

Hrvatski zavod za norme

Oglasnik za normativne dokumente

12/2019 prosinac, 2019.

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 razvrstane po predmetnom ustroju 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 34, *Poljoprivredni i prehrambeni proizvodi*

HRN ISO 26642:2019 en pr
Prehrambeni proizvodi – Određivanje glikemijskog indeksa (GI) i preporuka za klasifikaciju hrane (ISO 26642:2010)
Food products – Determination of the glycaemic index (GI) and recommendation for food classification (ISO 26642:2010)

HZN/TO 43, *Akustika*

HRN EN ISO 389-7:2019 en pr
Akustika – Referentna razina za umjeravanje audiometara – 7. dio: Referentni prag čujnosti pri slušanju u slobodnome i difuznome polju (ISO 389-7:2019; EN ISO 389-7:2019)
Acoustics – Reference zero for the calibration of audiometric equipment – Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions (ISO 389-7:2019; EN ISO 389-7:2019)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 9090:2019 en pr
Nepropusnost opreme za plinsko zavarivanje i srodne postupke (ISO 9090:2019; EN ISO 9090:2019)
Gas tightness of equipment for gas welding and allied processes (ISO 9090:2019; EN ISO 9090:2019)

HRN EN ISO 13919-1:2019 en pr
Zavareni spojevi izvedeni elektronskim snopom i laserom – Zahtjevi i preporuke za razine kvalitete s obzirom na nepravilnosti – 1. dio: Čelik, nikal, titanij i njihove legure (ISO 13919-1:2019; EN ISO 13919-1:2019)
Electron and laser-beam welded joints – Requirements and recommendations on quality levels for imperfections – Part 1: Steel, nickel, titanium and their alloys (ISO 13919-1:2019; EN ISO 13919-1:2019)

HRN EN ISO 15614-7:2019 en pr
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 7. dio: Navarivanje (ISO 15614-7:2016; EN ISO 15614-7:2019)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 7: Overlay welding (ISO 15614-7:2016; EN ISO 15614-7:2019)

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

HRN EN ISO 22041:2019/A1:2019 en pr
Rashladni ormari i vitrine za skladištenje hrane za profesionalnu upotrebu – Značajke i potrošnja energije (EN ISO 22041:2019/A1:2019)
Refrigerated storage cabinets and counters for professional use – Performance and energy consumption (EN ISO 22041:2019/A1:2019)

HZN/TO 120, *Koža i obuća*

HRN EN ISO 19577:2019 en pr
Obuća – Kritične tvari potencijalno prisutne u obući i komponentama obuće – Određivanje nitrozamina (ISO 19577:2019; EN ISO 19577:2019)
Footwear – Critical substances potentially present in footwear and footwear components – Determination of Nitrosamines (ISO 19577:2019; EN ISO 19577:2019)

HZN/TO 121, *Anestetička i respiracijska oprema*

HRN EN ISO 11197:2019 en pr
Medicinski opskrbeni uređaji (ISO 11197:2019; EN ISO 11197:2019)
Medical supply units (ISO 11197:2019; EN ISO 11197:2019)

HRN EN ISO 15002:2010/A1:2019 en pr
Mjerni uređaji protoka koji se spajaju na priključnu jedinicu medicinskoga plinovodnog sustava (ISO 15002:2008/Amd 1:2018; EN ISO 15002:2008/A1:2019)
Flow-metering devices for connection to terminal units of medical gas pipeline systems (ISO 15002:2008/Amd 1:2018; EN ISO 15002:2008/A1:2019)

HRN EN ISO 80601-2-13:2013/A1:2019 en pr
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)

HRN EN ISO 80601-2-13:2013/A2:2019 en pr
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)

HZN/TO 136, *Namještaj*

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

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

HRN DIN 8074:2019 de pr
Cijevi od polietilena (PE) – PE 80, PE100 – Dimenzije (DIN 8074:2011)
Rohre aus Polyethylen (PE) – PE 80, PE 100 – Maße (DIN 8074:2011)

HRN DIN 8075:2019 de pr
Cijevi od polietilena (PE) – PE 80, PE 100 – Opći zahtjevi kvalitete, ispitivanje (DIN 8075:2018)
Rohre aus Polyethylen (PE) – PE 80, PE 100 – Allgemeine Güteanforderungen, Prüfungen (DIN 8075:2018)

HRN DIN 16961-1:2019 de pr
Plastomerne cijevi i spojnice sa profiliranom stjenkom i glatkom unutrašnjom površinom – 1. dio: Razredba i dimenzije (DIN 16961-1:2018)
Rohre und Formstücke aus thermoplastischen Kunststoffen mit profilierter Wandung und glatter Rohrinnenfläche – Teil 1: Klassifizierung und Maße (DIN 16961-1:2018)

HRN DIN 16961-2:2019 de pr
Plastomerne cijevi i spojnice sa profiliranom stjenkom i glatkom unutrašnjom površinom – 2. dio: Tehničke specifikacije isporuke (DIN 16961-2:2018)
Rohre und Formstücke aus thermoplastischen Kunststoffen mit profilierter Wandung und glatter Rohrinnenfläche – Teil 2: Technische Lieferbedingungen (DIN 16961-2:2018)

HZN/TO 147/PO 2, *Kvaliteta vode; Fizikalno-kemijske metode ispitivanja*

HRN EN ISO 22125-1:2019 en pr
Kvaliteta vode – Tehnecij-99 – 1. dio: Metoda ispitivanja s upotrebom tekućinske scintilacije (ISO 22125-1:2019; EN ISO 22125-1:2019)
Water quality – Technetium-99 – Part 1: Test method using liquid scintillation counting (ISO 22125-1:2019; EN ISO 22125-1:2019)

HRN EN ISO 22125-2:2019 en pr
Kvaliteta vode – Tehnecij-99 – 2. dio: Metoda ispitivanja s upotrebom spektrometrije masa s induktivno spregnutom plazmom (ICP-MS) (ISO 22125-2:2019; EN ISO 22125-2:2019)
Water quality – Technetium-99 – Part 2: Test method using inductively coupled plasma mass spectrometry (ICP-MS) (ISO 22125-2:2019; EN ISO 22125-2:2019)

HZN/TO 159, Ergonomija

HRN EN ISO 24550:2019 en pr
Ergonomija – Pristupačni dizajn – Indikatorska svjetla na proizvodima široke potrošnje (ISO 24550:2019; EN ISO 24550:2019)
Ergonomics – Accessible design – Indicator lights on consumer products (ISO 24550:2019; EN ISO 24550:2019)

HRN EN ISO 24551:2019 en pr
Ergonomija – Pristupačni dizajn – Govorne instrukcije za proizvode široke potrošnje (ISO 24551:2019; EN ISO 24551:2019)
Ergonomics – Accessible design – Spoken instructions of consumer products (ISO 24551:2019; EN ISO 24551:2019)

HZN/TO 163, Toplinska izolacija

HRN EN 16809-1:2019 en pr
Toplinsko-izolacijski proizvodi za zgrade – Na mjestu primjene oblikovani proizvodi od nevezanih ekspanziranih polistirenskih zrna i vezanih ekspanziranih polistirenskih zrna – 1. dio: Specifikacija za vezane i nevezane proizvode prije ugradnje (EN 16809-1:2019)
Thermal insulation products for buildings – In-situ formed products from loose-fill expanded polystyrene (EPS) beads and bonded expanded polystyrene beads – Part 1: Specification for the bonded and loose filled products before installation (EN 16809-1:2019)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11551:2019 en pr
Optika i fotonika – Laseri i pridružena oprema – Ispitna metoda za utvrđivanje koeficijenta apsorpcije laserskih optičkih komponenti (ISO 11551:2019; EN ISO 11551:2019)
Optics and photonics – Lasers and laser-related equipment – Test method for absorbance of optical laser components (ISO 11551:2019; EN ISO 11551:2019)

HZN/TO 179, Zidane konstrukcije

HRN EN 1015-11:2019 en pr
Metode ispitivanja mortova za zide – 11. dio: Određivanje čvrstoće pri savijanju i tlačne čvrstoće očvrslog morta (EN 1015-11:2019)
Methods of test for mortar for masonry – Part 11: Determination of flexural and compressive strength of hardened mortar (EN 1015-11:2019)

HZN/TO 215, Medicinska informatika

HRN EN 17269:2019 en pr
Health informatics – The Patient Summary for Unscheduled, Cross-border Care (EN 17269:2019)

HZN/TO 221, Geosintetici

HRN EN ISO 10722:2019 en pr
Geosintetici – Postupak ispitivanja za indeksni pokazatelj mehaničkog oštećenja pod djelovanjem opterećenja koje se ponavlja – Oštećenje uzrokovano znatim materijalom (laboratorijska metoda ispitivanja) (ISO 10722:2019; EN ISO 10722:2019)
Geosynthetics – Index test procedure for the evaluation of mechanical damage under repeated loading – Damage caused by granular material (laboratory test method) (ISO 10722:2019; EN ISO 10722:2019)

HRN EN ISO 13426-1:2019 en pr
Geotekstil i proizvodi srodni s geotekstilom – Čvrstoća unutarnjih strukturnih spojeva – 1. dio: Geocelije (ISO 13426-1:2019; EN ISO 13426-1:2019)
Geotextiles and geotextile-related products – Strength of internal structural junctions – Part 1: Geocells (ISO 13426-1:2019; EN ISO 13426-1:2019)

HZN/TO 503, Metalni materijali

HRN EN 1971-1:2019 en pr
Bakar i legure bakra – Ispitivanje vrtložnim strujama radi mjerenja grešaka na bešavnim okruglim cijevima od bakra i legura bakra – 1. dio: Ispitivanje obuhvatnom ispitnom zavojnicom na vanjskoj površini (EN 1971-1:2019)
Copper and copper alloys – Eddy current test for measuring defects on seamless round copper and copper alloy tubes – Part 1: Test with an encircling test coil on the outer surface (EN 1971-1:2019)

HRN EN 1971-2:2019 en pr
Bakar i legure bakra – Ispitivanje vrtložnim strujama radi mjerenja grešaka na bešavnim okruglim cijevima od bakra i legura bakra – 2. dio: Ispitivanje unutrašnjom sondom na unutrašnjoj površini (EN 1971-2:2019)
Copper and copper alloys – Eddy current test for measuring defects on seamless round copper and copper alloy tubes – Part 2: Test with an internal probe on the inner surface (EN 1971-2:2019)

HRN EN ISO 6892-1:2019 en pr
Metalni materijali – Vlačno ispitivanje – 1. dio: Metoda ispitivanja pri sobnoj temperaturi (ISO 6892-1:2019; EN ISO 6892-1:2019)
Metallic materials – Tensile testing – Part 1: Method of test at room temperature (ISO 6892-1:2019; EN ISO 6892-1:2019)

HRN EN ISO 10893-3:2012/A1:2019 en pr
Nerazorno ispitivanje čeličnih cijevi – 3. dio: Automatizirano ispitivanje mjerenjem propuštanja magnetskog toka bešavnih i zavarenih (osim elektrodočno zavarenih pod praškom) feromagnetskih čeličnih cijevi po cijelome opsegu radi otkrivanja uzdužnih i/ili poprečnih nepravilnosti – Amandman 1: Promjena dimenzija referentnog zarez (ISO 10893-3:2011/Amd 1:2019; EN ISO 10893-3:2011/A1:2019)
Non-destructive testing of steel tubes – Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections – Amendment 1: Change of dimensions of the reference notch (ISO 10893-3:2011/Amd 1:2019; EN ISO 10893-3:2011/A1:2019)

HRN EN 16090:2019 en pr
Bakar i legure bakra – Procjena prosječne veličine zrna ultrazvukom (EN 16090:2019)
Copper and copper alloys – Estimation of average grain size by ultrasound (EN 16090:2019)

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

HRN EN ISO 35101:2019 en pr
Industrija nafte i prirodnoga plina – Operacije na Arktiku – Radno okruženje (ISO 35101:2017; EN ISO 35101:2019)
Petroleum and natural gas industries – Arctic operations – Working environment (ISO 35101:2017; EN ISO 35101:2019)

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 4180:2019 en pr
Ambalaža – Cjelovite, ispunjene transportne pakovine – Opće upute za kompilaciju izvedbe redoslijeda ispitivanja (ISO 4180:2019; EN ISO 4180:2019)
Packaging – Complete, filled transport packages – General rules for the compilation of performance test schedules (ISO 4180:2019; EN ISO 4180:2019)

HZN/TO 509, Cestovna oprema

HRN EN 13422:2019 en pr
Vertikalna cestovna signalizacija – Prenosivi deformirajući upozoravajući uređaji i delineatori – Prenosivi prometni znakovi – Stošci i cilindri (EN 13422:2019)
Vertical road signs – Portable deformable warning devices and delineators – Portable road traffic signs – Cones and cylinders (EN 13422:2019)

HZN/TO 528, Oprema za željeznice

HRN EN 14752:2019 en pr
Željeznički sustav – Sustavi bočnog ulaženja za željeznička vozila (EN 14752:2019)
Railway applications – Bodyside entrance systems for rolling stock (EN 14752:2019)

HRN EN 16185-2:2019 en pr
Željeznički sustav – Kočni sustavi višedijelnih vlakova
– 2. dio: Metode ispitivanja (EN 16185-2:2014+A1:2019)
Railway applications – Braking systems of multiple unit trains
– Part 2: Test methods (EN 16185-2:2014+A1:2019)

HRN EN 16207:2019 en pr
Željeznički sustav – Kočenje – Funkcionalni i izvedbeni kriteriji
za elektromagnetske tračničke kočnice na željezničkim
vozilima (EN 16207:2014+A1:2019)
Railway applications – Braking – Functional and performance
criteria of Magnetic Track Brake systems for use in railway
rolling stock (EN 16207:2014+A1:2019)

HZN/TO 531, *Plastika i guma*

HRN EN ISO 2440:2019 en pr
Savitljiv i kruti pjenasti polimerni materijali – Ispitivanje
ubranog starenja (ISO 2440:2019; EN ISO 2440:2019)
Flexible and rigid cellular polymeric materials – Accelerated
ageing tests (ISO 2440:2019; EN ISO 2440:2019)

HRN EN ISO 16929:2019 en pr
Plastika – Određivanje stupnja raspada plastičnog
materijala prema utvrđenim uvjetima kompostiranja
ispitivanjem u poluindustrijskom mjerilu (ISO 16929:2019;
EN ISO 16929:2019)
Plastics – Determination of the degree of disintegration of
plastic materials under defined composting conditions in a
pilot-scale test (ISO 16929:2019; EN ISO 16929:2019)

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

HRN EN 17074:2019 en pr
Staklo u graditeljstvu – Izjava zaštite okoliša – Pravila za
kategorizaciju proizvoda za proizvode od ravnog stakla
(EN 17074:2019)
Glass in building – Environmental product declaration – Product
category rules for flat glass products (EN 17074:2019)

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

HRN EN 17122:2019 en pr
Kemijski dezinficijensi i antiseptici – Kvantitativni test na
neporoznoj površini za procjenu virucidne djelotvornosti
kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u
veterinarstvu – Metoda ispitivanja i zahtjevi – Faza 2, korak 2
(EN 17122:2019)
Chemical disinfectants and antiseptics – Quantitative
non-porous surface test for the evaluation of virucidal activity
of chemical disinfectants and antiseptics used in the veterinary
area – Test method and requirements – Phase 2, step 2
(EN 17122:2019)

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

HRN EN ISO 12759-4:2019 en pr
Ventilatori – Razredba učinkovitosti ventilatora – 4. dio: Pogon
ventilatora pri maksimalnoj radnoj brzini (ISO 12759-4:2019;
EN ISO 12759-4:2019)
Fans – Efficiency classification for fans – Part 4: Driven
fans at maximum operating speed (ISO 12759-4:2019;
EN ISO 12759-4:2019)

HRN EN 14908-7:2019 en pr
Otvorena komunikacija u automatizaciji zgrada, regulacija
i upravljanje u zgradama – Protokol za mrežno upravljanje
– 7. dio: Komunikacija putem internetskih protokola
(EN 14908-7:2019)
Open communication in building automation, controls and
building management – Control Network Protocol – Part 7:
Communication via internet protocols (EN 14908-7:2019)

HZN/TO 546, *Očuvanje kulturne baštine*

HRN EN 15898:2019 en,fr,de pr
Očuvanje kulturne baštine – Glavni opći nazivi i definicije
(EN 15898:2019)
Conservation of cultural heritage – Main general terms and
definitions (EN 15898:2019)

HZN/TO 548, *Konstruktivski eurokodovi*

HRN EN 1992-1-2:2013/A1:2019 hr pp
Eurokod 2: Projektiranje betonskih konstrukcija – Dio 1-2:
Opća pravila – Proračun konstrukcija na djelovanje požara
(EN 1992-1-2:2004/A1:2019)
Eurocode 2: Design of concrete structures – Part 1-2: General
rules – Structural fire design (EN 1992-1-2:2004/A1:2019)

HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 11135:2015/A1:2019 en pr
Sterilizacija proizvoda za zdravstvenu skrb – Etilenoksid
– Zahtjevi za provedbu, vrednovanje i rutinsku kontrolu
sterilizacije medicinskih proizvoda – Amandman 1:
Prerada Dodatka E, Odobranje pojedine serije
(ISO 11135:2014/Amd 1:2018; EN ISO 11135:2014/A1:2019)
Sterilization of health-care products – Ethylene oxide
– Requirements for the development, validation and
routine control of a sterilization process for medical devices
– Amendment 1: Revision of Annex E, Single batch release
(ISO 11135:2014/Amd 1:2018; EN ISO 11135:2014/A1:2019)

HRN EN ISO 11137-1:2015/A2:2019 en pr
Sterilizacija proizvoda za zdravstvenu skrb – Zračenje
– 1. dio: Zahtjevi za razvoj, vrednovanje i rutinsku kontrolu
provedbe sterilizacijskog postupka za medicinske
proizvode – Amandman 2: Prerada točke 4.3.4 i 11.2
(ISO 11137-1:2006/Amd 2:2018; EN ISO 11137-1:2015/A2:2019)
Sterilization of health care products – Radiation – Part 1:
Requirements for development, validation and routine control
of a sterilization process for medical devices – Amendment 2:
Revision to 4.3.4 and 11.2 (ISO 11137-1:2006/Amd 2:2018;
EN ISO 11137-1:2015/A2:2019)

HRN EN ISO 25424:2019 en pr
Sterilizacija proizvoda za zdravstvenu skrb – Niskotemperaturna
para i formaldehid – Zahtjevi za razvoj, vrednovanje i rutinsku
kontrolu sterilizacijskih postupaka za medicinske proizvode
(ISO 25424:2018; EN ISO 25424:2019)
Sterilization of health care products – Low temperature
steam and formaldehyde – Requirements for development,
validation and routine control of a sterilization process for
medical devices (ISO 25424:2018; EN ISO 25424:2019)

HZN/TO 556, *Osobna zaštitna oprema*

HRN EN 13819-3:2019 en pr
Štitnici sluha – Ispitivanje – 3. dio: Dodatne metode akustičkih
ispitivanja (EN 13819-3:2019)
Hearing protectors – Testing – Part 3: Supplementary acoustic
test method (EN 13819-3:2019)

HZN/TO 557, *Zaštitna odjeća*

HRN EN 510:2019 en pr
Specifikacija za zaštitnu odjeću za primjenu na mjestima
gdje postoji opasnost od zahvaćanja pokretnim dijelovima
(EN 510:2019)
Specification for protective clothing for use where there is a
risk of entanglement with moving parts (EN 510:2019)

HZN/TO 560, *Tekstilni proizvodi*

HRN EN ISO 1833-15:2019 en pr
Tekstil – Kvantitativna kemijska analiza – 15. dio: Mješavine
jute i određenih životinjskih vlakana (metoda određivanja
sadržaja dušika) (ISO 1833-15:2019; EN ISO 1833-15:2019)
Textiles – Quantitative chemical analysis – Part 15: Mixtures
of jute with certain animal fibres (method by determining
nitrogen content) (ISO 1833-15:2019; EN ISO 1833-15:2019)

HRN EN ISO 13938-1:2019 en pr
Tekstil – Otpornost na probijanje – 1. dio: Hidraulička metoda
određivanja čvrstoće kod probijanja i visine ispupčenja
(ISO 13938-1:2019; EN ISO 13938-1:2019)
Textiles – Bursting properties of fabrics – Part 1: Hydraulic
method for determination of bursting strength and bursting
distension (ISO 13938-1:2019; EN ISO 13938-1:2019)

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

HRN EN ISO 10961:2019 en pr
Plinske boce – Baterije boca – Projektiranje, izrada, ispitivanje
i pregled (ISO 10961:2019; EN ISO 10961:2019)
Gas cylinders – Cylinder bundles – Design, manufacture,
testing and inspection (ISO 10961:2019; EN ISO 10961:2019)

HRN EN ISO 11117:2019 en pr
Plinske boce – Zaštitne kape ventila i štitnici ventila
– Projektiranje, izrada i ispitivanja (ISO 11117:2019;
EN ISO 11117:2019)
Gas cylinders – Valve protection caps and guards – Design;
construction and tests (ISO 11117:2019; EN ISO 11117:2019)

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

HRN EN ISO 21268-4:2019 en pr
Kvaliteta tla – Postupci ispiranja za naknadna kemijska i ekotoksikološka ispitivanja tla i materijala sličnih tlu – 4. dio: Utjecaj pH na ispiranje s početnim dodavanjem kiselina/baza (ISO 21268-4:2019; EN ISO 21268-4:2019)
Soil quality – Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials – Part 4: Influence of pH on leaching with initial acid/base addition (ISO 21268-4:2019; EN ISO 21268-4:2019)

HZN/TO E9, Električna oprema za željeznicu

HRN EN IEC 62290-3:2019 en pr
Željeznički sustav – Sustav upravljanja gradskim tračničkim prometom i upravljačko/nadzorni sustavi – 3. dio: Specifikacija zahtjeva za sustav (IEC 62290-3:2019; EN IEC 62290-3:2019)
Railway applications – Urban guided transport management and command/control systems – Part 3: System requirements specification (IEC 62290-3:2019; EN IEC 62290-3:2019)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN 62026-3:2015/Ispr.1:2019 en pr
Niskonaponska sklopna aparatura – Sučelja prema regulacijskomu uređaju (CDIs) – 3. dio: Komunikacijski protokol regulacijskog uređaja DeviceNet (IEC 62026-3:2014/Corr.2:2019; EN 62026-3:2015/AC:2019)
Low-voltage switchgear and controlgear – Controller-device interfaces (CDIs) – Part 3: DeviceNet (IEC 62026-3:2014/Corr.2:2019; EN 62026-3:2015/AC:2019)

HZN/TO E22, Energetska elektronika

HRN EN IEC 62040-1:2019/Ispr.1:2019 en pr
Energetski sustavi neprekidnog napajanja (UPS) – 1. dio: Sigurnosni zahtjevi (IEC 62040-1:2017/Corr.1:2019; EN IEC 62040-1:2019/AC:2019)
Uninterruptible power systems (UPS) – Part 1: Safety requirements (IEC 62040-1:2017/Corr.1:2019; EN IEC 62040-1:2019/AC:2019)

HZN/TO E23, Električni instalacijski pribor

HRN EN IEC 62275:2019 en pr
Sustavi za vođenje kabela – Kabelske vezice za električne instalacije (IEC 62275:2018; EN IEC 62275:2019)
Cable management systems – Cable ties for electrical installations (IEC 62275:2018; EN IEC 62275:2019)

HZN/TO E31, Eksplozivne atmosfere

HRN EN IEC 60079-19:2019 en pr
Eksplozivne atmosfere – 19. dio: Popravak, obnova i pregradnja opreme (IEC 60079-19:2019; EN IEC 60079-19:2019)
Explosive atmospheres – Part 19: Equipment repair, overhaul and reclamation (IEC 60079-19:2019; EN IEC 60079-19:2019)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 62386-332:2018/Ispr.1:2019 en pr
Digitalno upravljanje rasvjetom – 332. dio: Posebni zahtjevi – Ulazni uređaji – Povratne informacije (IEC 62386-332:2017/Corr.1:2019; EN IEC 62386-332:2018/AC:2019)
Digital addressable lighting interface – Part 332: Particular requirements – Input devices – Feedback (IEC 62386-332:2017/Corr.1:2019; EN IEC 62386-332:2018/AC:2019)

HRN EN IEC 63013:2019 en pr
Svjetleće diode – Dugoročna projekcija održavanja svjetlosnog i zračećeg toka (IEC 63013:2017; EN IEC 63013:2019)
LED packages – Long-term luminous and radiant flux maintenance projection (IEC 63013:2017; EN IEC 63013:2019)

HZN/TO E55, Žice za namote

HRN EN 60851-5:2008/A2:2019 en pr
Žice za namote – Ispitne metode – 5. dio: Električna svojstva (IEC 60851-5:2008/am2:2019; EN 60851-5:2008/A2:2019)
Winding wires – Test methods – Part 5: Electrical properties (IEC 60851-5:2008/am2:2019; EN 60851-5:2008/A2:2019)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-5:2015/A11:2019 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-5: Posebni zahtjevi za perilice posuđa (EN 60335-2-5:2015/A11:2019)
Household and similar electrical appliances – Safety – Part 2-5: Particular requirements for dishwashers (EN 60335-2-5:2015/A11:2019)

HRN EN 60335-2-52:2008/A12:2019 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-52: Posebni zahtjevi za aparate za higijenu usta (EN 60335-2-52:2003/A12:2019)
Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances (EN 60335-2-52:2003/A12:2019)

HRN EN 60335-2-61:2008/A11:2019 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-61: Posebni zahtjevi za termoakumulacijske peći (EN 60335-2-61:2003/A11:2019)
Household and similar electrical appliances – Safety – Part 2-61: Particular requirements for thermal-storage room heaters (EN 60335-2-61:2003/A11:2019)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN IEC 60601-2-46:2019 en pr
Medicinska električna oprema – Dio 2-46: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke operacijskih stolova (IEC 60601-2-46:2016; EN IEC 60601-2-46:2019)
Medical electrical equipment – Part 2-46: Particular requirements for the basic safety and essential performance of operating tables (IEC 60601-2-46:2016; EN IEC 60601-2-46:2019)

HRN EN IEC 62985:2019 en pr
Metode proračuna za procjenu doze za veličinu pacijenta (SSDE) za računalnu tomografiju (IEC 62985:2019; EN IEC 62985:2019)
Methods for calculating size specific dose estimates (SSDE) on computed tomography (IEC 62985:2019; EN IEC 62985:2019)

HZN/TO E81, Zaštita od munje

HRN EN IEC 62858:2019 en pr
Određivanje gustoće udara munja na temelju sustava za lociranje munja – Opća načela (IEC 62858:2019; EN IEC 62858:2019)
Lightning density based on lightning location systems (LLS) – General principles (IEC 62858:2019; EN IEC 62858:2019)

HZN/TO E88, Vjetroagregati

HRN EN 61400-2:2015/Ispr.1:2019 en pr
Vjetroagregati – 2. dio: Mali vjetroagregati (IEC 61400-2:2013/Corr.1:2019; EN 61400-2:2014/AC:2019)
Wind turbines – Part 2: Small wind turbines (IEC 61400-2:2013/Corr.1:2019; EN 61400-2:2014/AC:2019)

HRN EN 61400-11:2014/A1:2018/Ispr.1:2019 en pr
Sustavi za proizvodnju energije iz vjetra – 11. dio: Postupci mjerenja akustične buke (IEC 61400-11:2012/am1:2018/Corr.1:2019; EN 61400-11:2013/A1:2018/AC:2019)
Wind turbines – Part 11: Acoustic noise measurement techniques (IEC 61400-11:2012/am1:2018/Corr.1:2019; EN 61400-11:2013/A1:2018/AC:2019)

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

HRN EN IEC 62680-1-5:2019 en pr
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-5: Zajedničke komponente – Definicija razreda uređaja USB Audio 3.0 (IEC 62680-1-5:2019; EN IEC 62680-1-5:2019)
Universal serial bus interfaces for data and power – Part 1-5: Common components – USB Audio 3.0 device class definition (IEC 62680-1-5:2019; EN IEC 62680-1-5:2019)

HRN EN IEC 62680-1-6:2019 en pr
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-6: Zajedničke komponente – Definicija razreda uređaja USB Audio 3.0, osnovne funkcije (IEC 62680-1-6:2019; EN IEC 62680-1-6:2019)
Universal serial bus interfaces for data and power – Part 1-6: Common components – USB Audio 3.0 device class definition basic functions (IEC 62680-1-6:2019; EN IEC 62680-1-6:2019)

HRN EN IEC 62680-1-7:2019 en pr
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-7: Zajedničke komponente – Definicija razreda uređaja USB Audio 3.0, formati podataka (IEC 62680-1-7:2019; EN IEC 62680-1-7:2019)
Universal serial bus interfaces for data and power – Part 1-7: Common components – USB Audio 3.0 device class definition data formats (IEC 62680-1-7:2019; EN IEC 62680-1-7:2019)

HRN EN IEC 62680-1-8:2019 en pr
Sučelja univerzalnih serijskih sabirnica za podatke i napajanje – Dio 1-8: Zajedničke komponente – Definicija razreda uređaja USB Audio 3.0, tipovi terminala (IEC 62680-1-8:2019; EN IEC 62680-1-8:2019)
Universal serial bus interfaces for data and power – Part 1-8: Common components – USB Audio 3.0 device class definition terminal types (IEC 62680-1-8:2019; EN IEC 62680-1-8:2019)

HRN EN IEC 63006:2019 en pr
Bežični prijenos energije (WPT) – Pojmovnik (IEC 63006:2019; EN IEC 63006:2019)
Wireless power transfer (WPT) – Glossary of terms (IEC 63006:2019; EN IEC 63006:2019)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRN EN IEC 62209-3:2019 en pr
Mjerni postupak za procjenu specifične brzine apsorpcije kod izloženosti ljudi radiofrekvencijskim poljima ručnih uređaja za bežičnu komunikaciju i uređaja za bežičnu komunikaciju postavljenih uz tijelo – 3. dio: Sustavi bazirani na mjerenu vektora (Frekvencijsko područje od 600 MHz do 6 GHz) (IEC 62209-3:2019; EN IEC 62209-3:2019)
Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 3: Vector measurement-based systems (Frequency range of 600 MHz to 6 GHz) (IEC 62209-3:2019; EN IEC 62209-3:2019)

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

HRN EN IEC 61857-32:2019 en pr
Električni izolacijski sustavi – Postupci za procjenu toplinskih svojstava – 32. dio: Višeparametarska procjena s povećanim parametrima tijekom dijagnostičkog ispitivanja (IEC 61857-32:2019; EN IEC 61857-32:2019)
Electrical insulation systems – Procedures for thermal evaluation – Part 32: Multifactor evaluation with increased factors during diagnostic testing (IEC 61857-32:2019; EN IEC 61857-32:2019)

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN IEC 60118-9:2019 en pr
Elektroakustika – Slušna pomagala – 9. dio: Metode mjerenja karakteristika slušnih pomagala temeljenih na provodnosti kosti (IEC 60118-9:2019; EN IEC 60118-9:2019)
Electroacoustics – Hearing aids – Part 9: Methods of measurement of the performance characteristics of bone conduction hearing aids (IEC 60118-9:2019; EN IEC 60118-9:2019)

HRN EN IEC 60565-2:2019 en pr
Podvodna akustika – Hidrofoni – Umjeravanje hidrofona – 2. dio: Postupci za umjeravanje tlaka na niskim frekvencijama (IEC 60565-2:2019; EN IEC 60565-2:2019)
Underwater acoustics – Hydrophones – Calibration of hydrophones – Part 2: Procedures for low frequency pressure calibration (IEC 60565-2:2019; EN IEC 60565-2:2019)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 301 549 V3.1.1:2019 en pr
Zahtjevi s obzirom na dostupnost ICT proizvoda i usluga (EN 301 549 V3.1.1:2019)
Accessibility requirements for ICT products and services (EN 301 549 V3.1.1:2019)

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRN EN ISO/IEC 17029:2019 en pr
Ocjenjivanje sukladnosti – Opća načela i zahtjevi za tijela koja provode validaciju i verifikaciju (ISO/IEC 17029:2019; EN ISO/IEC 17029:2019)
Conformity Assessment – General principles and requirements for validation and verification bodies (ISO/IEC 17029:2019; EN ISO/IEC 17029:2019)

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

HRN EN 1269:2019 en pr
Tekstilne podne obloge – Ocjena impregnacije iglanih podnih obloga pomoću ispitivanja zemljom (EN 1269:2019)
Textile floor coverings – Assessment of impregnations in needled floor coverings by means of a soiling test (EN 1269:2019)

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

HRN EN ISO 8504-1:2019 en pr
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Metode pripreme površina – 1. dio: Opća načela (ISO 8504-1:2019; EN ISO 8504-1:2019)
Preparation of steel substrates before application of paints and related products – Surface preparation methods – Part 1: General principles (ISO 8504-1:2019; EN ISO 8504-1:2019)

HRN EN ISO 8504-2:2019 en pr
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Metode pripreme površina – 2. dio: Čišćenje mlazom abraziva (ISO 8504-2:2019; EN ISO 8504-2:2019)
Preparation of steel substrates before application of paints and related products – Surface preparation methods – Part 2: Abrasive blast-cleaning (ISO 8504-2:2019; EN ISO 8504-2:2019)

HZN/TU N1, Nemetalni materijali 1

HRN EN 16214-1:2019 en pr
Kriteriji održivosti za proizvodnju biogoriva i biotekućina za dobivanje energije – Načela, kriteriji, indikatori i sredstva za provjeru – 1. dio: Nazivlje (EN 16214-1:2012+A1:2019)
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 1: Terminology (EN 16214-1:2012+A1:2019)

HRN EN 16214-4:2019 en pr
Kriteriji održivosti za proizvodnju biogoriva i biotekućina za dobivanje energije – Načela, kriteriji, indikatori i sredstva za provjeru – 4. dio: Metode izračuna bilance emisije stakleničkih plinova pomoću pristupa analize životnoga ciklusa (EN 16214-4:2013+A1:2019)
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach (EN 16214-4:2013+A1:2019)

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

HRN EN ISO 9693:2019 en pr
Stomatologija – Ispitivanje kompatibilnosti metalkeramičkih i keramičkih sustava (ISO 9693:2019; EN ISO 9693:2019)
Dentistry – Compatibility testing for metal-ceramic and ceramic-ceramic systems (ISO 9693:2019; EN ISO 9693:2019)

HRN EN ISO 81060-2:2019 en pr
Neinvazivni sfigmomanometri – 2. dio: Klinička ispitivanja automatiziranih vrsta mjerenja (ISO 81060-2:2018; EN ISO 81060-2:2019)
Non-invasive sphygmomanometers – Part 2: Clinical investigation of intermittent automated measurement type (ISO 81060-2:2018; EN ISO 81060-2:2019)

HZN/TU U1, Opća elektrotehnika 1

HRN EN 60068-2-64:2009/A1:2019 en pr
Ispitivanje utjecaja okoliša – Dio 2-64: Ispitivanja – Fh ispitivanje: Vibracije, širokopojasne slučajne i upute (IEC 60068-2-64:2008/am1:2019; EN 60068-2-64:2008/A1:2019)
Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance (IEC 60068-2-64:2008/am1:2019; EN 60068-2-64:2008/A1:2019)

HZN/TU V1, Elektronika 1

HRN EN 50411-3-3:2019 en pr
Fibre management systems and protective housings to be used in optical fibre communication systems – Product specifications – Part 3-3: Singlemode optical fibre fusion splice protectors (EN 50411-3-3:2019)

- HRN EN IEC 60384-16:2019 en pr
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 16. dio: Sekcijska specifikacija – Fiksni kondenzatori za istosmjerni napon s dielektrikom od metalizirane polipropilenske folije (IEC 60384-16:2019; EN IEC 60384-16:2019)
Fixed capacitors for use in electronic equipment – Part 16: Sectional specification – Fixed metallized polypropylene film dielectric DC capacitors (IEC 60384-16:2019; EN IEC 60384-16:2019)
- HRN EN IEC 60539-2:2019 en pr
Izravno grijani termistori s negativnim temperaturnim koeficijentima – 2. dio: Sekcijska specifikacija – Termistori s negativnim temperaturnim koeficijentima za površinsku montažu (IEC 60539-2:2019; EN IEC 60539-2:2019)
Directly heated negative temperature coefficient thermistors – Part 2: Sectional specification – Surface mount negative temperature coefficient thermistors (IEC 60539-2:2019; EN IEC 60539-2:2019)
- HRN EN IEC 60794-1-23:2019 en pr
Svjetlovodni kabeli – Dio 1-23: Generička specifikacija – Osnovni postupci ispitivanja svjetlovodnih kabela – Metode ispitivanja elemenata kabela (IEC 60794-1-23:2019; EN IEC 60794-1-23:2019)
Optical fibre cables – Part 1-23: Generic specification – Basic optical cable test procedures – Cable element test methods (IEC 60794-1-23:2019; EN IEC 60794-1-23:2019)
- HRN EN IEC 60917-1:2019 en pr
Modularni slijed za razvoj mehaničkih struktura za primjenu elektroničke opreme – 1. dio: Norma srodnih područja (IEC 60917-1:2019; EN IEC 60917-1:2019)
Modular order for the development of mechanical structures for electronic equipment practices – Part 1: Generic standard (IEC 60917-1:2019; EN IEC 60917-1:2019)
- HRN EN IEC 61076-3-123:2019 en pr
Connectors for electrical and electronic equipment – Product requirements – Part 3-123: Rectangular connectors – Detail specification for hybrid connectors for industrial environments, for power supply and fibre optic data transmission, with push-pull locking (IEC 61076-3-123:2019; EN IEC 61076-3-123:2019)
- HRN EN IEC 61169-1-2:2019 en pr
Radiofrekvencijski konektori – Dio 1-2: Metode električnih ispitivanja – Uneseno prigušenje (IEC 61169-1-2:2019; EN IEC 61169-1-2:2019)
Radio-frequency connectors – Part 1-2: Electrical test methods – Insertion loss (IEC 61169-1-2:2019; EN IEC 61169-1-2:2019)
- HRN EN IEC 61169-24:2019 en pr
Radiofrekvencijski konektori – 24. dio: Sekcijska specifikacija – Radiofrekvencijski koaksijalni konektori s navojnim spajanjem, tipični za upotrebu u kablovskim mrežama od 75 oma (Tip F) (IEC 61169-24:2019; EN IEC 61169-24:2019)
Radio-frequency connectors – Part 24: Sectional specification – Radio frequency coaxial connectors with screw coupling, typically for use in 75 Ω cable networks (type F) (IEC 61169-24:2019; EN IEC 61169-24:2019)
- HRN EN IEC 61169-64:2019 en pr
Radiofrekvencijski konektori – 64. dio: Sekcijska specifikacija – Koaksijalni RF konektori s unutarnjim promjerom vanjskog vodiča 0,8 mm – Karakteristična impedancija od 50 Ω (Tip 0,8) (IEC 61169-64:2019; EN IEC 61169-64:2019)
Radio frequency connectors – Part 64: Sectional specification – RF coaxial connectors with 0,8 mm inner diameter of outer conductor – Characteristic impedance 50 Ω (type 0,8) (IEC 61169-64:2019; EN IEC 61169-64:2019)
- HRN EN IEC 61300-3-21:2019 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 3-21: Ispitivanja i mjerenja – Vrijeme preklapanja (IEC 61300-3-21:2019; EN IEC 61300-3-21:2019)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-21: Examinations and measurements – Switching time (IEC 61300-3-21:2019; EN IEC 61300-3-21:2019)
- HRN EN IEC 61333:2019 en pr
Označivanje feritnih jezgara (IEC 61333:2019; EN IEC 61333:2019)
Marking on ferrite cores (IEC 61333:2019; EN IEC 61333:2019)
- HRN EN IEC 62025-2:2019 en pr
Indukcijske komponente visoke frekvencije – Neelektrične karakteristike i metode mjerenja – 2. dio: Metode ispitivanja neelektričnih karakteristika (IEC 62025-2:2019; EN IEC 62025-2:2019)
High frequency inductive components – Non-electrical characteristics and measuring methods – Part 2: Test methods for non-electrical characteristics (IEC 62025-2:2019; EN IEC 62025-2:2019)
- HRN EN IEC 62343-2-1:2019 en pr
Dinamički moduli – Dio 2-1: Ocjenjivanje pouzdanosti – Predložak ispitivanja (IEC 62343-2-1:2019; EN IEC 62343-2-1:2019)
Dynamic modules – Part 2-1: Reliability qualification – Test template (IEC 62343-2-1:2019; EN IEC 62343-2-1:2019)
- HRN EN IEC 62668-1:2019 en pr
Upravljanje procesima za elektroničku zrakoplovnu opremu – Sprečavanje krivotvorina – 1. dio: Izbjegavanje upotrebe krivotvorenih, lažnih i recikliranih elektroničkih komponenti (IEC 62668-1:2019; EN IEC 62668-1:2019)
Process management for avionics – Counterfeit prevention – Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components (IEC 62668-1:2019; EN IEC 62668-1:2019)
- HRN EN IEC 62668-2:2019 en pr
Upravljanje procesima za elektroničku zrakoplovnu opremu – Sprečavanje krivotvorina – 2. dio: Upravljanje elektroničkim komponentama iz izvora bez koncesije (IEC 62668-2:2019; EN IEC 62668-2:2019)
Process management for avionics – Counterfeit prevention – Part 2: Managing electronic components from non-franchised sources (IEC 62668-2:2019; EN IEC 62668-2:2019)
- HRN EN IEC 62878-1:2019 en pr
Device embedding assembly technology – Part 1: Generic specification for device embedded substrates (IEC 62878-1:2019; EN IEC 62878-1:2019)
- HRN EN IEC 62878-2-5:2019 en pr
Device embedding assembly technology – Part 2-5: Guidelines – Implementation of a 3D data format for device embedded substrate (IEC 62878-2-5:2019; EN IEC 62878-2-5:2019)
- HRN EN IEC 63202-1:2019 en pr
Fotonaponske ćelije – 1. dio: Mjerenje propadanja fotonaponskih ćelija od kristalnog silicija izazvanog svjetlošću (IEC 63202-1:2019; EN IEC 63202-1:2019)
Photovoltaic cells – Part 1: Measurement of light-induced degradation of crystalline silicon photovoltaic cells (IEC 63202-1:2019; EN IEC 63202-1:2019)

HZN/TU W1, Energetska elektrotehnika 1

- HRN EN 45555:2019 en pr
Opće metode za procjenu mogućnosti recikliranja i uporabe proizvoda koji troše energiju (EN 45555:2019)
General methods for assessing the recyclability and recoverability of energy related products (EN 45555:2019)
- HRN EN 50465:2015/A1:2019 en pr
Plinski uređaji – Kombinirani uređaj za grijanje i proizvodnju energije nazivnog toplinskog opterećenja manjeg ili jednakog 70 kW (EN 50465:2015/A1:2019)
Gas appliances – Combined heat and power appliance of nominal heat input inferior or equal to 70 kW (EN 50465:2015/A1:2019)
- HRN EN 50632-2-6:2015/A1:2019 en pr
Elektromotorni alati – Postupak mjerenja prašine – Dio 2-6: Posebni zahtjevi za čekiče (EN 50632-2-6:2015/A1:2019)
Electric motor-operated tools – dust measurement procedure – Part 2-6: Particular requirements for hammers (EN 50632-2-6:2015/A1:2019)
- HRN EN 60644:2010/A1:2019 en pr
Specifikacija za visokonaponske rastalne uloške za primjene u krugu motora (IEC 60644:2009/am1:2019; EN 60644:2009/A1:2019)
Specification for high-voltage fuse-links for motor circuit applications (IEC 60644:2009/am1:2019; EN 60644:2009/A1:2019)

HRN EN IEC 62885-9:2019 en pr
Uređaji za čišćenje površina – 9. dio: Strojevi za čišćenje poda s ili bez pogona, za komercijalnu uporabu – Metode za mjerenje značajka (IEC 62885-9:2019; EN IEC 62885-9:2019)
Surface cleaning appliances – Part 9: Floor treatment machines with or without traction drive, for commercial use – Methods of measuring the performance (IEC 62885-9:2019; EN IEC 62885-9:2019)

HRN EN IEC 63136:2019 en pr
Električne perilice posuđa za ugostiteljsku primjenu – Metode ispitivanja za mjerenje značajki (IEC 63136:2019; EN IEC 63136:2019)
Electric dishwashers for commercial use – Test methods for measuring the performance (IEC 63136:2019; EN IEC 63136:2019)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacrtima hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacrtu hrvatske norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

Nacrti su hrvatskih norma zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 28, *Naftni proizvodi i maziva*

nHRN EN 228:2017/NA hr izv
Goriva za motorna vozila – Bezolovni motorni benzin – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – Unleaded petrol – Requirements and test methods – National Annex

nHRN EN 589:2018/NA hr izv
Goriva za motorna vozila – UNP – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – LPG – Requirements and test methods – National Annex

nHRN EN 590:2017/NA hr izv
Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – Diesel – Requirements and test methods – National Annex

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 21, *Protupožarna i vatrogasna oprema*

prEN 17446 en
Fire extinguishing systems in commercial kitchens – Design and test requirements
Protupožarni sustavi za profesionalne kuhinje – Projektiranje i zahtjevi za ispitivanje

prEN 17450-1 en
Fixed firefighting systems – Water mist components – Part 1: Product characteristics and test methods for strainer and filter components
Stabilni protupožarni sustavi – Komponente sustava vodene magle – 1. dio: Značajke proizvoda i metode ispitivanja za komponente sita i filtera

prEN 17451 en
Fixed firefighting systems – Automatic sprinkler systems – Design, assembly, installation and commissioning of pump sets
Stabilni protupožarni sustavi – Automatski sustavi za prskanje (sprinkler sustavi) – Projektiranje, sklapanje, ugradnja i preuzimanje sustava crpki

HZN/TO 22, *Cestovna vozila*

ISO 2575:2010/Amd 6:2017 en
Road vehicles – Symbols for controls, indicators and tell-tales
Cestovna vozila – Simboli za upravljačke naprave, indikatore i pokazne svjetiljke

ISO 2575:2010/Amd 7:2017 en
Road vehicles – Symbols for controls, indicators and tell-tales
Cestovna vozila – Simboli za upravljačke naprave, indikatore i pokazne svjetiljke

ISO 2698:2016 en
Diesel engines – Clamp-mounted fuel injectors, types 7 and 28
Dizelski motori – Ubrizgači goriva pričvršćeni stezaljkom, tipovi 7 i 28

ISO 3888-1:2018 en
Passenger cars – Test track for a severe lane-change manoeuvre – Part 1: Double lane-change
Osobni automobili – Ispitna staza za manevar nagle promjene pravca gibanja – 1. dio: Dvostruka promjena pravca gibanja

ISO 4141-1:2019 en
Road vehicles – Multi-core connecting cables – Part 1: Test methods and requirements for basic performance sheathed cables
Cestovna vozila – Višežilni spojni kabeli – 1. dio: Metode ispitivanja i zahtjevi za obložene kabele s osnovnim radnim značajkama

ISO 4141-2:2019 en
Road vehicles – Multi-core connecting cables – Part 2: Test methods and requirements for high performance sheathed cables
Cestovna vozila – Višežilni spojni kabeli – 2. dio: Metode ispitivanja i zahtjevi za obložene kabele s visokozahvatnim radnim značajkama

ISO 4141-3:2019 en
Road vehicles – Multi-core connecting cables – Part 3: Construction, dimensions and marking of unscreened sheathed low-voltage cables
Cestovna vozila – Višežilni spojni kabeli – 3. dio: Izrada, mjere i označavanje neoklopljenih obloženih niskonaponskih kabela

- ISO 4223-1:2017 en
Definitions of some terms used in the tyre industry – Part 1: Pneumatic tyres
Definicije nekih naziva koji se upotrebljavaju u proizvodnji guma – 1. dio: Pneumatske gume
- ISO 4250-1:2017 en
Earth-mover tyres and rims – Part 1: Tyre designation and dimensions
Gume i naplatci za strojeve za zemljane radove – 1. dio: Oznaka i dimenzije guma
- ISO 4251-2:2019 en
Code designated diagonal tyres (ply rating marked series) for agricultural tractors, trailers and machines – Part 2: Tyre load ratings
Dijagonalne gume označene kodnom oznakom (nizovi s oznakom broja slojeva) za poljoprivredne traktore, prikolice i strojeve – 2. dio: Nazivne nosivosti guma
- ISO 5011:2014/Amd 1:2018 en
Inlet air cleaning equipment for internal combustion engines and compressors – Performance testing
Oprema za pročišćivanje ulaznog zraka za motore s unutarnjim izgaranjem i kompresore – Ispitivanje značajka
- ISO 6469-1:2019 en
Electrically propelled road vehicles – Safety specifications – Part 1: Rechargeable energy storage system (RESS)
Cestovna vozila na električni pogon – Sigurnosne specifikacije – 1. dio: Sustav ponovljivog pohranjivanja energije u vozilu (RESS)
- ISO 6469-2:2018 en
Electrically propelled road vehicles – Safety specifications – Part 2: Vehicle operational safety
Cestovna vozila na električni pogon – Sigurnosne specifikacije – 2. dio: Sigurnost rada vozila
- ISO 6469-3:2018 en
Electrically propelled road vehicles – Safety specifications – Part 3: Electrical safety
Cestovna vozila na električni pogon – Sigurnosne specifikacije – 3. dio: Električna sigurnost
- ISO 6546:2018 en
Road vehicles – Collection of accident data for evaluation of occupant restraint performance
Cestovna vozila – Prikupljanje podataka o nezgodi za vrednovanje značajka sustava sigurnosti putnika u vozilu
- ISO 6621-1:2018 en
Internal combustion engines – Piston rings – Part 1: Vocabulary
Motori s unutarnjim izgaranjem – Klipni prstenovi – 1. dio: Terminološki rječnik
- ISO 7612:2018 en
Diesel engines – Base-mounted in-line fuel injection pumps and high-pressure supply pumps for common rail fuel injection systems – Mounting dimensions
Dizelski motori – Redne pumpe za ubrizgavanje goriva ugrađene na ravnu podlogu i visokotlačne dobavne pumpe za sustave ubrizgavanja goriva sa zajedničkim spremnikom (common rail) – Ugradbene dimenzije
- ISO 7638-1:2018 en
Road vehicles – Connectors for the electrical connection of towing and towed vehicles – Part 1: Connectors for braking systems and running gear of vehicles with 24 V nominal supply voltage
Cestovna vozila – Spojnici za električno spajanje vučnih i vučenih vozila – 1. dio: Spojnici za kočne sustave i podvozja vozila s nazivnim naponom napajanja od 24 V
- ISO 7638-2:2018 en
Road vehicles – Connectors for the electrical connection of towing and towed vehicles – Part 2: Connectors for braking systems and running gear of vehicles with 12 V nominal supply voltage
Cestovna vozila – Spojnici za električno spajanje vučnih i vučenih vozila – 2. dio: Spojnici za kočne sustave i podvozja vozila s nazivnim naponom napajanja od 12 V
- ISO 7867-1:2018 en
Metric series for agricultural, forestry machines and construction tyres – Part 1: Tyre designation, dimensions and marking, and tyre/rim coordination
Metrički nizovi za gume poljoprivrednih, šumarskih i građevinskih strojeva – 1. dio: Oznaka, dimenzije, označavanje guma i usklađivanje guma/naplatak
- ISO 7867-2:2018 en
Metric series for agricultural, forestry machines and construction tyres – Part 2: Load ratings for agricultural tyres
Metrički nizovi za gume poljoprivrednih, šumarskih i građevinskih strojeva – 2. dio: Nazivne nosivosti guma za poljoprivredne strojeve
- ISO 8664:2018 en
Tyres for agricultural tractors and machines – Code-designated and service-description marked radial drive-wheel tyres
Gume za poljoprivredne traktore i strojeve – Radijalne gume za pogonske kotače označene kodnom oznakom i uporabnim značajkama
- ISO/TR 8713:2019 en
Electrically propelled road vehicles – Vocabulary
Cestovna vozila na električni pogon – Terminološki rječnik
- ISO 9816:2018 en
Passenger cars – Power-off reaction of a vehicle in a turn – Open-loop test method
Osobni automobili – Reakcija vozila u zaokretanju pri naglom otpuštanju papučice snage – Metoda ispitivanja otvorenim petljom
- ISO 10499-1:2019 en
Industrial tyres and rims – Rubber solid tyres (metric series) for pneumatic tyre rims – Part 1: Designation, dimensions and marking
Gume i naplatci za industrijska vozila – Gumene pune gume (metrički nizovi) za naplatke pneumatskih guma – 1. dio: Oznaka, dimenzije i označavanje
- ISO 11452-2:2019 en
Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 2: Absorber-lined shielded enclosure
Cestovna vozila – Metode ispitivanja sastavnica na električne smetnje od uskopojsnoga zračenja elektromagnetske energije – 2. dio: Kavez s apsorberima
- ISO 11795:2018 en
Agricultural tractor drive wheel tyres – Explanation of rolling circumference index (RCI) and speed radius index (SRI) and method of measuring tyre rolling circumference
Gume za pogonske kotače poljoprivrednih traktora – Objašnjenje indeksa opsega kotrljanja (RCI) i indeksa radijusa brzine i metoda mjerenja opsega kotrljanja gume
- ISO 11992-1:2019 en
Road vehicles – Interchange of digital information on electrical connections between towing and towed vehicles – Part 1: Physical and data-link layers
Cestovna vozila – Razmjena digitalnih podataka na električnim spojevima između vučnih i vučenih vozila – 1. dio: Fizički sloj i sloj veze između podataka
- ISO 12214:2018 en
Road vehicles – Direction-of-motion stereotypes for automotive hand controls
Cestovna vozila – Stereotipni pravci gibanja za ručne upravljačke naprave u automobilu
- ISO 13325:2019 en
Tyres – Coast-by methods for measurement of tyre-to-road sound emission
Cestovna vozila – Oblik razmjene multimedijских podataka za ispitivanja sudarom
- ISO/TS 13499:2019 en
Road vehicles – Multimedia data exchange format for impact tests
Cestovna vozila – Oblik razmjene multimedijских podataka za ispitivanja sudarom
- ISO 15037-1:2019 en
Road vehicles – Vehicle dynamics test methods – Part 1: General conditions for passenger cars
Cestovna vozila – Metode ispitivanja dinamike vozila – 1. dio: Opći uvjeti za osobne automobile
- ISO 16845-2:2018 en
Road vehicles – Controller area network (CAN) conformance test plan – Part 2: High-speed medium access unit – Conformance test plan
Cestovna vozila – Postupak provjere usklađenosti regulatora mrežnog područja (CAN) – 2. dio: Jedinica za pristup mediju velike brzine – Postupak provjere usklađenosti
- ISO 18807:2019 en
Tyres and rims for logging and forestry service
Gume i naplatci za vozila za šumarske radove

HZN/TO 28, Naftni proizvodi i maziva

EN 16942:2016/prA1:2019 en
Fuels – Identification of vehicle compatibility – Graphical expression for consumer information
Goriva – Identifikacija kompatibilnosti vozila – Grafički prikaz informacija za potrošače

HZN/TO 44, Zavarivanje i srodni postupci

prEN ISO 12671 en
Thermal spraying – Thermally sprayed coatings – Symbolic representation on drawings (ISO/DIS 12671:2019)
Toplinsko naštrcavanje – Toplinski naštrcane prevlake – Simbolički prikaz na crtežima (ISO/DIS 12671:2019)

prEN ISO 15792-2 en
Welding consumables – Test methods – Part 2: Preparation of single-run and two-run technique test specimens in steel (ISO/DIS 15792-2: 2019)
Dodatni i potrošni materijali za zavarivanje – Metode ispitivanja – 2. dio: Priprema čeličnih ispitnih uzoraka za jednostrano ili dvostrano zavarivanje u jednom prolazu (ISO/DIS 15792-2: 2019)

HZN/TO 92, Zaštita od požara

prEN 13381-1 en
Test methods for determining the contribution to the fire resistance of structural members – Part 1: Horizontal protective membranes
Metode ispitivanja za određivanje doprinosa otpornosti na požar konstrukcijskih elemenata – 1. dio: Horizontalne zaštitne membrane

HZN/TO 120, Koža i obuća

prEN ISO 24267 en
Friction – Test methods for casual footwear and components (ISO/DIS 24267:2019)
Trenje – Metode ispitivanja za obuću i komponente obuće za slobodno vrijeme (ISO/DIS 24267:2019)

HZN/TO 121, Anestetička i respiracijska oprema

prEN ISO 4135 en
Anaesthetic and respiratory equipment – Vocabulary and semantics (ISO/DIS 4135:2019)
Anestetička i respiracijska oprema – Terminološki rječnik (ISO/DIS 4135:2019)

HZN/TO 135, Nerazorna ispitivanja

prEN ISO 3452-1 en
Non-destructive testing – Penetrant testing – Part 1: General principles (ISO/DIS 3452-1:2019)
Nerazorno ispitivanje – Ispitivanje penetrantima – 1. dio: Opća načela (ISO/DIS 3452-1:2019)

prEN ISO 3452-2 en
Non-destructive testing – Penetrant testing – Part 2: Testing of penetrant materials (ISO/DIS 3452-2:2019)
Nerazorno ispitivanje – Ispitivanje penetrantima – 2. dio: Ispitivanje penetrantnih materijala (ISO/DIS 3452-2:2019)

HZN/TO 145, Grafički simboli

prEN ISO 7010 en
Graphical symbols – Safety colours and safety signs – Registered safety signs (ISO 7010:2019)
Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti (ISO 7010:2019)

HZN/TO 146, Kvaliteta zraka

prEN 16429 en
Stationary source emissions – Reference method for the determination of the concentration of gaseous hydrogen chloride (HCl) in waste gases emitted by industrial installations into the atmosphere
Emisije iz nepokretnih izvora – Referentna metoda za određivanje koncentracije plinovitog klorovodika (HCl) koji industrijska postrojenja ispuštaju u atmosferu

prEN ISO 21832 en
Workplace air – Metals and metalloids in airborne particles – Requirements for evaluation of measuring procedures (ISO 21832:2018)
Zrak u radnom prostoru – Metali i metaloidi u lebdećim česticama – Zahtjevi za vrednovanje postupaka mjerenja (ISO 21832:2018)

HZN/TO 165, Drvene konstrukcije

EN 384:2016+A1:2018/prA2 en
Structural timber – Determination of characteristic values of mechanical properties and density
Konstrukcijsko drvo – Određivanje karakterističnih vrijednosti mehaničkih svojstava i gustoće

EN 14081-2:2018/prA1 en
Timber structures – Strength graded structural timber with rectangular cross section – Part 2: Machine grading, additional requirements for initial type testing
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 2. dio: Strojno razvrstavanje, dodatni zahtjevi za početno ispitivanje tipa

prEN 14081-3 en
Timber structures – Strength graded structural timber with rectangular cross section – Part 3: Machine grading; additional requirements for factory production control
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 3. dio: Strojno razvrstavanje, dodatni zahtjevi za kontrolu tvorničke proizvodnje

HZN/TO 207, Upravljanje okolišem

prEN ISO 14091 en
Adaptation to climate change – Guidelines on vulnerability, impacts and risk assessment (ISO/DIS 14091:2019)
Prilagodba klimatskim promjenama – Upute o ranjivosti, utjecajima i procjeni rizika (ISO/DIS 14091:2019)

HZN/TO 211, Geoinformacije/Geomatika

prEN ISO 19111 en
Geographic information – Referencing by coordinates (ISO 19111:2019)
Geoinformacije – Referenciranje koordinatama (ISO 19111:2019)

HZN/TO 215, Medicinska informatika

prEN ISO 11073-10201 en
Health informatics – Device interoperability – Part 10201: Point-of-care medical device communication – Domain information model (ISO/IEEE FDIS 11073-10201:2019)

HZN/TO 218, Drvo

prEN 13647 en
Wood flooring and wood panelling and cladding – Determination of geometrical characteristics
Drvene podne obloge i drvene obloge za zidove i stropove – Određivanje geometrijskih značajka

prEN 17456 en
Wood flooring and parquet – Determination of top and bottom layer delamination of multilayer elements – Test method

HZN/TO 502, Plinski uređaji

prEN 497 en
Specification for dedicated liquefied petroleum gas appliances – Multi purpose boiling burners for outdoor use
Odredbe za aparate na ukapljeni naftni plin – Višenamjenski plamenici za kuhanje (kuhala) na ukapljeni plin za primjenu na otvorenom

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

prEN ISO 15761 en
Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries (ISO/DIS 15761:2019)
Čelični zasuni, ventili i nepovratni ventili nazivnog promjera 100 i manjeg, za industriju nafte i prirodnog plina (ISO/DIS 15761:2019)

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

prEN 13411-9 en
Terminations for steel wire ropes – Safety – Part 9: Solid thimbles
Završetci čelične užadi – Sigurnost – 9. dio: Pune uške

HZN/TO 533, Kolničke konstrukcije

prEN 12697-48 en
Bituminous mixtures – Test methods – Part 48: Interlayer Bonding
Bitumenske mješavine – Metode ispitivanja – 48. dio: Povezanost slojeva

HZN/TO 544, Strojni elementi

prEN ISO 4042 en
Fasteners – Electroplated coating systems (ISO/DIS 4042:2019)
Spojni elementi – Sustavi elektrolitičke zaštite (ISO/DIS 4042:2019)

HZN/TO 549, Svjetlo i rasvjeta

EN 15193-1:2017/prA1 en
Energy performance of buildings – Energy requirements for lighting – Part 1: Specifications, Module M9
Energetska svojstva zgrade – Energetski zahtjevi za rasvjetu – 1. dio: Specifikacije, Modul M9

HZN/TO 550, Opskrba vodom

EN 17093:2018/prA1 en
Domestic appliances used for drinking water treatment not connected to water supply – Jug water filter systems – Safety and performance requirements, labeling and information to be supplied
Kućanski uređaji za obradu vode za piće koji nisu priključeni na vodoopskrbni sustav – Vrčevi s filtrima za vodu – Zahtjevi za sigurnost i radna svojstva, označavanje i prateće informacije

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN ISO 10434 en
Bolted bonnet steel gate valves for the petroleum; petrochemical and allied industries (ISO/DIS 10434:2019)
Čelični zasuni s kapom pričvršćenom vijcima za uporabu u naftnoj, petrokemijskoj i pratećim industrijama (ISO/DIS 10434:2019)

HZN/TO 560, Tekstilni proizvodi

prEN ISO 1833-25 en
Textiles – Quantitative chemical analysis – Part 25: Mixtures of polyester with certain other fibres (method using trichloroacetic acid and chloroform) (ISO/DIS 1833-25:2019)
Tekstil – Kvantitativna kemijska analiza – 25. dio: Mješavine poliesterskih i drugih vlakana (metoda s uporabom trikloroctene kiseline i kloroforma) (ISO/DIS 1833-25:2019)

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

prEN 286-4 en
Simple unfired pressure vessels designed to contain air or nitrogen – Part 4: Aluminium alloy pressure vessels designed for air braking equipment and auxiliary pneumatic equipment for railway rolling stock
Jednostavne neložene posude pod tlakom za zrak ili dušik – 4. dio: Posude pod tlakom od aluminijevih legura za zračne kočione i pomoćne pneumatske sustave tračnih vozila

EN 13445-2:2014/prA8 en
Unfired pressure vessels – Part 2: Materials
Neložene tlačne posude – 2. dio: Materijali

EN 13445-3:2014/prA19 en
Unfired pressure vessels – Part 3: Design
Neložene tlačne posude – 3. dio: Projektiranje

prEN ISO 17871 en
Gas cylinders – Quick-release cylinder valves – Specification and type testing (ISO/DIS 17871:2019)
Plinske boce – Brzootvarajući ventili – Specifikacija i ispitivanje tipa (ISO/DIS 17871:2019)

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

prEN 12778 en
Cookware – Pressure cookers for domestic use
Posuđe za kuhanje hrane – Lonac na pritisak za domaćinstvo

prEN ISO 23036-1 en
Microbiology of the food chain – Methods for the detection of Anisakidae L3 larvae in fish and fishery products – Part 1: UV-press method (ISO/DIS 23036-1:2019)

prEN ISO 23036-2 en
Microbiology of the food chain – Methods for the detection of Anisakidae L3 larvae in fish and fishery products – Part 2: Artificial digestion method (ISO/DIS 23036-2:2019)

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

prEN 17461 en
Gymnastic equipment – Individual and multifunctional vaulting boxes – Safety requirements and test methods

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

prEN 50705 en
Lighting equipment with radio communication – Safety requirements
Rasvjetna oprema s radiokomunikacijom – Zahtjevi za sigurnost

prEN IEC 61228:2019 en
Fluorescent ultraviolet lamps used for tanning – Measurement and specification method (IEC 61228:201X)
Ultraljubičaste fluorescentne žarulje za sunčanje – Postupak mjerenja i specifikacije (IEC 61228:201X)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

EN 60335-2-52:2003/prA2 en
Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for appliances for oral hygiene appliances (IEC 60335-2-52:2002/am2:2017)
Kućanski i slični električni aparati – Sigurnost – Dio 2-52: Posebni zahtjevi za aparate za higijenu usta (IEC 60335-2-52:2002/am2:2017)

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

prHD 60364-7-710:2019/prAA en
Low voltage electrical installations – Part 7-710: Requirements for special installations or locations – Medical locations
Niskonaponske električne instalacije – Dio 7-710: Zahtjevi za posebne instalacije ili prostore – Prostore za medicinsku upotrebu

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

prEN 62832-1:2019 en
Industrial-process measurement, control and automation – Digital factory framework – Part 1: General principles (IEC 62832-1:201X)

prEN IEC 62832-2:2019 en
Industrial-process measurement, control and automation – Digital Factory framework – Part 2: Model elements (IEC 62832-2:201X)

prEN IEC 62832-3:2019 en
Industrial-process measurement, control and automation – Digital Factory framework – Part 3: Application of Digital Factory for life cycle management of production systems (IEC 62832-3:201X)

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

EN 60268-7:2011/prA1:2019 en
Sound system equipment – Part 7: Headphones and earphones (IEC 60268-7:2010/am1:201X)
Oprema audiosustava – 7. dio: Naglavne i ušne slušalice (IEC 60268-7:2010/am1:201X)

prEN IEC 60268-22:2019 en
Sound system equipment – Electrical and mechanical measurements (IEC 60268-22:201X)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

EN IEC 61000-3-2:2019/prA1:2019 {frag2} en
Amendment 1/Fragment 2: Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2:2018/am1:201X {frag 2})
Amandaman 1/Fragment 2: Elektromagnetska kompatibilnost (EMC) – Dio 3-2: Granice – Granice za harmoničke strujne emisije (za ulazne struje uređaja ≤ 16 A po fazi) (IEC 61000-3-2:2018/am1:201X {frag 2})

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 303 345-2 V1.1.0:2019 en
Broadcast Sound Receivers – Part 2: AM broadcast sound service – Harmonised Standard for access to radio spectrum
Radiodifuzni audio prijamnici – 2. dio: AM radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 345-3 V1.1.0:2019 en
Broadcast Sound Receivers – Part 3: FM broadcast sound service – Harmonised Standard for access to radio spectrum
Radiodifuzni audio prijamnici – 3. dio: FM radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 345-4 V1.1.0:2019 en
Broadcast Sound Receivers – Part 4: DAB broadcast sound service – Harmonised Standard for access to radio spectrum
Radiodifuzni audio prijamnici – 4. dio: DAB radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 345-5 V1.1.0:2019 en
Broadcast Sound Receivers – Part 5: DRM broadcast sound service – Harmonised Standard for access to radio spectrum
Radiodifuzni audio prijamnici – 5. dio: DRM radiodifuzni audio servis – Harmonizirana norma za pristup radijskom spektru

Draft EN 303 645 V2.0.0:2019 en
CYBER – Cyber Security for Consumer Internet of Things
Kibernetički prostor – Kibernetička sigurnost za korisnički Internet stvari

Draft EN 319 403-1 V2.3.0:2019 en
Electronic Signatures and Infrastructures (ESI) – Trust Service Provider Conformity Assessment – Part 1: Requirements for conformity assessment bodies assessing Trust Service Providers
Elektronički potpisi i infrastrukture (ESI) – Ocjenjivanje sukladnosti vjerodostojnog davatelja usluga – 1. dio: Zahtjevi za tijela za ocjenjivanje sukladnosti koja ocjenjuju vjerodostojne davatelje usluga

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

prEN ISO 21043-2 en
Forensic sciences – Part 2: Recognition, recording, collecting, transport and storage of items (ISO 21043-2:2018)

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

prEN ISO 665 en
Oilseeds – Determination of moisture and volatile matter content (ISO/DIS 665:2019)
Uljarice – Određivanje količine vode i hlapljivih tvari (ISO/DIS 665:2019)

prEN ISO 2810 en
Paints and varnishes – Natural weathering of coatings – Exposure and assessment (ISO/DIS 2810:2019)
Boje i lakovi – Prirodno starenje prekrivnih materijala – Izlaganje i ocjena (ISO/DIS 2810:2019)

HZN/TU N1, Nemetalni materijali 1

prEN ISO 23306 en
Specification of liquefied natural gas as a fuel for marine applications (ISO/DIS 23306:2019)

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

prEN ISO 10873 en
Dentistry – Denture adhesives (ISO/DIS 10873:2019)
Stomatologija – Sredstva za poboljšanje držanja proteze (ISO/DIS 10873:2019)

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

FprEN 2854-003 en
Aerospace series – Cables, electrical for general purpose – Operating temperatures between -55 °C and 260 °C – Part 003: Product standard
Zrakoplovstvo – Kabeli, električni za opću uporabu – Radna temperatura između -55 °C i 260 °C – Dio 003: Norma za proizvod

FprEN 2997-002 en
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 002: Specification of performance and contact arrangements
Zrakoplovstvo – Spojnice, električne, kružne, spojene navojnim prstenom, otporne na vatru ili neotporne na vatru, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – Dio 002: Specifikacije značajki i položaji kontakta

FprEN 3639 en
Aerospace series – Heat resisting alloy X6NiCrTiMoV26-15 (1.4980) – Softened and cold worked – Wires for forged fasteners – $D \leq 15$ mm – 900 MPa $\leq R_m \leq 1\ 100$ MPa

FprEN 3879 en
Aerospace series – Metallic materials – Filler metal for welding – Technical specification

FprEN 4700-002 en
Aerospace series – Steel and heat resisting alloys – Wrought products – Technical specification – Part 002: Bar and section
Zrakoplovstvo – Čelik i legure otporne na toplinu – Grnječeni proizvodi – Tehnička specifikacija – Dio 002: Šipke i profili

FprEN 6025 en
Aerospace series – Plates – Aluminium alloy 2024 – Close tolerance flatness – Thickness – 6 mm $\leq a \leq 55$ mm – Dimensions

FprEN 6049-009 en
Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 009: Self-wrapping fire protection sleeve, flexible, post-installation, operating temperature from -55 °C to 260 °C – Product standard
Zrakoplovstvo – Električni kabeli, ugradnja – Zaštitna navlaka od meta-aramidnih vlakana – Dio 009: Samoomatajuća protupožarna zaštitna navlaka, prilagodljiva, za naknadnu ugradnju, radne temperature od -55 °C do 260 °C – Norma za proizvod

HZN/TU U1, Opća elektrotehnika 1

prEN IEC 60695-2-11:2019 en
Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products (GWEP) (IEC 60695-2-11:201X)
Ispitivanje na opasnost od požara – Dio 2-11: Metode ispitivanja na bazi užarene/vruće žice – Metoda ispitivanja zapaljivosti gotovih proizvoda užarenom žicom (GWEP) (IEC 60695-2-11:201X)

prEN IEC 60695-2-13:2019 en
Fire hazard testing – Part 2-13: Glowing/hot-wire based test methods – Glow-wire ignition temperature (GWIT) test method for materials (IEC 60695-2-13:201X)
Ispitivanje na opasnost od požara – Dio 2-13: Metode ispitivanja na bazi užarene/vruće žice – Metoda ispitivanja temperature zapaljenja materijala užarenom žicom (GWIT) (IEC 60695-2-13:201X)

prEN IEC 80000-6:2019 en
Quantities and units – Part 6: Electromagnetism
(IEC 80000-6:201X)
Veličine i jedinice – 6. dio: Elektromagnetizam
(IEC 80000-6:201X)

HZN/TU V1, *Elektronika 1*

prEN IEC 60384-13:2019 en
Fixed capacitors for use in electronic equipment – Part 13:
Sectional specification – Fixed polypropylene film dielectric
metal foil d.c. capacitors (IEC 60384-13:201X)

prEN IEC 60401-1:2019 en
Terms and nomenclature for cores made of magnetically soft
ferrites – Part 1: Terms used for physical irregularities and
reference of dimensions (IEC 60401-1:201X)

prEN IEC 61076-2-012:2019 en
Connectors for electrical and electronic equipment – Product
Requirements – Part 2-012: Circular connectors – Detail
specification for connectors with inner push-pull locking based
on M12 connector interfaces according to IEC 61076-2-101,
IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-113
(IEC 61076-2-012:201X)

prEN IEC 61300-3-53:2019 en
Fibre optic interconnecting devices and passive components
– Basic test and measurement procedures – Part 3-53:
Examinations and Measurements – Encircled angular flux
(EAF) measurement method based on two-dimensional
far field data from multimode waveguide (including fibre)
(IEC 61300-3-53:201X)

prEN IEC 62435-8:2019 en
Electronic components – Long-term storage of electronic
semiconductor devices – Part 8: Passive electronic devices
(IEC 62435-8:201X)

HZN/TU W1, *Energetska elektrotehnika 1*

EN 50559:2013/prAA:2019 en
Electric room heating, underfloor heating, characteristic
of performance – Definitions, method of testing, sizing and
formula symbols
Električno grijanje prostora, podno grijanje, značajke
izvedbe – Definicije, metoda ispitivanja, simboli za formule i
dimenzioniranje

EN 62841-3-1:2014/prA1:2019 en
Electric motor-operated hand-held tools, transportable
tools and lawn and garden machinery – Safety – Part 3-1:
Particular requirements for transportable table saws
(IEC 62841-3-1:2014/am1:201X)
Ručni elektromotorni alati, prijenosni alati i mehanizacija za
travnjake i vrtove – Sigurnost – Dio 3-1: Posebni zahtjevi za
prijenosne stolne pile (IEC 62841-3-1:2014/am1:201X)

EN 62841-3-1:2014/prA1:2019/prAA en
Electric motor-operated hand-held tools, transportable tools
and lawn and garden machinery – Safety – Part 3-1: Particular
requirements for transportable table saws
Ručni elektromotorni alati, prijenosni alati i mehanizacija za
travnjake i vrtove – Sigurnost – Dio 3-1: Posebni zahtjevi za
prijenosne stolne pile

prEN IEC 63241-2-1:2019 en
Electric Motor-Operated Tools – Dust Measurement Procedure
– Part 2-1: Particular requirements for hand-held core drills
(IEC 63241-2-1:201X)
Elektromotorni alati – Postupak mjerenja prašine
– Dio 2-1: Posebni zahtjevi za ručne krunske bušilice
(IEC 63241-2-1:201X)

HZN/TU Z1, *Informatika 1*

prEN ISO/IEC 15408-1 en
Information technology – Security techniques – Evaluation
criteria for IT security – Part 1: Introduction and general model
(ISO/IEC 15408-1:2009)
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji
za vrednovanje sigurnosti IT-a – 1. dio: Uvod i opći model
(ISO/IEC 15408-1:2009)

prEN ISO/IEC 15408-2 en
Information technology – Security techniques – Evaluation
criteria for IT security – Part 2: Security functional components
(ISO/IEC 15408-2:2008)
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za
vrednovanje sigurnosti IT-a – 2. dio: Funkcionalni zahtjevi za
sigurnost (ISO/IEC 15408-2:2008)

prEN ISO/IEC 15408-3 en
Information technology – Security techniques – Evaluation
criteria for IT security – Part 3: Security assurance components
(ISO/IEC 15408-3:2008)
Informacijska tehnologija – Sigurnosne tehnike – Kriteriji za
vrednovanje sigurnosti IT-a – 3. dio: Jamstveni zahtjevi za
sigurnost (ISO/IEC 15408-3:2008)

prEN ISO/IEC 18045 en
Information technology – Security techniques – Methodology
for IT security evaluation (ISO/IEC 18045:2008)
Informacijska tehnologija – Sigurnosne tehnike – Metodologija
za vrednovanje sigurnosti IT-a (ISO/IEC 18045:2008)

prEN ISO/IEC 19790 en
Information technology – Security techniques – Security
requirements for cryptographic modules (ISO/IEC 19790:2012)
Informacijska tehnologija – Sigurnosne tehnike – Sigurnosni
zahtjevi za kriptografske module (ISO/IEC 19790:2012)

prEN ISO/IEC 27007 en
Information technology – Security techniques – Guidelines
for information security management systems auditing
(ISO/IEC 27007:2017)
Informacijska tehnologija – Sigurnosne tehnike – Smjernice
za audit sustava upravljanja informacijskom sigurnošću
(ISO/IEC 27007:2017)

prEN ISO/IEC 27019 en
Information technology – Security techniques – Information
security controls for the energy utility industry
(ISO/IEC 27019:2017, Corrected version 2019-08)

prEN ISO/IEC 29134 en
Information technology – Security techniques – Guidelines for
privacy impact assessment (ISO/IEC 29134:2017)

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
neprijemljiva.

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 43, *Akustika*

HRN EN ISO 389-7:2008 en
Akustika – Referentna razina za umjeravanje audiometara
– 7. dio: Referentni prag čujnosti pri slušanju u slobodnome i
difuznome polju (ISO 389-7:2005; EN ISO 389-7:2005)
Acoustics – Reference zero for the calibration of audiometric
equipment – Part 7: Reference threshold of hearing
under free-field and diffuse-field listening conditions
(ISO 389-7:2005; EN ISO 389-7:2005)
- zamijenjena s: HRN EN ISO 389-7:2019

HRN EN ISO 389-7:2008/A1:2016 en
Akustika – Referentna razina za umjeravanje audiometara
– 7. dio: Referentni prag čujnosti pri slušanju u slobodnome
i difuznome polju – Amandman 1: Referentni prag
čujnosti kod 20 Hz i 18 000 Hz pri slušanju u slobodnome
polju i kod 20 Hz pri slušanju u difuznome polju
(ISO 389-7:2005/Amd 1:2016; EN ISO 389-7:2005/A1:2016)
Acoustics – Reference zero for the calibration of audiometric
equipment – Part 7: Reference threshold of hearing under
free-field and diffuse-field listening conditions – Amendment 1:
Reference threshold of hearing at 20 Hz and 18 000 Hz under
free-field listening conditions and at 20 Hz under diffuse-
field listening conditions (ISO 389-7:2005/Amd 1:2016;
EN ISO 389-7:2005/A1:2016)
- zamijenjena s: HRN EN ISO 389-7:2019

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 13919-1:1999 en
Zavarivanje – Elektronskim snopom i laserom izvedeni zavari – Upute za razine kakvoće s obzirom na greške – 1. dio: Čelik (ISO 13919-1:1996; EN ISO 13919-1:1996)
Welding – Electrons and laser beam welded joints – Guidance on quality levels for imperfections – Part 1: Steel (ISO 13919-1:1996; EN ISO 13919-1:1996)
- zamijenjena s: HRN EN ISO 13919-1:2019

HRN EN ISO 15614-7:2016 en
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Ispitivanje postupka zavarivanja – 7. dio: Navarivanje (ISO 15614-7:2016; EN ISO 15614-7:2016)
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 7: Overlay welding (ISO 15614-7:2016; EN ISO 15614-7:2016)
- zamijenjena s: HRN EN ISO 15614-7:2019

HRN EN 29090:2002 en
Nepropusnost opreme za plinsko zavarivanje i srodne postupke (ISO 9090:1989; EN 29090:1992)
Gas tightness of equipment for gas welding and allied processes (ISO 9090:1989; EN 29090:1992)
- zamijenjena s: HRN EN ISO 9090:2019

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 11197:2016 en
Medicinski opskrbeni uređaji (ISO 11197:2016; EN ISO 11197:2016)
Medical supply units (ISO 11197:2016; EN ISO 11197:2016)
- zamijenjena s: HRN EN ISO 11197:2019

HZN/TO 136, Namještaj

HRN EN 1130-1:1998 hr-en
Namještaj – Dječji krevetići i kolijevke za kućansku uporabu – 1. dio: Sigurnosni zahtjevi (EN 1130-1:1996)
Furniture – Cribs and cradles for domestic use – Part 1: Safety requirements (EN 1130-1:1996)
- zamijenjena s: HRN EN 1130:2019

HRN EN 1130-2:1998 hr-en
Namještaj – Dječji krevetići i kolijevke za kućansku uporabu – 2. dio: Metode ispitivanja (EN 1130-2:1996)
Furniture – Cribs and cradles for domestic use – Part 2: Test methods (EN 1130-2:1996)
- zamijenjena s: HRN EN 1130:2019

HZN/TO 147/PO 7, Kvaliteta vode; Mikrobiološka i biološka ispitivanja

HRN ISO 9998:1999 hr
Kakvoća vode – Postupci procjene i provjere mikrobioloških podloga za određivanje broja kolonija pri ispitivanju kakvoće vode (ISO 9998:1991)
Water quality – Practices for evaluating and controlling microbiological colony count media used in water quality tests (ISO 9998:1991)
- zamijenjena s: HRN EN ISO 11133:2014

HZN/TO 159, Ergonomija

HRN EN ISO 24500:2011 en
Ergonomija – Pristupačan dizajn – Zvučni signali za proizvode široke potrošnje (ISO 24500:2010; EN ISO 24500:2010)
Ergonomics – Accessible design – Auditory signals for consumer products (ISO 24500:2010; EN ISO 24500:2010)
- zamijenjena s: HRN EN ISO 24550:2019,
HRN EN ISO 24551:2019

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11551:2008 en
Optika i optički instrumenti – Laseri i pridružena oprema – Ispitna metoda za utvrđivanje apsorpcije laserskih optičkih komponenti (ISO 11551:2003; EN ISO 11551:2003)
Optics and optical instruments – Lasers and laser-related equipment – Test method for absorbance of optical laser components (ISO 11551:2003; EN ISO 11551:2003)
- zamijenjena s: HRN EN ISO 11551:2019

HZN/TO 179, Zidane konstrukcije

HRN EN 1015-11:2000 en
Metode ispitivanja mortova za zide – 11. dio: Određivanje čvrstoće pri savijanju i tlačne čvrstoće očvrstlog morta (EN 1015-11:1999)
Methods of test for mortar for masonry – Part 11: Determination of flexural and compressive strength of hardened mortar (EN 1015-11:1999)
- zamijenjena s: HRN EN 1015-11:2019

HRN EN 1015-11:2000/A1:2008 en
Metode ispitivanja mortova za zide – 11. dio: Određivanje čvrstoće pri savijanju i tlačne čvrstoće očvrstnalog morta (EN 1015-11:1999/A1:2006)
Methods of test for mortar for masonry – Part 11: Determination of flexural and compressive strength of hardened mortar (EN 1015-11:1999/A1:2006)
- zamijenjena s: HRN EN 1015-11:2019

HZN/TO 221, Geosintetici

HRN EN ISO 10722:2008 en
Geosintetici – Indeksni ispitni postupak za ocjenu mehaničkog oštećenja uz ponavljano opterećenje – Oštećenje uzrokovano zrnatim materijalom (ISO 10722:2007; EN ISO 10722:2007)
Geosynthetics – Index test procedure for the evaluation of mechanical damage under repeated loading – Damage caused by granular material (ISO 10722:2007; EN ISO 10722:2007)
- zamijenjena s: HRN EN ISO 10722:2019

HRN EN ISO 13426-1:2004 en
Geotekstil i proizvodi srodni s geotekstilom – Čvrstoća unutarnjih strukturnih spojeva – 1. dio: Geočelije (ISO 13426-1:2003; EN ISO 13426-1:2003)
Geotextiles and geotextile-related products – Strength of internal structural junctions – Part 1: Geocells (ISO 13426-1:2003; EN ISO 13426-1:2003)
- zamijenjena s: HRN EN ISO 13426-1:2019

HZN/TO 503, Metalni materijali

HRN EN 1971-1:2011 en
Bakar i legure bakra – Ispitivanje vrtložnim strujama radi mjerenja grešaka na bešavnim okruglim cijevima od bakra i legura bakra – 1. dio: Ispitivanje obuhvatnom ispitnom zavojnicom na vanjskoj površini (EN 1971-1:2011)
Copper and copper alloys – Eddy current test for measuring defects on seamless round copper and copper alloy tubes – Part 1: Test with an encircling test coil on the outer surface (EN 1971-1:2011)
- zamijenjena s: HRN EN 1971-1:2019

HRN EN 1971-2:2011 en
Bakar i legure bakra – Ispitivanje vrtložnim strujama radi mjerenja grešaka na bešavnim okruglim cijevima od bakra i legura bakra – 2. dio: Ispitivanje unutrašnjom ispitnom zavojnicom na unutrašnjoj površini (EN 1971-2:2011)
Copper and copper alloys – Eddy current test for measuring defects on seamless round copper and copper alloy tubes – Part 2: Test with an internal test coil on the inner surface (EN 1971-2:2011)
- zamijenjena s: HRN EN 1971-2:2019

HRN EN ISO 6892-1:2016 en
Metalni materijali – Vlačno ispitivanje – 1. dio: Metoda ispitivanja pri sobnoj temperaturi (ISO 6892-1:2016; EN ISO 6892-1:2016)
Metallic materials – Tensile testing – Part 1: Method of test at room temperature (ISO 6892-1:2016; EN ISO 6892-1:2016)
- zamijenjena s: HRN EN ISO 6892-1:2019

HRN EN 16090:2011 en
Bakar i legure bakra – Procjena prosječne veličine zrna ultrazvukom (EN 16090:2011)
Copper and copper alloys – Estimation of average grain size by ultrasound (EN 16090:2011)
- zamijenjena s: HRN EN 16090:2019

HZN/TO 508, Ambalaža i pakiranje

HRN EN ISO 4180:2010 en
Ambalaža – Cjelovite, ispunjene transportne pakovine – Opće upute za kompilaciju izvedbe redoslijeda ispitivanja (ISO 4180:2009; EN ISO 4180:2010)
Packaging – Complete, filled transport packages – General rules for the compilation of performance test schedules (ISO 4180:2009; EN ISO 4180:2010)
- zamijenjena s: HRN EN ISO 4180:2019

HZN/TO 509, Cestovna oprema

HRN EN 13422:2009 en
Vertikalna cestovna signalizacija – Prenosivi deformirajući upozoravajući uređaji i delineatori – Prenosivi prometni znakovi – Štošci i cilindri (EN 13422:2004+A1:2009)
Vertical road signs – Portable deformable warning devices and delineators – Portable road traffic signs – Cones and cylinders (EN 13422:2004+A1:2009)
- zamijenjena s: HRN EN 13422:2019

HZN/TO 528, Oprema za željeznice

HRN EN 14752:2015 en
Željeznički sustav – Sustavi bočnog ulaznja za željeznička vozila (EN 14752:2015)
Railway applications – Bodyside Entrance Systems for rolling stock (EN 14752:2015)
- zamijenjena s: HRN EN 14752:2019

HRN EN 16185-2:2015 en
Željeznički sustav – Kočni sustavi višedijelnih vlakova – 2. dio: Metode ispitivanja (EN 16185-2:2014)
Railway applications – Braking systems of multiple unit trains – Part 2: Test methods (EN 16185-2:2014)
- zamijenjena s: HRN EN 16185-2:2019

HRN EN 16207:2014 en
Željeznički sustav – Kočenje – Funkcionalni i izvedbeni kriteriji za elektromagnetske tračničke kočnice na željezničkim vozilima (EN 16207:2014)
Railway applications – Braking – Functional and performance criteria of Electromagnetic Track Brake systems for use in railway rolling stock (EN 16207:2014)
- zamijenjena s: HRN EN 16207:2019

HZN/TO 531, Plastika i guma

HRN EN ISO 2440:2008 en
Savijljivi i kruti pjenasti polimerni materijali – Ispitivanje ubranog starenja (ISO 2440:1997; EN ISO 2440:1999)
Flexible and rigid cellular polymeric materials – Accelerated ageing tests (ISO 2440:1997; EN ISO 2440:1999)
- zamijenjena s: HRN EN ISO 2440:2019

HRN EN ISO 2440:2008/A1:2010 en
Savijljivi i kruti pjenasti polimerni materijali – Ispitivanje ubranog starenja (ISO 2440:1997/Amd 1:2010; EN ISO 2440:1999/A1:2010)
Flexible and rigid cellular polymeric materials – Accelerated ageing tests – Amendment 1 (ISO 2440:1997/Amd 1:2010; EN ISO 2440:1999/A1:2010)
- zamijenjena s: HRN EN ISO 2440:2019

HRN EN ISO 2440:2008/A2:2014 en
Savijljivi i kruti pjenasti polimerni materijali – Ispitivanje ubranog starenja (ISO 2440:1997/Amd 2:2014; EN ISO 2440:1999/A2:2014)
Flexible and rigid cellular polymeric materials – Accelerated ageing tests (ISO 2440:1997/Amd 2:2014; EN ISO 2440:1999/A2:2014)
- zamijenjena s: HRN EN ISO 2440:2019

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

HRN EN ISO 12759:2015 en
Ventilatori – Razredba učinkovitosti ventilatora (ISO 12759:2010, uključujući Amd 1:2013; EN ISO 12759:2015)
Fans – Efficiency classification for fans (ISO 12759:2010, including Amd 1:2013; EN ISO 12759:2015)
- zamijenjena s: HRN EN ISO 12759-4:2019

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 15898:2012 hr-en
Očuvanje kulturnog dobra – Glavni opći nazivi i definicije (EN 15898:2011)
Conservation of cultural property – Main general terms and definitions (EN 15898:2011)
- zamijenjena s: HRN EN 15898:2019

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 25424:2011 en
Sterilizacija medicinskih uređaja – Niskotemperaturna para i formaldehid – Zahtjevi za razvoj, vrednovanje i rutinsku kontrolu sterilizacijskog postupka za medicinske uređaje (ISO 25424:2009; EN ISO 25424:2011)
Sterilization of medical devices – Low temperature steam and formaldehyde – Requirements for development, validation and routine control of a sterilization process for medical devices (ISO 25424:2009; EN ISO 25424:2011)
- zamijenjena s: HRN EN ISO 25424:2019

HZN/TO 557, Zaštitna odjeća

HRN EN 510:2001 en
Specifikacija za zaštitnu odjeću za primjenu na mjestima gdje postoji opasnost od zahvaćanja pokretnim dijelovima (EN 510:1993)
Specification for protective clothing for use where there is a risk of entanglement with moving parts (EN 510:1993)
- zamijenjena s: HRN EN 510:2019

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1833-15:2010 en
Tekstil – Kvantitativna kemijska analiza – 15. dio: Mješavine jute i određenih životinjskih vlakana (metoda određivanja sadržaja dušika) (ISO 1833-15:2006; EN ISO 1833-15:2010)
Textiles – Quantitative chemical analysis – Part 15: Mixtures of jute and certain animal fibres (method by determining nitrogen content) (ISO 1833-15:2006; EN ISO 1833-15:2010)
- zamijenjena s: HRN EN ISO 1833-15:2019

HRN EN ISO 13938-1:2008 en
Tekstilije – Otpornost na probijanje – 1. dio: Hidraulička metoda određivanja čvrstoće kod probijanja i visine ispućenja (ISO 13938-1:1999; EN ISO 13938-1:1999)
Textiles – Bursting properties of fabrics – Part 1: Hydraulic method for determination of bursting strength and bursting distension (ISO 13938-1:1999; EN ISO 13938-1:1999)
- zamijenjena s: HRN EN ISO 13938-1:2019

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

HRN EN 1802:2002 en
Prenosive plinske boce – Periodični pregled i ispitivanje bešavnih plinskih boca od aluminijskih legura (EN 1802:2002)
Transportable gas cylinders – Periodic inspection and testing of seamless aluminium alloy gas cylinders (EN 1802:2002)
- bez zamjene

HRN EN 1803:2002 en
Prenosive plinske boce – Periodični pregled i ispitivanje zavarenih plinskih boca od ugljičnog čelika (EN 1803:2002)
Transportable gas cylinders – Periodic inspection and testing of welded carbon steel gas cylinders (EN 1803:2002)
- bez zamjene

HRN EN 1968:2003 en
Prenosive plinske boce – Periodični pregled i ispitivanje bešavnih čeličnih plinskih boca (EN 1968:2002)
Transportable gas cylinders – Periodic inspection and testing of seamless steel gas cylinders (EN 1968:2002)
- bez zamjene

HRN EN 1968:2003/A1:2008 en
Prenosive plinske boce – Periodični pregled i ispitivanje bešavnih čeličnih plinskih boca (EN 1968:2002/A1:2005)
Transportable gas cylinders – Periodic inspection and testing of seamless steel gas cylinders (EN 1968:2002/A1:2005)
- bez zamjene

HRN EN ISO 10156:2010/Ispr.1:2012 en
Plinovi i plinske smjese – Određivanje zapaljivosti i oksidacijskih svojstava za odabir priključaka za ventile na bocama – Tehnički ispravak 1 (ISO 10156:2010/Cor 1:2010; EN ISO 10156:2010/AC:2010)
Gases and gas mixtures – Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets – Technical Corrigendum 1 (ISO 10156:2010/Cor 1:2010; EN ISO 10156:2010/AC:2010)
- zamijenjena s: HRN EN ISO 10156:2017

HRN EN ISO 10961:2012 en
Plinske boce – Baterije boca – Projektiranje, izrada, ispitivanje i pregled (ISO 10961:2010; EN ISO 10961:2012)
Gas cylinders – Cylinder bundles – Design, manufacture, testing and inspection (ISO 10961:2010; EN ISO 10961:2012)
- zamijenjena s: HRN EN ISO 10961:2019

HRN EN ISO 11117:2008 en
Plinske boce – Zaštitne kape ventila i štitnici ventila – Projektiranje, izrada i ispitivanja (ISO 11117:2008; EN ISO 11117:2008)
Gas cylinders – Valve protection caps and valve guards – Design, construction and tests (ISO 11117:2008; EN ISO 11117:2008)
- zamijenjena s: HRN EN ISO 11117:2019

HRN EN ISO 11117:2008/Ispr.1:2012 en
Plinske boce – Zaštitne kape ventila i štitnici ventila – Projektiranje, izrada i ispitivanja – Ispravak 1 (ISO 11117:2008/Cor 1:2009; EN ISO 11117:2008/AC:2010)
Gas cylinders – Valve protection caps and valve guards – Design, construction and tests – Technical Corrigendum 1 (ISO 11117:2008/Cor 1:2009; EN ISO 11117:2008/AC:2010)
- zamijenjena s: HRN EN ISO 11117:2019

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

HRS CEN ISO/TS 21268-4:2010 en
Kvaliteta tla – Postupci ispiranja za naknadna kemijska i ekotoksikološka ispitivanja tla i tvari u tlu – 4. dio: Utjecaj pH na ispiranje s početnim dodavanjem kiselina/baza (ISO/TS 21268-4:2007; CEN ISO/TS 21268-4:2009)
Soil quality – Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil materials – Part 4: Influence of pH on leaching with initial acid/base addition (ISO/TS 21268-4:2007; CEN ISO/TS 21268-4:2009)
- zamijenjena s: HRN EN ISO 21268-4:2019

HZN/TO E501, Elektroakustika i ultrazvuk

HRN IEC 60118-9:2002 en
Slušna pomagala – 9. dio: Postupci mjerenja značajki slušnih pomagala s vibratorom za koštanu vodljivost (IEC 60118-9:1985)
Hearing aids – Part 9: Methods of measurement of characteristics of hearing aids with bone vibrator output (IEC 60118-9:1985)
- zamijenjena s: HRN HD 450.9 S1:2012

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

HRN EN 1269:2015 en
Tekstilne podne obloge – Ocjena impregnacije iglanih podnih obloga pomoću ispitivanja zemljom (EN 1269:2015)
Textile floor coverings – Assessment of impregnations in needled floor coverings by means of a soiling test (EN 1269:2015)
- zamijenjena s: HRN EN 1269:2019

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

HRN EN ISO 8504-1:2002 en
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Metode pripreme površina – 1. dio: Opća načela (ISO 8504-1:2000; EN ISO 8504-1:2001)
Preparation of steel substrates before application of paints and related products – Surface preparation methods – Part 1: General principles (ISO 8504-1:2000; EN ISO 8504-1:2001)
- zamijenjena s: HRN EN ISO 8504-1:2019

HRN EN ISO 8504-2:2004 en
Priprema čeličnih podloga prije nanošenja boja i srodnih proizvoda – Metode pripreme površina – 2. dio: Čišćenje mlazom abraziva (ISO 8504-2:2000; EN ISO 8504-2:2001)
Preparation of steel substrates before application of paints and related products – Surface preparation methods – Part 2: Abrasive blast-cleaning (ISO 8504-2:2000; EN ISO 8504-2:2001)
- zamijenjena s: HRN EN ISO 8504-2:2019

HZN/TU N1, Nemetalni materijali 1

HRN EN 16214-1:2013 en
Kriteriji održivosti za proizvodnju biogoriva i biotekućina za dobivanje energije – Načela, kriteriji, indikatori i sredstva za provjeru – 1. dio: Nazivlje (EN 16214-1:2012)
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 1: Terminology (EN 16214-1:2012)
- zamijenjena s: HRN EN 16214-1:2019

HRN EN 16214-4:2013 en
Kriteriji održivosti za proizvodnju biogoriva i biotekućina za dobivanje energije – Načela, kriteriji, indikatori i sredstva za provjeru – 4. dio: Metode izračuna bilance emisije stakleničkih plinova pomoću pristupa analize životnoga ciklusa (EN 16214-4:2013)
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach (EN 16214-4:2013)
- zamijenjena s: HRN EN 16214-4:2019

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

HRN EN ISO 9693-1:2012 en
Stomatologija – Ispitivanje kompatibilnosti – 1. dio: Metalkeramički sustavi (ISO 9693-1:2012; EN ISO 9693-1:2012)
Dentistry – Compatibility testing – Part 1: Metal-ceramic systems (ISO 9693-1:2012; EN ISO 9693-1:2012)
- zamijenjena s: HRN EN ISO 9693:2019

HRN EN ISO 9693-2:2016 en
Stomatologija – Ispitivanje kompatibilnosti – 2. dio: Keramički sustavi (ISO 9693-2:2016; EN ISO 9693-2:2016)
Dentistry – Compatibility testing – Part 2: Ceramic-ceramic systems (ISO 9693-2:2016; EN ISO 9693-2:2016)
- zamijenjena s: HRN EN ISO 9693:2019

HRN EN ISO 81060-2:2014 en
Neinvazivni sfigmomanometri – 2. dio: Klinička ispitivanja automatiziranih vrsta mjerenja (ISO 81060-2:2013; EN ISO 81060-2:2014)
Non-invasive sphygmomanometers – Part 2: Clinical investigation of automated measurement type (ISO 81060-2:2013; EN ISO 81060-2:2014)
- zamijenjena s: HRN EN ISO 81060-2:2019

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 207, Upravljanje okolišem

• umjesto

HRN EN ISO 14034:2018
Upravljanje okolišem – Verifikacija tehnologija **s obzirom na zaštitu okoliša** (ETV) (ISO 14034:2016; EN ISO 14034:2018)
Environmental management – Environmental technology verification (ETV) (ISO 14034:2016; EN ISO 14034:2018)

• treba biti

HRN EN ISO 14034:2018
Upravljanje okolišem – Verifikacija tehnologija **za zaštitu okoliša** (ETV) (ISO 14034:2016; EN ISO 14034:2018)
Environmental management – Environmental technology verification (ETV) (ISO 14034:2016; EN ISO 14034:2018)

HZN/TO 556, *Osobna zaštitna oprema*

- **umjesto**
HRN EN ISO 22568-3:2019
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za sastavne dijelove obuće – 3. dio: Metalni neprobojni **uložak** (ISO 22568-3:2019; EN ISO 22568-3:2019)
Foot and leg protectors – Requirements and test methods for footwear components – Part 3: Metallic perforation resistant inserts (ISO 22568-3:2019; EN ISO 22568-3:2019)
- **treba biti**
HRN EN ISO 22568-3:2019
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za sastavne dijelove obuće – 3. dio: Metalni neprobojni **umetak** (ISO 22568-3:2019; EN ISO 22568-3:2019)
Foot and leg protectors – Requirements and test methods for footwear components – Part 3: Metallic perforation resistant inserts (ISO 22568-3:2019; EN ISO 22568-3:2019)
- **umjesto**
HRN EN ISO 22568-4:2019
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za sastavne dijelove obuće – 4. dio: Nemetalni **uložak** otporan na proboj (ISO 22568-4:2019; EN ISO 22568-4:2019)
Foot and leg protectors – Requirements and test methods for footwear components – Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2019; EN ISO 22568-4:2019)
- **treba biti**
HRN EN ISO 22568-4:2019
Štitnici stopala i nogu – Zahtjevi i metode ispitivanja za sastavne dijelove obuće – 4. dio: Nemetalni **umetak** otporan na proboj (ISO 22568-4:2019; EN ISO 22568-4:2019)
Foot and leg protectors – Requirements and test methods for footwear components – Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2019; EN ISO 22568-4:2019)

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

- **umjesto**
HRN EN 13480-1:2017
Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2017)
Metallic industrial piping – Part 1: General (EN 13480-1:2017)
- **treba biti**
HRN EN 13480-1:2017
Metalni industrijski cjevovodi – 1. dio: Općenito (EN 13480-1:2017, **2. izdanje 2019-06**)
Metallic industrial piping – Part 1: General (EN 13480-1:2017, **Issue 2 2019-06**)
- **umjesto**
HRN EN 13480-2:2017
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2017)
Metallic industrial piping – Part 2: Materials (EN 13480-2:2017)
- **treba biti**
HRN EN 13480-2:2017
Metalni industrijski cjevovodi – 2. dio: Materijali (EN 13480-2:2017, **2. izdanje 2019-06**)
Metallic industrial piping – Part 2: Materials (EN 13480-2:2017, **Issue 2 2019-06**)
- **umjesto**
HRN EN 13480-5:2017
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje (EN 13480-5:2017)
Metallic industrial piping – Part 5: Inspection and testing (EN 13480-5:2017)
- **treba biti**
HRN EN 13480-5:2017
Metalni industrijski cjevovodi – 5. dio: Pregled i ispitivanje (EN 13480-5:2017, **2. izdanje 2019-06**)
Metallic industrial piping – Part 5: Inspection and testing (EN 13480-5:2017, **Issue 2 2019-06**)

- **umjesto**
HRN EN 13480-6:2017
Metalni industrijski cjevovodi – 6. dio: Dodatni zahtjevi za ukopane cjevovode (EN 13480-6:2017)
Metallic industrial piping – Part 6: Additional requirements for buried piping (EN 13480-6:2017)
- **treba biti**
HRN EN 13480-6:2017
Metalni industrijski cjevovodi – 6. dio: Dodatni zahtjevi za ukopane cjevovode (EN 13480-6:2017, **2. izdanje 2019-06**)
Metallic industrial piping – Part 6: Additional requirements for buried piping (EN 13480-6:2017, **Issue 2 2019-06**)
- **umjesto**
HRN EN 13480-8:2017
Metalni industrijski cjevovodi – 8. dio: Dodatni zahtjevi za ukopane cjevovode od aluminija i aluminijevih legura (EN 13480-8:2017)
Metallic industrial piping – Part 8: Additional requirements for aluminium and aluminium alloy piping (EN 13480-8:2017)
- **treba biti**
HRN EN 13480-8:2017
Metalni industrijski cjevovodi – 8. dio: Dodatni zahtjevi za ukopane cjevovode od aluminija i aluminijevih legura (EN 13480-8:2017, **2. izdanje 2019-06**)
Metallic industrial piping – Part 8: Additional requirements for aluminium and aluminium alloy piping (EN 13480-8:2017, **Issue 2 2019-06**)

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

- **umjesto**
HRN EN ISO 20696:2018
Sterilni kateteri za mokraćnu cijev za jednokratnu upotrebu (ISO 20696:2018; EN ISO 20696:2018)
Sterile urethral catheters for single use (ISO 20696:2018; EN ISO 20696:2018)
- **treba biti**
HRN EN ISO 20696:2018
Sterilni kateteri za mokraćnu cijev za jednokratnu upotrebu (ISO 20696:2018, **ispravljena verzija 2018-09**; EN ISO 20696:2018)
Sterile urethral catheters for single use (ISO 20696:2018, **Corrected version 2018-09**; EN ISO 20696:2018)

1.10 **Prijevod** hrvatskih normativnih dokumenata

HZN/TO 557, *Zaštitna odjeća*

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

- HRN EN 1073-2:2003 hr-en pr-pp
Odjeća za zaštitu od radioaktivne kontaminacije – 2. dio: Zahtjevi i metode ispitivanja za neprozračivu odjeću za zaštitu od kontaminacije radioaktivnim česticama (EN 1073-2:2002)
Protective clothing against radioactive contamination – Part 2: Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination (EN 1073-2:2002)
- HRN EN 420:2011 hr-en pr-pp
Zaštitne rukavice – Opći zahtjevi i metode ispitivanja (EN 420:2003+A1:2009)
Protective gloves – General requirements and test methods (EN 420:2003+A1:2009)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 253	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	23.040.07; 23.040.10	2019-10
EN 416	Gas-fired overhead radiant tube heaters and radiant tube heater systems for non-domestic use – Safety and energy efficiency	97.100.20	2019-10
EN 419	Gas-fired overhead luminous radiant heaters for non-domestic use – Safety and energy efficiency	97.100.20	2019-10
EN 448	District heating pipes – Bonded single pipe systems for directly buried hot water networks – Factory made fitting assemblies of steel service pipes, polyurethane thermal insulation and a casing of polyethylene	23.040.07; 23.040.40	2019-10
EN 474-1+A6	Earth-moving machinery – Safety – Part 1: General requirements	53.100	2019-10
EN 488	District heating pipes – Bonded single pipe systems for directly buried hot water networks – Factory made steel valve assembly for steel service pipes, polyurethane thermal insulation and a casing of polyethylene	23.060.01	2019-10
EN 489-1	District heating pipes – Bonded single and twin pipe systems for buried hot water networks – Part 1: Joint casing assemblies and thermal insulation for hot water networks in accordance with EN 13941-1	23.040.07; 23.040.60	2019-10
EN 721	Leisure accommodation vehicles – Safety ventilation requirements	43.100	2019-10
EN 1176-2+AC	Playground equipment and surfacing – Part 2: Additional specific safety requirements and test methods for swings	97.200.40	2019-10
EN 1176-5	Playground equipment and surfacing – Part 5: Additional specific safety requirements and test methods for carousels	97.200.40	2019-10
EN 1612	Plastics and rubber machines – Reaction moulding machines and plants – Safety requirements	83.200	2019-10
EN 3155-003	Aerospace series – Electrical contacts used in elements of connection – Part 003: Contacts, electrical, female, type A, crimp, class S – Product standard	49.060	2019-10
EN 3278	Aerospace series – Sleeves, tubular, protruding head, in corrosion resisting steel, passivated (0,25 mm wall thickness)	49.030.99	2019-10
EN 3660-033	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	49.060	2019-10
EN 3740	Aerospace series – Bolts, shouldered, thin hexagonal head, close tolerance shank, short thread, in titanium alloy, anodized, MoS ₂ coated – Classification: 1100 MPa (at ambient temperature)/315 °C	49.030.20	2019-10
EN 4161	Aerospace series – Screws, pan head, offset cruciform recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated – Classification: 1100 PMA (at ambient temperature)/235 °C	49.030.20	2019-10
EN 4165-022	Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 022: Insertion/extraction tool for removal of modules – Product standard	49.060	2019-10
EN 4539-2	Aerospace series – Bearing, spherical, plain, in corrosion resisting steel with self-lubricating liner – Elevated load under low oscillations – Wide series – Dimensions and loads – Part 2: Inch series	49.035	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
EN 4854-1	Aerospace series – Bearing, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions, narrow series – Part 1: Dimensions and loads for narrow series	49.035	2019-10
EN 4854-2	Aerospace series – Bearing, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions, wide series – Part 2: Dimensions and loads	49.035	2019-10
EN 4854-3	Aerospace series – Bearing, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions – Part 3: Technical specification	49.035	2019-10
EN 12390-4	Testing hardened concrete – Part 4: Compressive strength – Specification for testing machines	91.100.30	2019-10
EN 12390-16	Testing hardened concrete – Part 16: Determination of the shrinkage of concrete	91.100.30	2019-10
EN 12390-17	Testing hardened concrete – Part 17: Determination of creep of concrete in compression	91.100.30	2019-10
EN 12413	Safety requirements for bonded abrasive products	25.100.70	2019-10
EN 12449+A1	Copper and copper alloys – Seamless, round tubes for general purposes	23.040.15; 77.120.30	2019-10
EN 13272-1	Railway applications – Electrical lighting for rolling stock in public transport systems – Part 1: Heavy rail	45.060.01; 91.160.10	2019-10
EN 13272-2	Railway applications – Electrical lighting for rolling stock in public transport systems – Part 2: Urban rail	45.140; 91.160.10	2019-10
EN 13674-2	Railway applications – Track – Rail – Part 2: Switch and crossing rails used in conjunction with Vignole railway rails 46 kg/m and above	93.100	2019-10
EN 14366+A1	Laboratory measurement of noise from waste water installations	17.140.20; 91.140.80	2019-10
EN 14419	District heating pipes – Bonded single and twin pipe systems for buried hot water networks – Surveillance systems	23.040.07	2019-10
EN 15154-5	Emergency safety showers – Part 5: Water overhead body showers for sites other than laboratories	71.040.10	2019-10
EN 15332	Heating boilers – Energy assessment of hot water storage tanks	91.140.65	2019-10
EN 15493	Candles – Specification for fire safety	71.100.99	2019-10
EN 15633-1	Foodstuffs – Detection of food allergens by immunological methods – Part 1: General considerations	67.050	2019-10
EN 15634-1	Foodstuffs – Detection of food allergens by molecular biological methods – Part 1: General considerations	07.100.30	2019-10
EN 15634-2	Foodstuffs – Detection of food allergens by molecular biological methods – Part 2: Celery (<i>Apium graveolens</i>) – Detection of a specific DNA sequence in cooked sausages by real-time PCR	07.100.30; 67.120.10	2019-10
EN 15698-1	District heating pipes – Bonded twin pipe systems for directly buried hot water networks – Part 1: Factory made twin pipe assembly of steel service pipes, polyurethane thermal insulation and one casing of polyethylene	23.040.07; 23.040.10	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
EN 15698-2	District heating pipes – Bonded twin pipe systems for directly buried hot water networks – Part 2: Factory made fitting and valve assemblies of steel service pipes, polyurethane thermal insulation and one casing of polyethylene	23.040.07	2019-10
EN 15804+A2	Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products	91.010.99	2019-10
EN 15842	Foodstuffs – Detection of food allergens – General considerations and validation of methods	67.050	2019-10
EN 16437+A1	Chemical disinfectants and antiseptics – Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in veterinary area on porous surfaces without mechanical action – Test method and requirements (phase 2, step 2)	71.100.35	2019-10
EN 16612	Glass in building – Determination of the lateral load resistance of glass panes by calculation	81.040.20	2019-10
EN 16613	Glass in building – Laminated glass and laminated safety glass – Determination of interlayer viscoelastic properties	81.040.20	2019-10
EN 16641	Textile floor coverings – Guidelines for acceptable colour deviations	97.150	2019-10
CEN/TS 16794-1	Public transport – Communication between contactless readers and fare media – Part 1: Implementation requirements for ISO/IEC 14443	35.240.15; 35.240.60	2019-10
CEN/TS 16794-2	Public transport – Communication between contactless readers and fare media – Part 2: Test plan for ISO/IEC 14443	35.240.15; 35.240.60	2019-10
EN 17074	Glass in building – Environmental product declaration – Product category rules for flat glass products	81.040.20	2019-10
EN 17082	Domestic and non-domestic gas-fired forced convection air heaters for space heating not exceeding a net heat input of 300 kW	97.100.20	2019-10
EN 17175	Gas-fired overhead radiant strip heaters and multi-burner continuous radiant tube heater systems for non-domestic use – Safety and energy efficiency	97.100.20	2019-10
EN 17248	District heating and district cooling pipe systems – Terms and definitions	01.040.23; 23.040.07	2019-10
EN 17254	Foodstuffs – Minimum performance requirements for determination of gluten by ELISA	67.050	2019-10
EN 17256	Animal feeding stuffs: Methods of sampling and analysis – Determination of ergot alkaloids and tropane alkaloids in feed materials and compound feeds by LC-MS/MS	65.120; 71.040.40	2019-10
EN 17270	Animal feeding stuffs: Methods of sampling and analysis – Determination of theobromine in feed materials and compound feed, including cocoa derived ingredients, by liquid chromatography	65.120	2019-10
EN 17277	Hydrometry – Measurement requirements and classification of rainfall intensity measuring instruments	07.060	2019-10
EN 17279	Foodstuffs – Multimethod for the screening of aflatoxin B1, deoxynivalenol, fumonisin B1 and B2, ochratoxin A, T-2 toxin, HT-2 toxin and zearalenone in foodstuffs, excluding foods for infants and young children, by LC-MS/MS	67.050	2019-10

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EN 17280	Foodstuffs – Determination of zearalenone and trichothecenes including deoxynivalenol and its acetylated derivatives (3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol), nivalenol T-2 toxin and HT-2 toxin in cereals and cereal products by LC-MS/MS	67.060	2019-10
CEN/TS 17378	Intelligent transport systems – Urban ITS – Air quality management in urban areas	13.040.50; 35.240.60	2019-10
CEN/TS 17380	Intelligent transport systems – Urban-ITS – ‘Controlled Zone’ management for UVARs using C-ITS	03.220.20; 35.240.60	2019-10
CEN/TR 17426	Sanitary appliances – Drainage systems for the application of sanitary appliances	91.140.70; 91.140.80	2019-10
EN ISO 105-A03	Textiles – Tests for colour fastness – Part A03: Grey scale for assessing staining (ISO 105-A03:2019)	59.080.01	2019-10
EN ISO 129-1	Technical product documentation (TPD) – Presentation of dimensions and tolerances – Part 1: General principles (ISO 129-1:2018)	01.100.01	2019-10
EN ISO 374-2	Protective gloves against dangerous chemicals and micro-organisms – Part 2: Determination of resistance to penetration (ISO 374-2:2019)	13.340.40	2019-10
EN ISO 374-4	Protective gloves against dangerous chemicals and micro-organisms – Part 4: Determination of resistance to degradation by chemicals (ISO 374-4:2019)	13.340.40	2019-10
EN ISO 1833-9	Textiles – Quantitative chemical analysis – Part 9: Mixtures of acetate with certain other fibres (method using benzyl alcohol) (ISO 1833-9:2019)	59.060.01	2019-10
EN ISO 1833-13	Textiles – Quantitative chemical analysis – Part 13: Mixtures of certain chlorofibres with certain other fibres (method using carbon disulfide/acetone) (ISO 1833-13:2019)	59.060.01	2019-10
EN ISO 1833-14	Textiles – Quantitative chemical analysis – Part 14: Mixtures of acetate with certain other fibres (method using glacial acetic acid) (ISO 1833-14:2019)	59.060.01	2019-10
EN ISO 3175-5	Textiles – Professional care, drycleaning and wetcleaning of fabrics and garments – Part 5: Procedure for testing performance when cleaning and finishing using dibutoxymethane (ISO 3175-5:2019)	59.080.01	2019-10
EN ISO 3175-6	Textiles – Professional care, drycleaning and wetcleaning of fabrics and garments – Part 6: Procedure for testing performance when cleaning and finishing using decamethylpentacyclosiloxane (ISO 3175-6:2019)	59.080.01	2019-10
EN ISO 3183	Petroleum and natural gas industries – Steel pipe for pipeline transportation systems (ISO 3183:2019)	75.200; 77.140.75	2019-10
EN ISO 3233-2	Paints and varnishes – Determination of the percentage volume of non-volatile matter – Part 2: Method using the determination of non-volatile-matter content in accordance with ISO 3251 and determination of dry film density on coated test panels by the Archimedes principle (ISO 3233-2:2019)	87.040	2019-10
EN ISO 3630-1	Dentistry – Endodontic instruments – Part 1: General requirements (ISO 3630-1:2019)	11.060.20	2019-10
EN ISO 3826-1	Plastics collapsible containers for human blood and blood components – Part 1: Conventional containers (ISO 3826-1:2019)	11.040.20	2019-10
EN ISO 3964/A1	Dentistry – Coupling dimensions for handpiece connectors – Amendment 1: Interface dimensions (ISO 3964:2016/Amd 1:2018)	11.060.25	2019-10

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EN ISO 4259-1/A1	Petroleum and related products – Precision of measurement methods and results – Part 1: Determination of precision data in relation to methods of test – Amendment 1 (ISO 4259-1:2017/Amd 1:2019)	75.080	2019-10
EN ISO 4259-2/A1	Petroleum and related products – Precision of measurement methods and results – Part 2: Interpretation and application of precision data in relation to methods of test – Amendment 1 (ISO 4259-2:2017/Amd 1:2019)	75.080	2019-10
EN ISO 4489	Hardmetals – Sampling and testing (ISO 4489:2019)	77.160	2019-10
EN ISO 4884	Hardmetals – Sampling and testing of powders using sintered test pieces (ISO 4884:2019)	77.160	2019-10
EN ISO 5167-6	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 6: Wedge meters (ISO 5167-6:2019)	17.120.10	2019-10
EN ISO 5832-1	Implants for surgery – Metallic materials – Part 1: Wrought stainless steel (ISO 5832-1:2016)	11.040.40	2019-10
EN ISO 5832-6	Implants for surgery – Metallic materials – Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy (ISO 5832-6:1997)	11.040.40	2019-10
EN ISO 5832-7	Implants for surgery – Metallic materials – Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO 5832-7:2016)	11.040.40	2019-10
EN ISO 6145-1	Gas analysis – Preparation of calibration gas mixtures using dynamic methods – Part 1: General aspects (ISO 6145-1:2019)	71.040.40	2019-10
EN ISO 6218	Inland navigation vessels – Manually- and power-operated coupling devices for rope connections of pushing units and coupled vessels – Safety requirements and main dimensions (ISO 6218:2019)	47.060	2019-10
EN ISO 6246/A1	Petroleum products – Gum content of fuels – Jet evaporation method – Amendment 1: Purity requirement for n-heptane (ISO 6246:2017/Amd 1:2019)	75.160.20	2019-10
EN ISO 6947	Welding and allied processes – Welding positions (ISO 6947:2019)	25.160.40	2019-10
EN ISO 8362-1	Injection containers and accessories – Part 1: Injection vials made of glass tubing (ISO 8362-1:2018)	11.040.20	2019-10
EN ISO 8384	Ships and marine technology – Dredgers – Vocabulary (ISO 8384:2019)	01.040.47; 47.060	2019-10
EN ISO 9455-16	Soft soldering fluxes – Test methods – Part 16: Flux efficacy test, wetting balance method (ISO 9455-16:2019)	25.160.50	2019-10
EN ISO 9809-1	Gas cylinders – Design, construction and testing of refillable seamless steel gas cylinders and tubes – Part 1: Quenched and tempered steel cylinders and tubes with tensile strength less than 1100 MPa (ISO 9809-1:2019)	23.020.35	2019-10
EN ISO 9809-2	Gas cylinders – Design, construction and testing of refillable seamless steel gas cylinders and tubes – Part 2: Quenched and tempered steel cylinders and tubes with tensile strength greater than or equal to 1100 MPa (ISO 9809-2:2019)	23.020.35	2019-10
EN ISO 9809-3	Gas cylinders – Design, construction and testing of refillable seamless steel gas cylinders and tubes – Part 3: Normalized steel cylinders and tubes (ISO 9809-3:2019)	23.020.35	2019-10
EN ISO 10426-3	Petroleum and natural gas industries – Cements and materials for well cementing – Part 3: Testing of deepwater well cement formulations (ISO 10426-3:2019)	75.020; 91.100.10	2019-10

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EN ISO 10555-6/A1	Intravascular catheters – Sterile and single-use catheters – Part 6: Subcutaneous implanted ports – Amendment 1 (ISO 10555-6:2015/Amd 1:2019)	11.040.25	2019-10
EN ISO 10642	Fasteners – Hexagon socket countersunk head screws with reduced loadability (ISO 10642:2019)	21.060.10	2019-10
EN ISO 10893-3/A1	Non-destructive testing of steel tubes – Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections – Amendment 1: Change of dimensions of the reference notch (ISO 10893-3:2011/Amd 1:2019)	23.040.10; 77.040.20; 77.140.75	2019-10
EN ISO 11274	Soil quality – Determination of the water-retention characteristic – Laboratory methods (ISO 11274:2019)	13.080.40	2019-10
EN ISO 11665-1	Measurement of radioactivity in the environment – Air: radon-222 – Part 1: Origins of radon and its short-lived decay products and associated measurement methods (ISO 11665-1:2019)	13.040.01; 17.240	2019-10
EN ISO 11665-2	Measurement of radioactivity in the environment – Air: radon-222 – Part 2: Integrated measurement method for determining average potential alpha energy concentration of its short-lived decay products (ISO 11665-2:2019)	13.040.01; 17.240	2019-10
EN ISO 11665-11	Measurement of radioactivity in the environment – Air: radon-222 – Part 11: Test method for soil gas with sampling at depth (ISO 11665-11:2016)	13.040.01; 17.240	2019-10
EN ISO 12821	Glass packaging – 26 H 180 crown finish – Dimensions (ISO 12821:2019)	55.100	2019-10
EN ISO 12944-5	Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 5: Protective paint systems (ISO 12944-5:2019)	87.020	2019-10
EN ISO 13076	Paints and varnishes – Lighting and procedure for visual assessments of coatings (ISO 13076:2019)	87.040	2019-10
EN ISO 13287	Personal protective equipment – Footwear – Test method for slip resistance (ISO 13287:2019)	13.340.50	2019-10
EN ISO 13715	Technical product documentation – Edges of undefined shape – Indication and dimensioning (ISO 13715:2017)	01.040.01; 01.100.20	2019-10
EN ISO 13857	Safety of machinery – Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2019)	13.110	2019-10
EN ISO 14644-3	Cleanrooms and associated controlled environments – Part 3: Test methods (ISO 14644-3:2019)	13.040.35	2019-10
EN ISO 14780/A1	Solid biofuels – Sample preparation – Amendment 1 (ISO 14780:2017/Amd 1:2019)	27.190; 75.160.40	2019-10
EN ISO 15607	Specification and qualification of welding procedures for metallic materials – General rules (ISO 15607:2019)	25.160.10	2019-10
EN ISO 15609-1	Specification and qualification of welding procedures for metallic materials – Welding procedure specification – Part 1: Arc welding (ISO 15609-1:2019)	25.160.10	2019-10
EN ISO 15609-2	Specification and qualification of welding procedures for metallic materials – Welding procedure specification – Part 2: Gas welding (ISO 15609-2:2019)	25.160.10	2019-10
EN ISO 17872	Paints and varnishes – Guidelines for the introduction of scribe marks through coatings on metallic panels for corrosion testing (ISO 17872:2019)	87.040	2019-10
EN ISO 18388	Technical product documentation (TPD) – Relief grooves – Types and dimensioning (ISO 18388:2016)	01.100.20	2019-10

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EN ISO 18640-1/A1	Protective clothing for firefighters – Physiological impact – Part 1: Measurement of coupled heat and moisture transfer with the sweating torso – Amendment 1 (ISO 18640-1:2018/Amd 1:2019)	13.340.10	2019-10
EN ISO 18640-2/A1	Protective clothing for firefighters – Physiological impact – Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters – Amendment 1 (ISO 18640-2:2018/Amd 1:2019)	13.340.10	2019-10
EN ISO 18647	Petroleum and natural gas industries – Modular drilling rigs for offshore fixed platforms (ISO 18647:2017)	75.180.10	2019-10
EN ISO 18674-5	Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 5: Stress change measurements by total pressure cells (TPC) (ISO 18674-5:2019)	13.080.20; 93.020	2019-10
EN ISO 18862	Coffee and coffee products – Determination of acrylamide – Methods using HPLC-MS/MS and GC-MS after derivatization (ISO 18862:2016)	67.140.20	2019-10
EN ISO 19225/A1	Underground mining machines – Mobile extracting machines at the face – Safety requirements for shearer loaders and plough systems – Amendment 1 (ISO 19225:2017/Amd 1:2019)	73.100.30	2019-10
CEN ISO/TS 19468	Intelligent transport systems – Data interfaces between centres for transport information and control systems – Platform independent model specifications for data exchange protocols for transport information and control systems (ISO/TS 19468:2019)	35.240.60	2019-10
EN ISO 19903	Petroleum and natural gas industries – Concrete offshore structures (ISO 19903:2019)	75.180.10	2019-10
EN ISO 19905-3	Petroleum and natural gas industries – Site-specific assessment of mobile offshore units – Part 3: Floating unit (ISO 19905-3:2017)	75.180.10	2019-10
EN ISO 20028-1	Plastics – Thermoplastic polyester (TP) moulding and extrusion materials – Part 1: Designation system and basis for specification (ISO 20028-1:2019)	83.080.20	2019-10
EN ISO 20088-3	Determination of the resistance to cryogenic spillage of insulation materials – Part 3: Jet release (ISO 20088-3:2018)	75.200	2019-10
EN ISO 20186-3	Molecular in-vitro diagnostic examinations – Specifications for pre-examination processes for venous whole blood – Part 3: Isolated circulating cell free DNA from plasma (ISO 20186-3:2019)	11.100.10	2019-10
EN ISO 20337	Fibre-reinforced plastic composites – Shear test method using a shear frame for the determination of the in-plane shear stress/shear strain response and shear modulus (ISO 20337:2018)	83.120	2019-10
EN ISO 20456	Measurement of fluid flow in closed conduits – Guidance for the use of electromagnetic flowmeters for conductive liquids (ISO 20456:2017)	17.120.10	2019-10
EN ISO 20846	Petroleum products – Determination of sulfur content of automotive fuels – Ultraviolet fluorescence method (ISO 20846:2019)	75.160.20; 75.160.30	2019-10
EN ISO 20884	Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry (ISO 20884:2019)	75.080; 75.160.30	2019-10
EN ISO 20896-1	Dentistry – Digital impression devices – Part 1: Methods for assessing accuracy (ISO 20896-1:2019)	11.060.01	2019-10
CEN ISO/TS 21177	Intelligent transport systems – ITS station security services for secure session establishment and authentication between trusted devices (ISO/TS 21177:2019)	03.220.01; 35.030; 35.240.60	2019-10

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EN ISO 21253-1	Water quality – Multi-compound class methods – Part 1: Criteria for the identification of target compounds by gas and liquid chromatography and mass spectrometry (ISO 21253-1:2019)	13.060.50	2019-10
EN ISO 21253-2	Water quality – Multi-compound class methods – Part 2: Criteria for the quantitative determination of organic substances using a multi-compound class analytical method (ISO 21253-2:2019)	13.060.50	2019-10
EN ISO 21268-1	Soil quality – Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials – Part 1: Batch test using a liquid to solid ratio of 2 l/kg dry matter (ISO 21268-1:2019)	13.080.05	2019-10
EN ISO 21268-2	Soil quality – Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like material – Part 2: Batch test using a liquid to solid ratio of 10 l/kg dry matter (ISO 21268-2:2019)	13.080.05	2019-10
EN ISO 21268-3	Soil quality – Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials – Part 3: Up-flow percolation test (ISO 21268-3:2019)	13.080.05	2019-10
EN ISO 21416	Recreational diving services – Requirements and guidance on environmentally sustainable practices in recreational diving (ISO 21416:2019)	03.080.30; 03.200.99; 13.020.20	2019-10
EN ISO 21417	Recreational diving services – Requirements for training on environmental awareness for recreational divers (ISO 21417:2019)	03.080.30; 03.200.99; 13.020.99	2019-10
EN ISO 21572	Foodstuffs – Molecular biomarker analysis – Immunochemical methods for the detection and quantification of proteins (ISO 21572:2019)	67.050	2019-10
EN ISO 21877	Stationary source emissions – Determination of the mass concentration of ammonia – Manual method (ISO 21877:2019)	13.040.40	2019-10
EN ISO 21968	Non-magnetic metallic coatings on metallic and non-metallic basis materials – Measurement of coating thickness – Phase-sensitive eddy-current method (ISO 21968:2019)	25.220.40	2019-10
EN ISO 23611-3	Soil quality – Sampling of soil invertebrates – Part 3: Sampling and extraction of enchytraeids (ISO 23611-3:2019)	13.080.05; 13.080.30	2019-10
EN ISO 25066	Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Common Industry Format (CIF) for Usability – Evaluation Report (ISO/IEC 25066:2016)	35.080	2019-10
CEN ISO/TS 25107	Non-destructive testing – NDT training syllabuses (ISO/TS 25107:2019)	19.100	2019-10
EN ISO 25177	Soil quality – Field soil description (ISO 25177:2019)	13.080.01	2019-10
EN ISO 27065/A1	Protective clothing – Performance requirements for protective clothing worn by operators applying pesticides and for re-entry workers – Amendment 1: Surrogate test chemical (ISO 27065:2017/Amd 1:2019)	13.340.10	2019-10
EN ISO 28258/A1	Soil quality – Digital exchange of soil-related data – Amendment 1 (ISO 28258:2013/Amd 1:2019)	13.080.01	2019-10
EN ISO 28721-1	Vitreous and porcelain enamels – Glass-lined apparatus for process plants – Part 1: Quality requirements for apparatus, components, appliances and accessories (ISO 28721-1:2019)	25.220.50	2019-10
EN ISO 29464	Cleaning of air and other gases – Terminology (ISO 29464:2017)	01.040.91; 91.140.30	2019-10

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EN ISO 35101	Petroleum and natural gas industries – Arctic operations – Working environment (ISO 35101:2017)	75.020	2019-10
EN ISO 35103	Petroleum and natural gas industries – Arctic operations – Environmental monitoring (ISO 35103:2017)	75.020	2019-10
CEN ISO/TS 35105	Petroleum and natural gas industries – Arctic operations – Material requirements for arctic operations (ISO/TS 35105:2018)	75.020	2019-10
EN ISO 35106	Petroleum and natural gas industries – Arctic operations – Metocean, ice, and seabed data (ISO 35106:2017)	75.020	2019-10
EN ISO/ASTM 52910	Additive manufacturing – Design – Requirements, guidelines and recommendations (ISO/ASTM 52910:2018)	25.030	2019-10
EN ISO/ASTM 52911-2	Additive manufacturing – Design – Part 2: Laser-based powder bed fusion of polymers (ISO/ASTM 52911-2:2019)	25.030	2019-10
EN ISO 80000-2	Quantities and units – Part 2: Mathematics (ISO 80000-2:2019)	01.060; 01.075	2019-10
EN ISO 80000-4	Quantities and units – Part 4: Mechanics (ISO 80000-4:2019)	01.060	2019-10
EN ISO 80000-5	Quantities and units – Part 5: Thermodynamics (ISO 80000-5:2019)	01.060; 17.200.01	2019-10
EN ISO 80000-9	Quantities and units – Part 9: Physical chemistry and molecular physics (ISO 80000-9:2019)	01.060	2019-10
EN ISO 80000-10	Quantities and units – Part 10: Atomic and nuclear physics (ISO 80000-10:2019)	01.060	2019-10
EN ISO 80000-12	Quantities and units – Part 12: Condensed matter physics (ISO 80000-12:2019)	01.060	2019-10
EN ISO 80079-20-1	Explosive atmospheres – Part 20-1: Material characteristics for gas and vapour classification – Test methods and data (ISO/IEC 80079-20-1:2017)	29.260.20	2019-10

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EN 50238-1	Railway applications – Compatibility between rolling stock and train detection systems – Part 1: General	29.180; 29.280; 45.060.10	2019-10
EN 50342-2	Lead-acid starter batteries – Part 2: Dimensions of batteries and marking of terminals	29.220.20	2019-10
EN 50413	Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz)	13.280; 17.220.20; 33.100.01	2019-10
EN 50499	Procedure for the assessment of the exposure of workers to electromagnetic fields	17.240	2019-10
EN 60062/A1	Marking codes for resistors and capacitors (IEC 60062:2016/A1:2019)	01.070; 31.040.01; 31.060.01	2019-10
EN IEC 60068-3-3	Environmental testing – Part 3-3: Supporting documentation and guidance – Seismic test methods for equipment (IEC 60068-3-3:2019)	19.040	2019-10
EN IEC 60071-1	Insulation co-ordination – Part 1: Definitions, principles and rules (IEC 60071-1:2019)	01.040.29; 29.080.30	2019-10
EN IEC 60311	Electric irons for household or similar use – Methods for measuring performance (IEC 60311:2016)	97.060	2019-10
EN 60317-0-1/A1	Specifications for particular types of winding wires – Part 0-1: General requirements – Enamelled round copper wire (IEC 60317-0-1:2013/A1:2019)	29.060.10	2019-10
EN 60317-0-3/A2	Specifications for particular types of winding wires – Part 0-3: General requirements – Enamelled round aluminium wire (IEC 60317-0-3:2008/A2:2019)	29.060.10	2019-10
EN IEC 60317-0-8	Specifications for particular types of winding wires – Part 0-8: General requirements – Polyester glass-fibre wound unvarnished and fused, or resin or varnish impregnated, bare or enamelled rectangular copper wire (IEC 60317-0-8:2019)	29.060.10	2019-10
EN IEC 60317-80	Specifications for particular types of winding wires – Part 80: Polyvinyl acetal enamelled rectangular copper wire, class 120, with a bonding layer (IEC 60317-80:2019)	29.060.10	2019-10
EN IEC 60384-11	Fixed capacitors for use in electronic equipment – Part 11: Sectional specification – Fixed polyethylene-terephthalate film dielectric metal foil DC capacitors (IEC 60384-11:2019)	31.060.30	2019-10
EN 60601-2-4/A1	Medical electrical equipment – Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators (IEC 60601-2-4:2010/A1:2018)	11.040.10	2019-10
EN 60601-2-63/A1	Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment (IEC 60601-2-63:2012/A1:2017)	11.040.50	2019-10
EN IEC 60601-2-75	Medical Electrical Equipment – Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment (IEC 60601-2-75:2017)	11.040.01	2019-10
EN IEC 60684-3-214	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 214: Heat-shrinkable, polyolefin sleeving, not flame retarded, thick and medium wall (IEC 60684-3-214:2019)	29.035.20	2019-10
EN IEC 60684-3-216	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 216: Heat-shrinkable, flame-retarded, limited-fire-hazard sleeving (IEC 60684-3-216:2019)	29.035.20	2019-10

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EN IEC 60684-3-247	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 247: Heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded, thick and medium wall (IEC 60684-3-247:2019)	29.035.20	2019-10
EN IEC 60684-3-280	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 280: Heat-shrinkable, polyolefin sleeving, anti-tracking (IEC 60684-3-280:2019)	29.035.20	2019-10
EN IEC 60684-3-283	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 283: Heat-shrinkable, polyolefin sleeving for bus-bar insulation (IEC 60684-3-283:2019)	29.035.20	2019-10
EN 60851-3/A2	Winding wires – Test methods – Part 3: Mechanical properties (IEC 60851-3:2009/A2:2019)	29.060.10	2019-10
EN IEC 60904-7	Photovoltaic devices – Part 7: Computation of the spectral mismatch correction for measurements of photovoltaic devices (IEC 60904-7:2019)	27.160	2019-10
EN IEC 61000-4-18/AC	Electromagnetic compatibility (EMC) – Part 4-18: Testing and measurement techniques – Damped oscillatory wave immunity test (IEC 61000-4-18:2019/COR1:2019)	33.100.20	2019-10
EN 61191-2/AC	Printed board assemblies – Part 2: Sectional specification – Requirements for surface mount soldered assemblies (IEC 61191-2:2017/COR1:2019)	31.180; 31.190; 31.240	2019-10
EN IEC 61333	Marking on ferrite cores (IEC 61333:2019)	29.100.10	2019-10
EN IEC 61400-1/AC	Wind energy generation systems – Part 1: Design requirements (IEC 61400-1:2019/COR1:2019)	27.180	2019-10
EN IEC 62327	Radiation protection instrumentation – Hand-held instruments for the detection and identification of radionuclides and for the estimation of ambient dose equivalent rate from photon radiation (IEC 62327:2017)	13.280; 17.240	2019-10
EN IEC 62401	Radiation protection instrumentation – Alarming personal radiation devices (PRDs) for the detection of illicit trafficking of radioactive material (IEC 62401:2017)	13.280; 17.240	2019-10
EN IEC 62443-3-3/AC	Industrial communication networks – Network and system security – Part 3-3: System security requirements and security levels (IEC 62443-3-3:2013/COR1:2014)	35.030; 35.240.50	2019-10
EN 62734/A1	Industrial networks – Wireless communication network and communication profiles – ISA 100.11a (IEC 62734:2014/A1:2019)	33.160.60; 33.170; 35.100.70; 35.110; 35.240.50	2019-10
EN 62751-2/A1	Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems – Part 2: Modular multilevel converters (IEC 62751-2:2014/A1:2019)	29.200	2019-10
EN IEC 62885-8	Surface cleaning appliances – Part 8: Dry vacuum cleaners for commercial use – Methods for measuring the performance (IEC 62885-8:2019)	97.080	2019-10
EN IEC 63137-1	Standard test radio-frequency connectors – Part 1: Generic specification – General requirements and test methods (IEC 63137-1:2019)	33.120.30	2019-10
EN IEC 80601-2-49	Medical electrical equipment – Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment (IEC 80601-2-49:2018)	11.040.55	2019-10
EN IEC 80601-2-59	Medical electrical equipment – Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening (IEC 80601-2-59:2017)	11.040.55	2019-10

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 103477 V 1.1.1	eHEALTH – Standardization use cases for eHealth	35.240.80	2019-10
ETSI TR 103508 V 1.1.1	SmartM2M – SAREF extension investigation – Requirements for Automotive	33.200	2019-10
ETSI TR 103509 V 1.1.1	SmartM2M – SAREF extension investigation – Requirements for eHealth/Ageing-well	33.200	2019-10
ETSI TR 103510 V 1.1.1	SmartM2M – SAREF extension investigation – Requirements for Wearables	33.200	2019-10
ETSI TR 103534-2 V 1.1.1	SmartM2M – Teaching material – Part 2: Privacy	33.200	2019-10
ETSI TR 103535 V 1.1.1	SmartM2M – Guidelines for using semantic interoperability in the industry	33.200	2019-10
ETSI TS 103544-1 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 1: Connectivity	35.240.60	2019-10
ETSI TS 103544-2 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 2: Virtual Network Computing (VNC) based Display and Control	35.240.60	2019-10
ETSI TS 103544-3 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 3: Audio	35.240.60	2019-10
ETSI TS 103544-4 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 4: Device Attestation Protocol (DAP)	35.240.60	2019-10
ETSI TS 103544-5 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 5: Common Data Bus (CDB)	35.240.60	2019-10
ETSI TS 103544-6 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 6: Service Binary Protocol (SBP)	35.240.60	2019-10
ETSI TS 103544-7 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 7: GPS Data Service	35.240.60	2019-10
ETSI TS 103544-8 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 8: Location Data Service	35.240.60	2019-10
ETSI TS 103544-9 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 9: UPnP Application Server Service	35.240.60	2019-10
ETSI TS 103544-10 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 10: UPnP Client Profile Service	35.240.60	2019-10
ETSI TS 103544-11 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 11: UPnP Notification Server Service	35.240.60	2019-10
ETSI TS 103544-12 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 12: UPnP Server Device	35.240.60	2019-10
ETSI TS 103544-13 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 13: Core Architecture	35.240.60	2019-10
ETSI TS 103544-14 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 14: Application Certificates	35.240.60	2019-10
ETSI TS 103544-15 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 15: Application Programming Interface (API) Level 1 & 2	35.240.60	2019-10
ETSI TS 103544-16 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 16: Application Developer Certificates	35.240.60	2019-10

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ETSI TS 103544-17 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 17: MirrorLink® over Wi-Fi Display (WFD)	35.240.60	2019-10
ETSI TS 103544-18 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 18: IEEE 802.11TM Car Connectivity Consortium (CCC) Information Element	35.240.60	2019-10
ETSI TS 103544-19 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 19: Network Information Data Service	35.240.60	2019-10
ETSI TS 103544-20 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 20: Internet Accessibility	35.240.60	2019-10
ETSI TS 103544-21 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 21: High Speed Media Link (HSML)	35.240.60	2019-10
ETSI TS 103544-22 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 22: Android Specific Specifications enabling AIDL-based MirrorLink® Applications	35.240.60	2019-10
ETSI TS 103544-23 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 23: Bluetooth® Out-of-Band Pairing Data Service	35.240.60	2019-10
ETSI TS 103544-24 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 24: Media Meta Data Service	35.240.60	2019-10
ETSI TS 103544-25 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 25: Navigation Meta Data Service	35.240.60	2019-10
ETSI TS 103544-26 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 26: Consumer Experience Principles and Basic Features	35.240.60	2019-10
ETSI TS 103544-27 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 27: Basic Meta Data Service	35.240.60	2019-10
ETSI TS 103544-28 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 28: Weather Data Service	35.240.60	2019-10
ETSI TS 103544-29 V 1.3.1	Publicly Available Specification (PAS) – Intelligent Transport Systems (ITS) – MirrorLink® – Part 29: Schedule Data Service	35.240.60	2019-10
ETSI TR 103547 V 1.1.1	SmartM2M – SAREF extension investigation – Requirements for the Water domain	33.200	2019-10
ETSI TR 103591 V 1.1.1	SmartM2M – Privacy study report – Standards Landscape and best practices	33.200	2019-10
ETSI TR 121915 V 15.0.0; 3GPP TR 21.915 Version 15.0.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Release description – Release 15 (3GPP TR 21.915 version 15.0.0 Release 15)	33.070.50	2019-10
ETSI TS 122261 V 15.8.0; 3GPP TS 22.261 Version 15.8.0 Release 15	5G – Service requirements for next generation new services and markets (3GPP TS 22.261 version 15.8.0 Release 15)	33.070.50	2019-10
ETSI TS 123167 V 15.5.0; 3GPP TS 23.167 Version 15.5.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 15.5.0 Release 15)	33.070.50	2019-10
ETSI TS 123203 V 15.5.0; 3GPP TS 23.203 Version 15.5.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 15.5.0 Release 15)	33.070.50	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123216 V 15.3.0; 3GPP TS 23.216 Version 15.3.0 Release 15	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 15.3.0 Release 15)	33.070.50	2019-10
ETSI TS 123237 V 15.2.0; 3GPP TS 23.237 Version 15.2.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 123246 V 15.1.0; 3GPP TS 23.246 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Architecture and functional description (3GPP TS 23.246 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 123401 V 15.9.0; 3GPP TS 23.401 Version 15.9.0 Release 15	LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 15.9.0 Release 15)	33.070.50	2019-10
ETSI TS 123468 V 15.1.0; 3GPP TS 23.468 Version 15.1.0 Release 15	LTE – Group Communication System Enablers for LTE (GCSE LTE) – Stage 2 (3GPP TS 23.468 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 123501 V 15.7.0; 3GPP TS 23.501 Version 15.7.0 Release 15	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 123502 V 15.7.0; 3GPP TS 23.502 Version 15.7.0 Release 15	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 123503 V 15.7.0; 3GPP TS 23.503 Version 15.7.0 Release 15	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 123682 V 15.9.0; 3GPP TS 23.682 Version 15.9.0 Release 15	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 15.9.0 Release 15)	33.070.50	2019-10
ETSI TS 124008 V 13.13.0; 3GPP TS 24.008 Version 13.13.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 13.13.0 Release 13)	33.070.50	2019-10
ETSI TS 124008 V 14.9.0; 3GPP TS 24.008 Version 14.9.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 14.9.0 Release 14)	33.070.50	2019-10
ETSI TS 124008 V 15.7.0; 3GPP TS 24.008 Version 15.7.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 124173 V 15.4.0; 3GPP TS 24.173 Version 15.4.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – IMS Multimedia telephony communication service and supplementary services – Stage 3 (3GPP TS 24.173 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 124196 V 15.1.0; 3GPP TS 24.196 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Enhanced Calling Name (eCNAM) (3GPP TS 24.196 version 15.1.0 Release 15)	33.070.99	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124229 V 13.17.0; 3GPP TS 24.229 Version 13.17.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 13.17.0 Release 13)	33.070.50	2019-10
ETSI TS 124229 V 14.13.0; 3GPP TS 24.229 Version 14.13.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 14.13.0 Release 14)	33.070.50	2019-10
ETSI TS 124229 V 15.8.0; 3GPP TS 24.229 Version 15.8.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 15.8.0 Release 15)	33.070.50	2019-10
ETSI TS 124237 V 15.6.0; 3GPP TS 24.237 Version 15.6.0 Release 15	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 15.6.0 Release 15)	33.070.50	2019-10
ETSI TS 124281 V 14.8.0; 3GPP TS 24.281 Version 14.8.0 Release 14	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 14.8.0 Release 14)	33.070.99	2019-10
ETSI TS 124281 V 15.6.0; 3GPP TS 24.281 Version 15.6.0 Release 15	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 15.6.0 Release 15)	33.070.99	2019-10
ETSI TS 124282 V 14.8.0; 3GPP TS 24.282 Version 14.8.0 Release 14	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 14.8.0 Release 14)	33.070.99	2019-10
ETSI TS 124282 V 15.7.0; 3GPP TS 24.282 Version 15.7.0 Release 15	LTE – Mission Critical Data (MCData) signalling control – Protocol specification (3GPP TS 24.282 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 124371 V 12.10.0; 3GPP TS 24.371 Version 12.10.0 Release 12	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 12.10.0 Release 12)	33.070.99	2019-10
ETSI TS 124371 V 13.10.0; 3GPP TS 24.371 Version 13.10.0 Release 13	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 13.10.0 Release 13)	33.070.99	2019-10
ETSI TS 124371 V 14.7.0; 3GPP TS 24.371 Version 14.7.0 Release 14	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 14.7.0 Release 14)	33.070.99	2019-10
ETSI TS 124371 V 15.1.0; 3GPP TS 24.371 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.99	2019-10
ETSI TS 124501 V 15.5.0; 3GPP TS 24.501 Version 15.5.0 Release 15	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 124502 V 15.5.0; 3GPP TS 24.502 Version 15.5.0 Release 15	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 15.5.0 Release 15)	33.070.99	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124606 V 11.2.0; 3GPP TS 24.606 Version 11.2.0 Release 11	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 11.2.0 Release 11)	33.070.50	2019-10
ETSI TS 124606 V 12.1.0; 3GPP TS 24.606 Version 12.1.0 Release 12	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 12.1.0 Release 12)	33.070.50	2019-10
ETSI TS 124606 V 13.1.0; 3GPP TS 24.606 Version 13.1.0 Release 13	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 13.1.0 Release 13)	33.070.50	2019-10
ETSI TS 124606 V 14.1.0; 3GPP TS 24.606 Version 14.1.0 Release 14	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 14.1.0 Release 14)	33.070.50	2019-10
ETSI TS 124606 V 15.1.0; 3GPP TS 24.606 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 126114 V 12.17.0; 3GPP TS 26.114 Version 12.17.0 Release 12	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 12.17.0 Release 12)	33.070.50	2019-10
ETSI TS 126114 V 13.10.0; 3GPP TS 26.114 Version 13.10.0 Release 13	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 13.10.0 Release 13)	33.070.50	2019-10
ETSI TS 126114 V 14.11.0; 3GPP TS 26.114 Version 14.11.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 14.11.0 Release 14)	33.070.50	2019-10
ETSI TS 126114 V 15.7.0; 3GPP TS 26.114 Version 15.7.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 126118 V 15.2.0; 3GPP TS 26.118 Version 15.2.0 Release 15	5G – Virtual Reality (VR) profiles for streaming applications (3GPP TS 26.118 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 126131 V 14.2.0; 3GPP TS 26.131 Version 14.2.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Terminal acoustic characteristics for telephony – Requirements (3GPP TS 26.131 version 14.2.0 Release 14)	33.070.50	2019-10
ETSI TS 126131 V 15.2.0; 3GPP TS 26.131 Version 15.2.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Terminal acoustic characteristics for telephony – Requirements (3GPP TS 26.131 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 126132 V 14.3.0; 3GPP TS 26.132 Version 14.3.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 14.3.0 Release 14)	33.070.50	2019-10
ETSI TS 126132 V 15.2.0; 3GPP TS 26.132 Version 15.2.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 15.2.0 Release 15)	33.070.50	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 127007 V 15.7.0; 3GPP TS 27.007 Version 15.7.0 Release 15	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 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 128530 V 15.2.0; 3GPP TS 28.530 Version 15.2.0 Release 15	5G – Management and orchestration – Concepts, use cases and requirements (3GPP TS 28.530 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 128531 V 15.4.0; 3GPP TS 28.531 Version 15.4.0 Release 15	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 128532 V 15.3.0; 3GPP TS 28.532 Version 15.3.0 Release 15	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 15.3.0 Release 15)	33.070.50	2019-10
ETSI TS 128533 V 15.2.0; 3GPP TS 28.533 Version 15.2.0 Release 15	5G – Management and orchestration – Architecture framework (3GPP TS 28.533 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 128541 V 15.4.0; 3GPP TS 28.541 Version 15.4.0 Release 15	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 128550 V 15.2.0; 3GPP TS 28.550 Version 15.2.0 Release 15	5G – Management and orchestration – Performance assurance (3GPP TS 28.550 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 128552 V 15.4.0; 3GPP TS 28.552 Version 15.4.0 Release 15	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 128554 V 15.4.0; 3GPP TS 28.554 Version 15.4.0 Release 15	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 128616 V 15.1.0; 3GPP TS 28.616 Version 15.1.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.616 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 128620 V 15.1.0; 3GPP TS 28.620 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) Umbrella Information Model (UIM) (3GPP TS 28.620 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 128621 V 15.1.0; 3GPP TS 28.621 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 128622 V 15.3.1; 3GPP TS 28.622 Version 15.3.1 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 15.3.1 Release 15)	33.070.50	2019-10
ETSI TS 128623 V 15.3.0; 3GPP TS 28.623 Version 15.3.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 15.3.0 Release 15)	33.070.50	2019-10
ETSI TS 128624 V 15.1.1; 3GPP TS 28.624 Version 15.1.1 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Requirements (3GPP TS 28.624 version 15.1.1 Release 15)	33.070.50	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128625 V 15.1.0; 3GPP TS 28.625 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.625 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 128655 V 15.1.0; 3GPP TS 28.655 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.655 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 128662 V 15.2.0; 3GPP TS 28.662 Version 15.2.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.662 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 128663 V 15.2.0; 3GPP TS 28.663 Version 15.2.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.663 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 129122 V 15.5.0; 3GPP TS 29.122 Version 15.5.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129153 V 14.3.0; 3GPP TS 29.153 Version 14.3.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Ns reference point (3GPP TS 29.153 version 14.3.0 Release 14)	33.070.50	2019-10
ETSI TS 129153 V 15.1.0; 3GPP TS 29.153 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Ns reference point (3GPP TS 29.153 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 129154 V 14.3.0; 3GPP TS 29.154 Version 14.3.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Nt reference point (3GPP TS 29.154 version 14.3.0 Release 14)	33.070.50	2019-10
ETSI TS 129154 V 15.3.0; 3GPP TS 29.154 Version 15.3.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Nt reference point (3GPP TS 29.154 version 15.3.0 Release 15)	33.070.50	2019-10
ETSI TS 129163 V 12.16.0; 3GPP TS 29.163 Version 12.16.0 Release 12	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 12.16.0 Release 12)	33.070.50	2019-10
ETSI TS 129163 V 13.13.0; 3GPP TS 29.163 Version 13.13.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 13.13.0 Release 13)	33.070.50	2019-10
ETSI TS 129163 V 14.13.0; 3GPP TS 29.163 Version 14.13.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 14.13.0 Release 14)	33.070.50	2019-10
ETSI TS 129163 V 15.8.0; 3GPP TS 29.163 Version 15.8.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 15.8.0 Release 15)	33.070.50	2019-10

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ETSI TS 129165 V 14.12.0; 3GPP TS 29.165 Version 14.12.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 14.12.0 Release 14)	33.070.50	2019-10
ETSI TS 129165 V 15.9.0; 3GPP TS 29.165 Version 15.9.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 15.9.0 Release 15)	33.070.50	2019-10
ETSI TS 129212 V 14.11.0; 3GPP TS 29.212 Version 14.11.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 14.11.0 Release 14)	33.070.50	2019-10
ETSI TS 129212 V 15.8.0; 3GPP TS 29.212 Version 15.8.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 15.8.0 Release 15)	33.070.50	2019-10
ETSI TS 129213 V 14.8.0; 3GPP TS 29.213 Version 14.8.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 14.8.0 Release 14)	33.070.50	2019-10
ETSI TS 129213 V 15.6.0; 3GPP TS 29.213 Version 15.6.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 15.6.0 Release 15)	33.070.50	2019-10
ETSI TS 129214 V 14.9.0; 3GPP TS 29.214 Version 14.9.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 14.9.0 Release 14)	33.070.50	2019-10
ETSI TS 129214 V 15.7.0; 3GPP TS 29.214 Version 15.7.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 129215 V 14.4.0; 3GPP TS 29.215 Version 14.4.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 14.4.0 Release 14)	33.070.50	2019-10
ETSI TS 129215 V 15.2.0; 3GPP TS 29.215 Version 15.2.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 129217 V 14.3.0; 3GPP TS 29.217 Version 14.3.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Congestion reporting over Np reference point (3GPP TS 29.217 version 14.3.0 Release 14)	33.070.50	2019-10
ETSI TS 129217 V 15.1.0; 3GPP TS 29.217 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Congestion reporting over Np reference point (3GPP TS 29.217 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 129219 V 14.4.0; 3GPP TS 29.219 Version 14.4.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control: Spending limit reporting over Sy reference point (3GPP TS 29.219 version 14.4.0 Release 14)	33.070.50	2019-10
ETSI TS 129219 V 15.3.0; 3GPP TS 29.219 Version 15.3.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control: Spending limit reporting over Sy reference point (3GPP TS 29.219 version 15.3.0 Release 15)	33.070.50	2019-10

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ETSI TS 129228 V 14.6.0; 3GPP TS 29.228 Version 14.6.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Cx and Dx Interfaces – Signalling flows and message contents (3GPP TS 29.228 version 14.6.0 Release 14)	33.070.50	2019-10
ETSI TS 129228 V 15.3.0; 3GPP TS 29.228 Version 15.3.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Cx and Dx Interfaces – Signalling flows and message contents (3GPP TS 29.228 version 15.3.0 Release 15)	33.070.50	2019-10
ETSI TS 129229 V 14.3.0; 3GPP TS 29.229 Version 14.3.0 Release 14	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 14.3.0 Release 14)	33.070.50	2019-10
ETSI TS 129229 V 15.2.0; 3GPP TS 29.229 Version 15.2.0 Release 15	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 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 129251 V 15.3.0; 3GPP TS 29.251 Version 15.3.0 Release 15	LTE – Gw and Gwn reference point for sponsored data connectivity (3GPP TS 29.251 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 129272 V 14.9.0; 3GPP TS 29.272 Version 14.9.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – 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 14.9.0 Release 14)	33.070.50	2019-10
ETSI TS 129272 V 15.9.0; 3GPP TS 29.272 Version 15.9.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – 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 15.9.0 Release 15)	33.070.50	2019-10
ETSI TS 129273 V 14.5.0; 3GPP TS 29.273 Version 14.5.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 14.5.0 Release 14)	33.070.50	2019-10
ETSI TS 129273 V 15.4.0; 3GPP TS 29.273 Version 15.4.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 129281 V 15.6.0; 3GPP TS 29.281 Version 15.6.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 15.6.0 Release 15)	33.070.50	2019-10
ETSI TS 129283 V 14.4.0; 3GPP TS 29.283 Version 14.4.0 Release 14	LTE – Universal Mobile Telecommunications System (UMTS) – Diameter data management applications (3GPP TS 29.283 version 14.4.0 Release 14)	33.070.99	2019-10
ETSI TS 129283 V 15.1.0; 3GPP TS 29.283 Version 15.1.0 Release 15	LTE – Universal Mobile Telecommunications System (UMTS) – Diameter data management applications (3GPP TS 29.283 version 15.1.0 Release 15)	33.070.99	2019-10
ETSI TS 129292 V 14.8.0; 3GPP TS 29.292 Version 14.8.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 14.8.0 Release 14)	33.070.50	2019-10
ETSI TS 129292 V 15.5.0; 3GPP TS 29.292 Version 15.5.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 15.5.0 Release 15)	33.070.50	2019-10

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ETSI TS 129328 V 14.6.0; 3GPP TS 29.328 Version 14.6.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 14.6.0 Release 14)	33.070.50	2019-10
ETSI TS 129328 V 15.7.0; 3GPP TS 29.328 Version 15.7.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 129329 V 14.4.0; 3GPP TS 29.329 Version 14.4.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Sh interface based on the Diameter protocol – Protocol details (3GPP TS 29.329 version 14.4.0 Release 14)	33.070.50	2019-10
ETSI TS 129329 V 15.2.0; 3GPP TS 29.329 Version 15.2.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Sh interface based on the Diameter protocol – Protocol details (3GPP TS 29.329 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 129336 V 14.8.0; 3GPP TS 29.336 Version 14.8.0 Release 14	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 14.8.0 Release 14)	33.070.50	2019-10
ETSI TS 129336 V 15.7.0; 3GPP TS 29.336 Version 15.7.0 Release 15	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 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 129343 V 14.3.0; 3GPP TS 29.343 Version 14.3.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) function to ProSe application server aspects (PC2) – Stage 3 (3GPP TS 29.343 version 14.3.0 Release 14)	33.070.50	2019-10
ETSI TS 129343 V 15.1.0; 3GPP TS 29.343 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) function to ProSe application server aspects (PC2) – Stage 3 (3GPP TS 29.343 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 129344 V 14.4.0; 3GPP TS 29.344 Version 14.4.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) function to Home Subscriber Server (HSS) aspects – Stage 3 (3GPP TS 29.344 version 14.4.0 Release 14)	33.070.50	2019-10
ETSI TS 129344 V 15.1.0; 3GPP TS 29.344 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) function to Home Subscriber Server (HSS) aspects – Stage 3 (3GPP TS 29.344 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 129345 V 14.4.0; 3GPP TS 29.345 Version 14.4.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Inter-Proximity-services (ProSe) function signalling aspects – Stage 3 (3GPP TS 29.345 version 14.4.0 Release 14)	33.070.50	2019-10
ETSI TS 129345 V 15.1.0; 3GPP TS 29.345 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Inter-Proximity-services (ProSe) function signalling aspects – Stage 3 (3GPP TS 29.345 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 129368 V 14.4.0; 3GPP TS 29.368 Version 14.4.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS) (3GPP TS 29.368 version 14.4.0 Release 14)	33.070.50	2019-10

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ETSI TS 129368 V 15.1.0; 3GPP TS 29.368 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS) (3GPP TS 29.368 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 129388 V 14.2.0; 3GPP TS 29.388 Version 14.2.0 Release 14	LTE – V2X Control Function to Home Subscriber Server (HSS) aspects (V4) – Stage 3 (3GPP TS 29.388 version 14.2.0 Release 14)	33.070.50	2019-10
ETSI TS 129388 V 15.1.0; 3GPP TS 29.388 Version 15.1.0 Release 15	LTE – V2X Control Function to Home Subscriber Server (HSS) aspects (V4) – Stage 3 (3GPP TS 29.388 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 129389 V 14.2.0; 3GPP TS 29.389 Version 14.2.0 Release 14	LTE – Inter-V2X Control Function Signalling aspects (V6) – Stage 3 (3GPP TS 29.389 version 14.2.0 Release 14)	33.070.50	2019-10
ETSI TS 129389 V 15.1.0; 3GPP TS 29.389 Version 15.1.0 Release 15	LTE – Inter-V2X Control Function Signalling aspects (V6) – Stage 3 (3GPP TS 29.389 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 129413 V 15.3.0; 3GPP TS 29.413 Version 15.3.0 Release 15	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 129468 V 14.6.0; 3GPP TS 29.468 Version 14.6.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Group Communication System Enablers for LTE (GCSE LTE) – MB2 reference point – Stage 3 (3GPP TS 29.468 version 14.6.0 Release 14)	33.070.50	2019-10
ETSI TS 129468 V 15.7.0; 3GPP TS 29.468 Version 15.7.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Group Communication System Enablers for LTE (GCSE LTE) – MB2 reference point – Stage 3 (3GPP TS 29.468 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 129503 V 15.5.0; 3GPP TS 29.503 Version 15.5.0 Release 15	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129504 V 15.5.1; 3GPP TS 29.504 Version 15.5.1 Release 15	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 15.5.1 Release 15)	33.070.99	2019-10
ETSI TS 129505 V 15.5.0; 3GPP TS 29.505 Version 15.5.0 Release 15	5G – 5G System – Usage of the Unified Data Repository services for Subscription Data – Stage 3 (3GPP TS 29.505 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129507 V 15.5.0; 3GPP TS 29.507 Version 15.5.0 Release 15	5G – 5G System – Access and Mobility Policy Control Service – Stage 3 (3GPP TS 29.507 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129508 V 15.5.0; 3GPP TS 29.508 Version 15.5.0 Release 15	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129512 V 15.5.0; 3GPP TS 29.512 Version 15.5.0 Release 15	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129513 V 15.5.0; 3GPP TS 29.513 Version 15.5.0 Release 15	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129514 V 15.5.0; 3GPP TS 29.514 Version 15.5.0 Release 15	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129519 V 15.5.0; 3GPP TS 29.519 Version 15.5.0 Release 15	5G – 5G System – Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure – Stage 3 (3GPP TS 29.519 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129520 V 15.5.0; 3GPP TS 29.520 Version 15.5.0 Release 15	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 15.5.0 Release 15)	33.070.99	2019-10

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ETSI TS 129521 V 15.5.0; 3GPP TS 29.521 Version 15.5.0 Release 15	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129523 V 15.2.0; 3GPP TS 29.523 Version 15.2.0 Release 15	5G – 5G System – Policy Control Event Exposure Service – Stage 3 (3GPP TS 29.523 version 15.2.0 Release 15)	33.070.99	2019-10
ETSI TS 129525 V 15.3.0; 3GPP TS 29.525 Version 15.3.0 Release 15	5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 129531 V 15.5.0; 3GPP TS 29.531 Version 15.5.0 Release 15	5G – 5G System – Network Slice Selection Services – Stage 3 (3GPP TS 29.531 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129540 V 15.5.0; 3GPP TS 29.540 Version 15.5.0 Release 15	5G – 5G System – SMS Services – Stage 3 (3GPP TS 29.540 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129551 V 15.5.0; 3GPP TS 29.551 Version 15.5.0 Release 15	5G – 5G System – Packet Flow Description Management Service – Stage 3 (3GPP TS 29.551 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129554 V 15.4.0; 3GPP TS 29.554 Version 15.4.0 Release 15	5G – 5G System – Background Data Transfer Policy Control Service – Stage 3 (3GPP TS 29.554 version 15.4.0 Release 15)	33.070.99	2019-10
ETSI TS 129561 V 15.3.0; 3GPP TS 29.561 Version 15.3.0 Release 15	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 129572 V 15.5.0; 3GPP TS 29.572 Version 15.5.0 Release 15	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 129594 V 15.5.0; 3GPP TS 29.594 Version 15.5.0 Release 15	5G – 5G System – Spending Limit Control Service – Stage 3 (3GPP TS 29.594 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 131101 V 15.2.0; 3GPP TS 31.101 Version 15.2.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Physical and logical characteristics (3GPP TS 31.101 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 131102 V 15.7.0; 3GPP TS 31.102 Version 15.7.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 131111 V 15.7.0; 3GPP TS 31.111 Version 15.7.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 131121 V 15.5.0; 3GPP TS 31.121 Version 15.5.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 15.5.0 Release 15)	33.070.50	2019-10
ETSI TS 131130 V 14.2.0; 3GPP TS 31.130 Version 14.2.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – (U)SIM Application Programming Interface (API) – (U)SIM API for Java Card (3GPP TS 31.130 version 14.2.0 Release 14)	33.070.50	2019-10
ETSI TS 131130 V 15.2.0; 3GPP TS 31.130 Version 15.2.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – (U)SIM Application Programming Interface (API) – (U)SIM API for Java Card (3GPP TS 31.130 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 132255 V 15.4.0; 3GPP TS 32.255 Version 15.4.0 Release 15	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 15.4.0 Release 15)	33.070.50	2019-10

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ETSI TS 132290 V 15.5.1; 3GPP TS 32.290 Version 15.5.1 Release 15	5G – Telecommunication management – Charging management – 5G system – Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 15.5.1 Release 15)	33.070.50	2019-10
ETSI TS 132291 V 15.4.0; 3GPP TS 32.291 Version 15.4.0 Release 15	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 132297 V 15.4.0; 3GPP TS 32.297 Version 15.4.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) file format and transfer (3GPP TS 32.297 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 132298 V 15.8.0; 3GPP TS 32.298 Version 15.8.0 Release 15	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 15.8.0 Release 15)	33.070.50	2019-10
ETSI TS 132302 V 15.1.0; 3GPP TS 32.302 Version 15.1.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.302 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132312 V 15.1.0; 3GPP TS 32.312 Version 15.1.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Information Service (IS) (3GPP TS 32.312 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132421 V 11.8.0; 3GPP TS 32.421 Version 11.8.0 Release 11	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 11.8.0 Release 11)	33.070.50	2019-10
ETSI TS 132421 V 12.2.0; 3GPP TS 32.421 Version 12.2.0 Release 12	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 12.2.0 Release 12)	33.070.50	2019-10
ETSI TS 132421 V 13.1.0; 3GPP TS 32.421 Version 13.1.0 Release 13	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 13.1.0 Release 13)	33.070.50	2019-10
ETSI TS 132421 V 14.1.0; 3GPP TS 32.421 Version 14.1.0 Release 14	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 14.1.0 Release 14)	33.070.50	2019-10
ETSI TS 132421 V 15.2.0; 3GPP TS 32.421 Version 15.2.0 Release 15	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 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 132426 V 8.2.0; 3GPP TS 32.426 Version 8.2.0 Release 8	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 8.2.0 Release 8)	33.070.50	2019-10

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ETSI TS 132426 V 9.6.0; 3GPP TS 32.426 Version 9.6.0 Release 9	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 9.6.0 Release 9)	33.070.50	2019-10
ETSI TS 132426 V 10.6.0; 3GPP TS 32.426 Version 10.6.0 Release 10	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 10.6.0 Release 10)	33.070.50	2019-10
ETSI TS 132426 V 11.5.0; 3GPP TS 32.426 Version 11.5.0 Release 11	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 11.5.0 Release 11)	33.070.50	2019-10
ETSI TS 132426 V 12.1.0; 3GPP TS 32.426 Version 12.1.0 Release 12	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 12.1.0 Release 12)	33.070.50	2019-10
ETSI TS 132426 V 13.1.0; 3GPP TS 32.426 Version 13.1.0 Release 13	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 13.1.0 Release 13)	33.070.50	2019-10
ETSI TS 132426 V 14.2.0; 3GPP TS 32.426 Version 14.2.0 Release 14	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 14.2.0 Release 14)	33.070.50	2019-10
ETSI TS 132426 V 15.3.0; 3GPP TS 32.426 Version 15.3.0 Release 15	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 15.3.0 Release 15)	33.070.50	2019-10
ETSI TS 132450 V 13.1.0; 3GPP TS 32.450 Version 13.1.0 Release 13	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 13.1.0 Release 13)	33.070.50	2019-10
ETSI TS 132450 V 14.1.0; 3GPP TS 32.450 Version 14.1.0 Release 14	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 14.1.0 Release 14)	33.070.50	2019-10
ETSI TS 132450 V 15.2.0; 3GPP TS 32.450 Version 15.2.0 Release 15	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 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 132502 V 11.1.0; 3GPP TS 32.502 Version 11.1.0 Release 11	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 11.1.0 Release 11)	33.070.50	2019-10
ETSI TS 132502 V 12.1.0; 3GPP TS 32.502 Version 12.1.0 Release 12	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 12.1.0 Release 12)	33.070.50	2019-10
ETSI TS 132502 V 13.1.0; 3GPP TS 32.502 Version 13.1.0 Release 13	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 13.1.0 Release 13)	33.070.50	2019-10

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ETSI TS 132502 V 14.1.1; 3GPP TS 32.502 Version 14.1.1 Release 14	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 14.1.1 Release 14)	33.070.50	2019-10
ETSI TS 132502 V 15.1.1; 3GPP TS 32.502 Version 15.1.1 Release 15	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 15.1.1 Release 15)	33.070.50	2019-10
ETSI TS 132600 V 15.1.0; 3GPP TS 32.600 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132602 V 15.1.0; 3GPP TS 32.602 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132606 V 15.1.0; 3GPP TS 32.606 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132612 V 15.1.0; 3GPP TS 32.612 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132616 V 15.1.0; 3GPP TS 32.616 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132661 V 15.1.0; 3GPP TS 32.661 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132662 V 15.1.0; 3GPP TS 32.662 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132666 V 15.1.0; 3GPP TS 32.666 Version 15.1.0 Release 15	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 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 132690 V 15.1.0; 3GPP TS 32.690 Version 15.1.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) – Requirements (3GPP TS 32.690 version 15.1.0 Release 15)	33.070.50	2019-10

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ETSI TS 133108 V 15.6.0; 3GPP TS 33.108 Version 15.6.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 15.6.0 Release 15)	33.070.50	2019-10
ETSI TS 133117 V 14.6.0; 3GPP TS 33.117 Version 14.6.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Catalogue of general security assurance requirements (3GPP TS 33.117 version 14.6.0 Release 14)	33.070.50	2019-10
ETSI TS 133117 V 15.4.0; 3GPP TS 33.117 Version 15.4.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Catalogue of general security assurance requirements (3GPP TS 33.117 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 133127 V 15.3.0; 3GPP TS 33.127 Version 15.3.0 Release 15	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 15.3.0 Release 15)	33.070.50	2019-10
ETSI TS 133128 V 15.2.0; 3GPP TS 33.128 Version 15.2.0 Release 15	LTE – 5G – Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Security – Protocol and procedures for Lawful Interception (LI) – Stage 3 (3GPP TS 33.128 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 133163 V 15.6.0; 3GPP TS 33.163 Version 15.6.0 Release 15	LTE – 5G – Battery Efficient Security for very low throughput Machine Type Communication (MTC) devices (BEST) (3GPP TS 33.163 version 15.6.0 Release 15)	33.070.50	2019-10
ETSI TS 133180 V 15.6.0; 3GPP TS 33.180 Version 15.6.0 Release 15	LTE – Security of the mission critical service (3GPP TS 33.180 version 15.6.0 Release 15)	33.070.50	2019-10
ETSI TS 133210 V 15.2.2; 3GPP TS 33.210 Version 15.2.2 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Network Domain Security (NDS) – IP network layer security (3GPP TS 33.210 version 15.2.2 Release 15)	33.070.50	2019-10
ETSI TS 133216 V 15.1.0; 3GPP TS 33.216 Version 15.1.0 Release 15	LTE – Security Assurance Specification (SCAS) for the evolved Node B (eNB) network product class (3GPP TS 33.216 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 133250 V 14.1.0; 3GPP TS 33.250 Version 14.1.0 Release 14	LTE – Security assurance specification for the PGW network product class (3GPP TS 33.250 version 14.1.0 Release 14)	33.070.50	2019-10
ETSI TS 133250 V 15.1.0; 3GPP TS 33.250 Version 15.1.0 Release 15	LTE – Security assurance specification for the PGW network product class (3GPP TS 33.250 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 133401 V 15.9.0; 3GPP TS 33.401 Version 15.9.0 Release 15	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 15.9.0 Release 15)	33.070.50	2019-10
ETSI TS 133501 V 15.6.0; 3GPP TS 33.501 Version 15.6.0 Release 15	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.6.0 Release 15)	33.070.50	2019-10
ETSI TR 133926 V 15.2.0; 3GPP TR 33.926 Version 15.2.0 Release 15	LTE – Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 134108 V 15.2.0; 3GPP TS 34.108 Version 15.2.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Common test environments for User Equipment (UE) – Conformance testing (3GPP TS 34.108 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 134123-3 V 15.3.0; 3GPP TS 34.123-3 Version 15.3.0 Release 15	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 15.3.0 Release 15)	33.070.50	2019-10

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ETSI TS 134229-1 V 15.1.0; 3GPP TS 34.229-1 Version 15.1.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 134229-2 V 15.1.0; 3GPP TS 34.229-2 Version 15.1.0 Release 15	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 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 134229-3 V 15.2.0; 3GPP TS 34.229-3 Version 15.2.0 Release 15	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 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 135231 V 12.2.0; 3GPP TS 35.231 Version 12.2.0 Release 12	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 1: Algorithm specification (3GPP TS 35.231 version 12.2.0 Release 12)	33.070.50	2019-10
ETSI TS 135231 V 13.1.0; 3GPP TS 35.231 Version 13.1.0 Release 13	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 1: Algorithm specification (3GPP TS 35.231 version 13.1.0 Release 13)	33.070.50	2019-10
ETSI TS 135231 V 14.1.0; 3GPP TS 35.231 Version 14.1.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 1: Algorithm specification (3GPP TS 35.231 version 14.1.0 Release 14)	33.070.50	2019-10
ETSI TS 136101 V 13.17.0; 3GPP TS 36.101 Version 13.17.0 Release 13	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 13.17.0 Release 13)	33.070.50; 33.070.99	2019-10
ETSI TS 136101 V 14.13.0; 3GPP TS 36.101 Version 14.13.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.13.0 Release 14)	33.070.50; 33.070.99	2019-10
ETSI TS 136101 V 15.8.0; 3GPP TS 36.101 Version 15.8.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.8.0 Release 15)	33.070.50; 33.070.99	2019-10
ETSI TS 136104 V 15.8.0; 3GPP TS 36.104 Version 15.8.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 15.8.0 Release 15)	33.070.50	2019-10
ETSI TS 136113 V 15.4.0; 3GPP TS 36.113 Version 15.4.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC) (3GPP TS 36.113 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 136133 V 13.17.0; 3GPP TS 36.133 Version 13.17.0 Release 13	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 13.17.0 Release 13)	33.070.50; 33.070.99	2019-10
ETSI TS 136133 V 14.13.0; 3GPP TS 36.133 Version 14.13.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 14.13.0 Release 14)	33.070.50; 33.070.99	2019-10

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ETSI TS 136133 V 15.8.0; 3GPP TS 36.133 Version 15.8.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 15.8.0 Release 15)	33.070.50; 33.070.99	2019-10
ETSI TS 136141 V 13.13.0; 3GPP TS 36.141 Version 13.13.0 Release 13	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 13.13.0 Release 13)	33.070.50	2019-10
ETSI TS 136141 V 14.10.0; 3GPP TS 36.141 Version 14.10.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 14.10.0 Release 14)	33.070.50	2019-10
ETSI TS 136141 V 15.8.0; 3GPP TS 36.141 Version 15.8.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 15.8.0 Release 15)	33.070.50	2019-10
ETSI TS 136211 V 13.12.0; 3GPP TS 36.211 Version 13.12.0 Release 13	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 13.12.0 Release 13)	33.070.50	2019-10
ETSI TS 136211 V 14.12.0; 3GPP TS 36.211 Version 14.12.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 14.12.0 Release 14)	33.070.50	2019-10
ETSI TS 136211 V 15.7.0; 3GPP TS 36.211 Version 15.7.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation (3GPP TS 36.211 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 136212 V 15.7.0; 3GPP TS 36.212 Version 15.7.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding (3GPP TS 36.212 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 136213 V 14.12.0; 3GPP TS 36.213 Version 14.12.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 14.12.0 Release 14)	33.070.50	2019-10
ETSI TS 136213 V 15.7.0; 3GPP TS 36.213 Version 15.7.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 136214 V 15.4.0; 3GPP TS 36.214 Version 15.4.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer – Measurements (3GPP TS 36.214 version 15.4.0 Release 15)	33.070.50	2019-10
ETSI TS 136300 V 14.11.0; 3GPP TS 36.300 Version 14.11.0 Release 14	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 14.11.0 Release 14)	33.070.50	2019-10
ETSI TS 136300 V 15.7.0; 3GPP TS 36.300 Version 15.7.0 Release 15	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 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 136306 V 15.6.0; 3GPP TS 36.306 Version 15.6.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 15.6.0 Release 15)	33.070.50	2019-10
ETSI TS 136307 V 14.9.0; 3GPP TS 36.307 Version 14.9.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 14.9.0 Release 14)	33.070.50	2019-10
ETSI TS 136307 V 15.6.0; 3GPP TS 36.307 Version 15.6.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 15.6.0 Release 15)	33.070.50	2019-10
ETSI TS 136321 V 15.7.0; 3GPP TS 36.321 Version 15.7.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 136322 V 15.3.0; 3GPP TS 36.322 Version 15.3.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Link Control (RLC) protocol specification (3GPP TS 36.322 version 15.3.0 Release 15)	33.070.50	2019-10

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ETSI TS 136331 V 14.12.0; 3GPP TS 36.331 Version 14.12.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 14.12.0 Release 14)	33.070.50	2019-10
ETSI TS 136331 V 15.7.0; 3GPP TS 36.331 Version 15.7.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 136355 V 15.5.0; 3GPP TS 36.355 Version 15.5.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 15.5.0 Release 15)	33.070.50	2019-10
ETSI TS 136413 V 15.7.1; 3GPP TS 36.413 Version 15.7.1 Release 15	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 15.7.1 Release 15)	33.070.50	2019-10
ETSI TS 136423 V 13.8.0; 3GPP TS 36.423 Version 13.8.0 Release 13	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 13.8.0 Release 13)	33.070.50	2019-10
ETSI TS 136423 V 14.8.0; 3GPP TS 36.423 Version 14.8.0 Release 14	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 14.8.0 Release 14)	33.070.50	2019-10
ETSI TS 136423 V 15.7.0; 3GPP TS 36.423 Version 15.7.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 136579-1 V 14.4.0; 3GPP TS 36.579-1 Version 14.4.0 Release 14	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 14.4.0 Release 14)	33.070.99	2019-10
ETSI TS 136579-2 V 14.4.0; 3GPP TS 36.579-2 Version 14.4.0 Release 14	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 14.4.0 Release 14)	33.070.99	2019-10
ETSI TS 136579-4 V 14.1.0; 3GPP TS 36.579-4 Version 14.1.0 Release 14	LTE – Mission Critical (MC) services over LTE – Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 14.1.0 Release 14)	33.070.99	2019-10
ETSI TR 136903 V 15.1.0; 3GPP TR 36.903 Version 15.1.0 Release 15	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 15.1.0 Release 15)	33.070.50	2019-10
ETSI TS 137104 V 15.8.0; 3GPP TS 37.104 Version 15.8.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 15.8.0 Release 15)	33.070.50	2019-10
ETSI TS 137105 V 13.10.0; 3GPP TS 37.105 Version 13.10.0 Release 13	Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 13.10.0 Release 13)	33.070.99	2019-10
ETSI TS 137105 V 14.6.0; 3GPP TS 37.105 Version 14.6.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 14.6.0 Release 14)	33.070.99	2019-10
ETSI TS 137105 V 15.7.0; 3GPP TS 37.105 Version 15.7.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 15.7.0 Release 15)	33.070.99	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 137113 V 15.7.0; 3GPP TS 37.113 Version 15.7.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 15.7.0 Release 15)	33.070.50	2019-10
ETSI TS 137114 V 15.6.0; 3GPP TS 37.114 Version 15.6.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.114 version 15.6.0 Release 15)	33.070.99	2019-10
ETSI TS 137141 V 15.8.0; 3GPP TS 37.141 Version 15.8.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR, E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 15.8.0 Release 15)	33.070.50	2019-10
ETSI TS 137145-1 V 15.5.0; 3GPP TS 37.145-1 Version 15.5.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 1: conducted conformance testing (3GPP TS 37.145-1 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 137145-2 V 14.9.0; 3GPP TS 37.145-2 Version 14.9.0 Release 14	Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: radiated conformance testing (3GPP TS 37.145-2 version 14.9.0 Release 14)	33.070.99	2019-10
ETSI TS 137145-2 V 15.5.0; 3GPP TS 37.145-2 Version 15.5.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Active Antenna System (AAS) Base Station (BS) conformance testing – Part 2: radiated conformance testing (3GPP TS 37.145-2 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 137340 V 15.7.0; 3GPP TS 37.340 Version 15.7.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 137571-4 V 15.2.0; 3GPP TS 37.571-4 Version 15.2.0 Release 15	Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 138101-1 V 15.7.0; 3GPP TS 38.101-1 Version 15.7.0 Release 15	5G – NR – User Equipment (UE) radio transmission and reception – Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138101-2 V 15.7.0; 3GPP TS 38.101-2 Version 15.7.0 Release 15	5G – NR – User Equipment (UE) radio transmission and reception – Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138101-3 V 15.7.0; 3GPP TS 38.101-3 Version 15.7.0 Release 15	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 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138101-4 V 15.3.0; 3GPP TS 38.101-4 Version 15.3.0 Release 15	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 138104 V 15.7.0; 3GPP TS 38.104 Version 15.7.0 Release 15	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138113 V 15.7.0; 3GPP TS 38.113 Version 15.7.0 Release 15	5G – NR – Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138133 V 15.7.0; 3GPP TS 38.133 Version 15.7.0 Release 15	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.7.0 Release 15)	33.070.99	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138141-1 V 15.3.0; 3GPP TS 38.141-1 Version 15.3.0 Release 15	5G – NR – Base Station (BS) conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 138141-2 V 15.3.0; 3GPP TS 38.141-2 Version 15.3.0 Release 15	5G – NR – Base Station (BS) conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 138211 V 15.7.0; 3GPP TS 38.211 Version 15.7.0 Release 15	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138212 V 15.7.0; 3GPP TS 38.212 Version 15.7.0 Release 15	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138213 V 15.7.0; 3GPP TS 38.213 Version 15.7.0 Release 15	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138214 V 15.7.0; 3GPP TS 38.214 Version 15.7.0 Release 15	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138300 V 15.7.0; 3GPP TS 38.300 Version 15.7.0 Release 15	5G – NR – Overall description – Stage-2 (3GPP TS 38.300 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138304 V 15.5.0; 3GPP TS 38.304 Version 15.5.0 Release 15	5G – NR – User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 138306 V 15.7.0; 3GPP TS 38.306 Version 15.7.0 Release 15	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138321 V 15.7.0; 3GPP TS 38.321 Version 15.7.0 Release 15	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138331 V 15.7.0; 3GPP TS 38.331 Version 15.7.0 Release 15	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138412 V 15.3.0; 3GPP TS 38.412 Version 15.3.0 Release 15	5G – NG-RAN – NG signalling transport (3GPP TS 38.412 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 138413 V 15.5.0; 3GPP TS 38.413 Version 15.5.0 Release 15	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 138421 V 15.1.0; 3GPP TS 38.421 Version 15.1.0 Release 15	5G – NG-RAN – Xn layer 1 (3GPP TS 38.421 version 15.1.0 Release 15)	33.070.99	2019-10
ETSI TS 138422 V 15.3.0; 3GPP TS 38.422 Version 15.3.0 Release 15	5G – NG-RAN – Xn signalling transport (3GPP TS 38.422 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 138423 V 15.5.0; 3GPP TS 38.423 Version 15.5.0 Release 15	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 138461 V 15.1.0; 3GPP TS 38.461 Version 15.1.0 Release 15	5G – NG-RAN – E1 layer 1 (3GPP TS 38.461 version 15.1.0 Release 15)	33.070.99	2019-10
ETSI TS 138462 V 15.5.0; 3GPP TS 38.462 Version 15.5.0 Release 15	5G – NG-RAN – E1 signalling transport (3GPP TS 38.462 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 138463 V 15.5.0; 3GPP TS 38.463 Version 15.5.0 Release 15	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.5.0 Release 15)	33.070.99	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138472 V 15.5.0; 3GPP TS 38.472 Version 15.5.0 Release 15	5G – NG-RAN – F1 signalling transport (3GPP TS 38.472 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 138473 V 15.7.0; 3GPP TS 38.473 Version 15.7.0 Release 15	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 15.7.0 Release 15)	33.070.99	2019-10
ETSI TS 138474 V 15.3.0; 3GPP TS 38.474 Version 15.3.0 Release 15	5G – NG-RAN – F1 data transport (3GPP TS 38.474 version 15.3.0 Release 15)	33.070.99	2019-10
ETSI TS 138509 V 15.5.0; 3GPP TS 38.509 Version 15.5.0 Release 15	5G – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 138523-3 V 15.5.0; 3GPP TS 38.523-3 Version 15.5.0 Release 15	5G – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.5.0 Release 15)	33.070.99	2019-10
ETSI TS 143064 V 13.4.0; 3GPP TS 43.064 Version 13.4.0 Release 13	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 13.4.0 Release 13)	33.070.50	2019-10
ETSI TS 143064 V 14.5.0; 3GPP TS 43.064 Version 14.5.0 Release 14	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 14.5.0 Release 14)	33.070.50	2019-10
ETSI TS 143064 V 15.2.0; 3GPP TS 43.064 Version 15.2.0 Release 15	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 15.2.0 Release 15)	33.070.50	2019-10
ETSI TS 145008 V 13.11.0; 3GPP TS 45.008 Version 13.11.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Radio subsystem link control (3GPP TS 45.008 version 13.11.0 Release 13)	33.070.50	2019-10
ETSI TS 145008 V 14.9.0; 3GPP TS 45.008 Version 14.9.0 Release 14	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Radio subsystem link control (3GPP TS 45.008 version 14.9.0 Release 14)	33.070.50	2019-10
ETSI TS 145008 V 15.5.0; 3GPP TS 45.008 Version 15.5.0 Release 15	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM/EDGE Radio subsystem link control (3GPP TS 45.008 version 15.5.0 Release 15)	33.070.50	2019-10
ETSI TS 151010-1 V 13.10.0; 3GPP TS 51.010-1 Version 13.10.0 Release 13	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station (MS) conformance specification – Part 1: Conformance specification (3GPP TS 51.010-1 version 13.10.0 Release 13)	33.070.50	2019-10
ETSI GS CIM 009 V 1.2.1	Context Information Management (CIM) – NGSI-LD API	35.240.01	2019-10
ETSI GR ENI 004 V 2.1.1	Experiential Networked Intelligence (ENI) – Terminology for Main Concepts in ENI	35.080	2019-10
ETSI GR NGP 014 V 1.1.1	Next Generation Protocols (NGP) – Preferred Path Routing (PPR) for Next Generation Protocols	33.070.99	2019-10
ETSI GS NFV-SOL 009 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models: RESTful protocols specification for the management of NFV-MANO	35.110	2019-10
ETSI GS ZSM 001 V 1.1.1	Zero-touch network and Service Management (ZSM) – Requirements based on documented scenarios	35.080	2019-10
EN 303446-1 V 1.2.1	ElectroMagnetic Compatibility (EMC) standard for combined and/or integrated radio and non-radio equipment – Part 1: Requirements for equipment intended to be used in residential, commercial and light industry locations	33.100.01	2019-10
EN 303446-2 V 1.2.1	ElectroMagnetic Compatibility (EMC) standard for combined and/or integrated radio and non-radio equipment – Part 2: Requirements for equipment intended to be used in industrial locations	33.100.01	2019-10

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 62430	Environmentally conscious design – Principles, requirements and guidance	13.020.01; 13.020.30; 29.020; 31.020	2019-10
IWA 30-1	Competence of standards professionals – Part 1: In companies	01.120; 03.100.30	2019-10
IWA 30-2	Competence of standards professionals – Part 2: In standards-related organizations	01.120; 03.100.30	2019-10
ISO 105-A03	Textiles – Tests for colour fastness – Part A03: Grey scale for assessing staining	59.080.01	2019-10
ISO 374-2	Protective gloves against dangerous chemicals and micro-organisms – Part 2: Determination of resistance to penetration	13.340.40	2019-10
ISO 374-4	Protective gloves against dangerous chemicals and micro-organisms – Part 4: Determination of resistance to degradation by chemicals	13.340.40	2019-10
ISO 1711-1	Assembly tools for screws and nuts – Technical specifications – Part 1: Hand-operated wrenches and sockets	25.140.01	2019-10
ISO 1711-2	Assembly tools for screws and nuts – Technical specifications – Part 2: Machine-operated sockets (impact)	25.140.01	2019-10
ISO 1833-13	Textiles – Quantitative chemical analysis – Part 13: Mixtures of certain chlorofibres with certain other fibres (method using carbon disulfide/acetone)	59.060.01	2019-10
ISO 1920-6	Testing of concrete – Part 6: Sampling, preparing and testing of concrete cores	91.100.30	2019-10
ISO 2067	Granulated cork, broken cork and crushed cork – Sampling for the determination of moisture content	79.100	2019-10
ISO 2921	Rubber, vulcanized – Determination of low-temperature characteristics – Temperature-retraction procedure (TR test)	83.060	2019-10
ISO 3183	Petroleum and natural gas industries – Steel pipe for pipeline transportation systems	75.200; 77.140.75	2019-10
ISO 4411	Hydraulic fluid power – Valves – Determination of differential pressure/flow rate characteristics	23.100.50	2019-10
ISO 5940-1	Carbonaceous materials for the production of aluminium – Pitch for electrodes – Part 1: Determination of softening point by the ring-and-ball method	71.100.10	2019-10
ISO 6521-3	Lubricants, industrial oils and related products (Class L) – Family D (compressors) – Part 3: Specifications of categories DRA, DRB, DRC, DRD, DRE, DRF and DRG (lubricants for refrigerating compressors)	75.100	2019-10
ISO 6750-1	Earth-moving machinery – Operator's manual – Part 1: Contents and format	53.100	2019-10
ISO 6935-2	Steel for the reinforcement of concrete – Part 2: Ribbed bars	77.140.15; 91.080.40	2019-10
ISO 6947	Welding and allied processes – Welding positions	25.160.40	2019-10
ISO 8061	Alpine ski-bindings – Selection of release torques values	97.220.20	2019-10
ISO 8504-1	Preparation of steel substrates before application of paints and related products – Surface preparation methods – Part 1: General principles	25.220.10	2019-10
ISO 8504-2	Preparation of steel substrates before application of paints and related products – Surface preparation methods – Part 2: Abrasive blast-cleaning	25.220.10	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 8820-8	Road vehicles – Fuse-links – Part 8: Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450 V	43.040.10	2019-10
ISO 9090	Gas tightness of equipment for gas welding and allied processes	25.160.30	2019-10
ISO 9693	Dentistry – Compatibility testing for metal-ceramic and ceramic-ceramic systems	11.060.10	2019-10
ISO 10110-1	Optics and photonics – Preparation of drawings for optical elements and systems – Part 1: General	01.100.20; 37.020	2019-10
ISO 10312	Ambient air – Determination of asbestos fibres – Direct transfer transmission electron microscopy method	13.040.20	2019-10
ISO 10962	Securities and related financial instruments – Classification of financial instruments (CFI) code	03.060	2019-10
ISO 11118 AMD 1	Gas cylinders – Non-refillable metallic gas cylinders – Specification and test methods; Amendment 1	23.020.35	2019-10
ISO 12039	Stationary source emissions – Determination of the mass concentration of carbon monoxide, carbon dioxide and oxygen in flue gas – Performance characteristics of automated measuring systems	13.040.40	2019-10
ISO 12821	Glass packaging – 26 H 180 crown finish – Dimensions	55.100	2019-10
ISO 13076	Paints and varnishes – Lighting and procedure for visual assessments of coatings	87.040	2019-10
ISO 13287	Personal protective equipment – Footwear – Test method for slip resistance	13.340.50	2019-10
ISO 13492	Financial services – Key-management-related data element – Application and usage of ISO 8583-1 data elements for encryption	35.240.40	2019-10
ISO 13794	Ambient air – Determination of asbestos fibres – Indirect-transfer transmission electron microscopy method	13.040.20	2019-10
ISO 13857	Safety of machinery – Safety distances to prevent hazard zones being reached by upper and lower limbs	13.110	2019-10
ISO 13919-1	Electron and laser-beam welded joints – Requirements and recommendations on quality levels for imperfections – Part 1: Steel, nickel, titanium and their alloys	25.160.40	2019-10
ISO 14007	Environmental management – Guidelines for determining environmental costs and benefits	13.020.20	2019-10
ISO 14713-2	Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 2: Hot dip galvanizing	25.220.40	2019-10
ISO 15607	Specification and qualification of welding procedures for metallic materials – General rules	25.160.10	2019-10
ISO/TS 15926-4	Industrial automation systems and integration – Integration of life-cycle data for process plants including oil and gas production facilities – Part 4: Initial reference data	25.040.40; 75.020	2019-10
ISO 15958	Fertilizers – Extraction of water soluble phosphorus	65.080	2019-10
ISO 16073-1	Wildland firefighting personal protective equipment – Requirements and test methods – Part 1: General	13.220.10; 13.340.10	2019-10
ISO 16073-3	Wildland firefighting personal protective equipment – Requirements and test methods – Part 3: Clothing	13.220.10; 13.340.10	2019-10
ISO 16073-8	Wildland firefighting personal protective equipment – Requirements and test methods – Part 8: Hearing	13.220.10; 13.340.20	2019-10
ISO 16092-2	Machine tools safety – Presses – Part 2: Safety requirement for mechanical presses	25.080.01	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 16620-2	Plastics – Biobased content – Part 2: Determination of biobased carbon content	83.080.01	2019-10
ISO 16820	Sensory analysis – Methodology – Sequential analysis	67.240	2019-10
ISO 16929	Plastics – Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test	83.080.01	2019-10
ISO 17492	Clothing for protection against heat and flame – Determination of heat transmission on exposure to both flame and radiant heat	13.340.10	2019-10
ISO 17616	Soil quality – Guidance on the choice and evaluation of bioassays for ecotoxicological characterization of soils and soil materials	13.080.05	2019-10
ISO 17987-8	Road vehicles – Local Interconnect Network (LIN) – Part 8: Electrical physical layer (EPL) specification: LIN over DC powerline (DC-LIN)	43.040.15	2019-10
ISO 18640-1 AMD 1	Protective clothing for firefighters – Physiological impact – Part 1: Measurement of coupled heat and moisture transfer with the sweating torso; Amendment 1	13.340.10	2019-10
ISO 18640-2 AMD 1	Protective clothing for firefighters – Physiological impact – Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters; Amendment 1	13.340.10	2019-10
ISO 18674-5	Geotechnical investigation and testing – Geotechnical monitoring by field instrumentation – Part 5: Stress change measurements by total pressure cells (TPC)	13.080.20; 93.020	2019-10
ISO/TS 19016	Gas cylinders – Cylinders and tubes of composite construction – Modal acoustic emission (MAE) testing for periodic inspection and testing	23.020.35	2019-10
ISO/TS 19468	Intelligent transport systems – Data interfaces between centres for transport information and control systems – Platform independent model specifications for data exchange protocols for transport information and control systems	03.220.20; 35.240.60	2019-10
ISO 19880-8	Gaseous hydrogen – Fuelling stations – Part 8: Fuel quality control	43.060.40; 71.100.20	2019-10
ISO 20145	Pneumatic fluid power – Test methods for measuring acoustic emission pressure levels of exhaust silencers	23.100.99	2019-10
ISO 20415	Trusted mobile e-document framework – Requirements, functionality and criteria for ensuring reliable and safe mobile e-business	35.240.63	2019-10
ISO 20588	Animal feeding stuffs – Vocabulary	01.040.65; 65.120	2019-10
ISO 20674-1	Information and documentation – Transliteration of scripts in use in Thailand – Part 1: Transliteration of Akson-Thai-Noi	01.140.10	2019-10
ISO 20766-18	Road vehicles – Liquefied petroleum gas (LPG) fuel systems components – Part 18: Hose	43.060.40	2019-10
ISO 20766-20	Road vehicles – Liquefied petroleum gas (LPG) fuel systems components – Part 20: Filter unit	43.060.40	2019-10
ISO 20854	Thermal containers – Safety standard for refrigerating systems using flammable refrigerants – Requirements for design and operation	55.180.10	2019-10
ISO 20927	Rubber compounding ingredients – Precipitated silica – Determination of aggregate size distribution by disc centrifuge	83.040.20	2019-10
ISO 20987	Simplified design for mechanical connections between precast concrete structural elements in buildings	91.080.40	2019-10

Oznaka norme	Naslov norme	ICS	Datum objave
ISO/TS 21104	Road vehicles – Liquefied natural gas (LNG) integrated low pressure refuelling and venting connector – 1,8 MPa connector	43.060.40	2019-10
ISO/TS 21185	Intelligent transport systems – Communication profiles for secure connections between trusted devices	03.220.20; 35.240.60	2019-10
ISO/TS 21192	Electronic fee collection – Support for traffic management	03.220.20; 35.240.60	2019-10
ISO/TS 21193	Electronic fee collection – Requirements for EFC application interfaces on common media	03.220.20; 35.240.60	2019-10
ISO/TS 21236-1	Nanotechnologies – Clay nanomaterials – Part 1: Specification of characteristics and measurement methods for layered clay nanomaterials	07.120	2019-10
ISO 21365	Soil quality – Conceptual site models for potentially contaminated sites	13.080.01	2019-10
ISO 21398	Hard coal and coke – Guidance to the inspection of mechanical sampling systems	73.040; 75.160.10	2019-10
ISO 21441	Road vehicles – Engine EGR cooler – Heat dissipation test methods	43.060.30	2019-10
ISO/TS 21526	Health informatics – Metadata repository requirements (MetaRep)	35.240.80	2019-10
ISO 21572	Foodstuffs – Molecular biomarker analysis – Immunochemical methods for the detection and quantification of proteins	67.050	2019-10
ISO 21675	Water quality – Determination of perfluoroalkyl and polyfluoroalkyl substances (PFAS) in water – Method using solid phase extraction and liquid chromatography-tandem mass spectrometry (LC-MS/MS)	13.060.50	2019-10
ISO 21821	Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of densification properties of ceramic powders on natural sintering	81.060.30	2019-10
ISO 21874	PVD multi-layer hard coatings – Composition, structure and properties	25.220.40	2019-10
ISO 21881	Sterile packaged ready for filling glass cartridges	11.080.30	2019-10
ISO 21882	Sterile packaged ready for filling glass vials	11.080.30	2019-10
ISO/TS 22077-4	Health informatics – Medical waveform format – Part 4: Stress test electrocardiography	35.240.80	2019-10
ISO 22197-2	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for air-purification performance of semiconducting photocatalytic materials – Part 2: Removal of acetaldehyde	81.060.30	2019-10
ISO 22197-3	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for air-purification performance of semiconducting photocatalytic materials – Part 3: Removal of toluene	81.060.30	2019-10
ISO 22301	Security and resilience – Business continuity management systems – Requirements	03.100.01; 03.100.70	2019-10
ISO/TS 22499	Thermoplastic pipes for the conveyance of fluids – Inspection of polyethylene butt fusion joints using phased array ultrasonic testing	23.040.20	2019-10
ISO 22553-1	Paints and varnishes – Electro-deposition coatings – Part 1: Vocabulary	01.040.87; 87.040	2019-10
ISO 22553-2	Paints and varnishes – Electro-deposition coatings – Part 2: Throwing power	87.040	2019-10
ISO 22553-3	Paints and varnishes – Electro-deposition coatings – Part 3: Compatibility of electro-deposition coating materials with a reference oil	87.040	2019-10

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ISO 22553-4	Paints and varnishes – Electro-deposition coatings – Part 4: Compatibility of electro-deposition coating materials with liquid, paste-like and solid foreign materials	87.040	2019-10
ISO 22553-5	Paints and varnishes – Electro-deposition coatings – Part 5: Determination of sieve residue	87.040	2019-10
ISO 22553-6	Paints and varnishes – Electro-deposition coatings – Part 6: Entry marks	87.040	2019-10
ISO 24509	Ergonomics – Accessible design – A method for estimating minimum legible font size for people at any age	13.180	2019-10
ISO 24536	Service activities relating to drinking water supply, wastewater and stormwater systems – Stormwater management – Guidelines for stormwater management in urban areas	03.080.30; 13.060.01; 93.025	2019-10
ISO 24550	Ergonomics – Accessible design – Indicator lights on consumer products	11.180.30; 13.180	2019-10
ISO 24551	Ergonomics – Accessible design – Spoken instructions of consumer products	11.180.30; 13.180	2019-10
ISO 26202	Magnesium and magnesium alloys – Magnesium alloys for cast anodes	77.120.20	2019-10
ISO 27065 AMD 1	Protective clothing – Performance requirements for protective clothing worn by operators applying pesticides and for re-entry workers – Amendment 1: Surrogate test chemical	13.340.10	2019-10
ISO 44002	Collaborative business relationship management systems – Guidelines on the implementation of ISO 44001	03.100.01; 03.100.70	2019-10

Međunarodna normizacija (IEC)

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CISPR 32 AMD 1	Electromagnetic compatibility of multimedia equipment – Emission requirements; Amendment 1	33.100.10	2019-10
CISPR 32 Edition 2.1	Electromagnetic compatibility of multimedia equipment – Emission requirements	33.100.10	2019-10
IEC 60050-103 AMD 2	International Electrotechnical Vocabulary (IEV) – Part 103: Mathematics – Functions; Amendment 2	01.040.07; 01.040.29; 07.020; 29.020	2019-10
IEC 60050-113 AMD 2	International Electrotechnical Vocabulary (IEV) – Part 113: Physics for electrotechnology; Amendment 2	01.040.07; 01.040.29; 07.030; 29.020	2019-10
IEC 60050-121 AMD 3	International Electrotechnical Vocabulary (IEV) – Part 121: Electromagnetism; Amendment 3	01.040.17; 01.040.29; 17.220.01; 29.020	2019-10
IEC 60050-131 AMD 3	International Electrotechnical Vocabulary (IEV) – Part 131: Circuit theory; Amendment 3	01.040.17; 01.040.29; 17.220.01; 29.020	2019-10
IEC 60050-151 AMD 3	International Electrotechnical Vocabulary (IEV) – Part 151: Electrical and magnetic devices; Amendment 3	01.040.29; 29.020; 29.100.01	2019-10
IEC 60050-161 AMD 9	International Electrotechnical Vocabulary (IEV) – Part 161: Electromagnetic compatibility; Amendment 9	01.040.29; 01.040.33; 29.020; 33.100.01	2019-10
IEC 60050-523 AMD 1	International Electrotechnical Vocabulary (IEV) – Part 523: Micro-electromechanical systems (MEMS); Amendment 1	01.040.29; 01.040.31; 29.020; 31.080.99	2019-10
IEC 60050-701 AMD 2	International Electrotechnical Vocabulary (IEV) – Part 701: Telecommunications, channels and networks; Amendment 2	01.040.29; 01.040.33; 29.020; 33.020	2019-10
IEC 60050-702 AMD 5	International Electrotechnical Vocabulary (IEV) – Part 702: Oscillations, signals and related devices; Amendment 5	01.040.31; 01.040.33; 29.020; 31.020; 33.020	2019-10
IEC 60050-704 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 704: Transmission; Amendment 4	01.040.33; 33.020; 35.040.40	2019-10
IEC 60050-705 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 705: Radio wave propagation; Amendment 4	01.040.29; 01.040.33; 29.020; 33.060.01	2019-10
IEC 60050-713 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 713: Radiocommunications: transmitters, receivers, networks and operation; Amendment 4	01.040.29; 01.040.33; 29.020; 33.060.20	2019-10
IEC 60050-714 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 714: Switching and signalling in telecommunications; Amendment 4	01.040.29; 01.040.33; 29.020; 33.020	2019-10
IEC 60050-715 AMD 2	International Electrotechnical Vocabulary (IEV) – Part 715: Telecommunication networks, teletraffic and operation; Amendment 2	01.040.29; 01.040.33; 29.020; 33.040.01	2019-10
IEC 60050-721 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 721: Telegraphy, facsimile and data communication; Amendment 4	01.040.29; 01.040.33; 29.020; 33.040.01	2019-10
IEC 60050-723 AMD 5	International Electrotechnical Vocabulary (IEV) – Part 723: Broadcasting: Sound, television, data; Amendment 5	01.040.29; 01.040.33; 29.020; 33.160.01	2019-10
IEC 60050-725 AMD 2	International Electrotechnical Vocabulary (IEV) – Part 725: Space radiocommunications; Amendment 2	01.040.29; 01.040.33; 29.020; 33.020	2019-10
IEC 60050-726 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 726: Transmission lines and waveguides; Amendment 4	01.040.29; 01.040.33; 29.020; 33.120.10	2019-10

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IEC 60050-731 AMD 4	International Electrotechnical Vocabulary (IEV) – Part 731: Optical fibre communication; Amendment 4	01.040.29; 01.040.33; 29.020; 33.180.01	2019-10
IEC 60050-845 AMD 2	International Electrotechnical Vocabulary (IEV) – Part 845: Lighting; Amendment 2	01.040.01; 01.040.29; 01.040.91; 29.020; 91.160.01	2019-10
IEC 60050-881 AMD 2	International Electrotechnical Vocabulary (IEV) – Part 881: Radiology and radiological physics; Amendment 2	01.040.11; 01.040.17; 11.040.50; 17.240	2019-10
IEC 60050-904 AMD 3	International Electrotechnical Vocabulary (IEV) – Part 904: Environmental standardization for electrical and electronic products and systems; Amendment 3	01.040.29; 13.020.01; 27.015	2019-10
IEC 60068-2-64 AMD 1	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance; Amendment 1	19.040	2019-10
IEC 60068-2-64 Edition 2.1	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance	19.040	2019-10
IEC 60077-3	Railway Applications – Electric equipment for rolling stock – Part 3: Electrotechnical components – Rules for DC circuit-breakers	45.060.01; RW611	2019-10
IEC 60077-4	Railway applications – Electric equipment for rolling stock – Part 4: Electrotechnical components – Rules for AC circuit-breakers	45.060.01; RW611	2019-10
IEC 60077-5	Railway applications – Electric equipment for rolling stock – Part 5: Electrotechnical components – Rules for HV fuses	45.060.01; RW020; RW200	2019-10
IEC 60079-19	Explosive atmospheres – Part 19: Equipment repair, overhaul and reclamation	29.260.20	2019-10
IEC 60086-4 Corrigendum 1	Primary batteries – Part 4: Safety of lithium batteries; Corrigendum 1	29.220.10	2019-10
IEC 60118-13	Electroacoustics – Hearing aids – Part 13: Requirements and methods of measurement for electromagnetic immunity to mobile digital wireless devices	11.180.15; 17.140.50; 33.100.20	2019-10
IEC/TR 60146-1-2	Semiconductor converters – General requirements and line commutated converters – Part 1-2: Application guide	29.045; 29.200	2019-10
IEC/TR 60286-7	Packaging of components for automatic handling – Part 7: Introduction of a bulk blister pack for miniaturized components	31.020; 31.240	2019-10
IEC 60335-2-84	Household and similar electrical appliances – Safety – Part 2-84: Particular requirements for toilet appliances	91.140.70	2019-10
IEC 60335-2-110 AMD 1	Household and similar electrical appliances – Safety – Part 2-110: Particular requirements for commercial microwave appliances with insertion or contacting applicators	97.030; 97.040.20	2019-10
IEC 60335-2-110 Edition 1.1	Household and similar electrical appliances – Safety – Part 2-110: Particular requirements for commercial microwave appliances with insertion or contacting applicators	97.030; 97.040.20	2019-10
IEC 60364-7-701	Low-voltage electrical installations – Part 7-701: Requirements for special installations or locations – Locations containing a bath or shower	29.020; 91.140.50; 91.140.70	2019-10
IEC 60601-2-43 AMD 2	Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures; Amendment 2	11.040.50; 37.040.25	2019-10

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IEC 60601-2-43 Edition 2.2	Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures	11.040.50; 37.040.25	2019-10
IEC 60601-2-66	Medical electrical equipment – Part 2-66: Particular requirements for the basic safety and essential performance of hearing aids and hearing aid systems	11.180.15; 17.140.50	2019-10
IEC 60794-1-23	Optical fibre cables – Part 1-23: Generic specification – Basic optical cable test procedures – Cable element test methods	33.180.10	2019-10
IEC 60947-5-2	Low-voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches	29.120.40; 29.130.20	2019-10
IEC 61400-2 Corrigendum 1	Wind turbines – Part 2: Small wind turbines; Corrigendum 1	27.180	2019-10
IEC 61400-11 AMD 1 Corrigendum 1	Wind turbines – Part 11: Acoustic noise measurement techniques; Amendment 1; Corrigendum 1	17.140.20; 27.180	2019-10
IEC 61535	Installation couplers intended for permanent connection in fixed installations	29.120.99	2019-10
IEC 61591	Cooking fume extractors – Methods for measuring performance	97.040.20	2019-10
IEC 61709 Corrigendum 1	Electric components – Reliability – Reference conditions for failure rates and stress models for conversion; Corrigendum 1	31.020	2019-10
IEC 61857-32	Electrical insulation systems – Procedures for thermal evaluation – Part 32: Multifactor evaluation with increased factors during diagnostic testing	29.080.30	2019-10
IEC 62026-3 Corrigendum 2	Low-voltage switchgear and controlgear – Controller-device interfaces (CDIs) – Part 3: DeviceNet; Corrigendum 2	29.130.20	2019-10
IEC 62040-1 Corrigendum 1	Uninterruptible power systems (UPS) – Part 1: Safety requirements; Corrigendum 1	29.160.40; 29.200	2019-10
IEC/TS 62257-9-7	Renewable energy and hybrid systems for rural electrification – Part 9-7: Recommendations for selection of inverters	27.160; 29.160.20	2019-10
IEC 62341-5-3	Organic light emitting diode (OLED) displays – Part 5-3: Measuring methods of image sticking and lifetime	31.120; 31.260	2019-10
IEC 62341-6-3 Corrigendum 1	Organic light emitting diode (OLED) displays – Part 6-3: Measuring methods of image quality; Corrigendum 1	31.120; 31.260	2019-10
IEC 62386-332 Corrigendum 1	Digital addressable lighting interface – Part 332: Particular requirements – Input devices – Feedback; Corrigendum 1	29.140.30; 35.240.99	2019-10
IEC/IEEE 62582-6	Nuclear power plants – Instrumentation and control important to safety – Electrical equipment condition monitoring methods – Part 6: Insulation resistance	27.120.20	2019-10
IEC/TS 62600-2	Marine energy – Wave, tidal and other water current converters – Part 2: Marine energy systems – Design requirements	07.060; 27.140; 27.190	2019-10
IEC/TR 62809	Summary of requirements and tests to products in the scope of IEC 60601-2-66	11.180.15; 17.140.50	2019-10
IEC 62858	Lightning density based on lightning location systems – General principles	29.020; 91.120.40	2019-10
IEC 62859 AMD 1	Nuclear power plants – Instrumentation and control systems – Requirements for coordinating safety and cybersecurity; Amendment 1	27.120.20; 35.030	2019-10
IEC 62859 Edition 1.1	Nuclear power plants – Instrumentation and control systems – Requirements for coordinating safety and cybersecurity	27.120.20; 35.030	2019-10

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IEC 62878-1	Device embedding assembly technology – Part 1: Generic specification for device embedded substrates	31.180; 31.190	2019-10
IEC 62885-9	Surface cleaning appliances – Part 9: Floor treatment machines with or without traction drive, for commercial use – Methods for measuring the performance	97.080	2019-10
IEC 62899-101	Printed electronics – Part 101: Terminology – Vocabulary	01.040.31; 31.180	2019-10
IEC 63006	Wireless power transfer (WPT) – Glossary of terms	01.040.29; 01.040.33; 29.240.99; 33.160.99	2019-10
IEC/TS 63050	Radiation protection instrumentation – Dosimeters for pulsed fields of ionizing radiation	13.280	2019-10
IEC/TR 63214	Nuclear power plants – Control rooms – Human factors engineering	27.120.20	2019-10
IEC/TR 63216	Low-voltage switchgear and controlgear – Electromagnetic compatibility assessment for switchgear and controlgear and their assemblies	29.130.20	2019-10
ISO/IEC 10373-7	Cards and security devices for personal identification – Test methods – Part 7: Contactless vicinity objects	35.240.15	2019-10
ISO/IEC 14776-224	Information technology – Small computer system interface (SCSI) – Part 224: Fibre Channel Protocol for SCSI, fourth version (FCP-4)	35.200	2019-10
ISO/IEC 15067-3-3	Information technology – Home Electronic System (HES) application model – Part 3-3: Model of a system of interacting Energy Management Agents (EMAs) for demand response energy management	35.200; 35.240.99	2019-10
ISO/IEC 15444-1	Information technology – JPEG 2000 image coding system – Part 1: Core coding system	35.040.30	2019-10
ISO/IEC 15444-15	Information technology – JPEG 2000 image coding system – Part 15: High-Throughput JPEG 2000	35.040.30	2019-10
ISO/IEC 17029	Conformity assessment – General principles and requirements for validation and verification bodies	03.120.20	2019-10
ISO/IEC 20085-1	IT Security techniques – Test tool requirements and test tool calibration methods for use in testing non-invasive attack mitigation techniques in cryptographic modules – Part 1: Test tools and techniques	35.030	2019-10
ISO/IEC 20543	Information technology – Security techniques – Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408	35.030	2019-10
ISO/IEC 23008-8 AMD 1	Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 8: Conformance specification for HEVC – Amendment 1: Conformance testing for HEVC screen content coding (SCC) extensions and non-intra high throughput profiles	35.040.40	2019-10
ISO/IEC 23092-2	Information technology – Genomic information representation – Part 2: Coding of genomic information	35.040.99	2019-10
ISO/IEC 24761	Information technology – Security techniques – Authentication context for biometrics	35.030	2019-10
ISO/IEC 30111	Information technology – Security techniques – Vulnerability handling processes	35.030	2019-10
ISO/IEC 30146	Information technology – Smart city ICT indicators	13.020.20; 35.240.99	2019-10
ISO/IEC TR 30148	Internet of Things (IoT) – Technical requirements and application of sensor network for wireless gas meters	35.110	2019-10
IEC 62430	Environmentally conscious design (ECD) – Principles, requirements and guidance	13.020.01	2019-10
ISO 80000-3	Quantities and units – Part 3: Space and time	01.060	2019-10
ISO 80000-11	Quantities and units – Part 11: Characteristic numbers	01.060	2019-10