part 2: WORLDIFIP cabling specifications (EN 13149-2:2004)
- bez zamjene

HRS CEN/TS 13149-3:2008 en
Javni prijevoz – Sustavi za planiranje i kontrolu rasporeda vožnje cestovnih vozila – 3. dio: Sadržaj poruke WorldFIP (CEN/TS 13149-3:2007)
Public transport – Road vehicle scheduling and control systems – Part 3: WorldFIP message content (CEN/TS 13149-3:2007)
- bez zamjene

HRN EN 13149-4:2008 en
Javni prijevoz – Sustavi za planiranje i kontrolu rasporeda vožnje cestovnih vozila – 4. dio: Osnovna pravila primjene za CANopen prijenosne sabirnice (EN 13149-4:2004)
Public transport – Road vehicle scheduling and control systems – Part 4: General application rules for CANopen transmission buses (EN 13149-4:2004)
- bez zamjene

HRS CEN/TS 13149-6:2008 en
Javni prijevoz – Sustavi za planiranje i kontrolu rasporeda vožnje cestovnih vozila – 6. dio: Sadržaj poruke CAN protokola (CEN/TS 13149-6:2005)
Public transport – Road vehicle scheduling and control systems – Part 6: CAN message content (CEN/TS 13149-6:2005)
- bez zamjene

HRN EN ISO 14819-6:2008 en
Informacije o prometu i putovanju (TTI) – Informativne poruke o prometu i putovanju u sustavu kodiranja prometnih informacija – 6. dio: Enkripcijski i uvjetovani pristup sustavu prijenosa podataka putem radija (RDS) – ALERT C kodiranje na kanalu za prometne poruke (ISO 14819-6:2006; EN ISO 14819-6:2006)
Traffic and Traveller Information (TTI) – TTI messages via traffic message coding – Part 6: Encryption and conditional access for the Radio Data System – Traffic Message Channel ALERT C coding (ISO 14819-6:2006; EN ISO 14819-6:2006)
- bez zamjene

HRN EN ISO 15007-1:2014 en
Cestovna vozila – Mjerenje vizualnog ponašanja vozača u odnosu na transportne informacije i upravljačke sustave – 1. dio: Definicije i parametri (ISO 15007-1:2014; EN ISO 15007-1:2014)
Road vehicles – Measurement of driver visual behaviour with respect to transport information and control systems – Part 1: Definitions and parameters (ISO 15007-1:2014; EN ISO 15007-1:2014)
- bez zamjene

HRS CEN/TS 16331:2012 en
Elektronička naplata – Profili interoperabilnih primjena za autonomne sustave (CEN/TS 16331:2012)
Electronic fee collection – Interoperable application profiles for autonomous systems (CEN/TS 16331:2012)
- bez zamjene

HRS CEN/TS 16406:2013 en
Inteligentni transportni sustavi – Javni prijevoz – Neizravna nadoplata za željeznički prijevoz (CEN/TS 16406:2013)
Intelligent transport systems – Public transport – Indirect Fulfilment for Rail (CEN/TS 16406:2013)
- bez zamjene

HZN/TO 528, Oprema za željeznice

HRN EN 15734-2:2011/Ispr.1:2013 en
Željeznički sustav – Kočni sustavi za vlakove velikih brzina – 2. dio: Metode ispitivanja (EN 15734-2:2010/AC:2012)
Railway applications – Braking systems of high speed trains – Part 2: Test methods (EN 15734-2:2010/AC:2012)
- zamijenjena s: HRN EN 15734-2:2022

HRN EN 15892:2011 en
Željeznički sustav – Emisija buke – Mjerenje buke u upravljačnicama (EN 15892:2011)
Railway applications – Noise Emission – Measurement of noise inside driver's cabs (EN 15892:2011)
- zamijenjena s: HRN EN ISO 3381:2021

HZN/TO 529, Dizalice i prenosila neprekidne dobave

HRN ISO 12210-1:2002 en
Granici – Uređaji za sidrenje u pogonskim i izvan pogonskim uvjetima – 1. dio: Općenito (ISO 12210-1:1998)
Cranes – Anchoring devices for in-service and out-of-service conditions – Part 1: General (ISO 12210-1:1998)
- zamijenjena s: HRN ISO 12210:2022

HRN ISO 12210-4:2002 en
Granici – Uređaji za sidrenje u pogonskim i izvan pogonskim uvjetima – 4. dio: Dohvatni granici (ISO 12210-4:1998+Cor 1:2000)
Cranes – Anchoring devices for in-service and out-of-service conditions – Part 4: Jib cranes (ISO 12210-4:1998+Cor 1:2000)
- zamijenjena s: HRN ISO 12210:2022

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

HRN EN ISO 340:2013 en
Conveyor belts – Laboratory scale flammability characteristics – Requirements and test method (ISO 340:2013; EN ISO 340:2013)
- zamijenjena s: HRN EN ISO 340:2022

HZN/TO 531, Plastika i guma

HRN EN ISO 6807:2008 en
Gumena crijeva i crijevni uređaji za rotacijsko bušenje i vibracijsku primjenu – Specifikacija (ISO 6807:2003; EN ISO 6807:2003)
Rubber hoses and hose assemblies for rotary drilling and vibration applications – Specification (ISO 6807:2003; EN ISO 6807:2003)
- bez zamjene

HRN EN ISO 8032:2008 en
Gumeni i plastični crijevni uređaji – Savijanje kombinirano s hidrauličnim impulsnim ispitivanjem (poluomega ispitivanje) (ISO 8032:1997; EN ISO 8032:1999)
Rubber and plastics hose assemblies – Flexing combined with hydraulic impulse test (half-omega test) (ISO 8032:1997; EN ISO 8032:1999)
- bez zamjene

HRN EN ISO 10093:2008 en
Plastika – Ispitivanje gorivosti – Normirani izvori zapaljenja (ISO 10093:1998; EN ISO 10093:1998)
Plastics – Fire tests – Standard ignition sources (ISO 10093:1998; EN ISO 10093:1998)
- bez zamjene

HRN EN 12575:2008 en
Plastika – Duromeri za kalupljenje – Određivanje stupnja kvašenja vlakna u SMC-u (EN 12575:1998)
Plastics – Thermoset moulding compounds – Determination of the degree of fibre wet out in SMC (EN 12575:1998)
- bez zamjene

HRI CEN/TR 15822:2010 en
Plastika – Biorazgradljiva plastika u tlu ili na njemu – Obnavljanje, odlaganje i teme povezane s okolišem (CEN/TR 15822:2009)
Plastics – Biodegradable plastics in or on soil – Recovery, disposal and related environmental issues (CEN/TR 15822:2009)
- bez zamjene

HRS CEN/TS 16010:2013 en
Plastika – Reciklirana plastika – Postupci uzorkovanja za ispitivanje plastičnoga otpada i reciklata (CEN/TS 16010:2013)
Plastics – Recycled plastics – Sampling procedures for testing plastics waste and recyclates (CEN/TS 16010:2013)
- bez zamjene

HRN EN ISO 22007-2:2015 en
Plastika – Određivanje toplinske vodljivosti i toplinske difuzivnosti – 2. dio: Metoda kratkotrajnoga površinskog izvora topline (vruća ploča) (ISO 22007-2:2015; EN ISO 22007-2:2015)
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 2: Transient plane heat source (hot disc) method (ISO 22007-2:2015; EN ISO 22007-2:2015)
- zamijenjena s: HRN EN ISO 22007-2:2022

HZN/TO 534, Spremnici za teret

HRN EN 17124:2019 en
Vodik kao gorivo – Specifikacija proizvoda i osiguranje kvalitete – Gorivni članci s polimernom protonski vodljivom membranom (PEM) za cestovna vozila (EN 17124:2018)
Hydrogen fuel – Product specification and quality assurance – Proton exchange membrane (PEM) fuel cell applications for road vehicles (EN 17124:2018)
- zamijenjena s: HRN EN 17124:2022

HZN/TO 535, Agregati

HRN EN 932-3:2003 en
Ispitivanje općih svojstava agregata – 3. dio: Postupak i nazivlje za pojednostavnjeni petrografski opis (EN 932-3:1996)
Tests for general properties of aggregates – Part 3: Procedure and terminology for simplified petrographic description (EN 932-3:1996)
- zamijenjena s: HRN EN 932-3:2022

HRN EN 932-3:2003/A1:2008 en
Ispitivanje općih svojstava agregata – 3. dio: Postupak i nazivlje za pojednostavnjeni petrografski opis (EN 932-3:1996/A1:2003)
Tests for general properties of aggregates – Part 3: Procedure and terminology for simplified petrographic description (EN 932-3:1996/A1:2003)
- zamijenjena s: HRN EN 932-3:2022

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

HRN EN ISO 1:2016 en
Geometrijska specifikacija proizvoda (GSP) – Standardna referentna temperatura za specifikaciju geometrijskih i dimenzijskih svojstava (ISO 1:2016; EN ISO 1:2016)
Geometrical product specifications (GPS) – Standard reference temperature for the specification of geometrical and dimensional properties (ISO 1:2016; EN ISO 1:2016)
- zamijenjena s: HRN EN ISO 1:2022

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

HRN CR 1752:2004 en
Ventilacija u zgradama – Projektni kriteriji za unutrašnjost (CR 1752:1998)
Ventilation for buildings – Design criteria for the indoor environment (CR 1752:1998)
- bez zamjene

HRN CR 14378:2004 en
Ventilacija u zgradama – Probno utvrđivanje koeficijenta gubitka mehaničke energije dijelova ventilacijskih uređaja (CR 14378:2002)
Ventilation for buildings – Experimental determination of mechanical energy loss coefficients of air handling components (CR 14378:2002)
- bez zamjene

HRN CR 14378:2004/Ispr.1:2021 en
Ventilacija u zgradama – Probno utvrđivanje koeficijenta gubitka mehaničke energije dijelova ventilacijskih uređaja (CR 14378:2002/AC:2002)
Ventilation for buildings – Experimental determination of mechanical energy loss coefficients of air handling components (CR 14378:2002/AC:2002)
- bez zamjene

HRN EN 15232-1:2017 en
Energijska svojstva zgrada – 1. dio: Utjecaj automatizacije zgrada, upravljanja i upravljanja zgradama – Moduli M10-4, 5, 6, 7, 8, 9, 10 (EN 15232-1:2017)
Energy performance of buildings – Part 1: Impact of Building Automation, Controls and Building Management – Modules M10-4,5,6,7,8,9,10 (EN 15232-1:2017)
- zamijenjena s: HRN EN ISO 52120-1:2022

HRI CEN/TR 16947-2:2016 en
Sustav upravljanja zgradama – 2. dio: Prateći TR uz prEN 16947-1:2015 – Modul M10-12 (CEN/TR 16947-2:2016)
Building Management System – Part 2: Accompanying prEN 16947-1:2015 – Modules M10-12 (CEN/TR 16947-2:2016)
- bez zamjene

HRN EN 17038-2:2019/Ispr.1:2020 en
Pumpe – Metode kvalifikacije i verifikacije indeksa energijske učinkovitosti za rotacijske pumpe – 2. dio: Ispitivanje i proračun indeksa energijske učinkovitosti (EEI) pojedinačnih pumpi (EN 17038-2:2019/AC:2020)
Pumps – Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pump units – Part 2: Testing and calculation of Energy Efficiency Index (EEI) of single pump units (EN 17038-2:2019/AC:2020)
- bez zamjene

HZN/TO 544, Strojni elementi

HRN EN ISO 4042:2018 en
Spojni elementi – Sustavi elektrolitičke zaštite (ISO 4042:2018; EN ISO 4042:2018)
Fasteners – Electroplated coating systems (ISO 4042:2018; EN ISO 4042:2018)
- zamijenjena s: HRN EN ISO 4042:2022

HZN/TO 550, Opskrba vodom

HRN EN 899:2010 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Sumporna kiselina (EN 899:2009)
Chemicals used for treatment of water intended for human consumption – Sulphuric acid (EN 899:2009)
- zamijenjena s: HRN EN 899:2022

HRN EN 15031:2013 en
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Koagulanti na osnovi aluminijske (EN 15031:2013)
Chemicals used for treatment of swimming pool water – Aluminium based coagulants (EN 15031:2013)
- zamijenjena s: HRN EN 15031:2022

HRN EN 15796:2010 en
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Kalcijev hipoklorit (EN 15796:2010)
Chemicals used for treatment of swimming pool water – Calcium hypochlorite (EN 15796:2010)
- zamijenjena s: HRN EN 15796:2022

HRN EN 15797:2010 en
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Koagulanti na bazi željeza (EN 15797:2010)
Chemicals used for the treatment of swimming pool water – Iron based coagulants (EN 15797:2010)
- zamijenjena s: HRN EN 15797:2022

HRN EN 15798:2010 en
Proizvodi koji se upotrebljavaju u obradi vode bazena za plivanje – Filtarski materijal (EN 15798:2010)
Products used for the treatment of swimming pool water – Filter media (EN 15798:2010)
- zamijenjena s: HRN EN 15798:2022

HRN EN 15799:2010 en
Kemikalije koje se upotrebljavaju u obradi vode bazena za plivanje – Aktivni ugljen u prahu (EN 15799:2010)
Products used for treatment of swimming pool water – Powdered activated carbon (EN 15799:2010)
- zamijenjena s: HRN EN 15799:2022

HZN/TO 551, Gradnja

HRN DIN 18203-1:1997 de
Tolerancije u visokogradnji – 1. dio: Predgotovljeni elementi iz betona, armiranoga i prednapetog betona (DIN 18203-1:1997)
Tolerances in building construction – Part 1: Prefabricated components made of concrete, reinforced concrete and prestressed concrete (DIN 18203-1:1997)
- bez zamjene

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 14644-9:2012 en
Čisti prostori i odgovarajući kontrolirani okoliš – 9. dio: Razredba površinske čistoće (ISO 14644-9:2012; EN ISO 14644-9:2012)
Cleanrooms and associated controlled environments – Part 9: Classification of surface cleanliness by particle concentration (ISO 14644-9:2012; EN ISO 14644-9:2012)
- zamijenjena s: HRN EN ISO 14644-9:2022

HRN EN ISO 14644-10:2013 en
Čisti prostori i odgovarajući kontrolirani okoliš – 10. dio: Razredba površinske čistoće prema kemijskoj koncentraciji (ISO 14644-10:2013; EN ISO 14644-10:2013)
Cleanrooms and associated controlled environments – Part 10: Classification of surface cleanliness by chemical concentration (ISO 14644-10:2013; EN ISO 14644-10:2013)
- zamijenjena s: HRN EN ISO 14644-10:2022

HZN/TO 560, Tekstilni proizvodi

HRN ISO 2403:2019 en
Tekstil – Pamučna vlakna – Određivanje mikroner vrijednosti (ISO 2403:2014)
Textiles – Cotton fibres – Determination of micronaire value (ISO 2403:2014)
- zamijenjena s: HRN ISO 2403:2022

HRN ISO 5085-2:2003 en
Tekstil – Određivanje otpornosti na toplinu – 2. dio: Otpornost na visoke temperature (ISO 5085-2:1990)
Textiles – Determination of thermal resistance – Part 2: High thermal resistance (ISO 5085-2:1990)
- bez zamjene

HRN EN 12332-1:2003 en
Gumirani ili plastificirani plošni tekstil – Određivanje čvrstoće na probijanje – 1. dio: Metoda s čeličnom kuglom (EN 12332-1:1998)
Rubber- or plastic-coated fabrics – Determination of bursting strength – Part 1: Steel ball method (EN 12332-1:1998)
- zamijenjena s: HRN EN ISO 3303-1:2020

HRN EN 12332-2:2003 en
Gumirani ili plastificirani plošni tekstil – Određivanje čvrstoće na probijanje – 2. dio: Hidraulička metoda (EN 12332-2:2002)
Rubber- or plastic-coated fabrics – Determination of bursting strength – Part 2: Hydraulic method (EN 12332-2:2002)
- zamijenjena s: HRN EN ISO 3303-2:2020

HRN EN 12759:2003 en
Gumirani ili plastificirani plošni tekstil – Određivanje otpornosti na tekućine (EN 12759:2001)
Rubber- or plastic-coated fabrics – Determination of resistance to liquids (EN 12759:2001)
- zamijenjena s: HRN EN ISO 6450:2021

HRN EN 13402-1:2008 en
Označivanje veličina odjeće – 1. dio: Nazivi, definicije i postupak mjerenja tijela (ISO 3635:1981, MOD; EN 13402-1:2001)
Size designation of clothes – Part 1: Terms, definitions and body measurement procedure (ISO 3635:1981, MOD; EN 13402-1:2001)
- bez zamjene

HRN EN 13402-2:2008 en
Označivanje veličina odjeće – 2. dio: Primarne i sekundarne dimenzije (EN 13402-2:2002)
Size designation of clothes – Part 2: Primary and secondary dimensions (EN 13402-2:2002)
- bez zamjene

HRI CEN/TR 16298:2012 en
Tekstil i tekstilni proizvodi – Pametni tekstil – Definicije, podjela, primjena i potrebe normizacije (CEN/TR 16298:2011)
Textiles and textile products – Smart textiles – Definitions, categorisation, applications and standardization needs (CEN/TR 16298:2011)
- bez zamjene

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

HRN EN 1919:2002 en
Prenosive plinske boce – Boce za ukapljene plinove (osim acetilena i UNP) – Nadzor za vrijeme punjenja (EN 1919:2000)
Transportable gas cylinders – Cylinders for liquefied gases (excluding acetylene and LPG) – Inspection at time of filling (EN 1919:2000)
- bez zamjene

HRN EN 1920:2002 en
Prenosive plinske boce – Boce za komprimirane plinove (osim acetilena) – Nadzor za vrijeme punjenja (EN 1920:2000)
Transportable gas cylinders – Cylinders for compressed gases (excluding acetylene) – Inspection at time of filling (EN 1920:2000)
- bez zamjene

HRN EN 12252:2014 en
Oprema i pribor za UNP – Opremanje spremnika za UNP za cestovna vozila (EN 12252:2014)
LPG equipment and accessories – Equipping of LPG road tankers (EN 12252:2014)
- zamijenjena s: HRN EN 12252:2022

HRN EN 12979:2003 en
Sustavi pogona vozila ukapljenim naftnim plinom – Ugradbeni zahtjevi (EN 12979:2002)
Automotive LPG-systems – Installation requirements (EN 12979:2002)
- zamijenjena s: HRN EN 12979:2022

HRN EN ISO 13338:2020 en
Plinske boce – Plinovi i plinske mješavine – Određivanje korozivnog djelovanja na tkiva radi odabira priključaka ventila na bocu (ISO 13338:2017; EN ISO 13338:2020)
Gas cylinders – Gases and gas mixtures – Determination of tissue corrosiveness for the selection of cylinder valve outlets (ISO 13338:2017; EN ISO 13338:2020)
- zamijenjena s: HRN EN ISO 13338:2022

HRI CEN/TR 14473:2014 en
Prenosive plinske boce – Porozni materijali za boce za acetilen (CEN/TR 14473:2014)
Transportable gas cylinders – Porous materials for acetylene cylinders (CEN/TR 14473:2014)
- bez zamjene

HRN EN 14876:2008 en
Prenosive plinske boce – Periodični pregled i ispitivanje zavarenih čeličnih tlačnih spremnika (EN 14876:2007)
Transportable gas cylinders – Periodic inspection and testing of welded steel pressure drums (EN 14876:2007)
- zamijenjena s: HRN EN ISO 23088:2021

HRN EN 14912:2015 en
Oprema i pribor za UNP – Pregled i održavanje ventila boca za UNP tijekom periodičnog pregleda boca (EN 14912:2015)
LPG equipment and accessories – Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders (EN 14912:2015)
- zamijenjena s: HRN EN 14912:2022

HRS CEN/TS 16769:2015 en,fr,de
Oprema i pribor za UNP – Nazivlje (CEN/TS 16769:2015)
LPG equipment and accessories – Terminology (CEN/TS 16769:2015)
- bez zamjene

HZNTO E10, Fluidi za primjenu u elektrotehnici

HRN EN 60480:2005 en
Uputa za kontrolu i postupak obrade sumpornog heksafluorida (SF6) uzetoga iz električne opreme (IEC 60480:2004; EN 60480:2004)
Guide to the checking and treatment of sulphur hexafluoride (SF6) taken from electrical equipment (IEC 60480:2004; EN 60480:2004)
- zamijenjena s: HRN EN IEC 60480:2019

HZNTO E20, Električni kabeli

HRN IEC 60183:2001 en
Upute za odabir visokonaponskih kabela (IEC 60183:1984+A1:1990)
Guide to the selection of high-voltage cables (IEC 60183:1984+A1:1990)
- zamijenjena s: HRN IEC 60183:2022

HRN IEC 60287-1-1:2001 en
Električni kabeli – Proračun strujne opteretivosti – 1. dio: Jednadžbe za izračun struja (100 % faktor opterećenja) i proračun gubitaka – 1. odjeljak: Općenito (IEC 60287-1-1:1994+A1:1995)
Electric cables – Calculation of the current rating – Part 1: Current rating equations (100 % load factor) and calculation of losses – Section 1: General (IEC 60287-1-1:1994+A1:1995)
- zamijenjena s: HRN IEC 60287-1-1:2022

HRN IEC 60287-2-1:2001 en
Električni kabeli – Proračun strujne opteretivosti – 2. dio: Toplinski otpor – 1. odjeljak: Proračun toplinskog otpora (IEC 60287-2-1:1994)
Electric cables – Calculation of the current rating – Part 2: Thermal resistance – Section 1: Calculation of thermal resistance (IEC 60287-2-1:1994)
- zamijenjena s: HRN IEC 60287-2-1:2022

HRN IEC 60287-3-1:2001 en
Električni kabeli – Proračun strujne opteretivosti – 3. dio: Radni uvjeti – 1. odjeljak: Referentni radni uvjeti i odabir tipa kabela (IEC 60287-3-1:1995+A1:1999)
Electric cables – Calculation of the current rating – Part 3: Sections on operating conditions – Section 1: Reference operating conditions and selection of cable type (IEC 60287-3-1:1995+A1:1999)
- zamijenjena s: HRN IEC 60287-3-1:2022

HRN IEC 60287-3-2:2001 en
Električni kabeli – Proračun strujne opteretivosti – 3. dio: Radni uvjeti – 2. odjeljak: Ekonomska optimizacija energetskog kabela (IEC 60287-3-2:1995+A1:1996)
Electric cables – Calculation of the current rating – Part 3: Sections on operating conditions – Section 2: Economic optimization of power cable size (IEC 60287-3-2:1995+A1:1996)
- zamijenjena s: HRN IEC 60287-3-2:2022

HRN IEC 60331-2:2013 en
Ispitivanja električnih kabela pod djelovanjem vatre – Cjelovitost izolacije – 2. dio: Ispitna metoda za ispitivanje u vatri pod udarom na temperaturi od najmanje 830 °C za kabele naponskog nivoa do i uključujući 0,6/1 kV i koji ne prelaze vanjski promjer 20 mm (IEC 60331-2:2009)
Tests for electric cables under fire conditions – Circuit integrity – Part 2: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter not exceeding 20 mm (IEC 60331-2:2009)
- zamijenjena s: HRN IEC 60331-2:2022

HRN IEC 60331-3:2013 en
Ispitivanja električnih kabela pod djelovanjem vatre – Cjelovitost izolacije – 3. dio: Ispitna metoda za ispitivanje u vatri pod udarom na temperaturi od najmanje 830 °C za kabele naponskog nivoa do i uključujući 0,6/1 kV i koji se ispituju u metalnom kućištu (IEC 60331-3:2009)
Tests for electric cables under fire conditions – Circuit integrity – Part 3: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage up to and including 0,6/1,0 kV tested in a metal enclosure (IEC 60331-3:2009)
- zamijenjena s: HRN IEC 60331-3:2022

HRN IEC 60502-1:2009 en
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 1. dio: Kabeli za nazivne napone 1 kV (Um = 1,2 kV) i 3 kV (Um = 3,6 kV) (IEC 60502-1:2004)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 1: Cables for rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV) (IEC 60502-1:2004)
- zamijenjena s: HRN IEC 60502-1:2022

HRN IEC 60502-2:2009 en
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 2. dio: Kabeli za nazivne napone od 6 kV (Um = 7,2 kV) do 30 kV (Um = 36 kV) (IEC 60502-2:2005)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 2: Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60502-2:2005)
- zamijenjena s: HRN IEC 60502-2:2022

HRN IEC 60502-4:2009 en
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone od 1 kV (Um = 1,2 kV) do 30 kV (Um = 36 kV) – 4. dio: Ispitni zahtjevi za pribor kabela nazivnih napona od 6 kV (Um = 7,2 kV) do 30 kV (Um = 36 kV) (IEC 60502-4:2005)
Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 4: Test requirements on accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60502-4:2005)
- zamijenjena s: HRN IEC 60502-4:2022

HRN IEC 60724:2001 en
Upute za temperaturne granice kod kratkog spoja kabela nazivnog napona do 0,6/1,0 kV (IEC 60724:1984+A1:1993)
Guide to the short-circuit temperature limits of electric cables with a rated voltage not exceeding 0,6/1,0 kV (IEC 60724:1984+A1:1993)
- zamijenjena s: HRN IEC 60724:2022

HRN IEC 60800:2001 en
Grijači kabeli nazivnog napona 300/500 V za grijanje i sprečavanje stvaranja leda (IEC 60800:1992)
Heating cables with a rated voltage of 300/500 V for comfort heating and prevention of ice formation (IEC 60800:1992)
- zamijenjena s: HRN IEC 60800:2022

HRN IEC 60840:2014 en
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone iznad 30 kV (Um = 36 kV) do 150 kV (Um = 170 kV) – Ispitne metode i zahtjevi (IEC 60840:2011)
Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV) – Test methods and requirements (IEC 60840:2011)
- zamijenjena s: HRN IEC 60840:2022

HRN IEC 60986:2001 en
Upute za granične vrijednosti temperatura kratkog spoja kabela nazivnog napona od 1,8/3 (3,6) kV do 18/30 (36) kV (IEC 60986:1989+A1:1993)
Guide to the short-circuit temperature limits of electric cables with a rated voltage from 1,8/3 (3,6) kV to 18/30 (36) kV (IEC 60986:1989+A1:1993)
- zamijenjena s: HRN IEC 60986:2022

HRN IEC 62067:2014 en
Energetski kabeli s ekstrudiranom izolacijom i njihov pribor za nazivne napone iznad 150 kV (Um = 170 kV) do 500 kV (Um = 550 kV) – Ispitne metode i zahtjevi (IEC 62067:2011)
Power cables with extruded insulation and their accessories for rated voltages above 150 kV (Um = 170 kV) up to 500 kV (Um = 550 kV) – Test methods and requirements (IEC 62067:2011)
- zamijenjena s: HRN IEC 62067:2022

HZN/TO E36, Izolatori

HRN EN 61952:2014 en
Izolatori za nadzemne vodove – Kompozitni vodni potporni izolatori za izmjenične sustave nazivnog napona većeg od 1 000 V – Definicije, metode ispitivanja i kriteriji za prihvaćanje (IEC 61952:2008; EN 61952:2008)
Insulators for overhead lines – Composite line post insulators for A.C. systems with a nominal voltage greater than 1 000 V – Definitions, test methods and acceptance criteria (IEC 61952:2008; EN 61952:2008)
- bez zamjene

HZN/TO E38, Mjerni transformatori

HRN EN 60044-8:2006 en
Mjerni transformatori – 8. dio: Elektronički strujni transformatori (IEC 60044-8:2002; EN 60044-8:2002)
Instrument transformers – Part 8: Electronic current transformers (IEC 60044-8:2002; EN 60044-8:2002)
- zamijenjena s: HRN EN 61869-6:2017,
HRN EN IEC 61869-9:2019

HZN/TO E45, Nuklearna instrumentacija

HRN EN 60709:2011 en
Nuklearne elektrane – Sustavi instrumentacije i upravljanja važni za sigurnost – Fizičko i električno odvajanje (IEC 60709:2004; EN 60709:2010)
Nuclear power plants – Instrumentation and control systems important to safety – Separation (IEC 60709:2004; EN 60709:2010)
- zamijenjena s: HRN EN IEC 60709:2019

HRN EN 60964:2011 en
Nuklearne elektrane – Upravljačke sobe – Projektiranje (IEC 60964:2009; EN 60964:2010)
Nuclear power plants – Control rooms – Design (IEC 60964:2009; EN 60964:2010)
- zamijenjena s: HRN EN IEC 60964:2019

HRN EN 61500:2013 en
Nuklearne elektrane – Instrumentacija i sustavi upravljanja koji su važni za sigurnost – Komunikacija podacima u sustavima koji provode A funkcije (IEC 61500:2009; EN 61500:2011)
Nuclear power plants – Instrumentation and control important to safety – Data communication in systems performing category A functions (IEC 61500:2009; EN 61500:2011)
- zamijenjena s: HRN EN IEC 61500:2019

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60601-2-16:2015 en
Medicinska električna oprema – Dio 2-16: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za hemodijalizu, hemodijafiltriranje i hemofiltriranje (IEC 60601-2-16:2012; EN 60601-2-16:2015)
Medical electrical equipment – Part 2-16: Particular requirements for the basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment (IEC 60601-2-16:2012; EN 60601-2-16:2015)
- zamijenjena s: HRN EN IEC 60601-2-16:2019

HRN EN 60601-2-39:2008 en
Medicinski električni uređaji – Dio 2-39: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za peritonealnu hemodijalizu (IEC 60601-2-39:2007; EN 60601-2-39:2008)
Medical electrical equipment – Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (IEC 60601-2-39:2007; EN 60601-2-39:2008)
- zamijenjena s: HRN EN IEC 60601-2-39:2019

HRN EN 60601-2-39:2008/A11:2012 en
Medicinski električni uređaji – Dio 2-39: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke uređaja za peritonealnu dijalizu (EN 60601-2-39:2008/A11:2011)
Medical electrical equipment – Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (EN 60601-2-39:2008/A11:2011)
- zamijenjena s: HRN EN IEC 60601-2-39:2019

HRN EN 60601-2-40:2000 en
Medicinski električni uređaji – Dio 2-40: Posebni zahtjevi za sigurnost elektromiografa i uređaja za evocirane potencijale (IEC 60601-2-40:1998; EN 60601-2-40:1998)
Medical electrical equipment – Part 2-40: Particular requirements for the safety of electromyographs and evoked response equipment (IEC 60601-2-40:1998; EN 60601-2-40:1998)
- zamijenjena s: HRN EN 60601-2-40:2019

HRN EN 62464-1:2008 en
Uređaji za dobivanje medicinskih slika pomoću magnetske rezonancije – 1. dio: Određivanje osnovnih parametara kakvoće slike (IEC 62464-1:2007; EN 62464-1:2007)
Magnetic resonance equipment for medical imaging – Part 1: Determination of essential image quality parameters (IEC 62464-1:2007; EN 62464-1:2007)
- zamijenjena s: HRN EN IEC 62464-1:2019

HRN EN 80601-2-30:2011 en
Medicinski električni uređaji – Dio 2-30: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke automatiziranih neinvazivnih sfigno-manometara (IEC 80601-2-30:2009+Corr.1:2010; EN 80601-2-30:2010)
Medical electrical equipment – Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers (IEC 80601-2-30:2009+Corr.1:2010; EN 80601-2-30:2010)
- zamijenjena s: HRN EN IEC 80601-2-30:2019

HRN EN 80601-2-30:2011/A1:2015 en
Medicinski električni uređaji – Dio 2-30: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke automatiziranih neinvazivnih sfigno-manometara (IEC 80601-2-30:2009/am1:2013; EN 80601-2-30:2010/A1:2015)
Medical electrical equipment – Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers (IEC 80601-2-30:2009/am1:2013; EN 80601-2-30:2010/A1:2015)
- zamijenjena s: HRN EN IEC 80601-2-30:2019

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

HRN EN 60534-3-1:2008 en
Regulacijski ventili za industrijske procese – Dio 3-1: Dimenzije sučelja dvopoložajnih, kuglastih, ravnih regulacijskih (upravljačkih) ventila s prirubnicom i dimenzije od središta prema površini dvopoložajnih, kuglastih kutnih regulacijskih (upravljačkih) ventila s prirubnicom (IEC 60534-3-1:2000; EN 60534-3-1:2000+AC:2000)
Industrial-process control valves – Part 3-1: Dimensions – Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves (IEC 60534-3-1:2000; EN 60534-3-1:2000+AC:2000)
- zamijenjena s: HRN EN IEC 60534-3-1:2019

- HRN EN 61158-1:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – 1. dio: Pregled i smjernice za niz norma IEC 61158 i 61784 (IEC 61158-1:2014; EN 61158-1:2014)
Industrial communication networks – Fieldbus specifications – Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series (IEC 61158-1:2014; EN 61158-1:2014)
- zamijenjena s: HRN EN IEC 61158-1:2019
- HRN EN 61158-3-12:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-12: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 12 (IEC 61158-3-12:2014; EN 61158-3-12:2014)
Industrial communication networks – Fieldbus specifications – Part 3-12: Data-link layer service definition – Type 12 elements (IEC 61158-3-12:2014; EN 61158-3-12:2014)
- zamijenjena s: HRN EN IEC 61158-3-12:2019
- HRN EN 61158-3-19:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-19: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 19 (IEC 61158-3-19:2014; EN 61158-3-19:2014)
Industrial communication networks – Fieldbus specifications – Part 3-19: Data-link layer service definition – Type 19 elements (IEC 61158-3-19:2014; EN 61158-3-19:2014)
- zamijenjena s: HRN EN IEC 61158-3-19:2019
- HRN EN 61158-3-21:2013 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-21: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 21 (IEC 61158-3-21:2010; EN 61158-3-21:2012)
Industrial communication networks – Fieldbus specifications – Part 3-21: Data-link layer service definition – Type 21 elements (IEC 61158-3-21:2010; EN 61158-3-21:2012)
- zamijenjena s: HRN EN IEC 61158-3-21:2019
- HRN EN 61158-3-4:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-4: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 4 (IEC 61158-3-4:2014; EN 61158-3-4:2014)
Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements (IEC 61158-3-4:2014; EN 61158-3-4:2014)
- zamijenjena s: HRN EN IEC 61158-3-4:2019
- HRN EN 61158-4-12:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-12: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 12 (IEC 61158-4-12:2014; EN 61158-4-12:2014)
Industrial communication networks – Fieldbus specifications – Part 4-12: Data-link layer protocol specification – Type 12 elements (IEC 61158-4-12:2014; EN 61158-4-12:2014)
- zamijenjena s: HRN EN IEC 61158-4-12:2019
- HRN EN 61158-4-19:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-19: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 19 (IEC 61158-4-19:2014; EN 61158-4-19:2014)
Industrial communication networks – Fieldbus specifications – Part 4-19: Data-link layer protocol specification – Type 19 elements (IEC 61158-4-19:2014; EN 61158-4-19:2014)
- zamijenjena s: HRN EN IEC 61158-4-19:2019
- HRN EN 61158-4-21:2013 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-21: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 21 (IEC 61158-4-21:2010; EN 61158-4-21:2012)
Industrial communication networks – Fieldbus specifications – Part 4-21: Data-link layer protocol specification – Type 21 elements (IEC 61158-4-21:2010; EN 61158-4-21:2012)
- zamijenjena s: HRN EN IEC 61158-4-21:2019
- HRN EN 61158-4-2:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-2: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 2 (IEC 61158-4-2:2014; EN 61158-4-2:2014)
Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements (IEC 61158-4-2:2014; EN 61158-4-2:2014)
- zamijenjena s: HRN EN IEC 61158-4-2:2019
- HRN EN 61158-4-24:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-24: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 24 (IEC 61158-4-24:2014; EN 61158-4-24:2014)
Industrial communication networks – Fieldbus specifications – Part 4-24: Data-link layer protocol specification – Type 24 elements (IEC 61158-4-24:2014; EN 61158-4-24:2014)
- zamijenjena s: HRN EN IEC 61158-4-24:2019
- HRN EN 61158-4-3:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-3: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 3 (IEC 61158-4-3:2014; EN 61158-4-3:2014)
Industrial communication networks – Fieldbus specifications – Part 4-3: Data-link layer protocol specification – Type 3 elements (IEC 61158-4-3:2014; EN 61158-4-3:2014)
- zamijenjena s: HRN EN IEC 61158-4-3:2019
- HRN EN 61158-4-4:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-4: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 4 (IEC 61158-4-4:2014; EN 61158-4-4:2014)
Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2014; EN 61158-4-4:2014)
- zamijenjena s: HRN EN IEC 61158-4-4:2019
- HRN EN 61158-5-10:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-10: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 10 (IEC 61158-5-10:2014; EN 61158-5-10:2014)
Industrial communication networks – Fieldbus specifications – Part 5-10: Application layer service definition – Type 10 elements (IEC 61158-5-10:2014; EN 61158-5-10:2014)
- zamijenjena s: HRN EN IEC 61158-5-10:2019
- HRN EN 61158-5-12:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-12: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 12 (IEC 61158-5-12:2014; EN 61158-5-12:2014)
Industrial communication networks – Fieldbus specifications – Part 5-12: Application layer service definition – Type 12 elements (IEC 61158-5-12:2014; EN 61158-5-12:2014)
- zamijenjena s: HRN EN IEC 61158-5-12:2019
- HRN EN 61158-5-19:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-19: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 19 (IEC 61158-5-19:2014; EN 61158-5-19:2014)
Industrial communication networks – Fieldbus specifications – Part 5-19: Application layer service definition – Type 19 elements (IEC 61158-5-19:2014; EN 61158-5-19:2014)
- zamijenjena s: HRN EN IEC 61158-5-19:2019
- HRN EN 61158-5-21:2013 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-21: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 21 (IEC 61158-5-21:2010; EN 61158-5-21:2012)
Industrial communication networks – Fieldbus specifications – Part 5-21: Application layer service definition – Type 21 elements (IEC 61158-5-21:2010; EN 61158-5-21:2012)
- zamijenjena s: HRN EN IEC 61158-5-21:2019
- HRN EN 61158-5-2:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-2: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 2 (IEC 61158-5-2:2014; EN 61158-5-2:2014)
Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements (IEC 61158-5-2:2014; EN 61158-5-2:2014)
- zamijenjena s: HRN EN IEC 61158-5-2:2019
- HRN EN 61158-5-23:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-23: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 23 (IEC 61158-5-23:2014; EN 61158-5-23:2014)
Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23 elements (IEC 61158-5-23:2014; EN 61158-5-23:2014)
- zamijenjena s: HRN EN IEC 61158-5-23:2019

HRN EN 61158-5-4:2015 en
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-4: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 4 (IEC 61158-5-4:2014; EN 61158-5-4:2014)
Industrial communication networks – Fieldbus specifications – Part 5-4: Application layer service definition – Type 4 elements (IEC 61158-5-4:2014; EN 61158-5-4:2014)
- zamijenjena s: HRN EN IEC 61158-5-4:2019

HRN EN 61784-1:2015 en
Industrijske komunikacijske mreže – Profili – 1. dio: Profili industrijske sabirnice (fieldbus) (IEC 61784-1:2014; EN 61784-1:2014)
Industrial communication networks – Profiles – Part 1: Fieldbus profiles (IEC 61784-1:2014; EN 61784-1:2014)
- zamijenjena s: HRN EN IEC 61784-1:2019

HRN EN 61784-2:2015 en
Industrijske komunikacijske mreže – Profili – 2. dio: Dodatni profili industrijske sabirnice (fieldbus) za mreže u realnom vremenu temeljene na ISO/IEC 8802-3 (IEC 61784-2:2014; EN 61784-2:2014)
Industrial communication networks – Profiles – Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3 (IEC 61784-2:2014; EN 61784-2:2014)
- zamijenjena s: HRN EN IEC 61784-2:2019

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

HRN EN 60730-2-12:2007 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-12: Posebni zahtjevi za električne brave na vratima (IEC 60730-2-12:2005, MOD; EN 60730-2-12:2006)
Automatic electrical controls for household and similar use – Part 2-12: Particular requirements for electrically operated door locks (IEC 60730-2-12:2005, MOD; EN 60730-2-12:2006)
- zamijenjena s: HRN EN IEC 60730-2-12:2019

HRN EN 60730-2-12:2007/A11:2008 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-12: Posebni zahtjevi za električne brave na vratima (EN 60730-2-12:2006/A11:2008)
Automatic electrical controls for household and similar use – Part 2-12: Particular requirements for electrically operated door locks (EN 60730-2-12:2006/A11:2008)
- zamijenjena s: HRN EN IEC 60730-2-12:2019

HRN EN 60730-2-14:2000 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-14: Posebni zahtjevi za električne izvršne članove (aktuatori) (IEC 60730-2-14:1995, MOD; EN 60730-2-14:1997)
Automatic electrical controls for household and similar use – Part 2-14: Particular requirements for electric actuators (IEC 60730-2-14:1995, MOD; EN 60730-2-14:1997)
- zamijenjena s: HRN EN IEC 60730-2-14:2019

HRN EN 60730-2-14:2000/A11:2007 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-14: Posebni zahtjevi za električne izvršne članove (aktuatori) (EN 60730-2-14:1997/A11:2005)
Automatic electrical controls for household and similar use – Part 2-14: Particular requirements for electric actuators (EN 60730-2-14:1997/A11:2005)
- zamijenjena s: HRN EN IEC 60730-2-14:2019

HRN EN 60730-2-14:2000/A1:2004 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-14: Posebni zahtjevi za električne izvršne članove (aktuatori) (IEC 60730-2-14:1995/A1:2001; EN 60730-2-14:1997/A1:2001)
Automatic electrical controls for household and similar use – Part 2-14: Particular requirements for electric actuators (IEC 60730-2-14:1995/A1:2001; EN 60730-2-14:1997/A1:2001)
- zamijenjena s: HRN EN IEC 60730-2-14:2019

HRN EN 60730-2-14:2000/A2:2008 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-14: Posebni zahtjevi za električne izvršne članove (aktuatori) (IEC 60730-2-14:1995/am2:2007, MOD; EN 60730-2-14:1997/A2:2008)
Automatic electrical controls for household and similar use – Part 2-14: Particular requirements for electric actuators (IEC 60730-2-14:1995/am2:2007, MOD; EN 60730-2-14:1997/A2:2008)
- zamijenjena s: HRN EN IEC 60730-2-14:2019

HRN EN 60730-2-15:2010 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-15: Posebni zahtjevi za automatske električne regulatore protoka zraka, protoka vode i razine vode (IEC 60730-2-15:2008, MOD; EN 60730-2-15:2010)
Automatic electrical controls for household and similar use – Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls (IEC 60730-2-15:2008, MOD; EN 60730-2-15:2010)
- zamijenjena s: HRN EN IEC 60730-2-15:2019

HRN EN 60730-2-9:2011 en
Električne naprave za automatsko upravljanje u kućanstvu i sličnu uporabu – Dio 2-9: Posebni zahtjevi za električne regulatore temperature (IEC 60730-2-9:2008, MOD; EN 60730-2-9:2010)
Automatic electrical controls for household and similar use – Part 2-9: Particular requirements for temperature sensing controls (IEC 60730-2-9:2008, MOD; EN 60730-2-9:2010)
- zamijenjena s: HRN EN 60730-2-9:2019

HZN/TO E79, Alarmni sustavi

HRN EN 50131-4:2010 en
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 4. dio: Uređaji za upozorenje (EN 50131-4:2009)
Alarm systems – Intrusion and hold-up systems – Part 4: Warning devices (EN 50131-4:2009)
- zamijenjena s: HRN EN 50131-4:2019

HRN EN 50131-8:2010 en
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 8. dio: Uređaji i sustavi za zaštitnu maglu (EN 50131-8:2009)
Alarm systems – Intrusion and hold-up systems – Part 8: Security fog device/systems (EN 50131-8:2009)
- zamijenjena s: HRN EN 50131-8:2019

HRN EN 50518-1:2014 en
Centar za nadzor i prijam alarma – 1. dio: Zahtjevi za smještaj i izgradnju (EN 50518-1:2013)
Monitoring and alarm receiving centre – Part 1: Location and construction requirements (EN 50518-1:2013)
- zamijenjena s: HRN EN 50518:2019

HRN EN 50518-2:2014 en
Centar za nadzor i prijam alarma – 2. dio: Tehnički zahtjevi (EN 50518-2:2013)
Monitoring and alarm receiving centre – Part 2: Technical requirements (EN 50518-2:2013)
- zamijenjena s: HRN EN 50518:2019

HRN EN 50518-3:2014 en
Centar za nadzor i prijam alarma – 3. dio: Postupci i zahtjevi za rad (EN 50518-3:2013)
Monitoring and alarm receiving centre – Part 3: Procedures and requirements for operation (EN 50518-3:2013)
- zamijenjena s: HRN EN 50518:2019

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRN EN 50600-1:2013 en
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – 1. dio: Opći koncepti (EN 50600-1:2012)
Information technology – Data centre facilities and infrastructures – Part 1: General concepts (EN 50600-1:2012)
- zamijenjena s: HRN EN 50600-1:2019

HRN EN 50600-2-2:2014 en
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 2-2: Opskrba električnom energijom (EN 50600-2-2:2014)
Information technology – Data centre facilities and infrastructures – Part 2-2: Power distribution (EN 50600-2-2:2014)
- zamijenjena s: HRN EN 50600-2-2:2019

HRN EN 50600-2-3:2015 en
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 2-3: Kontrola okoline (EN 50600-2-3:2014)
Information technology – Data centre facilities and infrastructures – Part 2-3: Environmental control (EN 50600-2-3:2014)
- zamijenjena s: HRN EN 50600-2-3:2019

HZN/TO Z1, Informacijska tehnologija

HRN ISO/IEC 24760-1:2021 en
Sigurnost IT-a i privatnost – Okvir za upravljanje identitetom – 1. dio: Terminologija i koncepcija (ISO/IEC 24760-1:2019)
IT Security and Privacy – A framework for identity management – Part 1: Terminology and concepts (ISO/IEC 24760-1:2019)
- zamijenjena s: HRN EN ISO/IEC 24760-1:2022

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

- HRN EN ISO 3231:1999 en
Boje i lakovi – Određivanje otpornosti na vlažnu atmosferu koja sadrži sumporov dioksid (ISO 3231:1993; EN ISO 3231:1997)
Paints and varnishes – Determination of resistance to humid atmospheres containing sulfur dioxide (ISO 3231:1993; EN ISO 3231:1997)
- zamijenjena s: HRN EN ISO 22479:2022
- HRN EN 14111:2005 en
Derivati masti i ulja – Metilni esteri masnih kiselina – Određivanje jednog broja (EN 14111:2003)
Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of iodine value (EN 14111:2003)
- zamijenjena s: HRN EN 14111:2022
- HRN EN ISO 19403-1:2020 en
Boje i lakovi – Kvašenje – 1. dio: Nazivlje i opća načela (ISO 19403-1:2017; EN ISO 19403-1:2020)
Paints and varnishes – Wettability – Part 1: Terminology and general principles (ISO 19403-1:2017; EN ISO 19403-1:2020)
- zamijenjena s: HRN EN ISO 19403-1:2022

HZN/TU I2, Strojstvo 2

- HRN EN 15163:2017 en
Strojevi i uređaji za iskorištavanje i obradu prirodnog kamena – Sigurnosni zahtjevi za pile (EN 15163:2017)
Machines and installations for the exploitation and processing of natural stone – Safety – Requirements for diamond wire saws (EN 15163:2017)
- zamijenjena s: HRN EN 15163-1:2022, HRN EN 15163-2:2022

HZN/TU N1, Nemetalni materijali 1

- HRN EN 725-10:2008 en
Tehnička keramika – Metode ispitivanja keramičkoga praha – 10. dio: Određivanje svojstava zbijenosti (EN 725-10:2007)
Advanced technical ceramics – Methods of test for ceramic powders – Part 10: Determination of compaction properties (EN 725-10:2007)
- zamijenjena s: HRN EN ISO 17172:2021
- HRN EN 843-4:2008 en
Tehnička keramika – Mehanička svojstva monolitne keramike na sobnoj temperaturi – 4. dio: Vickersova, Knoopova i Rockwelleva površinska tvrdoća (EN 843-4:2005)
Advanced technical ceramics – Mechanical properties of monolithic ceramics at room temperature – Part 4: Vickers, Knoop and Rockwell superficial hardness (EN 843-4:2005)
- bez zamjene
- HRN EN 14186:2008 en
Tehnička keramika – Mehanička svojstva keramičkih smjesa na sobnoj temperaturi – Određivanje elastičnih svojstava ultrazvučnom tehnikom (EN 14186:2007)
Advanced technical ceramics – Mechanical properties of ceramic composites at room temperature – Determination of elastic properties by an ultrasonic technique (EN 14186:2007)
- bez zamjene
- HRS CEN/TS 16214-2:2014 en
Kriteriji održivosti za proizvodnju biogoriva i biotekućina za dobivanje energije – Načela, kriteriji, indikatori i sredstva za provjeru – 2. dio: Ocjena sukladnosti koja uključuje lanac nadzora i bilancu (CEN/TS 16214-2:2014)
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 2: Conformity assessment including chain of custody and mass balance (CEN/TS 16214-2:2014)
- bez zamjene

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

- HRN EN ISO 9999:2016 en
Pomagala za osobe s invaliditetom – Klasifikacija i nazivlje (ISO 9999:2016; EN ISO 9999:2016)
Assistive products for persons with disability – Classification and terminology (ISO 9999:2016; EN ISO 9999:2016)
- zamijenjena s: HRN EN ISO 9999:2022

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

- HRN EN 2435-001:2008 en
Nizovi o zrakoplovstvu – Boje i lakovi – Kromatna dvokomponentna osnovna prevlaka otporna na koroziju koja otvrdnjava pri niskim temperaturama – 001. dio: Minimalni zahtjevi (EN 2435-001:2006)
Aerospace series – Paints and varnishes – Corrosion resistant chromated two component cold curing primer – Part 001: Minimum requirements (EN 2435-001:2006)
- bez zamjene
- HRN EN 2435-002:2008 en
Nizovi o zrakoplovstvu – Boje i lakovi – Kromatna dvokomponentna osnovna prevlaka otporna na koroziju koja otvrdnjava pri niskim temperaturama – 002. dio: Visoka otpornost na koroziju (EN 2435-002:2006)
Aerospace series – Paints and varnishes – Corrosion resistant chromated two component cold curing primer – Part 002: High corrosion resistance (EN 2435-002:2006)
- bez zamjene
- HRN EN 2435-003:2008 en
Nizovi o zrakoplovstvu – Boje i lakovi – Kromatna dvokomponentna osnovna prevlaka otporna na koroziju koja otvrdnjava pri niskim temperaturama – 003. dio: Visoka otpornost na koroziju i fluide (EN 2435-003:2006)
Aerospace series – Paints and varnishes – Corrosion resistant chromated two component cold curing primer – Part 003: High corrosion and fluid resistance (EN 2435-003:2006)
- bez zamjene
- HRN EN 2435-004:2008 en
Nizovi o zrakoplovstvu – Boje i lakovi – Kromatna dvokomponentna osnovna prevlaka otporna na koroziju koja otvrdnjava pri niskim temperaturama – 004. dio: Visoka otpornost na koroziju i fluide s tolerancijom u odnosu na pripremu površine (EN 2435-004:2006)
Aerospace series – Paints and varnishes – Corrosion resistant chromated two component cold curing primer – Part 004: High corrosion and fluid resistance with surface preparation tolerance (EN 2435-004:2006)
- bez zamjene
- HRN EN 2435-005:2008 en
Nizovi o zrakoplovstvu – Boje i lakovi – Kromatna dvokomponentna osnovna prevlaka otporna na koroziju koja otvrdnjava pri niskim temperaturama – 005. dio: Visoka otpornost na koroziju za vojnu primjenu (EN 2435-005:2006)
Aerospace series – Paints and varnishes – Corrosion resistant chromated two component cold curing primer – Part 005: High corrosion resistance for military application (EN 2435-005:2006)
- bez zamjene
- HRN EN 3272:2008 en
Nizovi o zrakoplovstvu – Priključak cijevi 8°30' – Krajevi zabrtvljeni dinamičkim mlazom za čahure, zavareni – Geometrijska konfiguracija (EN 3272:2001)
Aerospace series – Pipe coupling 8°30' – Dynamic beam seal end for ferrule, welded – Geometric configuration (EN 3272:2001)
- bez zamjene
- HRN EN 3273:2008 en
Nizovi o zrakoplovstvu – Priključak cijevi 8°30' – Krajevi zabrtvljeni dinamičkim mlazom za koljena, T-račve i križanja – Geometrijska konfiguracija (EN 3273:2001)
Aerospace series – Pipe coupling 8°30' – Dynamic beam seal end for elbows, tees and crosses – Geometric configuration (EN 3273:2001)
- bez zamjene
- HRN EN 3274:2011 en
Nizovi o zrakoplovstvu – Priključak cijevi 8°30' – Završetak navoja – Geometrijska konfiguracija (EN 3274:2010)
Aerospace series – Pipe coupling 8°30' – Thread end – Geometric configuration (EN 3274:2010)
- bez zamjene
- HRN EN 3373-001:2008 en
Nizovi o zrakoplovstvu – Zadnje stopice i redni nastavci za krimpanje na električnim vodičima – 001. dio: Tehnička specifikacija (EN 3373-001:2007)
Aerospace series – Terminal lugs and in-line splices for crimping on electric conductors – Part 001: Technical specification (EN 3373-001:2007)
- zamijenjena s: HRN EN 3373-001:2022

HRN EN 3748:2008 en
Nizovi o zrakoplovstvu – O-prsteni utori – Dimenzije (EN 3748:2001)
Aerospace series – O-ring grooves – Dimensions (EN 3748:2001)
- bez zamjene

HRN EN 4195:2012 en
Nizovi o zrakoplovstvu – Boje i lakovi – Metode ispitivanja za određivanje ispuštanja kromata (EN 4195:2011)
Aerospace series – Paints and varnishes – Test method for determination of chromate leaching (EN 4195:2011)
- bez zamjene

HZNTU U1, Opća elektrotehnika 1

HRN EN 50436-2:2009 en
Blokada u slučaju alkoholiziranosti – Metode ispitivanja i izvedbeni zahtjevi – 2. dio: Instrumenti s usnikom za mjerenje alkoholiziranosti namijenjeni za opću preventivnu uporabu (EN 50436-2:2007+AC:2009)
Alcohol interlocks – Test methods and performance requirements – Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use (EN 50436-2:2007+AC:2009)
- zamijenjena s: HRN EN 50436-2:2014

HRI CLC/TR 50436-3:2013 en
Blokada u slučaju alkoholiziranosti – Metode ispitivanja i izvedbeni zahtjevi – 3. dio: Upute za donositelje odluka, kupce i korisnike (CLC/TR 50436-3:2010)
Alcohol interlocks – Test methods and performance requirements – Part 3: Guidance for decision makers, purchasers and users (CLC/TR 50436-3:2010)
- zamijenjena s: HRN EN 50436-3:2017

HRN EN 60027-2:2008 en
Slovni simboli za uporabu u elektrotehnici – 2. dio: Telekomunikacije i elektronika (IEC 60027-2:2005; EN 60027-2:2007)
Letter symbols to be used in electrical technology – Part 2: Telecommunication and electronics (IEC 60027-2:2005; EN 60027-2:2007)
- zamijenjena s: HRN EN IEC 60027-2:2019,
HRN EN 80000-13:2008

HRN EN 62474:2013 en
Deklaracija materijala za proizvode i elektrotehničku industriju (IEC 62474:2012; EN 62474:2012)
Material declaration for products of and for the electrotechnical industry (IEC 62474:2012; EN 62474:2012)
- zamijenjena s: HRN EN IEC 62474:2019

HZNTU V1, Elektronika 1

HRN EN 50117-1:2008 en
Koaksijalni kabele – 1. dio: Opća (generička) specifikacija (EN 50117-1:2002+A1:2006)
Coaxial cables – Part 1: Generic specification (EN 50117-1:2002+A1:2006)
- zamijenjena s: HRN EN 50117-1:2019

HRN EN 50117-1:2008/A2:2014 en
Koaksijalni kabele – 1. dio: Opća (generička) specifikacija (EN 50117-1:2002/A2:2013)
Coaxial cables – Part 1: Generic specification (EN 50117-1:2002/A2:2013)
- zamijenjena s: HRN EN 50117-1:2019

HRN EN 50117-2-1:2008 en
Koaksijalni kabele – Dio 2-1: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabele u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 1000 MHz (EN 50117-2-1:2005+A1:2008)
Coaxial cables – Part 2-1: Sectional specification for cables used in cabled distribution networks – Indoor drop cables for systems operating at 5 MHz – 1000 MHz (EN 50117-2-1:2005+A1:2008)
- zamijenjena s: HRN EN 50117-9-1:2019

HRN EN 50117-2-1:2008/A2:2014 en
Koaksijalni kabele – Dio 2-1: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabele u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 1000 MHz (EN 50117-2-1:2005/A2:2013)
Coaxial cables – Part 2-1: Sectional specification for cables used in cabled distribution networks – Indoor drop cables for systems operating at 5 MHz – 1000 MHz (EN 50117-2-1:2005/A2:2013)
- zamijenjena s: HRN EN 50117-9-1:2019

HRN EN 50117-2-2:2008 en
Koaksijalni kabele – Dio 2-2: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabele na otvorenom (prostoru) za sustave koji rade na 5 MHz – 1000 MHz (EN 50117-2-2:2004+A1:2008)
Coaxial cables – Part 2-2: Sectional specification for cables used in cabled distribution networks – Outdoor drop cables for systems operating at 5 MHz – 1000 MHz (EN 50117-2-2:2004+A1:2008)
- zamijenjena s: HRN EN 50117-10-1:2019

HRN EN 50117-2-2:2008/A2:2014 en
Koaksijalni kabele – Dio 2-2: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabele na otvorenom (prostoru) za sustave koji rade na 5 MHz – 1000 MHz (EN 50117-2-2:2004/A2:2013)
Coaxial cables – Part 2-2: Sectional specification for cables used in cabled distribution networks – Outdoor drop cables for systems operating at 5 MHz – 1000 MHz (EN 50117-2-2:2004/A2:2013)
- zamijenjena s: HRN EN 50117-10-1:2019

HRN EN 50117-2-3:2008 en
Koaksijalni kabele – Dio 2-3: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Razdjelni i glavni međumjesni kabele za sustave koji rade na 5 MHz – 1000 MHz (EN 50117-2-3:2004+A1:2008)
Coaxial cables – Part 2-3: Sectional specification for cables used in cabled distribution networks – Distribution and trunk cables for systems operating at 5 MHz – 1000 MHz (EN 50117-2-3:2004+A1:2008)
- zamijenjena s: HRN EN 50117-11-1:2019

HRN EN 50117-2-3:2008/A2:2014 en
Koaksijalni kabele – Dio 2-3: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Razdjelni i glavni međumjesni kabele za sustave koji rade na 5 MHz – 1000 MHz (EN 50117-2-3:2004/A2:2013)
Coaxial cables – Part 2-3: Sectional specification for cables used in cabled distribution networks – Distribution and trunk cables for systems operating at 5 MHz – 1000 MHz (EN 50117-2-3:2004/A2:2013)
- zamijenjena s: HRN EN 50117-11-1:2019

HRN EN 50117-2-4:2008 en
Koaksijalni kabele – Dio 2-4: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabele u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz (EN 50117-2-4:2004+A1:2008)
Coaxial cables – Part 2-4: Sectional specification for cables used in cabled distribution networks – Indoor drop cables for systems operating at 5 MHz – 3000 MHz (EN 50117-2-4:2004+A1:2008)
- zamijenjena s: HRN EN 50117-9-2:2019

HRN EN 50117-2-4:2008/A2:2014 en
Koaksijalni kabele – Dio 2-4: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabele u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz (EN 50117-2-4:2004/A2:2013)
Coaxial cables – Part 2-4: Sectional specification for cables used in cabled distribution networks – Indoor drop cables for systems operating at 5 MHz – 3000 MHz (EN 50117-2-4:2004/A2:2013)
- zamijenjena s: HRN EN 50117-9-2:2019

HRN EN 50117-2-5:2008 en
Koaksijalni kabele – Dio 2-5: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabele na otvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz (EN 50117-2-5:2004+A1:2008)
Coaxial cables – Part 2-5: Sectional specification for cables used in cabled distribution networks – Outdoor drop cables for systems operating at 5 MHz – 3000 MHz (EN 50117-2-5:2004+A1:2008)
- zamijenjena s: HRN EN 50117-10-2:2019

HRN EN 50117-2-5:2008/A2:2014 en
Koaksijalni kabele – Dio 2-5: Sekcijska specifikacija za kabele upotrijebljene u kabelskim razdjelnim mrežama – Viseći kabele na otvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz (EN 50117-2-5:2004/A2:2013)
Coaxial cables – Part 2-5: Sectional specification for cables used in cabled distribution networks – Outdoor drop cables for systems operating at 5 MHz – 3000 MHz (EN 50117-2-5:2004/A2:2013)
- zamijenjena s: HRN EN 50117-10-2:2019

- HRN EN 50117-4-1:2008 en
Koaksijalni kabele – Dio 4-1: Sekcijska specifikacija za kabele za BCT kabliranje u skladu s EN 50173 – Viseći kabele u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz (EN 50117-4-1:2008)
Coaxial cables – Part 4-1: Sectional specification for cables for BCT cabling in accordance with EN 50173 – Indoor drop cables for systems operating at 5 MHz – 3000 MHz (EN 50117-4-1:2008)
- zamijenjena s: HRN EN 50117-9-2:2019
- HRN EN 50117-4-1:2008/A1:2014 en
Koaksijalni kabele – Dio 4-1: Sekcijska specifikacija za kabele za BCT kabliranje u skladu s EN 50173 – Viseći kabele u zatvorenom (prostoru) za sustave koji rade na 5 MHz – 3000 MHz (EN 50117-4-1:2008/A1:2013)
Coaxial cables – Part 4-1: Sectional specification for cables for BCT cabling in accordance with EN 50173 – Indoor drop cables for systems operating at 5 MHz – 3000 MHz (EN 50117-4-1:2008/A1:2013)
- zamijenjena s: HRN EN 50117-9-2:2019
- HRN EN 50117-4-2:2015 en
Koaksijalni kabele – Dio 4-2: Sekcijska specifikacija za CATV kabele frekvencije do 6 GHz koji se koriste u kabliranim distribucijskim mrežama (EN 50117-4-2:2015)
Coaxial cables – Part 4-2: Sectional specification for CATV cables up to 6 GHz used in cabled distribution networks (EN 50117-4-2:2015)
- zamijenjena s: HRN EN 50117-9-3:2019
- HRN EN 50551-1:2012 en
Simplex and duplex cables to be used for cords – Part 1: Blank Detail Specification and minimum requirements (EN 50551-1:2011)
- zamijenjena s: HRN EN 50551-1:2019
- HRN EN 60068-2-82:2008 en
Environmental testing – Part 2-82: Tests – Test Tx: Whisker test methods for electronic and electric components (IEC 60068-2-82:2007; EN 60068-2-82:2007)
- zamijenjena s: HRN EN IEC 60068-2-82:2019
- HRN EN 60286-3:2014 en
Pakiranje komponenta za automatsko rukovanje – Pakiranje komponenta za površinsku montažu na neprekidnu traku (IEC 60286-3:2013; EN 60286-3:2013)
Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes (IEC 60286-3:2013; EN 60286-3:2013)
- zamijenjena s: HRN EN IEC 60286-3:2019
- HRN EN 60286-3:2014/Ispr.1:2014 en
Pakiranje komponenta za automatsko rukovanje – Pakiranje komponenta za površinsku montažu na neprekidnu traku (EN 60286-3:2013/AC:2013)
Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes (EN 60286-3:2013/AC:2013)
- zamijenjena s: HRN EN IEC 60286-3:2019
- HRN EN 60384-17:2008 en
Fixed capacitors for use in electronic equipment – Part 17: Sectional specification – Fixed metallized polypropylene film dielectric a.c. and pulse capacitors (IEC 60384-17:2005; EN 60384-17:2005)
- zamijenjena s: HRN EN IEC 60384-17:2019
- HRN EN 60384-21:2012 en
Fixed capacitors for use in electronic equipment – Part 21: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (IEC 60384-21:2011; EN 60384-21:2012)
- zamijenjena s: HRN EN IEC 60384-21:2019
- HRN EN 60384-22:2012 en
Fixed capacitors for use in electronic equipment – Part 22: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (IEC 60384-22:2011; EN 60384-22:2012)
- zamijenjena s: HRN EN IEC 60384-22:2019
- HRN EN 60424-2:2016 en
Ferrite cores – Guidelines on the limits of surface irregularities – Part 2: RM-cores (IEC 60424-2:2015; EN 60424-2:2016)
- zamijenjena s: HRN EN IEC 60393-4:2019
- HRN EN 60512-11-1:2008 en
Electromechanical components for electronic equipment – Basic testing procedures and measuring methods – Part 11: Climatic tests – Section 1: Test 11a – Climatic sequence (IEC 60512-11-1:1995; EN 60512-11-1:1999)
- zamijenjena s: HRN EN IEC 60512-11-1:2019
- HRN EN 60512-23-3:2008 en
Electromechanical components for electronic equipment – Basic testing procedures and measuring methods – Part 23-3: Test 23c: Shielding effectiveness of connectors and accessories (IEC 60512-23-3:2000; EN 60512-23-3:2001)
- zamijenjena s: HRN EN 60512-23-3:2019
- HRN EN 60749-17:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 17: Neutron irradiation (IEC 60749-17:2003; EN 60749-17:2003)
- zamijenjena s: HRN EN IEC 60749-17:2019
- HRN EN 60749-18:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 18: Ionizing radiation (total dose) (IEC 60749-18:2002; EN 60749-18:2003)
- zamijenjena s: HRN EN IEC 60749-18:2019
- HRN EN 60793-1-31:2011 en
Optical fibres – Part 1-31: Measurement methods and test procedures – Tensile strength (IEC 60793-1-31:2010; EN 60793-1-31:2010)
- zamijenjena s: HRN EN IEC 60793-1-31:2019
- HRN EN 60793-1-32:2011 en
Optical fibres – Part 1-32: Measurement methods and test procedures – Coating strippability (IEC 60793-1-32:2010; EN 60793-1-32:2010)
- zamijenjena s: HRN EN IEC 60793-1-32:2019
- HRN EN 60793-2-10:2017 en
Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibres (IEC 60793-2-10:2017; EN 60793-2-10:2017)
- zamijenjena s: HRN EN IEC 60793-2-10:2019
- HRN EN 60793-2-50:2016 en
Optička vlakna – Dio 2-50: Specifikacije proizvoda – Sekcijska specifikacija za vlakna razreda B za jedan način rada (IEC 60793-2-50:2015; EN 60793-2-50:2016)
Optical fibres – Part 2-50: Product specifications – Sectional specification for class B single-mode fibres (IEC 60793-2-50:2015; EN 60793-2-50:2016)
- zamijenjena s: HRN EN IEC 60793-2-50:2019
- HRN EN 60794-2-11:2014 en
Optical fibre cables – Part 2-11: Indoor optical fibre cables – Detailed specification for simplex and duplex cables for use in premises cabling (IEC 60794-2-11:2012; EN 60794-2-11:2012)
- zamijenjena s: HRN EN IEC 60794-2-11:2019
- HRN EN 60794-2-21:2014 en
Optical fibre cables – Part 2-21: Indoor optical fibre cables – Detailed specification for multi-fibre optical distribution cables for use in premises cabling (IEC 60794-2-21:2012; EN 60794-2-21:2012)
- zamijenjena s: HRN EN IEC 60794-2-21:2019
- HRN EN 60794-2-30:2009 en
Optical fibre cables – Part 2-30: Indoor cables – Family specification for ribbon cables (IEC 60794-2-30:2008; EN 60794-2-30:2008)
- zamijenjena s: HRN EN IEC 60794-2-30:2019
- HRN EN 60794-2-31:2014 en
Optical fibre cables – Part 2-31: Indoor cables – Detailed specification for optical fibre ribbon cables for use in premises cabling (IEC 60794-2-31:2012; EN 60794-2-31:2013)
- zamijenjena s: HRN EN IEC 60794-2-31:2019
- HRN EN 60904-3:2016 en
Photovoltaic devices – Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data (IEC 60904-3:2016; EN 60904-3:2016)
- zamijenjena s: HRN EN IEC 60904-3:2019
- HRN EN 60966-1:2008 en
Radio frequency and coaxial cable assemblies – Part 1: Generic specification – General requirements and test methods (IEC 60966-1:1999; EN 60966-1:1999)
- zamijenjena s: HRN EN IEC 60966-1:2019

HRN EN 61280-4-1:2010 en
Fibre optic communication subsystem test procedures
– Part 4-1: Installed cable plant – Multimode attenuation
measurement (IEC 61280-4-1:2009; EN 61280-4-1:2009)
- zamijenjena s: HRN EN 61280-4-1:2019

HRN EN 61315:2008 en
Calibration of fibre-optic power meters (IEC 61315:2005;
EN 61315:2006)
- zamijenjena s: HRN EN IEC 61315:2019

HRN EN 61967-1:2008 en
Integrated circuits – Measurement of electromagnetic
emissions, 150 kHz to 1 GHz – Part 1: General conditions
and definitions (IEC 61967-1:2002; EN 61967-1:2002)
- zamijenjena s: HRN EN IEC 61967-1:2019

HRN EN 62317-4:2008 en
Ferrite cores – Dimensions – Part 4: RM-cores and associated
parts (IEC 62317-4:2005; EN 62317-4:2005)
- zamijenjena s: HRN EN IEC 63093-4:2019

HRN EN 62317-4:2008/Ispr.1:2018 en
Feritne jezgre – Dimenzije – 4. dio: RM jezgra i pripadajući dijelovi
(IEC 62317-4:2005/Corr.1:2016; EN 62317-4:2005/AC:2016)
Ferrite cores – Dimensions – Part 4: RM-cores and associated
parts (IEC 62317-4:2005/Corr.1:2016; EN 62317-4:2005/AC:2016)
- zamijenjena s: HRN EN IEC 63093-4:2019

HRN EN 62343-1:2016 en
Dynamic modules – Part 1: Performance standards – General
conditions (IEC 62343-1:2016; EN 62343-1:2016)
- zamijenjena s: HRN EN IEC 62343-1:2019

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 503, *Metalni materijali*

- **umjesto**

HRN EN ISO 2566-1:2022
Čelik – Konverzija vrijednosti istezljivosti – 1. dio: Ugljični i nisko legirani čelici (ISO 2566-1:2021; EN ISO 2566-1:2021)
Steel – Conversion of elongation values – Part 1: Carbon and low alloy steels (ISO 2566-1:2021; EN ISO 2566-1:2021)

- **treba biti**

HRN EN ISO 2566-1:2022
Čelik – Konverzija vrijednosti istezljivosti – 1. dio: Ugljični i nisko legirani čelici (ISO 2566-1:2021, **ispravljena verzija 2022-06**; EN ISO 2566-1:2021)
Steel – Conversion of elongation values – Part 1: Carbon and low alloy steels (ISO 2566-1:2021, **Corrected version 2022-06**; EN ISO 2566-1:2021)

- **umjesto**

HRN EN ISO 2566-2:2022
Čelik – Konverzija vrijednosti istezljivosti – 2. dio: Austenitni čelici (ISO 2566-2:2021; EN ISO 2566-2:2021)
Steel – Conversion of elongation values – Part 2: Austenitic steels (ISO 2566-2:2021; EN ISO 2566-2:2021)

- **treba biti**

HRN EN ISO 2566-2:2022
Čelik – Konverzija vrijednosti istezljivosti – 2. dio: Austenitic steels (ISO 2566-2:2021, **ispravljena verzija 2022-05**; EN ISO 2566-2:2021)
Steel – Conversion of elongation values – Part 2: Austenitic steels (ISO 2566-2:2021, **Corrected version 2022-05**; EN ISO 2566-2:2021)

HZN/TO 531, *Plastika i guma*

- **umjesto**

HRN EN 13341:2011
Nepomični plastomerni spremnici za nadzemno skladištenje loživog ulja za domaćinstvo, **kerozinskog i dizelskog** goriva – Polietilenski spremnici proizvedeni **upuhivanjem u kalupe** i **centrifugalnim** lijevanjem te spremnici dobiveni centrifugalnim lijevanjem anionskog **polimerizacijskog** poliamida 6 – Zahtjevi i metode ispitivanja (EN 13341:2005+A1:2011)
Static thermoplastic tanks for above ground storage of domestic heating oils, kerosene and diesel fuels – Blow moulded and rotationally moulded polyethylene tanks and rotationally moulded tanks made of anionically polymerized polyamide 6 – Requirements and test methods (EN 13341:2005+A1:2011)

- **treba biti**

HRN EN 13341:2011
Nepomični plastomerni spremnici za nadzemno skladištenje loživog ulja za domaćinstvo, **kerozinskih i dizelskih** goriva – Polietilenski spremnici proizvedeni **oblikovanjem puhanjem** i **rotacijskim** lijevanjem te spremnici dobiveni rotacijskim lijevanjem anionskog **polimeriziranog** poliamida 6 – Zahtjevi i metode ispitivanja (EN 13341:2005+A1:2011)
Static thermoplastic tanks for above ground storage of domestic heating oils, kerosene and diesel fuels – Blow moulded and rotationally moulded polyethylene tanks and rotationally moulded tanks made of anionically polymerized polyamide 6 – Requirements and test methods (EN 13341:2005+A1:2011)

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

- **umjesto**

HRN EN ISO 8655-6:2022

Klipna volumetrijska aparatura – 6. dio: Gravimetrijski referentni postupak mjerenja za određivanje volumena (ISO 8655-6:2022; EN ISO 8655-6:2022)

Piston-operated volumetric apparatus – Part 6: Gravimetric reference measurement procedure for the determination of volume (ISO 8655-6:2022; EN ISO 8655-6:2022)

- **treba biti**

HRN EN ISO 8655-6:2022

Klipna volumetrijska aparatura – 6. dio: Gravimetrijski referentni postupak mjerenja za određivanje volumena (ISO 8655-6:2022, **ispravljena verzija 2022-06**; EN ISO 8655-6:2022)

Piston-operated volumetric apparatus – Part 6: Gravimetric reference measurement procedure for the determination of volume (ISO 8655-6:2022, **Corrected version 2022-06**; EN ISO 8655-6:2022)

1.10 **Prijevodi hrvatskih normativnih dokumenata**

HZN/TO 531, *Plastika i guma*

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

HRN EN 13341:2011 hr-en pr-pp

Nepomični plastomerni spremnici za nadzemno skladištenje loživog ulja za domaćinstvo, kerozinskih i dizelskih goriva – Polietilenski spremnici proizvedeni oblikovanjem puhanjem i rotacijskim lijevanjem te spremnici dobiveni rotacijskim lijevanjem anionskog polimeriziranog poliamida 6 – Zahtjevi i metode ispitivanja (EN 13341:2005+A1:2011)

Static thermoplastic tanks for above ground storage of domestic heating oils, kerosene and diesel fuels – Blow moulded and rotationally moulded polyethylene tanks and rotationally moulded tanks made of anionically polymerized polyamide 6 – Requirements and test methods (EN 13341:2005+A1:2011)

HRN EN 15701:2016 hr-en pr-pp

Plastika – Plastomerni plaševi za izoliranje građevinske opreme i industrijskih instalacija – Zahtjevi i metode ispitivanja (EN 15701:2016)

Plastics – Thermoplastic jackets for insulation products for building equipment and industrial installations – Requirements and test methods (EN 15701:2016)

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

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

HRN EN 12162:2009 hr-en pr-pp

Pumpe za kapljevine – Sigurnosni zahtjevi – Postupak hidrostatičkoga ispitivanja (EN 12162:2001+A1:2009)

Liquid pumps – Safety requirements – Procedure for hydrostatic testing (EN 12162:2001+A1:2009)

HZN/TO E9, *Električna oprema za željeznicu*

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

HRN EN 50129:2007/Ispr.1:2014 hr-en pr-pp

Željeznički sustav – Komunikacijska i signalna tehnika i sustavi obrade podataka – Elektronički sustavi za signalnu tehniku povezani sa sigurnošću (EN 50129:2003/AC:2010)

Railway applications – Communication, signalling and processing systems – Safety related electronic systems for signalling (EN 50129:2003/AC:2010)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 71-13+A1	Safety of toys – Part 13: Olfactory board games, cosmetic kits and gustative games	97.200.50	2022-05
EN 81-21	Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 21: New passenger and goods passenger lifts in existing building	91.140.90	2022-05
EN 81-58	Safety rules for the construction and installation of lifts – Examination and tests – Part 58: Landing doors fire resistance test	13.220.20; 91.140.90	2022-05
EN 81-71	Safety rules for the construction and installation of lifts – Particular applications to passenger lifts and goods passenger lifts – Part 71: Vandal resistant lifts	91.140.90	2022-05
EN 81-77	Safety rules for the construction and installations of lifts – Particular applications for passenger and goods passenger lifts – Part 77: Lifts subject to seismic conditions	91.120.25; 91.140.90	2022-05
EN 1757	Safety of industrial trucks – Pedestrian propelled industrial platform trucks	53.060	2022-05
EN 3155-075	Aerospace series – Electrical contacts used in elements of connection – Part 075: Contacts, electrical, quadrax, size 8, female, type E, crimp, class R – Product standard	49.060	2022-05
EN 3373-001	Aerospace series – Terminal lugs and in-line splices for crimping on electric conductors – Part 001: Technical specification	49.060	2022-05
EN 3660-062	Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 062: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self-locking – Product standard	49.060	2022-05
EN 3660-063	Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 063: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self-locking – Product standard	49.060	2022-05
EN 3660-064	Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 064: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self-locking – Product standard	49.060	2022-05
EN 3660-065	Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 065: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self-locking – Product standard	49.060	2022-05
EN 3745-412	Aerospace series – Fibres and cables, optical, aircraft use – Test methods – Part 412: Humidity resistance	49.090	2022-05
EN 3792	Aerospace series – Anaerobic polymerisable compounds – Technical specification	49.025.40; 49.025.50	2022-05
EN 3838	Aerospace series – Requirements and tests on user-applied markings on aircraft electrical cables	49.060	2022-05
EN 4259	Aerospace series – Metallic materials – Definition of general terms	01.040.49; 49.025.05; 49.025.15	2022-05
EN 4385	Aerospace series – Non-metallic materials – General organization of standardization – Links between types of standards	01.120; 49.025.99	2022-05
EN 4841-1	Aerospace series – Shock mount with bushes – Part 1: Technical specification	49.035	2022-05
EN 4841-2	Aerospace series – Shock mount with bushes – Part 2: Technical overview	49.035	2022-05
EN 4890	Aerospace series – Steel X4CrNiMo16-5-1 – Air melted – Hardened and tempered – Sheets and plates – $0,3 \text{ mm} \leq a \leq 50 \text{ mm}$ – $900 \text{ MPa} \leq R_{m} \leq 1050 \text{ MPa}$	49.025.10	2022-05
EN 4900	Aerospace series – Aluminium alloy 5086 – H111 – Extruded bars – $10 \text{ mm} \leq D \leq 300 \text{ mm}$	49.025.20	2022-05
EN 6059-401	Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 401: Expansion range	49.060	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN 12125	Chemicals used for treatment of water intended for human consumption – Sodium thiosulfate	71.100.80	2022-05
EN 12174	Chemicals used for treatment of water intended for human consumption – Sodium hexafluorosilicate	71.100.80	2022-05
EN 12245	Transportable gas cylinders – Fully wrapped composite cylinders	23.020.35	2022-05
EN 12259-14+A1	Fixed firefighting systems – Components for sprinkler and water spray systems – Part 14: Sprinklers for residential applications	13.220.20	2022-05
EN 12583	Gas Infrastructure – Compressor stations – Functional requirements	23.140; 75.200	2022-05
EN 13094+A1	Tanks for the transport of dangerous goods – Metallic gravity-discharge tanks – Design and construction	13.300; 23.020.20	2022-05
EN 13209-1	Child care articles – Child carriers – Safety requirements and test methods – Part 1: Framed back carrier	97.190	2022-05
EN 13830+A1/AC	Curtain walling – Product standard	91.060.10	2022-05
EN 14541-1	Plastics pipes and fittings – Utilisation of thermoplastics recyclates – Part 1: Vocabulary	01.040.83; 83.140.30	2022-05
CEN/TS 14541-2	Plastics pipes and fittings – Utilisation of thermoplastics recyclates – Part 2: Recommendations for relevant characteristics	83.140.30	2022-05
EN 14749+A1	Furniture – Domestic and kitchen storage units and kitchen-worktops – Safety requirements and test methods	97.040.10; 97.140	2022-05
EN 15094	Safety of machinery – Safety requirements for cold flat rolling mills	77.180	2022-05
EN 15112	External cathodic protection of well casings	23.040.99; 77.060	2022-05
EN 15427-2-1	Railway applications – Wheel/Rail friction management – Part 2-1: Properties and Characteristics – Flange lubricants	45.040; 75.100	2022-05
EN 15632-1	District heating pipes – Factory made flexible pipe systems – Part 1: Classification, general requirements and test methods	23.040.07	2022-05
EN 15632-2	District heating pipes – Factory made flexible pipe systems – Part 2: Bonded system with plastic service pipes; requirements and test methods	23.040.07	2022-05
EN 15632-3	District heating pipes – Factory made flexible pipe systems – Part 3: Non bonded system with plastic service pipes; requirements and test methods	23.040.07	2022-05
EN 15632-4	District heating pipes – Factory made flexible pipe systems – Part 4: Bonded system with metal service pipes; requirements and test methods	23.040.07	2022-05
EN 15714-5	Industrial valves – Actuators – Part 5: Pneumatic linear actuators for industrial valves – Basic requirements	23.060.20	2022-05
CEN/TS 16157-12	Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 12: Facility related publications	35.240.60	2022-05
EN 16334-1+A1	Railway applications – Passenger Alarm System – Part 1: System requirements for mainline rail	13.320; 45.060.20	2022-05
EN 17348	Requirements for design and testing of vacuum cleaners for use in potentially explosive atmospheres	97.080	2022-05
EN 17404	Cycles – Electrically power assisted cycles – EPAC Mountain bikes	43.120; 43.150	2022-05
EN 17529	Data protection and privacy by design and by default	35.030	2022-05
EN 17530	Railway applications – Interior glazing for rail vehicles	45.060.01	2022-05
EN 17605	Algae and algae products – Methods of sampling and analysis – Sample treatment	13.020.55	2022-05
CEN/TS 17803	Organic and organo-mineral fertilizers – Detection of specific pathogens	65.080	2022-05
CEN/TS 17804	Organic, organo-mineral and inorganic fertilizers – Detection of Enterocococaceae	65.080	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60072-1	Rotating electrical machines – Dimensions and output series – Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080 (IEC 60072-1:2022)	29.160.01	2022-05
EN 60079-29-1/A1	Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases (IEC 60079-29-1:2016/A1:2020)	29.260.20	2022-05
EN 60079-29-1/A11	Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases	29.260.20	2022-05
EN IEC 60318-8	Electroacoustics – Simulators of human head and ear – Part 8: Acoustic coupler for high-frequency measurements of hearing aids and earphones coupled to the ear by means of ear inserts (IEC 60318-8:2022)	17.140.50	2022-05
EN IEC 60477-1	Laboratory resistors – Part 1: Laboratory DC resistors (IEC 60477-1:2022)	17.220.20; 31.040.01	2022-05
EN IEC 60477-2	Laboratory resistors – Part 2: Laboratory AC resistors (IEC 60477-2:2022)	17.220.20; 31.040.01	2022-05
EN IEC 60587	Electrical insulating materials used under severe ambient conditions – Test methods for evaluating resistance to tracking and erosion (IEC 60587:2022)	17.220.99; 29.035.01	2022-05
EN IEC 60730-2-14/A1	Automatic electrical controls – Part 2-14: Particular requirements for electric actuators (IEC 60730-2-14:2017/A1:2019)	29.120.01; 97.120	2022-05
EN IEC 61215-1-2/A1	Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-2: Special requirements for testing of thin- film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (IEC 61215-1-2:2021/AMD1:2022)	27.160	2022-05
EN IEC 61215-1-3/A1	Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-3: Special requirements for testing of thin- film amorphous silicon based photovoltaic (PV) modules (IEC 61215-1-3:2021/AMD1:2022)	27.160	2022-05
EN IEC 61215-1-4/A1	Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-4: Special requirements for testing of thin- film Cu(In,Ga)(S,Se) ₂ based photovoltaic (PV) modules (IEC 61215-1-4:2021/AMD1:2022)	27.160	2022-05
EN IEC 61300-1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance (IEC 61300-1:2022)	33.180.20	2022-05
EN IEC 61557-3	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 3: Loop impedance (IEC 61557-3:2019)	17.220.20; 29.080.01; 29.240.01	2022-05
EN IEC 61557-7	Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 7: Phase sequence (IEC 61557-7:2019)	17.220.20; 29.080.01; 29.240.01	2022-05
EN IEC 61557-11	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 11: Effectiveness of residual current monitors (RCM) in TT, TN and IT systems (IEC 61557-11:2020)	17.220.20; 29.080.01; 29.240.01	2022-05
EN IEC 61757-3-2	Fibre optic sensors – Part 3-2: Acoustic sensing and vibration measurement – Distributed sensing (IEC 61757-3-2:2022)	33.180.99	2022-05
EN 61850-5/A1	Communication networks and systems for power utility automation – Part 5: Communication requirements for functions and device models (IEC 61850-5:2013/AMD1:2022)	33.040.40; 33.200	2022-05
EN IEC 62127-1	Ultrasonics – Hydrophones – Part 1: Measurement and characterization of medical ultrasonic fields (IEC 62127-1:2022)	11.040.60; 17.140.50	2022-05
EN IEC 62271-209/A1	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 62271-209:2019/AMD1:2022)	29.130.10	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62325-451-8	Framework for energy market communications – Part 451-8: HVDC Scheduling process, contextual and assembly models for European style market (IEC 62325-451-8:2022)	29.240.01; 33.200; 35.240.50; 35.240.63	2022-05
EN IEC 62631-2-2	Dielectric and resistive properties of solid insulating materials – Part 2-2: Relative permittivity and dissipation factor – High frequencies (1 MHz to 300 MHz) – AC methods (IEC 62631-2-2:2022)	17.220.99; 29.035.01	2022-05
EN IEC 62641	Conductors for overhead lines – Aluminium and aluminium alloy wires for concentric lay stranded conductors (IEC 62641:2022)	29.060.01; 29.240.20	2022-05
EN IEC 62641/A11	Conductors for overhead lines – Aluminium and aluminium alloy wires for concentric lay stranded conductors	29.060.01; 29.240.20	2022-05
EN IEC 63033-1	Multimedia systems and equipment for vehicles – Surround view system – Part 1: General (IEC 63033-1:2022)	33.160.99; 35.240.60; 43.040.15	2022-05
EN IEC 63033-2	Multimedia Systems and equipment for vehicles – Surround view system – Part 2: Recording methods of the surround view system (IEC 63033-2:2022)	33.160.99; 35.240.60; 43.040.15	2022-05
EN IEC 63033-3	Multimedia systems and equipment for vehicles – Surround view system – Part 3: Measurement methods (IEC 63033-3:2022)	33.160.60; 35.240.60; 43.040.10; 43.040.15	2022-05
EN IEC 63033-4	Multimedia systems and equipment for vehicles – Surround view system – Part 4: Application for camera monitor systems (IEC 63033-4:2022)	33.160.60; 35.240.60; 43.040.10; 43.040.15	2022-05
EN IEC 63093-10	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 10: PM-cores and associated parts (IEC 63093-10:2022)	29.100.10	2022-05
EN IEC 63248	Conductors for overhead lines – Coated or clad metallic wire for concentric lay stranded conductors (IEC 63248:2022)	29.060.01; 29.240.20	2022-05
EN IEC 63248/A11	Conductors for overhead lines – Coated or clad metallic wire for concentric lay stranded conductors	29.060.01; 29.240.20	2022-05
EN IEC 81346-1	Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations – Part 1: Basic rules (IEC 81346-1:2022)	01.110; 29.020	2022-05
CEN/CLC/ETSI TR 101550	Documents relevant to EN 301549 (V1.1.1) "Accessibility requirements suitable for public procurement of ICT products and services in Europe"	03.100.10; 13.180; 33.020; 35.020	2022-05
EN ISO 4531	Vitreous and porcelain enamels – Release from enamelled articles in contact with food – Methods of test and limits (ISO 4531:2022)	25.220.50; 67.250; 97.040.60	2022-05
EN ISO 6346	Freight containers – Coding, identification and marking (ISO 6346:2022)	55.180.10	2022-05
EN ISO 8655-1	Piston-operated volumetric apparatus – Part 1: Terminology, general requirements and user recommendations (ISO 8655-1:2022)	01.040.17; 17.060	2022-05
EN ISO 8655-2	Piston-operated volumetric apparatus – Part 2: Pipettes (ISO 8655-2:2022)	17.060	2022-05
EN ISO 8655-3	Piston-operated volumetric apparatus – Part 3: Burettes (ISO 8655-3:2022)	17.060	2022-05
EN ISO 8655-4	Piston-operated volumetric apparatus – Part 4: Dilutors (ISO 8655-4:2022)	17.060	2022-05
EN ISO 8655-5	Piston-operated volumetric apparatus – Part 5: Dispensers (ISO 8655-5:2022)	17.060	2022-05
EN ISO 8655-6	Piston-operated volumetric apparatus – Part 6: Gravimetric reference measurement procedure for the determination of volume (ISO 8655-6:2022)	17.060	2022-05
EN ISO 8655-7	Piston-operated volumetric apparatus – Part 7: Alternative measurement procedures for the determination of volume (ISO 8655-7:2022)	17.060	2022-05
EN ISO 8655-8	Piston-operated volumetric apparatus – Part 8: Photometric reference measurement procedure for the determination of volume (ISO 8655-8:2022)	17.060; 71.040.20	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 8655-9	Piston-operated volumetric apparatus – Part 9: Manually operated precision laboratory syringes (ISO 8655-9:2022)	17.060; 71.040.20	2022-05
EN ISO 10079-2	Medical suction equipment – Part 2: Manually powered suction equipment (ISO 10079-2:2022)	11.040.10	2022-05
EN ISO 10079-3	Medical suction equipment – Part 3: Suction equipment powered from a vacuum or positive pressure gas source (ISO 10079-3:2022)	11.040.10	2022-05
EN ISO 11608-1	Needle-based injection systems for medical use – Requirements and test methods – Part 1: Needle-based injection systems (ISO 11608-1:2022)	11.040.25	2022-05
EN ISO 11608-2	Needle-based injection systems for medical use – Requirements and test methods – Part 2: Double-ended pen needles (ISO 11608-2:2022)	11.040.25	2022-05
EN ISO 11608-3	Needle-based injection systems for medical use – Requirements and test methods – Part 3: Containers and integrated fluid paths (ISO 11608-3:2022)	11.040.25	2022-05
EN ISO 11608-4	Needle-based injection systems for medical use – Requirements and test methods – Part 4: Needle-based injection systems containing electronics (ISO 11608-4:2022)	11.040.25	2022-05
EN ISO 11681-1	Machinery for forestry – Portable chain-saw safety requirements and testing – Part 1: Chain-saws for forest service (ISO 11681-1:2022)	65.060.80	2022-05
EN ISO 11681-2	Machinery for forestry – Portable chain-saw safety requirements and testing – Part 2: Chain-saws for tree service (ISO 11681-2:2022)	65.060.80	2022-05
EN ISO 11850/A2	Machinery for forestry – General safety requirements – Amendment 2: Access to operator's station and maintenance locations (ISO 11850:2011/Amd 2:2022)	65.060.80	2022-05
EN ISO 12696	Cathodic protection of steel in concrete (ISO 12696:2022)	77.060; 77.140.15	2022-05
EN ISO 12855	Electronic fee collection – Information exchange between service provision and toll charging (ISO 12855:2022)	03.220.20; 35.240.60	2022-05
EN ISO 13503-3	Petroleum and natural gas industries – Completion fluids and materials – Part 3: Testing of heavy brines (ISO 13503-3:2022)	75.100	2022-05
EN ISO 14644-9	Cleanrooms and associated controlled environments – Part 9: Assessment of surface cleanliness for particle concentration (ISO 14644-9:2022)	13.040.35	2022-05
EN ISO 14644-10	Cleanrooms and associated controlled environments – Part 10: Assessment of surface cleanliness for chemical contamination (ISO 14644-10:2022)	13.040.35	2022-05
EN ISO 15118-20	Road vehicles – Vehicle to grid communication interface – Part 20: 2nd generation network layer and application layer requirements (ISO 15118-20:2022)	43.120	2022-05
EN ISO 16808	Metallic materials – Sheet and strip – Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems (ISO 16808:2022)	77.040.10	2022-05
EN ISO 17201-6	Acoustics – Noise from shooting ranges – Part 6: Sound pressure measurements close to the source for determining exposure to sound (ISO 17201-6:2021)	13.140; 17.140.20; 95.020; 97.220.10	2022-05
EN ISO 17405	Non-destructive testing – Ultrasonic testing – Technique of testing claddings produced by welding, rolling and explosion (ISO 17405:2022)	19.100	2022-05
EN ISO 17892-1/A1	Geotechnical investigation and testing – Laboratory testing of soil – Part 1: Determination of water content – Amendment 1 (ISO 17892-1:2014/Amd 1:2022)	13.080.20; 93.020	2022-05
EN ISO 18064	Thermoplastic elastomers – Nomenclature and abbreviated terms (ISO 18064:2022)	01.040.83; 83.080.20	2022-05
EN ISO 18527-1	Eye and face protection for sports use – Part 1: Requirements for downhill skiing and snowboarding goggles (ISO 18527-1:2021)	13.340.20; 97.220.20	2022-05
EN ISO 20519	Ships and marine technology – Specification for bunkering of liquefied natural gas fuelled vessels (ISO 20519:2021)	47.020.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 20765-5	Natural gas – Calculation of thermodynamic properties – Part 5: Calculation of viscosity, Joule-Thomson coefficient, and isentropic exponent (ISO 20765-5:2022)	75.060	2022-05
EN ISO 21646	Solid recovered fuels – Sample preparation (ISO 21646:2022)	75.160.10	2022-05
EN ISO 23320	Workplace air – Gases and vapours – Requirements for evaluation of measuring procedures using diffusive samplers (ISO 23320:2022)	13.040.30	2022-05
EN ISO 23372	Anaesthetic and respiratory equipment – Air entrainment devices (ISO 23372:2022)	11.040.10	2022-05
EN ISO 23537-1	Requirements for sleeping bags – Part 1: Thermal, mass and dimensional requirements for sleeping bags designed for limit temperatures of -20°C and higher (ISO 23537-1:2022)	97.200.30	2022-05
EN ISO 24200	Petroleum, petrochemical and natural gas industries – Bulk material for offshore projects – Pipe support (ISO 24200:2022)	75.180.10	2022-05
EN ISO 25424/A1	Sterilization of health care products – Low temperature steam and formaldehyde – Requirements for development, validation and routine control of a sterilization process for medical devices – Amendment 1 (ISO 25424:2018/Amd 1:2022)	11.080.01	2022-05
EN ISO 26101-1	Acoustics – Test methods for the qualification of the acoustic environment – Part 1: Qualification of free-field environments (ISO 26101-1:2021)	17.140.01	2022-05
EN ISO 28921-1	Industrial valves – Isolating valves for low-temperature applications – Part 1: Design, manufacturing and production testing (ISO 28921-1:2022)	23.060.01	2022-05
EN ISO 50005	Energy management systems – Guidelines for a phased implementation (ISO 50005:2021)	03.100.70; 27.015	2022-05
HD 60364-5-53	Low-voltage electrical installations – Part 5-53: Selection and erection of electrical equipment – Switchgear and controlgear	29.120.50; 29.130.20; 91.140.50	2022-05

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17529	Data protection and privacy by design and by default	35.030	2022-05
EN IEC 60072-1	Rotating electrical machines – Dimensions and output series – Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080 (IEC 60072-1:2022)	29.160.01	2022-05
EN 60079-29-1/A1	Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases (IEC 60079-29-1:2016/A1:2020)	29.260.20	2022-05
EN 60079-29-1/A11	Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases	29.260.20	2022-05
EN IEC 60318-8	Electroacoustics – Simulators of human head and ear – Part 8: Acoustic coupler for high-frequency measurements of hearing aids and earphones coupled to the ear by means of ear inserts (IEC 60318-8:2022)	17.140.50	2022-05
EN IEC 60477-1	Laboratory resistors – Part 1: Laboratory DC resistors (IEC 60477-1:2022)	17.220.20; 31.040.01	2022-05
EN IEC 60477-2	Laboratory resistors – Part 2: Laboratory AC resistors (IEC 60477-2:2022)	17.220.20; 31.040.01	2022-05
EN IEC 60587	Electrical insulating materials used under severe ambient conditions – Test methods for evaluating resistance to tracking and erosion (IEC 60587:2022)	17.220.99; 29.035.01	2022-05
EN IEC 60730-2-14/A1	Automatic electrical controls – Part 2-14: Particular requirements for electric actuators (IEC 60730-2-14:2017/A1:2019)	29.120.01; 97.120	2022-05
EN IEC 61215-1-2/A1	Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (IEC 61215-1-2:2021/AMD1:2022)	27.160	2022-05
EN IEC 61215-1-3/A1	Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (IEC 61215-1-3:2021/AMD1:2022)	27.160	2022-05
EN IEC 61215-1-4/A1	Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se) ₂ based photovoltaic (PV) modules (IEC 61215-1-4:2021/AMD1:2022)	27.160	2022-05
EN IEC 61300-1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance (IEC 61300-1:2022)	33.180.20	2022-05
EN IEC 61557-3	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 3: Loop impedance (IEC 61557-3:2019)	17.220.20; 29.080.01; 29.240.01	2022-05
EN IEC 61557-7	Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 7: Phase sequence (IEC 61557-7:2019)	17.220.20; 29.080.01; 29.240.01	2022-05
EN IEC 61557-11	Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 11: Effectiveness of residual current monitors (RCM) in TT, TN and IT systems (IEC 61557-11:2020)	17.220.20; 29.080.01; 29.240.01	2022-05
EN IEC 61757-3-2	Fibre optic sensors – Part 3-2: Acoustic sensing and vibration measurement – Distributed sensing (IEC 61757-3-2:2022)	33.180.99	2022-05
EN 61850-5/A1	Communication networks and systems for power utility automation – Part 5: Communication requirements for functions and device models (IEC 61850-5:2013/AMD1:2022)	33.040.40; 33.200	2022-05
EN IEC 62127-1	Ultrasonics – Hydrophones – Part 1: Measurement and characterization of medical ultrasonic fields (IEC 62127-1:2022)	11.040.60; 17.140.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62271-209/A1	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 62271-209:2019/AMD1:2022)	29.130.10	2022-05
EN IEC 62325-451-8	Framework for energy market communications – Part 451-8: HVDC Scheduling process, contextual and assembly models for European style market (IEC 62325-451-8:2022)	29.240.01; 33.200; 35.240.50; 35.240.63	2022-05
EN IEC 62631-2-2	Dielectric and resistive properties of solid insulating materials – Part 2-2: Relative permittivity and dissipation factor – High frequencies (1 MHz to 300 MHz) – AC methods (IEC 62631-2-2:2022)	17.220.99; 29.035.01	2022-05
EN IEC 62641	Conductors for overhead lines – Aluminium and aluminium alloy wires for concentric lay stranded conductors (IEC 62641:2022)	29.060.01; 29.240.20	2022-05
EN IEC 62641/A11	Conductors for overhead lines – Aluminium and aluminium alloy wires for concentric lay stranded conductors	29.060.01; 29.240.20	2022-05
EN IEC 63033-1	Multimedia systems and equipment for vehicles – Surround view system – Part 1: General (IEC 63033-1:2022)	33.160.99; 35.240.60; 43.040.15	2022-05
EN IEC 63033-2	Multimedia Systems and equipment for vehicles – Surround view system – Part 2: Recording methods of the surround view system (IEC 63033-2:2022)	33.160.99; 35.240.60; 43.040.15	2022-05
EN IEC 63033-3	Multimedia systems and equipment for vehicles – Surround view system – Part 3: Measurement methods (IEC 63033-3:2022)	33.160.60; 35.240.60; 43.040.10; 43.040.15	2022-05
EN IEC 63033-4	Multimedia systems and equipment for vehicles – Surround view system – Part 4: Application for camera monitor systems (IEC 63033-4:2022)	33.160.60; 35.240.60; 43.040.10; 43.040.15	2022-05
EN IEC 63093-10	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 10: PM-cores and associated parts (IEC 63093-10:2022)	29.100.10	2022-05
EN IEC 63248	Conductors for overhead lines – Coated or clad metallic wire for concentric lay stranded conductors (IEC 63248:2022)	29.060.01; 29.240.20	2022-05
EN IEC 63248/A11	Conductors for overhead lines – Coated or clad metallic wire for concentric lay stranded conductors	29.060.01; 29.240.20	2022-05
EN IEC 81346-1	Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations – Part 1: Basic rules (IEC 81346-1:2022)	01.110; 29.020	2022-05
CEN/CLC/ETSI TR 101550	Documents relevant to EN 301549 (V1.1.1) "Accessibility requirements suitable for public procurement of ICT products and services in Europe"	03.100.10; 13.180; 33.020; 35.020	2022-05
HD 60364-5-53	Low-voltage electrical installations – Part 5-53: Selection and erection of electrical equipment – Switchgear and controlgear	29.120.50; 29.130.20; 91.140.50	2022-05

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 103824 V 1.1.1	Unit Test Descriptions for Hybrid Broadcast Broadband TV	33.170	2022-04
ETSI TR 118546 V 4.0.0	oneM2M: Study on Public Warning Service Enabler (oneM2M TR-0046 v4.0.0 Release 4)	33.200	2022-04
ETSI TS 124286 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) – Management Object (MO) (3GPP TS 24.286 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124294 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Centralized Services (ICS) protocol via I1 interface (3GPP TS 24.294 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124312 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124315 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Operator Determined Barring (ODB) – Stage 3: protocol specification (3GPP TS 24.315 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124322 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Tunnelling of IP Multimedia Subsystem (IMS) services over restrictive access networks – Stage 3 (3GPP TS 24.322 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124323 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3GPP IP Multimedia Subsystem (IMS) service level tracing Management Object (MO) (3GPP TS 24.323 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124333 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) Management Objects (MO) (3GPP TS 24.333 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124417 V 17.0.0	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 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124523 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Core and enterprise Next Generation Network (NGN) interaction scenarios – Architecture and functional description (3GPP TS 24.523 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 124524 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Hosted enterprise services – Architecture, functional description and signalling (3GPP TS 24.524 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 124525 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Business trunking – Architecture and functional description (3GPP TS 24.525 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 124605 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.605 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 124606 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Message Waiting Indication (MWI) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.606 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 124607 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.607 version 17.0.0 Release 17)	33.070.99	2022-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124608 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Terminating Identification Presentation (TIP) and Terminating Identification Restriction (TIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.608 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124610 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.610 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124615 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol Specification (3GPP TS 24.615 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124616 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.616 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124629 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.629 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124642 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.642 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124647 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Advice Of Charge (AOC) using IP Multimedia (IM) Core Network (CN) subsystem (3GPP TS 24.647 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 124654 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification (3GPP TS 24.654 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 124930 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Signalling flows for the session setup in the IP Multimedia core network Subsystem (IMS) based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TR 24.930 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 124969 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Business trunking – Next Generation Corporate Network (NGCN) – Next Generation Network (NGN) interfaces implementation guide (3GPP TR 24.969 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125101 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125102 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125104 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 125105 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 17.0.0 Release 17)	33.070.50	2022-04

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ETSI TS 125106 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (3GPP TS 25.106 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125111 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Location Measurement Unit (LMU) performance specification – User Equipment (UE) positioning in UTRAN (3GPP TS 25.111 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125113 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Base station (BS) and repeater electromagnetic compatibility (EMC) (3GPP TS 25.113 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125116 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (LCR TDD) (3GPP TS 25.116 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125123 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (TDD) (3GPP TS 25.123 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125133 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125141 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125142 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125143 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (3GPP TS 25.143 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125153 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (LCR TDD) (3GPP TS 25.153 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125171 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Global Positioning System (A-GPS) – Frequency Division Duplex (FDD) (3GPP TS 25.171 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125172 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Frequency Division Duplex (FDD) (3GPP TS 25.172 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125173 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Time Division Duplex (TDD) (3GPP TS 25.173 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125401 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN overall description (3GPP TS 25.401 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125402 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Synchronisation in UTRAN Stage 2 (3GPP TS 25.402 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125410 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface: General aspects and principles (3GPP TS 25.410 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125411 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface layer 1 (3GPP TS 25.411 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125412 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface signalling transport (3GPP TS 25.412 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125413 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling (3GPP TS 25.413 version 17.0.0 Release 17)	33.070.50	2022-04

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ETSI TS 125414 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface data transport and transport signalling (3GPP TS 25.414 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125415 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface user plane protocols (3GPP TS 25.415 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125419 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) (3GPP TS 25.419 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125420 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface general aspects and principles (3GPP TS 25.420 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125422 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface signalling transport (3GPP TS 25.422 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125424 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface data transport & transport signalling for Common Transport Channel data streams (3GPP TS 25.424 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125425 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.425 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125426 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams (3GPP TS 25.426 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125427 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub/Iur interface user plane protocol for DCH data streams (3GPP TS 25.427 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125430 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub Interface: general aspects and principles (3GPP TS 25.430 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125431 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Layer 1 (3GPP TS 25.431 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125432 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface: signalling transport (3GPP TS 25.432 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125433 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Node B Application Part (NBAP) signalling (3GPP TS 25.433 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125434 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface data transport and transport signalling for Common Transport Channel data streams (3GPP TS 25.434 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125435 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.435 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125442 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN implementation-specific O&M transport (3GPP TS 25.442 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125444 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Iuh data transport (3GPP TS 25.444 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125446 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – MBMS synchronisation protocol (SYNC) (3GPP TS 25.446 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125450 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface general aspects and principles (3GPP TS 25.450 version 17.0.0 Release 17)	33.070.50	2022-04

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ETSI TS 125451 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-PS interface layer 1 (3GPP TS 25.451 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125452 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-PS interface: signalling transport (3GPP TS 25.452 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125453 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-PS interface Positioning Calculation Application Part (PCAP) signalling (3GPP TS 25.453 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125460 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-UT interface: General aspects and principles (3GPP TS 25.460 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125461 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-UT interface: Layer 1 (3GPP TS 25.461 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125462 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-UT interface: Signalling transport (3GPP TS 25.462 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125466 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-UT interface: Application part (3GPP TS 25.466 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125467 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN architecture for 3G Home Node B (HNB) – Stage 2 (3GPP TS 25.467 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125468 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-UT Interface RANAP User Adaptation (RUA) signalling (3GPP TS 25.468 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125469 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-UT interface Home Node B (HNB) Application Part (HNBAP) signalling (3GPP TS 25.469 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125470 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-UT Interface PCAP User Adaptation (PUA) signalling (3GPP TS 25.470 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125471 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-UT interface Radio Network Subsystem Application Part (RNSAP) User Adaptation (RNA) signalling (3GPP TS 25.471 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 125484 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Automatic Neighbour Relation (ANR) for UTRAN – Stage 2 (3GPP TS 25.484 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125906 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Dynamically reconfiguring a Frequency Division Duplex (FDD) User Equipment (UE) receiver to reduce power consumption when desired Quality of Service (QoS) is met (3GPP TR 25.906 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125914 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Measurements of radio performances for UMTS terminals in speech mode (3GPP TR 25.914 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125931 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN functions, examples on signalling procedures (3GPP TR 25.931 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125942 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Radio Frequency (RF) system scenarios (3GPP TR 25.942 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125943 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Deployment aspects (3GPP TR 25.943 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125951 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – FDD Base Station (BS) classification (3GPP TR 25.951 version 17.0.0 Release 17)	33.070.50	2022-04

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ETSI TR 125956 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis (3GPP TR 25.956 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125963 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Feasibility study on interference cancellation for UTRA FDD User Equipment (UE) (3GPP TR 25.963 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125967 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Home Node B (HNB) Radio Frequency (RF) requirements (FDD) (3GPP TR 25.967 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 125968 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – 1.28 Mcps TDD Home NodeB Radio Frequency (RF) (3GPP TR 25.968 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 127005 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Use of Data Terminal Equipment – Data Circuit terminating Equipment (DTE – DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) (3GPP TS 27.005 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 129016 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface network service specification (3GPP TS 29.016 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 129018 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface layer 3 specification (3GPP TS 29.018 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 129108 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Application of the Radio Access Network Application Part (RANAP) on the E-interface (3GPP TS 29.108 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 129118 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 129413 V 17.0.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 129994 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults (3GPP TR 29.994 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132442 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.442 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132446 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.446 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132450 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN): Definitions (3GPP TS 32.450 version 17.0.0 Release 17)	33.070.50	2022-04

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132451 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Requirements (3GPP TS 32.451 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132452 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home Node B (HNB) Subsystem (HNS) (3GPP TS 32.452 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132453 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home enhanced Node B (HeNB) Subsystem (HeNS) (3GPP TS 32.453 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132454 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for the IP Multimedia Subsystem (IMS) – Definitions (3GPP TS 32.454 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132455 V 17.0.0	LTE – Telecommunication management – Key Performance Indicators (KPI) for the Evolved Packet Core (EPC) – Definitions (3GPP TS 32.455 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132500 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Concepts and requirements (3GPP TS 32.500 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132501 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements – Concepts and requirements (3GPP TS 32.501 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132502 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.502 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132506 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.506 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132511 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Automatic Neighbour Relation (ANR) management – Concepts and requirements (3GPP TS 32.511 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132531 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Concepts and Integration Reference Point (IRP) Requirements (3GPP TS 32.531 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132532 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.532 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132536 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.536 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132541 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Self-healing concepts and requirements (3GPP TS 32.541 version 17.0.0 Release 17)	33.070.50	2022-04

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ETSI TS 132551 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Energy Saving Management (ESM) – Concepts and requirements (3GPP TS 32.551 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132571 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) and Home eNode B (HeNB) management – Type 2 interface concepts and requirements (3GPP TS 32.571 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132572 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) and Home eNode B (HeNB) management – Type 2 interface models and mapping functions (3GPP TS 32.572 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132581 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Concepts and requirements for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.581 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132582 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.582 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132583 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Procedure flows for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.583 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132584 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – XML definitions for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.584 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132591 V 17.0.0	LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Concepts and requirements for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.591 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132592 V 17.0.0	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 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132593 V 17.0.0	LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Procedure flows for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.593 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132594 V 17.0.0	LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – XML definitions for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.594 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 132600 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Concept and high-level requirements (3GPP TS 32.600 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 134124 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 17.0.0 Release 17)	33.070.50	2022-04

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ETSI TR 134926 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Electromagnetic compatibility (EMC) – Table of international requirements for mobile terminals and ancillary equipment (3GPP TR 34.926 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 136106 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD repeater radio transmission and reception (3GPP TS 36.106 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 136111 V 17.0.0	LTE – Location Measurement Unit (LMU) performance specification – Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 36.111 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 136112 V 17.0.0	LTE – Location Measurement Unit (LMU) conformance specification – Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 36.112 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 136113 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC) (3GPP TS 36.113 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 136116 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay radio transmission and reception (3GPP TS 36.116 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 136117 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay conformance testing (3GPP TS 36.117 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 136124 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 136307 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 136465 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN) – Xw interface user plane protocol (3GPP TS 36.465 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 136921 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.921 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 136922 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – TDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.922 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TR 136927 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Potential solutions for energy saving for E-UTRAN (3GPP TR 36.927 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 136931 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) requirements for LTE Pico Node B (3GPP TR 36.931 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 136933 V 17.0.0	LTE – Study on Context Aware Service Delivery in RAN for LTE (3GPP TR 36.933 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 136942 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) system scenarios (3GPP TR 36.942 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 137106 V 17.0.0	LTE – User Equipment (UE) requirements for shared spectrum channel access (3GPP TS 37.106 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137107 V 17.0.0	LTE – Base Station (BS) requirements and conformance tests for shared spectrum channel access (3GPP TS 37.107 version 17.0.0 Release 17)	33.070.99	2022-04

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ETSI TS 137113 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137114 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.114 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137141 V 17.5.0	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 17.5.0 Release 17)	33.070.99	2022-04
ETSI TS 137144 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements (3GPP TS 37.144 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 137171 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) – User Equipment (UE) performance requirements for Radio Access Technology (RAT) Independent Positioning Enhancements (3GPP TS 37.171 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137213 V 16.8.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 16.8.0 Release 16)	33.070.99	2022-04
ETSI TS 137213 V 17.1.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 17.1.0 Release 17)	33.070.99	2022-04
ETSI TS 137460 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – luan interface: General aspects and principles (3GPP TS 37.460 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137461 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – luan interface: Layer 1 (3GPP TS 37.461 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137462 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – luan interface: Signalling transport (3GPP TS 37.462 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137466 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – luan interface: Application part (3GPP TS 37.466 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137470 V 17.0.0	LTE – 5G – W1 interface – General aspects and principles (3GPP TS 37.470 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137471 V 17.0.0	LTE – 5G – W1 interface – Layer 1 (3GPP TS 37.471 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137472 V 17.0.0	LTE – 5G – W1 interface – Signalling transport (3GPP TS 37.472 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 137473 V 16.8.0	LTE – 5G – W1 interface – Application Protocol (W1AP) (3GPP TS 37.473 version 16.8.0 Release 16)	33.070.50	2022-04
ETSI TS 137473 V 17.0.0	LTE – 5G – W1 interface – Application Protocol (W1AP) (3GPP TS 37.473 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 137482 V 17.0.0	5G – E1 signalling transport (3GPP TS 37.482 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 137483 V 17.0.0	5G – E1 Application Protocol (E1AP) (3GPP TS 37.483 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 137900 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Radio Frequency (RF) requirements for Multicarrier and Multiple Radio Access Technology (Multi-RAT) Base Station (BS) (3GPP TR 37.900 version 17.0.0 Release 17)	33.070.50	2022-04

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ETSI TR 137902 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Measurements of User Equipment (UE) radio performances for LTE/UMTS terminals – Total Radiated Power (TRP) and Total Radiated Sensitivity (TRS) test methodology (3GPP TR 37.902 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 137941 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Radio Frequency (RF) conformance testing background for radiated Base Station (BS) requirements (3GPP TR 37.941 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 137976 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Measurement of radiated performance for Multiple Input Multiple Output (MIMO) and multi-antenna reception for High Speed Packet Access (HSPA) and LTE terminals (3GPP TR 37.976 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 137977 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA) – Verification of radiated multi-antenna reception performance of User Equipment (UE) (3GPP TR 37.977 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TR 137985 V 17.1.1	LTE – 5G – Overall description of Radio Access Network (RAN) aspects for Vehicle-to-everything (V2X) based on LTE and NR (3GPP TR 37.985 version 17.1.1 Release 17)	33.070.50	2022-04
ETSI TS 138101-2 V 16.11.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.11.0 Release 16)	33.070.99	2022-04
ETSI TS 138411 V 17.0.0	5G – NG-RAN – NG layer 1 (3GPP TS 38.411 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138412 V 17.0.0	5G – NG-RAN – NG signalling transport (3GPP TS 38.412 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138414 V 17.0.0	5G – NG-RAN – NG data transport (3GPP TS 38.414 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138421 V 17.0.0	5G – NG-RAN – Xn layer 1 (3GPP TS 38.421 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138422 V 17.0.0	5G – NG-RAN – Xn signalling transport (3GPP TS 38.422 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138424 V 17.0.0	5G – NG-RAN – Xn data transport (3GPP TS 38.424 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138471 V 17.0.0	5G – NG-RAN – F1 layer 1 (3GPP TS 38.471 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138472 V 17.0.0	5G – NG-RAN – F1 signalling transport (3GPP TS 38.472 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138474 V 17.0.0	5G – NG-RAN – F1 data transport (3GPP TS 38.474 version 17.0.0 Release 17)	33.070.99	2022-04
ETSI TS 138521-2 V 16.10.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Range 2 standalone (3GPP TS 38.521-2 version 16.10.0 Release 16)	33.070.99	2022-04
ETSI TS 138521-4 V 16.10.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 4: Performance (3GPP TS 38.521-4 version 16.10.0 Release 16)	33.070.99	2022-04
ETSI TS 143068 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Group Call Service (VGCS) – Stage 2 (3GPP TS 43.068 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 143069 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Broadcast Service (VBS) – Stage 2 (3GPP TS 43.069 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 144001 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station – Base Station System (MS – BSS) interface – General aspects and principles (3GPP TS 44.001 version 17.0.0 Release 17)	33.070.50	2022-04

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ETSI TS 144013 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Performance requirements on the mobile radio interface (3GPP TS 44.013 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 144056 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM Cordless Telephony System (CTS), Phase 1 – CTS radio interface layer 3 specification (3GPP TS 44.056 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 144057 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM Cordless Telephony System (CTS), Phase 1 – CTS supervising system layer 3 specification (3GPP TS 44.057 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 144064 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station – Serving GPRS Support Node (MS-SGSN) – Logical Link Control (LLC) Layer Specification (3GPP TS 44.064 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 144065 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station (MS) – Serving GPRS Support Node (SGSN) – Subnetwork Dependent Convergence Protocol (SNDCP) (3GPP TS 44.065 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 144068 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Group Call Control (GCC) protocol (3GPP TS 44.068 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 144069 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Broadcast Call Control (BCC) protocol (3GPP TS 44.069 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 148020 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Rate adaption on the Base Station System – Mobile-services Switching Centre (BSS – MSC) interface (3GPP TS 48.020 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 149008 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Application of the Base Station System Application Part (BSSAP) on the E interface (3GPP TS 49.008 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI TS 151013 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card (3GPP TS 51.013 version 17.0.0 Release 17)	33.070.50	2022-04
ETSI ES 201873-5 V 4.9.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 5: TTCN-3 Runtime Interface (TRI)	33.070.50	2022-04
ETSI ES 201873-6 V 4.13.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 6: TTCN-3 Control Interface (TCI)	33.070.50	2022-04
ETSI ES 201873-7 V 4.10.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 7: Using ASN.1 with TTCN-3	33.040.99	2022-04
ETSI GS MEC-DEC 032-1 V 3.1.1	Multi-access Edge Computing (MEC) – API Conformance Test Specification – Part 1: Test Requirements and Implementation Conformance Statement (ICS)	33.060.40	2022-04
EN 303213-5-2 V 1.1.1	Advanced Surface Movement Guidance and Control System (A-SMGCS) – Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment – Sub-part 2: Reference and Vehicle Transmitters	35.240.15	2022-04
ETSI TS 131121 V 16.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.6.0 Release 16)	35.240.15	2022-04
ETSI TS 133501 V 16.9.1	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.9.1 Release 16)	33.060.20; 47.020.70	2022-04
ETSI TS 136101 V 14.21.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.21.0 Release 14)	49.090	2022-04

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ETSI TS 136101 V 15.17.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.17.0 Release 15)	33.070.50	2022-04
ETSI TS 136101 V 16.12.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.12.0 Release 16)	33.070.50	2022-04
ETSI TS 137141 V 16.13.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 16.13.0 Release 16)	33.070.50; 33.070.99	2022-04
ETSI TS 138101-1 V 15.16.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.16.0 Release 15)	33.070.50; 33.070.99	2022-04
ETSI TS 138101-1 V 16.10.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.10.0 Release 16)	33.070.50; 33.070.99	2022-04
ETSI TS 138101-2 V 16.10.1	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.10.1 Release 16)	33.070.50	2022-04
ETSI TS 138133 V 15.16.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.16.0 Release 15)	33.070.99	2022-04
ETSI TS 138133 V 16.10.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.10.0 Release 16)	33.070.99	2022-04
ETSI TR 100392-17-6 V 1.2.1	TETRA and Critical Communications Evolution (TCCE) – Part 17: TETRA V+D, DMO and associated specifications – Sub-part 6: Release 2.2	33.070.10	2022-05
ETSI TS 102241 V 17.2.0	Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 17)	35.240.15	2022-05
ETSI TS 102412 V 16.4.0	Smart Cards – Smart Card Platform Requirements Stage 1 (Release 16)	35.240.15	2022-05
ETSI TS 102412 V 17.1.0	Smart Cards – Smart Card Platform Requirements Stage 1 (Release 17)	35.240.15	2022-05
ETSI TS 102818 V 3.4.1	Hybrid Digital Radio (DAB, DRM, RadioDNS) – XML Specification for Service and Programme Information (SPI)	33.170	2022-05
ETSI TS 103270 V 1.4.1	RadioDNS Hybrid Radio – Hybrid lookup for radio services	33.170	2022-05
ETSI TR 103627 V 1.1.1	Core Network and Interoperability Testing (INT/WG AFI) Autonomy and Self-Management in IMS architecture	33.070.99	2022-05
ETSI TR 103688 V 1.1.1	Intelligent Transport Systems (ITS) – Study on receiver requirements in ETSI EN 302571	33.100.10	2022-05
ETSI TR 103761 V 1.1.1	Core Network and Interoperability Testing (INT) – Methodologies for E2E Testing & Validation of Vertical Applications over 5G & Beyond networks	33.040.99	2022-05
ETSI TS 103779 V 1.1.1	SmartM2M – Requirements and Guidelines for cross-domain data usability of IoT devices	33.200	2022-05
ETSI TR 103783 V 1.1.1	SmartM2M – SAREF: SDT interoperability and oneM2M base ontology alignment	33.200	2022-05
ETSI TR 103869 V 1.1.1	Cybersecurity – Network Router Security Threat Analysis	33.040.99; 35.030	2022-05
ETSI TS 121111 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – USIM and IC card requirements (3GPP TS 21.111 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 121900 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Technical Specification Group working methods (3GPP TR 21.900 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TR 121905 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 17.1.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 122011 V 17.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service accessibility (3GPP TS 22.011 version 17.5.0 Release 17)	33.070.50	2022-05
ETSI TS 122016 V 17.0.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – International Mobile station Equipment Identities (IMEI) (3GPP TS 22.016 version 17.0.1 Release 17)	33.070.50	2022-05
ETSI TS 122053 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 1 (3GPP TS 22.053 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 122076 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Noise suppression for the AMR codec – Service description – Stage 1 (3GPP TS 22.076 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 122101 V 17.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles (3GPP TS 22.101 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 122104 V 17.7.0	5G – Service requirements for cyber-physical control applications in vertical domains (3GPP TS 22.104 version 17.7.0 Release 17)	33.070.50	2022-05
ETSI TS 122115 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Charging and billing (3GPP TS 22.115 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 122153 V 17.3.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia priority service (3GPP TS 22.153 version 17.3.1 Release 17)	33.070.50	2022-05
ETSI TS 122173 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services – Stage 1 (3GPP TS 22.173 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 122228 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS) – Stage 1 (3GPP TS 22.228 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 122261 V 17.10.0	5G – Service requirements for the 5G system (3GPP TS 22.261 version 17.10.0 Release 17)	33.070.50	2022-05
ETSI TS 122262 V 17.1.0	5G – Message service within the 5G System (5GS) – Stage 1 (3GPP TS 22.262 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 122263 V 17.4.0	5G – Service requirements for Video, Imaging and Audio for Professional Applications (VIAPA) (3GPP TS 22.263 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 122278 V 17.2.0	LTE – Service requirements for the Evolved Packet System (EPS) (3GPP TS 22.278 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 122280 V 17.7.0	LTE – 5G – Mission Critical Services Common Requirements (MCCoRe) – Stage 1 (3GPP TS 22.280 version 17.7.0 Release 17)	33.070.50	2022-05
ETSI TS 122289 V 17.0.0	LTE – 5G – Mobile communication system for railways (3GPP TS 22.289 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 122468 V 17.0.1	LTE – 5G – Group Communication System Enablers (GCSE) (3GPP TS 22.468 version 17.0.1 Release 17)	33.070.50	2022-05
ETSI TR 122953 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia priority service feasibility study (3GPP TR 22.953 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123002 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Network architecture (3GPP TS 23.002 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123003 V 17.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Numbering, addressing and identification (3GPP TS 23.003 version 17.5.0 Release 17)	33.070.50	2022-05
ETSI TS 123007 V 17.4.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Restoration procedures (3GPP TS 23.007 version 17.4.1 Release 17)	33.070.50	2022-05
ETSI TS 123008 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Organization of subscriber data (3GPP TS 23.008 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 123018 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Basic call handling – Technical realization (3GPP TS 23.018 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123032 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Universal Geographical Area Description (GAD) (3GPP TS 23.032 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123040 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Technical realization of the Short Message Service (SMS) (3GPP TS 23.040 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123041 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 123053 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Tandem Free Operation (TFO) – Service description – Stage 2 (3GPP TS 23.053 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123122 V 17.6.0	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 17.6.0 Release 17)	33.070.50	2022-05
ETSI TS 123167 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123180 V 17.0.0	LTE – Mission critical services support in the Isolated Operation for Public Safety (IOPS) mode of operation (3GPP TS 23.180 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123203 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123214 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for control and user plane separation of EPC nodes (3GPP TS 23.214 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123216 V 17.0.0	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 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123222 V 17.5.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 123228 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Stage 2 (3GPP TS 23.228 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 123247 V 17.2.0	5G – Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123255 V 17.3.0	LTE – Application layer support for Uncrewed Aerial System (UAS) – Functional architecture and information flows – (3GPP TS 23.255 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 123256 V 17.2.0	5G – Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking – Stage 2 (3GPP TS 23.256 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123271 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123272 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123273 V 17.4.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 123280 V 17.9.0	LTE – Common functional architecture to support mission critical services – Stage 2 (3GPP TS 23.280 version 17.9.0 Release 17)	33.070.99	2022-05
ETSI TS 123281 V 17.6.0	LTE – Functional architecture and information flows to support Mission Critical Video (MCVideo) – Stage 2 (3GPP TS 23.281 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 123282 V 17.9.0	LTE – Functional architecture and information flows to support Mission Critical Data (MCDData) – Stage 2 (3GPP TS 23.282 version 17.9.0 Release 17)	33.070.99	2022-05
ETSI TS 123283 V 17.3.0	LTE – Mission Critical Communication Interworking with Land Mobile Radio Systems (3GPP TS 23.283 version 17.3.0 Release 17)	33.070.99	2022-05
ETSI TS 123286 V 17.3.0	LTE – Application layer support for Vehicle-to-Everything (V2X) services – Functional architecture and information flows (3GPP TS 23.286 version 17.3.0 Release 17)	33.070.99	2022-05
ETSI TS 123287 V 17.2.0	5G – Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123288 V 17.4.0	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 123289 V 17.1.0	5G – Mission Critical services over 5G System – Stage 2 (3GPP TS 23.289 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 123303 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based services (ProSe) – Stage 2 (3GPP TS 23.303 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123304 V 17.2.1	5G – Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 17.2.1 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123316 V 17.2.0	5G – Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123333 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 123334 V 17.1.0	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 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 123379 V 17.9.0	LTE – Functional architecture and information flows to support Mission Critical Push To Talk (MCPTT) – Stage 2 (3GPP TS 23.379 version 17.9.0 Release 17)	33.070.99	2022-05
ETSI TS 123380 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS Restoration Procedures (3GPP TS 23.380 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 123401 V 17.4.0	LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 123402 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 123434 V 17.5.0	5G – Service Enabler Architecture Layer for Verticals (SEAL) – Functional architecture and information flows (3GPP TS 23.434 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 123501 V 17.4.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 123502 V 17.4.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 123503 V 17.4.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 123527 V 17.3.1	5G – 5G System – Restoration procedures (3GPP TS 23.527 version 17.3.1 Release 17)	33.070.99	2022-05
ETSI TS 123548 V 17.2.0	5G – 5G System Enhancements for Edge Computing – Stage 2 (3GPP TS 23.548 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123554 V 17.2.0	5G – Application architecture for MSGin5G Service – Stage 2 (3GPP TS 23.554 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 123558 V 17.3.0	5G – Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 123632 V 17.1.0	LTE – 5G – User data interworking, coexistence and migration – Stage 2 (3GPP TS 23.632 version 17.1.0 Release 17)	33.070.99	2022-05
ETSI TS 123682 V 17.2.0	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 17.2.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124002 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – GSM – UMTS Public Land Mobile Network (PLMN) Access Reference Configuration (3GPP TS 24.002 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124007 V 17.3.0	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 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 124008 V 17.6.0	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 17.6.0 Release 17)	33.070.50	2022-05
ETSI TS 124011 V 17.1.0	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 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 124080 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile radio interface layer 3 supplementary services specification – Formats and coding (3GPP TS 24.080 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 124109 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details (3GPP TS 24.109 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 124141 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Presence service using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.141 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124166 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3GPP IP Multimedia Subsystem (IMS) conferencing Management Object (MO) (3GPP TS 24.166 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124167 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3GPP IMS Management Object (MO) – Stage 3 (3GPP TS 24.167 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 124173 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS Multimedia telephony communication service and supplementary services – Stage 3 (3GPP TS 24.173 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 124174 V 17.5.0	5G – Universal Mobile Telecommunications System (UMTS) – LTE – Support of multi-device and multi-identity in the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 24.174 version 17.5.0 Release 17)	33.070.50; 33.070.99	2022-05
ETSI TS 124175 V 17.0.0	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 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 124182 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT) – Protocol specification (3GPP TS 24.182 version 17.1.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124183 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 124193 V 17.4.1	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 17.4.1 Release 17)	33.070.99	2022-05
ETSI TS 124229 V 17.6.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 17.6.1 Release 17)	33.070.50	2022-05
ETSI TS 124237 V 17.1.1	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 17.1.1 Release 17)	33.070.50	2022-05
ETSI TS 124250 V 17.0.0	LTE – Protocol for Reliable Data Service – Stage 3 (3GPP TS 24.250 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 124257 V 17.0.0	5G – Uncrewed Aerial System (UAS) Application Enabler (UAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.257 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124259 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3 (3GPP TS 24.259 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124275 V 17.0.0	LTE – 5G – Management Object (MO) for Basic Communication Part (BCP) of IMS Multimedia Telephony (MMTEL) communication service (3GPP TS 24.275 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124281 V 17.6.0	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 124301 V 17.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 17.6.0 Release 17)	33.070.50	2022-05
ETSI TS 124302 V 17.4.0	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 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 124334 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) User Equipment (UE) to ProSe function protocol aspects – Stage 3 (3GPP TS 24.334 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 124341 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 124368 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access Stratum (NAS) configuration Management Object (MO) (3GPP TS 24.368 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 124371 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Web Real-Time Communications (WebRTC) access to the IP Multimedia (IM) Core Network (CN) subsystem (IMS) – Stage 3 – Protocol specification (3GPP TS 24.371 version 17.1.0 Release 17)	33.070.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124379 V 17.6.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 124380 V 17.6.0	LTE – Mission Critical Push To Talk (MCPTT) media plane control – Protocol specification (3GPP TS 24.380 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 124390 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS – Stage 3 (3GPP TS 24.390 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124391 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem (IMS) Management Object (MO) (3GPP TS 24.391 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124424 V 17.2.0	LTE – 5G – Management Object (MO) for Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (SS) (3GPP TS 24.424 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 124481 V 17.4.0	LTE – Mission Critical Services (MCS) group management – Protocol specification (3GPP TS 24.481 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 124482 V 17.1.0	LTE – Mission Critical Services (MCS) identity management – Protocol specification (3GPP TS 24.482 version 17.1.0 Release 17)	33.070.99	2022-05
ETSI TS 124483 V 17.6.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 124484 V 17.5.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 124486 V 17.3.0	LTE – 5G – Vehicle-to-Everything (V2X) Application Enabler (VAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.486 version 17.3.0 Release 17)	33.070.99	2022-05
ETSI TS 124502 V 17.5.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 124519 V 17.1.0	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 17.1.0 Release 17)	33.070.99	2022-05
ETSI TS 124526 V 17.6.0	5G – User Equipment (UE) policies for 5G System (5GS) – Stage 3 (3GPP TS 24.526 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 124535 V 17.2.0	5G – 5G System (5GS) – Device-Side Time Sensitive Networking (TSN) Translator (DS-TT) to Network-Side TSN Translator (NW-TT) protocol aspects – Stage 3 (3GPP TS 24.535 version 17.2.0 Release 17)	33.070.99	2022-05
ETSI TS 124539 V 17.4.0	5G – 5G System (5GS) – Network to TSN translator (TT) protocol aspects – Stage 3 (3GPP TS 24.539 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 124544 V 17.2.0	5G – Group Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.544 version 17.2.0 Release 17)	33.070.99	2022-05
ETSI TS 124545 V 17.2.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 17.2.0 Release 17)	33.070.99	2022-05

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ETSI TS 124547 V 17.1.0	5G – Identity management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.547 version 17.1.0 Release 17)	33.070.99	2022-05
ETSI TS 124548 V 17.0.0	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 124549 V 17.0.0	5G – Network slice capability enablement – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification – Stage 3 (3GPP TS 24.549 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124554 V 17.0.0	5G – Proximity-services (ProSe) in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.554 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124555 V 17.0.0	5G – Proximity-services (ProSe) in 5G System (5GS) – User Equipment (UE) policies – Stage 3 (3GPP TS 24.555 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124571 V 17.1.0	5G – 5G System (5GS) – Control plane Location Services (LCS) procedures – Stage 3 (3GPP TS 24.571 version 17.1.0 Release 17)	33.070.50; 33.070.99	2022-05
ETSI TS 124581 V 17.2.0	LTE – Mission Critical Video (MCVideo) media plane control – Protocol specification (3GPP TS 24.581 version 17.2.0 Release 17)	33.070.99	2022-05
ETSI TS 124582 V 17.1.0	LTE – Mission Critical Data (MCDData) media plane control – Protocol specification (3GPP TS 24.582 version 17.1.0 Release 17)	33.070.99	2022-05
ETSI TS 124587 V 17.5.0	5G – Vehicle-to-Everything (V2X) services in 5G System (5GS) – Stage 3 (3GPP TS 24.587 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 124588 V 17.0.0	5G – Vehicle-to-Everything (V2X) services in 5G System (5GS) – User Equipment (UE) policies – Stage 3 (3GPP TS 24.588 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 124604 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.604 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124611 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.611 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 124623 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (3GPP TS 24.623 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 124628 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.628 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125201 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Physical layer – general description (3GPP TS 25.201 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TS 125202 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – 7.68 Mcps Time Division Duplex (TDD) option – Overall description: Stage 2 (3GPP TS 25.202 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125211 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Physical channels and mapping of transport channels onto physical channels (FDD) (3GPP TS 25.211 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125212 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125213 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Spreading and modulation (FDD) (3GPP TS 25.213 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125214 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (FDD) (3GPP TS 25.214 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125215 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Physical layer – Measurements (FDD) (3GPP TS 25.215 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125221 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Physical channels and mapping of transport channels onto physical channels (TDD) (3GPP TS 25.221 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125222 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (TDD) (3GPP TS 25.222 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125223 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Spreading and modulation (TDD) (3GPP TS 25.223 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125224 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (TDD) (3GPP TS 25.224 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125225 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Physical layer – Measurements (TDD) (3GPP TS 25.225 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125300 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Universal Terrestrial Radio Access Network (UTRAN) – General description – Stage 2 (3GPP TS 25.300 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125301 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Radio interface protocol architecture (3GPP TS 25.301 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125302 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Services provided by the physical layer (3GPP TS 25.302 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125303 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Interlayer procedures in Connected Mode (3GPP TS 25.303 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125304 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode (3GPP TS 25.304 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125305 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Stage 2 functional specification of User Equipment (UE) positioning in UTRAN (3GPP TS 25.305 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TS 125306 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities (3GPP TS 25.306 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125307 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125308 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – High Speed Downlink Packet Access (HSDPA) – Overall description – Stage 2 (3GPP TS 25.308 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125319 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Enhanced uplink – Overall description – Stage 2 (3GPP TS 25.319 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125321 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125322 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Radio Link Control (RLC) protocol specification (3GPP TS 25.322 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125323 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 25.323 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125324 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Broadcast/Multicast Control (BMC) (3GPP TS 25.324 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125327 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – High Speed Packet Access (HSPA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band and multi-carrier configuration (3GPP TS 25.327 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125331 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125346 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Introduction of the Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN) – Stage 2 (3GPP TS 25.346 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125367 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Mobility procedures for Home Node B (HNB) – Overall description – Stage 2 (3GPP TS 25.367 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125421 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface layer 1 (3GPP TS 25.421 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 125423 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 125903 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Continuous connectivity for packet data users (3GPP TR 25.903 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 125912 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN) (3GPP TR 25.912 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TR 125929 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Continuous connectivity for packet data users – 1.28 Mcps TDD (3GPP TR 25.929 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 125992 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Multimedia Broadcast/Multicast Service (MBMS) – UTRAN/GERAN requirements (3GPP TR 25.992 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 125993 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) (3GPP TR 25.993 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 125996 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Spatial channel model for Multiple Input Multiple Output (MIMO) simulations (3GPP TR 25.996 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126071 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory speech CODEC speech processing functions – AMR speech Codec – General description (3GPP TS 26.071 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126073 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – ANSI-C code for the Adaptive Multi Rate (AMR) speech codec (3GPP TS 26.073 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126074 V 17.0.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec test sequences (3GPP TS 26.074 version 17.0.1 Release 17)	33.070.50	2022-05
ETSI TS 126077 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Minimum performance requirements for Noise Suppressor – Application to the Adaptive Multi-Rate (AMR) speech encoder (3GPP TS 26.077 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126090 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory Speech Codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Transcoding functions (3GPP TS 26.090 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126091 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory Speech Codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Error concealment of lost frames (3GPP TS 26.091 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126092 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Comfort noise aspects (3GPP TS 26.092 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126093 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory speech codec speech processing functions Adaptive Multi-Rate (AMR) speech codec – Source controlled rate operation (3GPP TS 26.093 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126094 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Voice Activity Detector (VAD) (3GPP TS 26.094 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TS 126101 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec frame structure (3GPP TS 26.101 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126102 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mandatory speech codec – Adaptive Multi-Rate (AMR) speech codec – Interface to lu, Uu and Nb (3GPP TS 26.102 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126103 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Speech codec list for GSM and UMTS (3GPP TS 26.103 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126104 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec (3GPP TS 26.104 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126110 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Codec for circuit switched multimedia telephony service – General description (3GPP TS 26.110 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126111 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Codec for circuit switched multimedia telephony service – Modifications to H.324 (3GPP TS 26.111 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126115 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Echo control for speech and multimedia services (3GPP TS 26.115 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126117 V 17.0.0	5G – 5G Media Streaming (5GMS) – Speech and audio profiles (3GPP TS 26.117 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126118 V 17.0.0	5G – Virtual Reality (VR) profiles for streaming applications (3GPP TS 26.118 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126131 V 17.1.1	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Terminal acoustic characteristics for telephony – Requirements (3GPP TS 26.131 version 17.1.1 Release 17)	33.070.50	2022-05
ETSI TS 126139 V 17.0.0	LTE – 5G – Real-time Transport Protocol (RTP) / RTP Control Protocol (RTCP) verification procedures (3GPP TS 26.139 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126140 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia Messaging Service (MMS) – Media formats and codecs (3GPP TS 26.140 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126141 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia System (IMS) Messaging and Presence – Media formats and codecs (3GPP TS 26.141 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126142 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Dynamic and Interactive Multimedia Scenes (DIMS) (3GPP TS 26.142 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126150 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Syndicated Feed Reception (SFR) within 3GPP environments – Protocols and codecs (3GPP TS 26.150 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TS 126171 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – General description (3GPP TS 26.171 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126173 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – ANSI-C code for the Adaptive Multi-Rate – Wideband (AMR-WB) speech codec (3GPP TS 26.173 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126174 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec test sequences (3GPP TS 26.174 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126177 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – 5G – Speech Enabled Services (SES) – Distributed Speech Recognition (DSR) extended advanced front-end test sequences (3GPP TS 26.177 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126179 V 17.0.0	LTE – Mission Critical Push To Talk (MCPTT) – Codecs and media handling (3GPP TS 26.179 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126190 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Transcoding functions (3GPP TS 26.190 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126191 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Error concealment of erroneous or lost frames (3GPP TS 26.191 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126192 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Comfort noise aspects (3GPP TS 26.192 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126193 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Source controlled rate operation (3GPP TS 26.193 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126194 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Voice Activity Detector (VAD) (3GPP TS 26.194 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126201 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Frame structure (3GPP TS 26.201 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126202 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Interface to Iu, Uu and Nb (3GPP TS 26.202 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126204 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – ANSI-C code (3GPP TS 26.204 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126223 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telepresence using the IP Multimedia Subsystem (IMS) – Media handling and interaction (3GPP TS 26.223 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126226 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – General description (3GPP TS 26.226 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126230 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Transmitter bit exact C-code (3GPP TS 26.230 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126231 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Minimum performance requirements (3GPP TS 26.231 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126234 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Protocols and codecs (3GPP TS 26.234 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126237 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service – Protocols (3GPP TS 26.237 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126238 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Uplink streaming (3GPP TS 26.238 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126243 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – ANSI-C code for the fixed-point distributed speech recognition extended advanced front-end (3GPP TS 26.243 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126244 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Transparent end-to-end packet switched streaming service (PSS) – 3GPP file format (3GP) (3GPP TS 26.244 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126245 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Transparent end-to-end Packet switched Streaming Service (PSS) – Timed text format (3GPP TS 26.245 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126246 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Transparent end-to-end Packet-switched Streaming Service (PSS) – 3GPP SMIL language profile (3GPP TS 26.246 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126259 V 17.0.0	5G – Subjective test methodologies for the evaluation of immersive audio systems (3GPP TS 26.259 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126260 V 17.0.0	5G – Objective test methodologies for the evaluation of immersive audio systems (3GPP TS 26.260 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126267 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – General description (3GPP TS 26.267 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126268 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – ANSI-C reference code (3GPP TS 26.268 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126269 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – Conformance testing (3GPP TS 26.269 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126273 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the fixed-point Extended Adaptive Multi-Rate – Wideband (AMR-WB+) speech codec (3GPP TS 26.273 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126274 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Audio codec processing functions – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) speech codec – Conformance testing (3GPP TS 26.274 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126281 V 17.0.0	LTE – 5G – Mission Critical Video (MCVideo) – Codecs and media handling (3GPP TS 26.281 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126290 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Audio codec processing functions – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) codec – Transcoding functions (3GPP TS 26.290 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126304 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) codec – Floating-point ANSI-C code (3GPP TS 26.304 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126307 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Presentation layer for 3GPP services (3GPP TS 26.307 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126346 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126348 V 17.0.0	LTE – 5G – Northbound Application Programming Interface (API) for Multimedia Broadcast/Multicast Service (MBMS) at the xMB reference point (3GPP TS 26.348 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126401 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General audio codec audio processing functions – Enhanced aacPlus general audio codec – General description (3GPP TS 26.401 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126402 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Additional decoder tools (3GPP TS 26.402 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126403 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Encoder specification – Advanced Audio Coding (AAC) part (3GPP TS 26.403 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126404 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Enhanced aacPlus encoder Spectral Band Replication (SBR) part (3GPP TS 26.404 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126405 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Encoder specification parametric stereo part (3GPP TS 26.405 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126406 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Conformance testing (3GPP TS 26.406 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126410 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Floating-point ANSI-C code (3GPP TS 26.410 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126411 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Fixed-point ANSI-C code (3GPP TS 26.411 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126412 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Source code for 3GP file format (3GPP TS 26.412 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126430 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Timed graphics (3GPP TS 26.430 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126441 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Codec for Enhanced Voice Services (EVS) – General overview (3GPP TS 26.441 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126442 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Codec for Enhanced Voice Services (EVS) – ANSI C code (fixed-point) (3GPP TS 26.442 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126443 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – ANSI C code (floating-point) (3GPP TS 26.443 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126444 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Test sequences (3GPP TS 26.444 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126445 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Detailed algorithmic description (3GPP TS 26.445 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126446 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Adaptive Multi-Rate – Wideband (AMR-WB) backward compatible functions (3GPP TS 26.446 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126447 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Error concealment of lost packets (3GPP TS 26.447 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126448 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Jitter Buffer Management (3GPP TS 26.448 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126449 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Comfort Noise Generation (CNG) aspects (3GPP TS 26.449 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126450 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Discontinuous Transmission (DTX) (3GPP TS 26.450 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126451 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Codec for Enhanced Voice Services (EVS) – Voice Activity Detection (VAD) (3GPP TS 26.451 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126452 V 17.0.0	5G – Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – ANSI C code – Alternative fixed-point using updated basic operators (3GPP TS 26.452 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126453 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Speech codec frame structure (3GPP TS 26.453 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126454 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Interface to lu, Uu, Nb and Mb (3GPP TS 26.454 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 126501 V 16.10.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 16.10.0 Release 16)	33.070.50	2022-05
ETSI TS 126502 V 17.0.0	5G – 5G Multicast-Broadcast User Service Architecture (3GPP TS 26.502 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126902 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Video codec performance (3GPP TR 26.902 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126903 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Improved video support for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) Services (3GPP TR 26.903 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126904 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Improved video coding support (3GPP TR 26.904 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126905 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile stereoscopic 3D video (3GPP TR 26.905 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126906 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evaluation of High Efficiency Video Coding (HEVC) for 3GPP services (3GPP TR 26.906 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126907 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – HTML5 for a new presentation layer in 3GPP services (3GPP TR 26.907 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126909 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Study on improved streaming Quality of Experience (QoE) reporting in 3GPP services and networks (3GPP TR 26.909 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 126910 V 17.0.0	LTE – 5G – Study on media handling aspects of Radio Access Network (RAN) delay budget reporting in Multimedia Telephony Service for Internet Protocol (IP) Multimedia Subsystem (IMS) (MTSI) (3GPP TR 26.910 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126911 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Codec(s) for Circuit-Switched (CS) multimedia telephony service – Terminal implementor's guide (3GPP TR 26.911 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126914 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia telephony over IP Multimedia Subsystem (IMS) – Optimization opportunities (3GPP TR 26.914 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126917 V 17.0.0	LTE – 5G – Multimedia Broadcast Multicast Services (MBMS) and Packet-switched Streaming Service (PSS) enhancements to support television services (3GPP TR 26.917 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126918 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Virtual Reality (VR) media services over 3GPP (3GPP TR 26.918 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126919 V 17.0.0	5G – Study on media handling aspects of conversational services in 5G systems (3GPP TR 26.919 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126921 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Investigations on ambient noise reproduction systems for acoustic testing of terminals (3GPP TR 26.921 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126922 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Video telephony robustness improvements extensions – Performance evaluation (3GPP TR 26.922 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126923 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Study on media handling aspects of IP Multimedia Subsystem (IMS) based telepresence (3GPP TR 26.923 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126924 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia telephony over IP Multimedia Subsystem (IMS) – Study on improved end-to-end Quality of Service (QoS) handling for Multimedia Telephony Service for IMS (MTSI) (3GPP TR 26.924 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126928 V 17.0.0	5G – Extended Reality (XR) in 5G (3GPP TR 26.928 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126929 V 17.0.0	5G – QoE parameters and metrics relevant to the Virtual Reality (VR) user experience (3GPP TR 26.929 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126931 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evaluation of Additional Acoustic Tests for Speech Telephony (3GPP TR 26.931 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126935 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Packet Switched (PS) conversational multimedia applications – Performance characterisation of default codecs (3GPP TR 26.935 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126936 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Performance characterization of 3GPP audio codecs (3GPP TR 26.936 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TR 126937 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Transparent end-to-end Packet-switched Streaming Service (PSS) – Real-time Transport Protocol (RTP) usage model (3GPP TR 26.937 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126938 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Packet-switched Streaming Service (PSS) – Improved support for dynamic adaptive streaming over HTTP in 3GPP (3GPP TR 26.938 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126939 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Guidelines on the Framework for Live Uplink Streaming (FLUS) (3GPP TR 26.939 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126943 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Recognition performance evaluations of codecs for Speech Enabled Services (SES) (3GPP TR 26.943 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126944 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – End-to-end multimedia services performance metrics (3GPP TR 26.944 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126946 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia Broadcast/Multicast Service (MBMS) user service guidelines (3GPP TR 26.946 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126947 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia Broadcast/Multicast Service (MBMS) – Selection and characterisation of application layer Forward Error Correction (FEC) (3GPP TR 26.947 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126948 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Study on video enhancements in 3GPP multimedia services (3GPP TR 26.948 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126949 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Video formats for 3GPP services (3GPP TR 26.949 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126950 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Study on Surround Sound codec extension for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) (3GPP TR 26.950 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126952 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Performance characterization (3GPP TR 26.952 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126953 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interactivity support for 3GPP-based streaming and download services (3GPP TR 26.953 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126954 V 17.0.0	LTE – 5G – Test plan for speech quality and delay through a headset electrical interface (3GPP TR 26.954 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126957 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Study on Server And Network-assisted Dynamic Adaptive Streaming over HTTP (DASH) (SAND) for 3GPP multimedia services (3GPP TR 26.957 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126959 V 17.0.0	5G – Study on enhanced Voice over LTE (VoLTE) performance (3GPP TR 26.959 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126967 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution (3GPP TR 26.967 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TR 126969 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – Characterization report (3GPP TR 26.969 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126973 V 17.0.0	5G – Update to fixed-point basic operators (3GPP TR 26.973 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126975 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Performance characterization of the Adaptive Multi-Rate (AMR) speech codec (3GPP TR 26.975 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126976 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec (3GPP TR 26.976 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126978 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase (3GPP TR 26.978 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126980 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Multimedia telephony over IP Multimedia Subsystem (IMS) – Media handling aspects of multi-stream multiparty conferencing for Multimedia Telephony Service for IMS (MTSI) (3GPP TR 26.980 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126981 V 17.0.0	LTE – 5G – MBMS Extensions for Provisioning and Content Ingestion (3GPP TR 26.981 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126985 V 17.0.0	5G – Vehicle-to-everything (V2X) – Media handling and interaction (3GPP TR 26.985 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126989 V 17.0.0	LTE – 5G – Mission Critical Push To Talk (MCPTT) – Media, codecs and Multimedia Broadcast/Multicast Service (MBMS) enhancements for MCPTT over LTE (3GPP TR 26.989 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 126999 V 17.0.0	5G – LTE – Virtual Reality (VR) streaming interoperability and characterization (3GPP TR 26.999 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 127007 V 17.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – AT command set for User Equipment (UE) (3GPP TS 27.007 version 17.5.0 Release 17)	33.070.50	2022-05
ETSI TS 128062 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Inband Tandem Free Operation (TFO) of speech codecs – Service description – Stage 3 (3GPP TS 28.062 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128100 V 17.0.0	5G – Management and orchestration – Levels of autonomous network (3GPP TS 28.100 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128310 V 17.3.0	5G – LTE – Management and orchestration – Energy efficiency of 5G (3GPP TS 28.310 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 128313 V 17.4.0	5G – Management and orchestration – Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 128314 V 17.0.0	5G – Management and orchestration – Plug and Connect – Concepts and requirements (3GPP TS 28.314 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128315 V 17.0.0	5G – Management and orchestration – Plug and Connect – Procedure flows (3GPP TS 28.315 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128316 V 17.0.0	5G – Management and orchestration – Plug and Connect – Data formats (3GPP TS 28.316 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TS 128404 V 17.1.0	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 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 128405 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Quality of Experience (QoE) measurement collection – Control and configuration (3GPP TS 28.405 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 128530 V 17.2.0	5G – Management and orchestration – Concepts, use cases and requirements (3GPP TS 28.530 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 128531 V 17.3.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 128532 V 17.0.0	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128533 V 17.2.0	5G – Management and orchestration – Architecture framework (3GPP TS 28.533 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 128535 V 17.4.0	5G – LTE – Management and orchestration – Management services for communication service assurance – Requirements (3GPP TS 28.535 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 128536 V 17.2.0	LTE – 5G – Management and orchestration – Management services for communication service assurance – Stage 2 and stage 3 (3GPP TS 28.536 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 128537 V 17.2.0	5G – Management and orchestration – Management capabilities (3GPP TS 28.537 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 128538 V 17.0.0	5G – Management and orchestration – Edge Computing Management (3GPP TS 28.538 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128540 V 17.2.0	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 1 (3GPP TS 28.540 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 128541 V 16.12.2	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 16.12.2 Release 16)	33.070.50	2022-05
ETSI TS 128545 V 17.0.0	5G – Management and orchestration – Fault Supervision (FS) (3GPP TS 28.545 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128552 V 17.6.0	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 17.6.0 Release 17)	33.070.50	2022-05
ETSI TS 128554 V 17.6.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 17.6.0 Release 17)	33.070.50	2022-05
ETSI TS 128555 V 17.0.0	5G – Management and orchestration – Network policy management for 5G mobile networks – Stage 1 (3GPP TS 28.555 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128556 V 17.0.0	5G – Management and orchestration – Network policy management for 5G mobile networks – Stage 2 and stage 3 (3GPP TS 28.556 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128557 V 17.0.0	5G – Management and orchestration – Management of Non-Public Networks (NPN) – Stage 1 and stage 2 (3GPP TS 28.557 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 128622 V 17.1.1	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 17.1.1 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128623 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 128658 V 17.0.0	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 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129002 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 129060 V 17.2.0	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 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 129061 V 17.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 17.6.0 Release 17)	33.070.50	2022-05
ETSI TS 129079 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129116 V 17.1.0	LTE – 5G – Representational state transfer over xMB reference point between content provider and BM-SC (3GPP TS 29.116 version 17.1.0 Release 17)	33.070.99	2022-05
ETSI TS 129122 V 17.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129155 V 17.0.0	LTE – Traffic steering control – Representational State Transfer (REST) over St reference point (3GPP TS 29.155 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 129162 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129163 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129165 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129168 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Cell Broadcast Centre interfaces with the Evolved Packet Core – Stage 3 (3GPP TS 29.168 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 129171 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129201 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC) (3GPP TS 29.201 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129212 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 129213 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 129214 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and charging control over Rx reference point (3GPP TS 29.214 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129222 V 17.4.0	5G – LTE – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129228 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Cx and Dx Interfaces – Signalling flows and message contents (3GPP TS 29.228 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 129229 V 17.1.0	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 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 129230 V 17.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 129232 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Media Gateway Controller (MGC) – Media Gateway (MGW) interface – Stage 3 (3GPP TS 29.232 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129235 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129238 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129240 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Stage 3 – Network (3GPP TS 29.240 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129244 V 17.4.0	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129251 V 17.2.0	LTE – Gw and Gwn reference point for sponsored data connectivity (3GPP TS 29.251 version 17.2.0 Release 17)	33.070.99	2022-05
ETSI TS 129255 V 17.0.0	5G – Uncrewed Aerial System Service Supplier (USS) Services – Stage 3 (3GPP TS 29.255 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129256 V 17.0.0	5G – Uncrewed Aerial Systems Network Function (UAS-NF) – Aerial Management Services – Stage 3 (3GPP TS 29.256 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129257 V 17.0.0	5G – Application layer support for Uncrewed Aerial System (UAS) – UAS Application Enabler (UAE) Server Services – Stage 3 (3GPP TS 29.257 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129272 V 17.2.0	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 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 129273 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 129274 V 17.5.0	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 17.5.0 Release 17)	33.070.50	2022-05
ETSI TS 129281 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 129292 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129303 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Domain Name System Procedures – Stage 3 (3GPP TS 29.303 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129309 V 17.0.0	5G – Bootstrapping Server Function (GBA BSF) Services (3GPP TS 29.309 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129328 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129332 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Media Gateway Control Function (MGCF) – IM Media Gateway – Mn interface (3GPP TS 29.332 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129333 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface – Stage 3 (3GPP TS 29.333 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129334 V 17.1.0	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 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 129335 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – User Data Convergence (UDC) – User data repository access protocol over the Ud interface – Stage 3 (3GPP TS 29.335 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129336 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – Home Subscriber Server (HSS) diameter interfaces for interworking with packet data networks and applications (3GPP TS 29.336 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129338 V 17.0.0	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 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129379 V 17.4.0	LTE – 5G – Mission Critical Push To Talk (MCPTT) call control interworking with Land Mobile Radio (LMR) systems – Stage-3 (3GPP TS 29.379 version 17.4.0 Release 17)	33.070.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129380 V 17.0.0	LTE – 5G – Mission Critical Push To Talk (MCPTT) media plane control interworking with Land Mobile Radio (LMR) systems – Stage 3 (3GPP TS 29.380 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 129468 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Group Communication System Enablers for LTE (GCSE LTE) – MB2 reference point – Stage 3 (3GPP TS 29.468 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 129486 V 17.4.0	LTE – 5G – V2X Application Enabler (VAE) Services – Stage 3 (3GPP TS 29.486 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129500 V 17.6.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129501 V 17.5.0	5G – 5G System – Principles and Guidelines for Services Definition – Stage 3 (3GPP TS 29.501 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129502 V 17.4.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129503 V 17.6.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129504 V 17.6.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129505 V 17.6.0	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129507 V 16.11.0	5G – 5G System – Access and Mobility Policy Control Service – Stage 3 (3GPP TS 29.507 version 16.11.0 Release 16)	33.070.99	2022-05
ETSI TS 129507 V 17.6.0	5G – 5G System – Access and Mobility Policy Control Service – Stage 3 (3GPP TS 29.507 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129508 V 17.6.0	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129510 V 17.5.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129511 V 17.2.0	5G – 5G System – Equipment Identity Register Services – Stage 3 (3GPP TS 29.511 version 17.2.0 Release 17)	33.070.99	2022-05
ETSI TS 129512 V 17.6.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129513 V 17.6.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129514 V 17.4.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129515 V 17.4.0	5G – 5G System – Gateway Mobile Location Services – Stage 3 (3GPP TS 29.515 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129517 V 17.5.0	5G – 5G System – Application Function Event Exposure Service – Stage 3 (3GPP TS 29.517 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129518 V 17.5.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129519 V 17.6.0	5G – 5G System – Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure – Stage 3 (3GPP TS 29.519 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129520 V 17.6.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129521 V 17.4.0	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129522 V 17.5.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 17.5.0 Release 17)	33.070.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129523 V 17.6.0	5G – 5G System – Policy Control Event Exposure Service – Stage 3 (3GPP TS 29.523 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129524 V 17.3.0	5G – 5G System – Cause codes mapping between 5GC interfaces – Stage 3 (3GPP TS 29.524 version 17.3.0 Release 17)	33.070.99	2022-05
ETSI TS 129525 V 17.6.0	5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129526 V 17.4.0	5G – 5G System – Network Slice-Specific and SNPN Authentication and Authorization services – Stage 3 (3GPP TS 29.526 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129531 V 17.4.0	5G – 5G System – Network Slice Selection Services – Stage 3 (3GPP TS 29.531 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129532 V 17.0.0	5G – 5G System – 5G Multicast-Broadcast Session Management Services – Stage 3 (3GPP TS 29.532 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129534 V 17.0.0	5G – 5G System – Access and Mobility Policy Authorization Service – Stage 3 (3GPP TS 29.534 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129535 V 17.4.0	5G – 5G System – AKMA Anchor Services – Stage 3 (3GPP TS 29.535 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 129536 V 17.0.0	5G – 5G System – Network Slice Admission Control Services – Stage 3 (3GPP TS 29.536 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129538 V 17.0.0	5G – Enabling MSGin5G Service – Application Programming Interfaces (API) specification – Stage 3 (3GPP TS 29.538 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129540 V 17.4.0	5G – 5G System – SMS Services – Stage 3 (3GPP TS 29.540 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129541 V 17.2.0	LTE – 5G – 5G System – Network Exposure (NE) function services for Non-IP Data Delivery (NIDD) – Stage 3 (3GPP TS 29.541 version 17.2.0 Release 17)	33.070.99	2022-05
ETSI TS 129542 V 17.3.0	LTE – 5G – 5G System – Session management services for Non-IP Data Delivery (NIDD) – Stage 3 (3GPP TS 29.542 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129544 V 17.2.0	5G – 5G System – Secured Packet Application Function (SP-AF) services – Stage 3 (3GPP TS 29.544 version 17.2.0 Release 17)	33.070.99	2022-05
ETSI TS 129549 V 17.4.0	5G – LTE – Service Enabler Architecture Layer for Verticals (SEAL) – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.549 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129550 V 17.3.0	5G – 5G System – Steering of roaming application function services – Stage 3 (3GPP TS 29.550 version 17.3.0 Release 17)	33.070.99	2022-05
ETSI TS 129551 V 17.6.0	5G – 5G System – Packet Flow Description Management Service – Stage 3 (3GPP TS 29.551 version 17.6.0 Release 17)	33.070.99	2022-05
ETSI TS 129552 V 17.0.0	5G – 5G System – Network Data Analytics signalling flows – Stage 3 (3GPP TS 29.552 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129554 V 17.3.0	5G – 5G System – Background Data Transfer Policy Control Service – Stage 3 (3GPP TS 29.554 version 17.3.0 Release 17)	33.070.99	2022-05
ETSI TS 129555 V 17.0.0	5G – 5G System – 5G Direct Discovery Name Management Services – Stage 3 (3GPP TS 29.555 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129556 V 17.0.0	5G – Edge Application Server Discovery Services – Stage 3 (3GPP TS 29.556 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129557 V 17.0.0	5G – 5G System – Application Function ProSe Service – Stage 3 (3GPP TS 29.557 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129561 V 17.5.0	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129562 V 17.4.0	5G – 5G System – Home Subscriber Server (HSS) services – Stage 3 (3GPP TS 29.562 version 17.4.0 Release 17)	33.070.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129563 V 17.4.0	5G – 5G System – Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM) – Stage 3 (3GPP TS 29.563 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129564 V 17.0.0	5G – 5G System – User Plane Function Services – Stage 3 (3GPP TS 29.564 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129571 V 17.5.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129572 V 17.4.0	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129573 V 17.4.0	5G – 5G System – Public Land Mobile Network (PLMN) Interconnection – Stage 3 (3GPP TS 29.573 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 129574 V 17.0.0	5G – 5G System – Data Collection Coordination Services – Stage 3 (3GPP TS 29.574 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129575 V 17.0.0	5G – 5G System – Analytics Data Repository Services – Stage 3 (3GPP TS 29.575 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129576 V 17.0.0	5G – 5G System – Messaging Framework Adaptor Services – Stage 3 (3GPP TS 29.576 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129582 V 17.3.0	LTE – 5G – Mission Critical Data (MCData) interworking with Land Mobile Radio (LMR) systems – Stage 3 (3GPP TS 29.582 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129591 V 17.5.0	5G – 5G System – Network Exposure Function Southbound Services – Stage 3 (3GPP TS 29.591 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129594 V 17.3.0	5G – 5G System – Spending Limit Control Service – Stage 3 (3GPP TS 29.594 version 17.3.0 Release 17)	33.070.99	2022-05
ETSI TS 129598 V 17.5.0	5G – Unstructured data storage services (3GPP TS 29.598 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 129641 V 17.0.0	5G – 3GPP Registry for Service Names and Port Numbers (3GPP TS 29.641 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 129673 V 17.3.0	LTE – 5G – 5G System – UE radio capability management services – Stage 3 (3GPP TS 29.673 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 129675 V 17.5.0	LTE – 5G – User Equipment (UE) radio capability provisioning service – Stage 3 (3GPP TS 29.675 version 17.5.0 Release 17)	33.070.50	2022-05
ETSI TR 129941 V 17.1.0	5G – Guidelines on Port Allocation for New 3GPP Interfaces (3GPP TR 29.941 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 131102 V 16.10.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 16.10.0 Release 16)	33.070.50	2022-05
ETSI TS 131103 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Characteristics of the IP Multimedia Services Identity Module (ISIM) application (3GPP TS 31.103 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 131111 V 17.3.0	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 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 131121 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.7.0 Release 16)	33.070.50	2022-05

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ETSI TS 131124 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 16.7.0 Release 16)	33.070.50	2022-05
ETSI TS 132130 V 17.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Network sharing – Concepts and requirements (3GPP TS 32.130 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 132156 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132160 V 17.3.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 132240 V 17.5.0	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 17.5.0 Release 17)	33.070.50	2022-05
ETSI TS 132250 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Circuit Switched (CS) domain charging (3GPP TS 32.250 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132251 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging (3GPP TS 32.251 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132254 V 17.0.0	LTE – 5G – Telecommunication management – Charging management – Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132255 V 17.5.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 17.5.0 Release 17)	33.070.50	2022-05
ETSI TS 132260 V 17.2.0	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 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 132272 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Push-to-talk over Cellular (PoC) charging (3GPP TS 32.272 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132274 V 17.0.0	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 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132275 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 132277 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Proximity-based Services (ProSe) charging (3GPP TS 32.277 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 132281 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Announcement service (3GPP TS 32.281 version 17.1.0 Release 17)	33.070.50	2022-05

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ETSI TS 132290 V 17.4.0	5G – Telecommunication management – Charging management – 5G system – Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 132291 V 17.2.0	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 132295 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) transfer (3GPP TS 32.295 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132298 V 17.2.0	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 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 132299 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132421 V 17.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 132422 V 17.6.1	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 17.6.1 Release 17)	33.070.50	2022-05
ETSI TS 132423 V 17.3.0	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 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 132425 V 17.1.0	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 132601 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Requirements (3GPP TS 32.601 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132602 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.602 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132606 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.606 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132611 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP): Requirements (3GPP TS 32.611 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TS 132612 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.612 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132616 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.616 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132661 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Requirements (3GPP TS 32.661 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132662 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Information Service (IS) (3GPP TS 32.662 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132666 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.666 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 132690 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) – Requirements (3GPP TS 32.690 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 132901 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Study on User Data Convergence (UDC) information model handling and provisioning: Example use cases (3GPP TR 32.901 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 132972 V 17.0.0	5G – Telecommunication management – Study on system and functional aspects of energy efficiency in 5G networks (3GPP TR 32.972 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133102 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – 3G security – Security architecture (3GPP TS 33.102 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133117 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Catalogue of general security assurance requirements (3GPP TS 33.117 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133126 V 17.2.0	LTE – 5G – Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Lawful Interception requirements (3GPP TS 33.126 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 133127 V 17.4.0	LTE – 5G – Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 133128 V 17.4.0	LTE – 5G – Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 17.4.0 Release 17)	33.070.50	2022-05
ETSI TS 133163 V 17.0.0	LTE – 5G – Battery Efficient Security for very low throughput Machine Type Communication (MTC) devices (BEST) (3GPP TS 33.163 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133180 V 17.6.0	LTE – Security of the Mission Critical (MC) service (3GPP TS 33.180 version 17.6.0 Release 17)	33.070.50	2022-05

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ETSI TS 133203 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Access security for IP-based services (3GPP TS 33.203 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133210 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – IP network layer security (3GPP TS 33.210 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133220 V 17.2.0	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 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 133222 V 17.1.0	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 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133223 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) Push function (3GPP TS 33.223 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133226 V 17.1.0	LTE – 5G – Security assurance for IP Multimedia Subsystem (IMS) (3GPP TS 33.226 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133256 V 17.0.0	5G – Security aspects of Uncrewed Aerial Systems (UAS) (3GPP TS 33.256 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133303 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based Services (ProSe) – Security aspects (3GPP TS 33.303 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133310 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 133326 V 17.0.0	5G – Security Assurance Specification (SCAS) for the Network Slice-Specific Authentication and Authorization Function (NSSAAF) network product class (3GPP TS 33.326 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133328 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) media plane security (3GPP TS 33.328 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133401 V 17.1.0	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 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133501 V 17.5.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 17.5.0 Release 17)	33.070.50	2022-05
ETSI TS 133511 V 17.1.0	5G – Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133512 V 17.3.0	5G – 5G Security Assurance Specification (SCAS) – Access and Mobility management Function (AMF) (3GPP TS 33.512 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 133513 V 17.0.0	5G – 5G Security Assurance Specification (SCAS) – User Plane Function (UPF) (3GPP TS 33.513 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133514 V 17.0.0	5G – 5G Security Assurance Specification (SCAS) for the Unified Data Management (UDM) network product class (3GPP TS 33.514 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 133517 V 17.0.0	5G – 5G Security Assurance Specification (SCAS) for the Security Edge Protection Proxy (SEPP) network product class (3GPP TS 33.517 version 17.0.0 Release 17)	33.070.50	2022-05

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ETSI TS 133521 V 17.1.0	5G – 5G Security Assurance Specification (SCAS) – Network Data Analytics Function (NWDAF) (3GPP TS 33.521 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133522 V 17.1.0	5G – 5G Security Assurance Specification (SCAS) – Service Communication Proxy (SCP) (3GPP TS 33.522 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 133535 V 17.5.0	5G – Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS) (3GPP TS 33.535 version 17.5.0 Release 17)	33.070.50	2022-05
ETSI TS 133558 V 17.0.0	5G – Security aspects of enhancement of support for enabling edge applications (3GPP TS 33.558 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 133926 V 17.3.0	LTE – 5G – Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 17.3.0 Release 17)	33.070.50	2022-05
ETSI TS 134109 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – Terminal logical test interface – Special conformance testing functions (3GPP TS 34.109 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 134123-1 V 15.5.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 15.5.0 Release 15)	33.070.50	2022-05
ETSI TS 134123-2 V 15.3.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 15.3.0 Release 15)	33.070.50	2022-05
ETSI TS 134229-1 V 16.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 16.1.0 Release 16)	33.070.50	2022-05
ETSI TS 134229-2 V 16.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 16.2.0 Release 16)	33.070.50	2022-05
ETSI TS 134229-3 V 16.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 16.5.0 Release 16)	33.070.50	2022-05
ETSI TS 134229-5 V 16.2.0	5G – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 5: Protocol conformance specification using 5G System (5GS) (3GPP TS 34.229-5 version 16.2.0 Release 16)	33.070.50	2022-05
ETSI TS 136101 V 14.22.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.22.0 Release 14)	33.070.50; 33.070.99	2022-05
ETSI TS 136101 V 15.18.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.18.0 Release 15)	33.070.50; 33.070.99	2022-05
ETSI TS 136101 V 16.13.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.13.0 Release 16)	33.070.50; 33.070.99	2022-05
ETSI TS 136101 V 17.5.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 17.5.0 Release 17)	33.070.50; 33.070.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136133 V 14.21.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 14.21.0 Release 14)	33.070.50; 33.070.99	2022-05
ETSI TS 136211 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 136213 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 136300 V 15.13.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 15.13.0 Release 15)	33.070.50	2022-05
ETSI TS 136300 V 16.8.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 16.8.0 Release 16)	33.070.50	2022-05
ETSI TS 136300 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136302 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Services provided by the physical layer (3GPP TS 36.302 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136304 V 15.8.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 15.8.0 Release 15)	33.070.50	2022-05
ETSI TS 136304 V 16.7.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 16.7.0 Release 16)	33.070.50	2022-05
ETSI TS 136304 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136305 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136306 V 16.8.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 16.8.0 Release 16)	33.070.50	2022-05
ETSI TS 136306 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136314 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Layer 2 – Measurements (3GPP TS 36.314 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136321 V 16.7.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 16.7.0 Release 16)	33.070.50	2022-05
ETSI TS 136321 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136322 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Link Control (RLC) protocol specification (3GPP TS 36.322 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136323 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136331 V 15.17.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 15.17.0 Release 15)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136331 V 16.8.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 16.8.0 Release 16)	33.070.50	2022-05
ETSI TS 136331 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136355 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136360 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE-WLAN Aggregation Adaptation Protocol (LWAAP) specification (3GPP TS 36.360 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 136361 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE-WLAN Radio Level Integration Using Ipsec Tunnel (LWIP) encapsulation – Protocol specification (3GPP TS 36.361 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 136401 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description (3GPP TS 36.401 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136410 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 general aspects and principles (3GPP TS 36.410 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136411 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 layer 1 (3GPP TS 36.411 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136412 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 signalling transport (3GPP TS 36.412 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136413 V 15.11.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 15.11.0 Release 15)	33.070.50	2022-05
ETSI TS 136413 V 16.9.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.9.0 Release 16)	33.070.50	2022-05
ETSI TS 136413 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136414 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 data transport (3GPP TS 36.414 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136420 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 general aspects and principles (3GPP TS 36.420 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136421 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 layer 1 (3GPP TS 36.421 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136422 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 signalling transport (3GPP TS 36.422 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136423 V 15.13.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 15.13.0 Release 15)	33.070.50	2022-05
ETSI TS 136423 V 16.9.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.9.0 Release 16)	33.070.50	2022-05
ETSI TS 136423 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136424 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 data transport (3GPP TS 36.424 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136425 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 interface user plane protocol (3GPP TS 36.425 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 136440 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.440 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136441 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Layer 1 for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.441 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136442 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Signalling Transport for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.442 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136443 V 17.0.1	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M2 Application Protocol (M2AP) (3GPP TS 36.443 version 17.0.1 Release 17)	33.070.50	2022-05
ETSI TS 136444 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M3 Application Protocol (M3AP) (3GPP TS 36.444 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136445 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M1 data transport (3GPP TS 36.445 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136455 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol A (LPPa) (3GPP TS 36.455 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136456 V 17.0.1	Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLM interface general aspects and principles (3GPP TS 36.456 version 17.0.1 Release 17)	33.070.50	2022-05
ETSI TS 136457 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLM interface layer 1 (3GPP TS 36.457 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136458 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLM interface signalling transport (3GPP TS 36.458 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136459 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLM interface Application Protocol (SLM-AP) (3GPP TS 36.459 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136461 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN) – Xw layer 1 (3GPP TS 36.461 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 136462 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN) – Xw signalling transport (3GPP TS 36.462 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 136463 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN) – Xw application protocol (Xw-AP) (3GPP TS 36.463 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 136464 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN) – Xw data transport (3GPP TS 36.464 version 17.0.0 Release 17)	33.070.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136508 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 136509 V 16.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 16.2.0 Release 16)	33.070.50	2022-05
ETSI TS 136509 V 17.0.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 136521-2 V 16.12.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 16.12.0 Release 16)	33.070.50	2022-05
ETSI TS 136521-3 V 16.11.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 16.11.0 Release 16)	33.070.50	2022-05
ETSI TS 136523-1 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 136523-2 V 17.1.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 136523-3 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 17.2.0 Release 17)	33.070.50	2022-05
ETSI TS 136579-1 V 15.5.0	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 15.5.0 Release 15)	33.070.99	2022-05
ETSI TS 136579-2 V 15.3.0	LTE – Mission Critical (MC) services over LTE – Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 15.3.0 Release 15)	33.070.99	2022-05
ETSI TS 136579-4 V 15.3.0	LTE – Mission Critical (MC) services over LTE – Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 15.3.0 Release 15)	33.070.99	2022-05
ETSI TS 136579-5 V 14.6.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 14.6.0 Release 14)	33.070.99	2022-05
ETSI TS 136579-6 V 15.2.0	LTE – Mission Critical (MC) services over LTE – Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 15.2.0 Release 15)	33.070.99	2022-05
ETSI TS 136579-7 V 15.2.1	LTE – Mission Critical (MC) services over LTE – Part 7: Mission Critical Data (MCData) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-7 version 15.2.1 Release 15)	33.070.99	2022-05
ETSI TR 136913 V 17.0.0	LTE – Requirements for further advancements for Evolved Universal Terrestrial Radio Access (E-UTRA) (LTE-Advanced) (3GPP TR 36.913 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 136932 V 17.0.0	LTE – Scenarios and requirements for small cell enhancements for E-UTRA and E-UTRAN (3GPP TR 36.932 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 137320 V 16.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Radio measurement collection for Minimization of Drive Tests (MDT) – Overall description – Stage 2 (3GPP TS 37.320 version 16.8.0 Release 16)	33.070.50	2022-05
ETSI TS 137320 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Radio measurement collection for Minimization of Drive Tests (MDT) – Overall description – Stage 2 (3GPP TS 37.320 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 137324 V 17.0.0	LTE – 5G – Evolved Universal Terrestrial Radio Access (E-UTRA) and NR – Service Data Adaptation Protocol (SDAP) specification (3GPP TS 37.324 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 137340 V 15.16.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 15.16.0 Release 15)	33.070.99	2022-05
ETSI TS 137340 V 16.9.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 16.9.0 Release 16)	33.070.99	2022-05
ETSI TS 137340 V 17.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 137355 V 15.3.0	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 15.3.0 Release 15)	33.070.50	2022-05
ETSI TS 137355 V 16.8.0	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 16.8.0 Release 16)	33.070.50	2022-05
ETSI TS 137355 V 17.0.0	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 137571-1 V 16.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 16.12.0 Release 16)	33.070.50	2022-05
ETSI TS 137571-2 V 16.11.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 2: Protocol conformance (3GPP TS 37.571-2 version 16.11.0 Release 16)	33.070.50	2022-05
ETSI TS 137571-3 V 16.11.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 16.11.0 Release 16)	33.070.50	2022-05
ETSI TS 137571-4 V 16.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 16.5.0 Release 16)	33.070.50	2022-05
ETSI TR 137901-5 V 16.7.0	5G – Study on 5G NR User Equipment (UE) application layer data throughput performance (3GPP TR 37.901-5 version 16.7.0 Release 16)	33.070.99	2022-05
ETSI TR 137910 V 17.0.0	5G – Study on self evaluation towards IMT-2020 submission (3GPP TR 37.910 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 138101-1 V 15.17.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.17.0 Release 15)	33.070.99	2022-05
ETSI TS 138101-1 V 16.11.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.11.0 Release 16)	33.070.99	2022-05
ETSI TS 138101-1 V 17.5.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 138101-3 V 15.17.0	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 15.17.0 Release 15)	33.070.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138101-3 V 16.11.0	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 16.11.0 Release 16)	33.070.99	2022-05
ETSI TS 138101-3 V 17.5.0	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 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 138133 V 15.17.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.17.0 Release 15)	33.070.99	2022-05
ETSI TS 138133 V 16.11.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.11.0 Release 16)	33.070.99	2022-05
ETSI TS 138133 V 17.5.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 17.5.0 Release 17)	33.070.99	2022-05
ETSI TS 138141-2 V 15.13.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.13.0 Release 15)	33.070.99	2022-05
ETSI TS 138201 V 17.0.0	5G – NR – Physical layer – General description (3GPP TS 38.201 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138213 V 17.1.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 17.1.0 Release 17)	33.070.99	2022-05
ETSI TS 138214 V 17.1.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 17.1.0 Release 17)	33.070.99	2022-05
ETSI TS 138300 V 17.0.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138304 V 17.0.0	5G – NR – User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138305 V 17.0.0	5G – NG Radio Access Network (NG-RAN) – Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138306 V 16.8.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.8.0 Release 16)	33.070.99	2022-05
ETSI TS 138306 V 17.0.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138307 V 15.10.0	5G – NR – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 15.10.0 Release 15)	33.070.99	2022-05
ETSI TS 138314 V 17.0.0	5G – NR – Layer 2 measurements (3GPP TS 38.314 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138321 V 15.13.0	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 15.13.0 Release 15)	33.070.99	2022-05
ETSI TS 138321 V 16.8.0	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.8.0 Release 16)	33.070.99	2022-05
ETSI TS 138321 V 17.0.0	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138322 V 17.0.0	5G – NR – Radio Link Control (RLC) protocol specification (3GPP TS 38.322 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138323 V 17.0.0	5G – NR – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138331 V 15.17.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 15.17.0 Release 15)	33.070.99	2022-05
ETSI TS 138331 V 16.8.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 16.8.0 Release 16)	33.070.99	2022-05
ETSI TS 138331 V 17.0.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 17.0.0 Release 17)	33.070.99	2022-05

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ETSI TS 138340 V 17.0.0	5G – NR – Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138351 V 17.0.0	5G – NR – Sidelink Relay Adaptation Protocol (SRAP) Specification (3GPP TS 38.351 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 138401 V 16.9.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 16.9.0 Release 16)	33.070.99	2022-05
ETSI TS 138401 V 17.0.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138410 V 17.0.0	5G – NG-RAN – NG general aspects and principles (3GPP TS 38.410 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138413 V 16.9.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.9.0 Release 16)	33.070.99	2022-05
ETSI TS 138413 V 17.0.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138415 V 17.0.0	5G – NG-RAN – PDU session user plane protocol (3GPP TS 38.415 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138420 V 17.0.0	5G – NG-RAN – Xn general aspects and principles (3GPP TS 38.420 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138423 V 15.15.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.15.0 Release 15)	33.070.99	2022-05
ETSI TS 138423 V 16.9.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.9.0 Release 16)	33.070.99	2022-05
ETSI TS 138423 V 17.0.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138425 V 17.0.0	5G – NG-RAN – NR user plane protocol (3GPP TS 38.425 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138455 V 16.7.1	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 16.7.1 Release 16)	33.070.99	2022-05
ETSI TS 138455 V 17.0.0	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138460 V 16.5.0	5G – NG-RAN – E1 general aspects and principles (3GPP TS 38.460 version 16.5.0 Release 16)	33.070.99	2022-05
ETSI TS 138460 V 17.0.0	5G – NG-RAN – E1 general aspects and principles (3GPP TS 38.460 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138461 V 17.0.0	5G – NG-RAN – E1 layer 1 (3GPP TS 38.461 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138462 V 17.0.0	5G – NG-RAN – E1 signalling transport (3GPP TS 38.462 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138463 V 15.10.0	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.10.0 Release 15)	33.070.99	2022-05
ETSI TS 138463 V 16.9.0	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.9.0 Release 16)	33.070.99	2022-05
ETSI TS 138463 V 17.0.0	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138470 V 16.6.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 16.6.0 Release 16)	33.070.99	2022-05
ETSI TS 138470 V 17.0.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138473 V 16.9.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.9.0 Release 16)	33.070.99	2022-05
ETSI TS 138473 V 17.0.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.0.0 Release 17)	33.070.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138508-2 V 17.4.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 2: Common Implementation Conformance Statement (ICS) proforma (3GPP TS 38.508-2 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 138509 V 15.12.0	5G – LTE – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 15.12.0 Release 15)	33.070.99	2022-05
ETSI TS 138509 V 16.4.0	5G – LTE – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 16.4.0 Release 16)	33.070.99	2022-05
ETSI TS 138509 V 17.0.0	5G – LTE – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 17.0.0 Release 17)	33.070.99	2022-05
ETSI TS 138521-3 V 17.4.0	5G – NR – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.521-3 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 138522 V 17.4.0	5G – NR – User Equipment (UE) conformance specification – Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TS 138523-2 V 16.11.06	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 16.11.0 Release 16)	33.070.99	2022-05
ETSI TS 138523-3 V 17.2.0	5G – LTE – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 17.2.0 Release 17)	33.070.99	2022-05
ETSI TR 138903 V 16.11.0	5G – NR – Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 16.11.0 Release 16)	33.070.99	2022-05
ETSI TR 138905 V 17.4.0	5G – NR – Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 17.4.0 Release 17)	33.070.99	2022-05
ETSI TR 138912 V 17.0.0	5G – Study on New Radio (NR) access technology (3GPP TR 38.912 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 138913 V 17.0.0	5G – Study on scenarios and requirements for next generation access technologies (3GPP TR 38.913 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 138921 V 17.1.0	5G – Study on International Mobile Telecommunications (IMT) parameters for 6.425 – 7.025 GHz, 7.025 – 7.125 GHz and 10.0 – 10.5 GHz (3GPP TR 38.921 version 17.1.0 Release 17)	33.070.50	2022-05
ETSI TS 143013 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Discontinuous Reception (DRX) in the GSM system (3GPP TS 43.013 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143022 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Functions related to Mobile Station (MS) in idle mode and group receive mode (3GPP TS 43.022 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 143026 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Multiband operation of GSM / DCS 1800 by a single operator (3GPP TR 43.026 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 143030 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Radio network planning aspects (3GPP TR 43.030 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143050 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system (3GPP TS 43.050 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 143051 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Overall description – Stage 2 (3GPP TS 43.051 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143052 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM Cordless Telephony System (CTS), Phase 1 – Lower Layers of the CTS Radio Interface, Stage 2 (3GPP TS 43.052 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143055 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Dual Transfer Mode (DTM) – Stage 2 (3GPP TS 43.055 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 143058 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) (3GPP TR 43.058 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143059 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Functional stage 2 description of Location Services (LCS) in GERAN (3GPP TS 43.059 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143064 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – General Packet Radio Service (GPRS) – Overall description of the GPRS radio interface – Stage 2 (3GPP TS 43.064 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143129 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Packet-switched handover for GERAN A/Gb mode – Stage 2 (3GPP TS 43.129 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143130 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Iur-g interface – Stage 2 (3GPP TS 43.130 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143246 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Multimedia Broadcast/Multicast Service (MBMS) in the GERAN – Stage 2 (3GPP TS 43.246 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 143318 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Generic Access Network (GAN) – Stage 2 (3GPP TS 43.318 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 143901 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Feasibility Study on generic access to A/Gb interface (3GPP TR 43.901 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 143902 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Enhanced Generic Access Networks (EGAN) study (3GPP TR 43.902 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 143903 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – A-interface over IP study (AINTIP) (3GPP TR 43.903 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144003 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station – Base Station System (MS – BSS) Interface Channel Structures and Access Capabilities (3GPP TS 44.003 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144004 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Layer 1 – General Requirements (3GPP TS 44.004 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144005 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Data Link (DL) Layer – General aspects (3GPP TS 44.005 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144006 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station – Base Station System (MS – BSS) interface – Data Link (DL) layer specification (3GPP TS 44.006 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144012 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Short Message Service Cell Broadcast (SMSCB) support on the mobile radio interface (3GPP TS 44.012 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 144014 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Individual equipment type requirements and interworking – Special GSM/EDGE conformance testing functions (3GPP TS 44.014 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144018 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile radio interface layer 3 specification – GSM/EDGE Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144031 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Location Services (LCS) – Mobile Station (MS) – Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) (3GPP TS 44.031 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144035 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Location Services (LCS) – Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods (3GPP TS 44.035 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144060 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144071 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Location Services (LCS) – Mobile radio interface layer 3 LCS specification (3GPP TS 44.071 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 144318 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Generic Access Network (GAN) – Mobile GAN interface layer 3 specification (3GPP TS 44.318 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 144901 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE External Network Assisted Cell Change (NACC) (3GPP TR 44.901 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145001 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Physical layer on the radio path – General description (3GPP TS 45.001 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145002 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145003 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Channel coding (3GPP TS 45.003 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145004 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Modulation (3GPP TS 45.004 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145005 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Radio transmission and reception (3GPP TS 45.005 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145008 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Radio subsystem link control (3GPP TS 45.008 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145009 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Link adaptation (3GPP TS 45.009 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145010 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Radio subsystem synchronization (3GPP TS 45.010 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145015 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Release independent Downlink Advanced Receiver Performance (DARP) – Implementation guidelines (3GPP TS 45.015 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 145022 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Radio link management in hierarchical networks (3GPP TS 45.022 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 145050 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Background for Radio Frequency (RF) requirements (3GPP TR 45.050 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 145056 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM Cordless Telephony System (CTS), Phase 1 – CTS-FP Radio subsystem (3GPP TS 45.056 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 145902 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Flexible Layer One (FLO) (3GPP TR 45.902 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 145903 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks (3GPP TR 45.903 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 145912 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Feasibility study for evolved GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.912 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 145913 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Optimized transmit pulse shape for downlink Enhanced General Packet Radio Service (EGPRS2-B) (3GPP TR 45.913 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 145914 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Circuit switched voice capacity evolution for GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.914 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 145926 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Solutions for GSM/EDGE Base Transceiver Station (BTS) energy saving (3GPP TR 45.926 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146001 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Full rate speech – Processing functions (3GPP TS 46.001 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146002 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Half rate speech processing functions (3GPP TS 46.002 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146006 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – ANSI-C code for the GSM half rate speech codec (3GPP TS 46.006 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146007 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Test sequences for the GSM half rate speech codec (3GPP TS 46.007 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146008 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half Rate Speech – Performance Characterization of the GSM Half Rate speech codec (3GPP TS 46.008 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146010 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Full rate speech – Transcoding (3GPP TS 46.010 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146011 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Full rate speech – Substitution and muting of lost frames for full rate speech channels (3GPP TS 46.011 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146012 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Full rate speech – Comfort noise aspect for full rate speech traffic channels (3GPP TS 46.012 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146020 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Half rate speech transcoding (3GPP TS 46.020 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 146021 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Substitution and muting of lost frames for half rate speech traffic channels (3GPP TS 46.021 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146022 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Comfort noise aspects for the half rate speech traffic channels (3GPP TS 46.022 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146031 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Full rate speech – Discontinuous Transmission (DTX) for full rate speech traffic channels (3GPP TS 46.031 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146032 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Full rate speech – Voice Activity Detector (VAD) for full rate speech traffic channels (3GPP TS 46.032 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146041 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Discontinuous Transmission (DTX) for half rate speech traffic channels (3GPP TS 46.041 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146042 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Half rate speech – Voice Activity Detector (VAD) for half rate speech traffic channels (3GPP TS 46.042 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146051 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Enhanced Full Rate (EFR) speech processing functions – General description (3GPP TS 46.051 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146053 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec (3GPP TS 46.053 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146054 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Test sequences for the GSM Enhanced Full Rate (EFR) speech codec (3GPP TS 46.054 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 146055 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec (3GPP TR 46.055 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146060 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Enhanced Full Rate (EFR) speech transcoding (3GPP TS 46.060 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146061 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.061 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146062 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.062 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 146076 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Adaptive Multi-Rate (AMR) speech codec – Study phase report (3GPP TR 46.076 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146081 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.081 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 146082 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.082 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 146085 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation (3GPP TR 46.085 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148001 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – General aspects (3GPP TS 48.001 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148002 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – Interface principles (3GPP TS 48.002 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148004 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – Layer 1 specification (3GPP TS 48.004 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148006 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Signalling transport mechanism Specification for the Base Station System – Mobile Services Switching Centre (BSS – MSC) interface (3GPP TS 48.006 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148008 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Switching Centre – Base Station system (MSC-BSS) interface – Layer 3 specification (3GPP TS 48.008 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148014 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) interface – Gb interface Layer 1 (3GPP TS 48.014 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148016 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) interface – Network service (3GPP TS 48.016 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148018 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) – BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148031 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Location Services (LCS) – Serving Mobile Location Centre – Serving Mobile Location Centre (SMLC – SMLC) – SMLCPP specification (3GPP TS 48.031 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148049 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station Controller – Cell Broadcast Centre (BSC-CBC) interface specification – Cell Broadcast Service Protocol (CBSP) (3GPP TS 48.049 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148051 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – General aspects (3GPP TS 48.051 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148052 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Interface principles (3GPP TS 48.052 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148054 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Layer 1 structure of physical circuits (3GPP TS 48.054 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148056 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Layer 2 specification (3GPP TS 48.056 version 17.0.0 Release 17)	33.070.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 148058 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station Controller – Base Transceiver Station (BSC – BTS) Interface – Layer 3 specification (3GPP TS 48.058 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148060 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – In-band control of remote transcoders and rate adaptors for full rate traffic channels (3GPP TS 48.060 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148061 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – In-band control of remote transcoders and rate adaptors for half rate traffic channels (3GPP TS 48.061 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148071 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Location Services (LCS) – Serving Mobile Location Centre – Base Station System (SMLC-BSS) interface – Layer 3 specification (3GPP TS 48.071 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 148103 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station System – Media GateWay (BSS-MGW) interface – User plane transport mechanism (3GPP TS 48.103 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 149031 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Location Services (LCS) – Base Station System Application Part LCS Extension (BSSAP-LE) (3GPP TS 49.031 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TR 149995 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – General Packet Radio Service (GPRS) – Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles (3GPP TR 49.995 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 151010-1 V 13.13.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station (MS) conformance specification – Part 1: Conformance specification (3GPP TS 51.010-1 version 13.13.0 Release 13)	33.070.50	2022-05
ETSI TS 151010-2 V 13.13.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station (MS) conformance specification – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (3GPP TS 51.010-2 version 13.13.0 Release 13)	33.070.50	2022-05
ETSI TS 151021 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station System (BSS) equipment specification – Radio aspects (3GPP TS 51.021 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 151026 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Base Station System (BSS) equipment specification – Part 4: Repeaters (3GPP TS 51.026 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 152008 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Telecommunication management – GSM subscriber and equipment trace (3GPP TS 52.008 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 152021 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Network Management (NM) procedures and messages on the A-bis interface (3GPP TS 52.021 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI TS 152402 V 17.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Telecommunication management – Performance Management (PM) – Performance measurements – GSM (3GPP TS 52.402 version 17.0.0 Release 17)	33.070.50	2022-05
ETSI ES 201873-1 V 4.14.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – Part 1: TTCN-3 Core Language	33.020; 35.100.60	2022-05
ETSI ES 202396-1 V 1.8.1	Speech and multimedia Transmission Quality (STQ) – Speech quality performance in the presence of background noise – Part 1: Background noise simulation technique and background noise database	33.040.01	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI ES 202738 V 1.8.2	Speech and multimedia Transmission Quality (STQ) – Transmission requirements for narrowband VoIP loudspeaking and handsfree terminals from a QoS perspective as perceived by the user	33.040.01	2022-05
ETSI ES 202740 V 1.8.2	Speech and multimedia Transmission Quality (STQ) – Transmission requirements for wideband VoIP loudspeaking and handsfree terminals from a QoS perspective as perceived by the user	33.040.01	2022-05
ETSI ES 202785 V 1.9.1	Methods for Testing and Specification (MTS) – The Testing and Test Control Notation version 3 – TTCN-3 Language Extensions: Behaviour Types	33.020	2022-05
ETSI GR NFV-TST 007 V 3.1.1	Network Functions Virtualisation (NFV) Release 3 – Testing – Guidelines on Interoperability Testing for MANO	35.110	2022-05
ETSI GS NFV-TST 010 V 3.5.1	Network Functions Virtualisation (NFV) Release 3 – Testing – API Conformance Testing Specification	35.110	2022-05
ETSI GS PDL 012 V 1.1.1	Permissioned Distributed ledger (PDL) – Reference Architecture	35.240.99	2022-05
EN 300176-2 V 2.4.1	Digital Enhanced Cordless Telecommunications (DECT) – Test specification – Part 2: Audio and speech	33.070.30	2022-05
EN 302245 V 2.2.1	Transmitting equipment for the Digital Radio Mondiale (DRM) service – Harmonised Standard for access to radio spectrum	33.060.20; 33.170	2022-05
EN 319532-4 V 1.2.1	Electronic Signatures and Infrastructures (ESI) – Registered Electronic Mail (REM) Services – Part 4: Interoperability profiles	35.240.30	2022-05
CEN/CLC/ETSI TR 101550	Documents relevant to EN 301549 (V1.1.1) "Accessibility requirements suitable for public procurement of ICT products and services in Europe"	03.100.10; 13.180; 33.020; 35.020	2022-05
ETSI TS 128541 V 16.11.2	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 16.11.2 Release 16)	33.070.50	2022-05
ETSI TS 137571-1 V 16.11.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 16.11.0 Release 16)	33.070.50	2022-05

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
IWA 36	Guidelines for contactless delivery services	03.080.30	2022-05
IWA 40	Guidelines for virtual kitchen services	03.080.30	2022-05
ISO 340	Conveyor belts – Laboratory scale flammability characteristics – Requirements and test method	13.220.40; 53.040.20	2022-05
ISO 3302-2	Rubber – Tolerances for products – Part 2: Geometrical tolerances	83.140.01	2022-05
ISO 3482	Ships and marine technology – Technical guidelines for active source exploration with ocean bottom seismometers (OBS)	17.160; 47.020.99	2022-05
ISO 4091 AMD 1	Road vehicles – Connectors for the electrical connection of towing and towed vehicles – Definitions, tests and requirements; Amendment 1	43.040.10	2022-05
ISO 4136	Destructive tests on welds in metallic materials – Transverse tensile test	25.160.40	2022-05
ISO 4154	Traditional Chinese medicine – Sinomenium acutum stem	11.120.10	2022-05
ISO 4155	Magnesium and magnesium alloys – Determination of nickel – Inductively coupled plasma optical emission spectrometric method	77.120.20	2022-05
ISO/TR 4447	Intelligent transport systems – Mobility integration – Comparison of two mainstream integrated mobility concepts	03.220.01; 35.240.60	2022-05
ISO 4645	Rubber and rubber products – Identification of antidegradants – Thin layer chromatographic methods	83.060	2022-05
ISO 4760	Laminate flooring – Topical moisture resistance – Assembled joint	97.150	2022-05
ISO 4821	Plain bearings – Dynamic adhesion test method for DLC coated parts under lubricated condition	21.100.10	2022-05
ISO/TS 4988	Nanotechnologies – Toxicity assessment and bioassimilation of manufactured nano-objects in suspension using the unicellular organism Tetrahymena sp.	7.120	2022-05
ISO 5685	Road vehicles – Testing the abrasion resistance of automotive glazing with the windscreen wiper test	43.040.65	2022-05
ISO 5712	Fine ceramics (advanced ceramics, advanced technical ceramics) – Method for measuring the power generation characteristics of piezoelectric resonant devices for stand-alone power sources	81.060.30	2022-05
ISO/TS 6304	Traditional Chinese medicine – Categorical structure for disorders	01.040.11; 11.020.99	2022-05
ISO/TS 6336-20	Calculation of load capacity of spur and helical gears – Part 20: Calculation of scuffing load capacity – Flash temperature method	21.200	2022-05
ISO/TS 6336-21	Calculation of load capacity of spur and helical gears – Part 21: Calculation of scuffing load capacity – Integral temperature method	21.200	2022-05
ISO 6469-2	Electrically propelled road vehicles – Safety specifications – Part 2: Vehicle operational safety	43.120	2022-05
ISO 6826	Reciprocating internal combustion engines – Fire protection	27.020	2022-05
ISO 7176-32	Wheelchairs – Part 32: Test method for wheelchair castor assembly durability	11.180.10	2022-05
ISO 7206-13 AMD 1	Implants for surgery – Partial and total hip joint prostheses – Part 13: Determination of resistance to torque of head fixation of stemmed femoral components; Amendment 1	11.040.40	2022-05
ISO 7765-2	Plastics film and sheeting – Determination of impact resistance by the free-falling dart method – Part 2: Instrumented puncture test	83.140.10	2022-05
ISO/TR 7872	Intelligent transport systems – Mobility integration – Digital infrastructure service role and functional model for urban ITS service applications	03.220.01; 35.240.60	2022-05
ISO 7992	Iron ores for blast furnace feedstocks – Determination of reduction under load	73.060.10	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 8000-64	Data quality – Part 64: Data quality management: Organizational process maturity assessment: Application of the Test Process Improvement method	25.040.40	2022-05
ISO 8000-150	Data quality – Part 150: Data quality management: Roles and responsibilities	25.040.40	2022-05
ISO 8196-3	Milk – Definition and evaluation of the overall accuracy of alternative methods of milk analysis – Part 3: Protocol for the evaluation and validation of alternative quantitative methods of milk analysis	67.100.10	2022-05
ISO 9608	V-belts and V-ribbed belts – Uniformity of belts – Test method for determination of centre distance variation	21.220.10	2022-05
ISO 9650-1	Small craft – Inflatable liferafts – Part 1: Type 1 and type 2	47.080	2022-05
ISO 9802	Raw optical glass – Vocabulary	01.040.81; 81.040.10	2022-05
ISO 9999	Assistive products – Classification and terminology	11.180.01	2022-05
ISO 10825-1	Gears – Wear and damage to gear teeth – Part 1: Nomenclature and characteristics	01.040.21; 21.200	2022-05
ISO 10993-18 AMD 1	Biological evaluation of medical devices – Part 18: Chemical characterization of medical device materials within a risk management process – Amendment 1: Determination of the uncertainty factor	11.100.20	2022-05
ISO/TR 11594	Best practices for the creation/evaluation of fingerprint analysis in accordance with the ISO 28199 series	87.040	2022-05
ISO 11783-13	Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 13: File server	35.240.99; 65.060.01	2022-05
ISO/TR 12231-2	Photography – Electronic still picture imaging terminology – Part 2: Other defined terms	01.040.37; 37.040.10	2022-05
ISO 12312-3	Eye and face protection – Sunglasses and related eyewear – Part 3: Sunglasses for running, cycling and similar active lifestyles	13.340.20	2022-05
ISO 12696	Cathodic protection of steel in concrete	77.060; 77.140.15	2022-05
ISO/TS 12788	Rapeseed – Determination of glucosinolate content – Spectrometric method for total glucosinolates by glucose release	67.200.20	2022-05
ISO 14644-9	Cleanrooms and associated controlled environments – Part 9: Assessment of surface cleanliness for particle concentration	13.040.35	2022-05
ISO 14644-10	Cleanrooms and associated controlled environments – Part 10: Assessment of surface cleanliness for chemical contamination	13.040.35	2022-05
ISO 15037-3	Road vehicles – Vehicle dynamics test methods – Part 3: General conditions for passenger cars ride comfort tests	43.080.01; 43.100	2022-05
ISO 15537	Principles for selecting and using test persons for testing anthropometric aspects of industrial products and designs	13.110; 13.180	2022-05
ISO 15750-3	Packaging – Steel drums – Part 3: Inserted flange-type closure systems	55.140	2022-05
ISO 16495	Packaging – Transport packaging for dangerous goods – Test methods	13.300; 55.020	2022-05
ISO 16808	Metallic materials – Sheet and strip – Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems	77.040.10	2022-05
ISO 16840-11	Wheelchair seating – Part 11: Determination of dissipation characteristics of sensible perspiration into seat cushions	11.180.10	2022-05
ISO 16844-3	Road vehicles – Tachograph systems – Part 3: Motion sensor communication interface	43.040.10	2022-05
ISO 16844-6	Road vehicles – Tachograph systems – Part 6: Diagnostic communication interfaces	43.040.10	2022-05
ISO 16844-7	Road vehicles – Tachograph systems – Part 7: Parameters	43.040.10	2022-05
ISO 17123-6	Optics and optical instruments – Field procedures for testing geodetic and surveying instruments – Part 6: Rotating lasers	17.180.30	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/IEC 17549-1	Information technology – User interface requirements and recommendations on menu navigation – Part 1: Framework	35.240.20	2022-05
ISO/IEC 17826	Information technology – Cloud Data Management Interface (CDMI) Version 2.0.0	35.210	2022-05
ISO 17892-1 AMD 1	Geotechnical investigation and testing – Laboratory testing of soil – Part 1: Determination of water content; Amendment 1	13.080.20; 93.020	2022-05
ISO 18278-1	Resistance welding – Weldability – Part 1: General requirements for the evaluation of weldability for resistance spot, seam and projection welding of metallic materials	25.160.01	2022-05
ISO 18675	Dentistry – Machinable ceramic blanks	11.060.10	2022-05
ISO/TS 19850	Fire tests – Use of LED (light-emitting diode) as an alternative to white light for measuring smoke parameters	13.220.40; 29.140.99	2022-05
ISO/IEC 20071-5	Information technology – User interface component accessibility – Part 5: Accessible user interfaces for accessibility settings on information devices	35.240.20	2022-05
ISO 20804	Determination of the specific surface area of porous and particulate systems by small-angle X-ray scattering (SAXS)	19.120	2022-05
ISO/IEC 20897-2	Information security, cybersecurity and privacy protection – Physically unclonable functions – Part 2: Test and evaluation methods	35.030	2022-05
ISO/TR 21141	Timber structures – Timber connections and assemblies – Determination of yield and ultimate characteristics and ductility from test data	91.080.20	2022-05
ISO 21234	Road vehicles – Heavy commercial vehicles and buses – Mass moment of inertia measurement	43.080.01	2022-05
ISO 21438-1	Workplace atmospheres – Determination of inorganic acids by ion chromatography – Part 1: Non-volatile acids (sulfuric acid and phosphoric acid)	13.040.30	2022-05
ISO 21442	Space systems – General requirements for control engineering	49.140	2022-05
ISO 21474-2	In vitro diagnostic medical devices – Multiplex molecular testing for nucleic acids – Part 2: Validation and verification	11.100.10	2022-05
ISO 21646	Solid recovered fuels – Sample preparation	75.160.10	2022-05
ISO/IEC 21794-4	Information technology – Plenoptic image coding system (JPEG Pleno) – Part 4: Reference software	35.040.30	2022-05
ISO 21940-11 AMD 1	Mechanical vibration – Rotor balancing – Part 11: Procedures and tolerances for rotors with rigid behaviour; Amendment 1	21.120.40	2022-05
ISO 21940-14 AMD 1	Mechanical vibration – Rotor balancing – Part 14: Procedures for assessing balance errors; Amendment 1	21.120.40	2022-05
ISO 22139	Heavy commercial vehicles and buses – Test method for steering effort measurement when manoeuvring at low speed or with stationary vehicle	43.080.01	2022-05
ISO/IEC TR 22216	Information security, cybersecurity and privacy protection – New concepts and changes in ISO/IEC 15408:2022 and ISO/IEC 18045:2022	35.030	2022-05
ISO 22266-1	Mechanical vibration – Torsional vibration of rotating machinery – Part 1: Evaluation of steam and gas turbine generator sets due to electrical excitation	17.160; 29.160.40	2022-05
ISO 22683	Dentistry – Rotational adaptability test between implant body and implant abutment in dental implant systems	11.060.15	2022-05
ISO/IEC 22954	Information technology – Office equipment – Automated colour profile distribution	37.100.10	2022-05
ISO 23018	Group-averaged neutron and gamma-ray cross sections for radiation protection and shielding calculations for nuclear reactors	13.280; 27.120.10	2022-05
ISO/IEC 23090-10	Information technology – Coded representation of immersive media – Part 10: Carriage of visual volumetric video-based coding data	35.040.40	2022-05
ISO/TR 23249	Blockchain and distributed ledger technologies – Overview of existing DLT systems for identity management	35.030; 35.240.40; 35.240.99	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 23280	Electrically propelled mopeds and motorcycles – Test method for evaluation of energy performance using motor dynamometer	43.140	2022-05
ISO 23371	Anaesthetic and respiratory equipment – Cuff pressure indication, control and regulation devices	11.040.10	2022-05
ISO 23372	Anaesthetic and respiratory equipment – Air entrainment devices	11.040.10	2022-05
ISO 23405	Tourism and related services – Sustainable tourism – Principles, vocabulary and model	01.040.03; 01.040.13; 03.200.01; 13.020.20	2022-05
ISO/TR 23463	Nanotechnologies – Characterization of carbon nanotube and carbon nanofibre aerosols to be used in inhalation toxicity tests	7.120	2022-05
ISO/IEC 23488	Information technology – Computer graphics, image processing and environment data representation – Object/environmental representation for image-based rendering in virtual/mixed and augmented reality (VR/MAR)	35.140	2022-05
ISO 23547	Measurement of radioactivity – Gamma emitting radionuclides – Reference measurement standard specifications for the calibration of gamma-ray spectrometers	17.240	2022-05
ISO/TS 23860	Ships and marine technology – Vocabulary related to autonomous ship systems	01.040.47; 47.040	2022-05
ISO/IEC 23941	Information technology – Automatic identification and data capture techniques – Rectangular Micro QR Code (rMQR) bar code symbology specification	35.040.50	2022-05
ISO 23958-1	Traditional Chinese medicine – Dermal needles for single use – Part 1: Tapping-type	11.040.25	2022-05
ISO 23958-2	Traditional Chinese medicine – Dermal needles for single use – Part 2: Roller-type	11.040.25	2022-05
ISO 24143	Information and documentation – Information Governance – Concept and principles	01.140.20	2022-05
ISO 24160	Refuse collection vehicles – Waste odour and leachate prevention and control	43.160	2022-05
ISO 24200	Petroleum, petrochemical and natural gas industries – Bulk material for offshore projects – Pipe support	75.180.10	2022-05
ISO/IEC TR 24244	Automatic identification and data capture techniques – Bar code print quality test specification – Evolution of the grading and measurement of linear symbols in ISO/IEC 15416	01.080.50; 35.040.50	2022-05
ISO 24259	Steel strapping for packaging	55.040	2022-05
ISO/IEC 24458	Information technology – Automatic identification and data capture techniques – Bar code printer and bar code reader performance testing specification	35.040.50	2022-05
ISO 24533-2	Intelligent transport systems – Electronic information exchange to facilitate the movement of freight and its intermodal transfer – Part 2: Common reporting system	03.220.01; 35.240.60; 55.180.01	2022-05
ISO 24656	Cathodic protection of offshore wind structures	47.020.99; 77.060	2022-05
ISO/TR 24679-8	Fire safety engineering – Performance of structures in fire – Part 8: Example of a probabilistic assessment of a concrete building	13.220.01	2022-05
ISO 26021-3	Road vehicles – End-of-life activation of in-vehicle pyrotechnic devices – Part 3: Data definitions	43.040.80	2022-05
ISO 28921-1	Industrial valves – Isolating valves for low-temperature applications – Part 1: Design, manufacturing and production testing	23.060.01	2022-05
ISO/IEC 29138-3	Information technology – User interface accessibility – Part 3: Requirements and recommendations on user needs mapping	11.180.99; 35.240.80	2022-05
ISO 30302	Information and documentation – Management systems for records – Guidelines for implementation	01.140.20; 03.100.70	2022-05
ISO 30422	Human resource management – Learning and development	03.100.30	2022-05
ISO/IEC Directives Supplement IEC	ISO/IEC Directives Supplement – Procedures specific to IEC	1.120	2022-05
ISO/IEC Directives Part 1 + Supplement IEC	ISO/IEC Directives – Part 1 + IEC Supplement: Procedures for the technical work – Procedures specific to IEC	1.120	2022-05

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/TR 60297-3-1	Mechanical structures for electrical and electronic equipment – Dimensions of mechanical structures of the 482,6 mm (19 in) series – Part 3-1: Technological schemes and applications	31.240	2022-05
IEC/PAS 62923-101	Maritime navigation and radiocommunication equipment and systems – Bridge alert management – Part 101: Guideline on implementation	33.060.01; 47.020.70	2022-05
IEC/TR 63447-1	Form factor of smart mobile device – Part 1: Impact on multimedia services	33.050.01	2022-05
IEC/TR 63447-2	Form factor of smart mobile device – Part 2: Use cases of multimedia services	33.050.01	2022-05
IEC/TR 63449	Dynamic metadata HDR impacts on TV power consumption (TA 19)	33.160.25; 35.040.40	2022-05
IEC/TR 60721-4-3	Classification of environmental conditions – Part 4-3: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3-3 to the environmental tests of IEC 60068 – Stationary use at weatherprotected locations	19.040	2022-05
IEC/PAS 63446	Conversion method of specific absorption rate to absorbed power density for the assessment of human exposure to radio frequency electromagnetic fields from wireless devices in close proximity to the head and body – Frequency range of 6 GHz to 10 GHz	17.240; 33.070.01	2022-05
IEC 60079-5 AMD 1	Explosive atmospheres – Part 5: Equipment protection by powder filling “q”; Amendment 1	29.260.20	2022-05
IEC 60079-5 Edition 4.1	Explosive atmospheres – Part 5: Equipment protection by powder filling “q”	29.260.20	2022-05
IEC 60335-2-40	Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	23.120; 27.080; 91.140.30	2022-05
IEC 60475	Method of sampling insulating liquids	29.040.10	2022-05
IEC 60599	Mineral oil-filled electrical equipment in service – Guidance on the interpretation of dissolved and free gases analysis	17.220.99; 29.040.10; 29.180	2022-05
IEC 60953-0	Rules for steam turbine thermal acceptance tests – Part 0: Wide range of accuracy for various types and sizes of turbines	27.040	2022-05
IEC 61131-9	Programmable controllers – Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI)	25.040.40; 35.060; 35.240.50	2022-05
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®	33.120.30	2022-05
IEC/TR 61282-16	Fibre optic communication system design guidelines – Part 16: Coherent receivers and transmitters with high-speed digital signal processing	33.180.01	2022-05
IEC/TR 61292-1	Optical amplifiers – Part 1: Parameters of optical fibre amplifier components	33.160.10; 33.180.30	2022-05
IEC 61558-2-14	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-14: Particular requirements and tests for variable transformers and power supply units incorporating variable transformers for general applications	29.180	2022-05
IEC 61558-2-15	Safety of transformers, reactors, power supply units and combinations thereof – Part 2-15: Particular requirements and tests for isolating transformers for medical IT systems for the supply of medical locations	29.180	2022-05
IEC 61970-401	Energy management system application program interface (EMS-API) – Part 401: Profile framework	33.200; 35.240.50	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62196-1	Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements	29.120.30; 43.040.10; 43.120	2022-05
IEC 62271-203	High-voltage switchgear and controlgear – Part 203: AC gas-insulated metal-enclosed switchgear for rated voltages above 52 kV	29.130.10	2022-05
IEC 62271-204	High-voltage switchgear and controlgear – Part 204: Rigid gas-insulated transmission lines for rated voltage above 52 kV	29.130.10	2022-05
IEC/TS 62344	Design of earth electrode stations for high-voltage direct current (HVDC) links – General guidelines	29.240.99	2022-05
IEC 62477-1	Safety requirements for power electronic converter systems and equipment – Part 1: General	29.200; 31.080.99	2022-05
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	13.020-80; 29.220.30	2022-05
IEC 62657-3	Industrial networks – Coexistence of wireless systems – Part 3: Formal description of the automated coexistence management and application guidance	25.040.40; 35.110	2022-05
IEC 62657-4	Industrial networks – Coexistence of wireless systems – Part 4: Coexistence management with central coordination of wireless applications	25.040.40; 35.110	2022-05
IEC/TR 62681	Electromagnetic performance of high voltage direct current (HVDC) overhead transmission lines	17.220.20; 29.240.20	2022-05
IEC 62841-3-6 AMD 1	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; Amendment 1	25.140.20	2022-05
IEC 62841-3-6 Edition 1.1	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	2022-05
IEC 62841-3-10 AMD 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines; Amendment 1	25.140.20	2022-05
IEC 62841-3-10 Edition 1.1	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	2022-05
IEC 62841-4-2 AMD 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers; Amendment 1	25.140.20; 65.060.70	2022-05
IEC 62841-4-2 Edition 1.1	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; 65.060.70	2022-05
IEC 62862-5-2	Solar thermal electric plants – Part 5-2: Systems and components – General requirements and test methods for large-size linear Fresnel collectors	27.160	2022-05
IEC/TR 63044-2	Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 2: Environmental conditions	29.120.01; 29.120.99; 97.120	2022-05
IEC 63173-2	Maritime navigation and radiocommunication equipment and systems – Data interfaces – Part 2: Secure communication between ship and shore (SECOM)	47.020.70	2022-05
IEC/IEEE 63195-1	Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) – Part 1: Measurement procedure	17.220.20; 17.240; 33.070.01	2022-05

Oznaka norme	Naslov norme	ICS	Datum objave
IEC/IEEE 63195-2	Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) – Part 2: Computational procedure	17.220.20; 17.240; 33.070.01	2022-05
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	13.200; 47.020.70; 47.020.99	2022-05
IEC 63275-2	Semiconductor devices – Reliability test method for silicon carbide discrete metaloxide semiconductor field effect transistors – Part 2: Test method for bipolar degradation due to body diode operation	31.080.30	2022-05
IEC/TR 63363-1	Performance of voltage sourced converter (VSC) based high-voltage direct current (HVDC) transmission – Part 1: Steady-state conditions	29.200; 29.240.01; 29.240.99	2022-05
ISO/IEC 17549-1	Information technology – User interface requirements and recommendations on menu navigation – Part 1: Framework	35.240.20	2022-05
ISO/IEC 17826	Information technology – Cloud Data Management Interface (CDMI) Version 2.0.0	35.210	2022-05
ISO/IEC 20071-5	Information technology – User interface component accessibility – Part 5: Accessible user interfaces for accessibility settings on information devices	35.240.20	2022-05
ISO/IEC 20897-2	Information security, cybersecurity and privacy protection – Physically unclonable functions – Part 2: Test and evaluation methods	35.030	2022-05
ISO/IEC 21794-4	Information technology – Plenoptic image coding system (JPEG Pleno) – Part 4: Reference software	35.040.30	2022-05
ISO/IEC TR 22216	Information security, cybersecurity and privacy protection – New concepts and changes in ISO/IEC 15408:2022 and ISO/IEC 18045:2022	35.030	2022-05
ISO/IEC 22954	Information technology – Office equipment – Automated colour profile distribution	37.100.10	2022-05
ISO/IEC 23090-10	Information technology – Coded representation of immersive media – Part 10: Carriage of visual volumetric video-based coding data	35.040.40	2022-05
ISO/IEC 23488	Information technology – Computer graphics, image processing and environment data representation – Object/environmental representation for image-based rendering in virtual/mixed and augmented reality (VR/MAR)	35.140	2022-05
ISO/IEC 23941	Information technology – Automatic identification and data capture techniques – Rectangular Micro QR Code (rMQR) bar code symbology specification	35.040.50	2022-05
ISO/IEC TR 24244	Automatic identification and data capture techniques – Bar code print quality test specification – Evolution of the grading and measurement of linear symbols in ISO/IEC 15416	01.080.50; 35.040.50	2022-05
ISO/IEC 24458	Information technology – Automatic identification and data capture techniques – Bar code printer and bar code reader performance testing specification	35.040.50	2022-05
ISO/IEC 29138-3	Information technology – User interface accessibility – Part 3: Requirements and recommendations on user needs mapping	11.180.99; 35.240.80	2022-05
ISO/IEC Directives Supplement IEC	ISO/IEC Directives Supplement – Procedures specific to IEC	1.120	2022-05
ISO/IEC Directives Part 1 + Supplement IEC	ISO/IEC Directives – Part 1 + IEC Supplement: Procedures for the technical work – Procedures specific to IEC	1.120	2022-05